

Guide to completing: Modifying Existing Connections Above 100 Amps Application

- Separation
- Amalgamation
- Alter Existing Connection

Note – for EMBEDDED GENERATION requests select ALTER EXISTING CONNECTION

Introduction

Why use this form

This form should be used to modify an existing connection when it is:

- A connection **above 100 Amps; or**
- A Connection at **high voltage.**

The guide contains these sections:

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Why complete this form?

Ausgrid needs the information requested in this form so it can assess your requirements and make you an offer under the National Electricity Rules as they apply in New South Wales.

IMPORTANT:

You will need to complete all mandatory fields in order to be able to submit the form. Providing incorrect or incomplete information will result in an invalid application; this will mean that you will have to complete a new application and pay an additional submission fee.

This form is designed to be completed by a Qualified Electrical Professional. To provide some of the answers to these questions you will need to consult an electrical contractor or Accredited Service provider (ASP) who may need to attend the site.

Form Symbols – What they mean

Reference Code

All Forms are identified by unique Reference Codes.
Please keep a record of your application reference code. If you have enquiries about your application, we will require this number to assist you.

Reference Code : 0011613

Navigation through the form

The forms have been designed to assist you to quickly navigate and complete all the required information in a tabular step by step format.



1. Each section must be completed before moving onto the next step.
2. Complete sections is marked as a WHITE chevron with GREEN text
3. Current section is marked as a BLUE chevron with WHITE text
4. Next sections is marked as a WHITE chevron with GREY text

Completing sections



1. The process allows you to go BACK as required
2. You can SAVE & SHARE the application as you go, share the application link, return at any time and continue
3. As you complete a section, click NEXT to proceed

Mandatory Fields

1. Mandatory fields are identified with the use of *
2. Mandatory fields must be completed before proceeding
3. Non completed mandatory fields are shown as

*Phase A


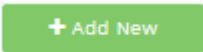
4. Tool tips and help are shown as



This is the Unit/Shop number for the individual premises. A separate line item is required for each Unit/Shop connection

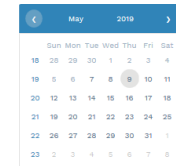


Useful buttons to help get things done

1. Duplicating a section 
2. Add a new section 
3. Browse to find file/s to upload and attach to your application



4. Calendar Icon  Opens date picker



5. Checkbox
6. Radio button (select only one) Yes No
7. Drop Down selection option – allows you to select from prepopulated list of options



Existing Above 100amp - Location Information

Existing Connection Above 100 AMP

Reference Code : 0013095

Location

Applicant

Service Selection

Load Details

Summary and Payment

Complete

| | | |
|---------------------------------------|--|---|
| Retailer <input type="text"/> 1 | NMI <input type="text"/> | Meter Number <input type="text"/> 2 |
| Property Name <input type="text"/> | Property Type <input type="text"/> 3 | *Land Title Type <input type="text"/> 4 |
| Floor Number <input type="text"/> | Unit/Shop Number <input type="text"/> | *Street Number/RMB <input type="text"/> or |
| | | *Lot Number <input type="text"/> or |
| | | *Lot/DP Number <input type="text"/> 5 |
| *Street Name <input type="text"/> | Nearest Cross Street <input type="text"/> | |
| *Suburb <input type="text"/> | *Postcode <input type="text"/> | *Land Zoning <input type="text"/> 6 |

***Location Diagram** This section is about the physical location of your premises and an electrical schematic will not be accepted. Ensure that your diagram clearly identifies property, nearest cross street, North Point, Proposed Point of Common Coupling, Point of Supply and service cable route to the main switchboard.

Browse File...

Next

1. If you know who the Retailer will be, select the **company** details from the drop down menu.
2. If you have a National Meter Identifier (NMI) and a Meter Number.
Note: The NMI can be found on the electricity bill.
3. Select the **Property Type** from the drop down menu for example: House, Unit, Shop etc.
4. Select the **Land Title Type** from the drop down menu for example Torrens, Strata, Community Title, Public or other.
5. Enter the **address** where the new connection is required, this could be entered either as a Street/RMB Number, Lot Number or Lot/DP Number which can be found on the Development Application (DA) or council rate notice.
6. Select the **Land Zoning** from drop down menu for example: Urban, Rural or Other.
Note: The Landing Zone information should auto populate with data from the NSW Government Planning Portal.

Existing Above 100amp - Applicant Information

Existing Connection Above 100 AMP

Reference Code : 0013095

Location **Applicant** Service Selection Load Details Summary and Payment Complete

***Applicant Type** ASP on behalf of a Retail Customer or Real Estate Developer 1

***Title** Miss ***First Name** Ima ***Last Name** Modifier

***Email Address** Modifier@gmail ***Confirm Email Address** Modifier@gmail

Search by ABN, ACN Company Name

Floor Number Unit/Shop Number Street Number/RMB 39 or PO Box/Locked Bag 2

***Street Name** Gardinia Street **Nearest Cross Street**

***Suburb** Narwee ***Postcode** 2209 ***Phone Number** 0412123456 **Other Number**

***ASP Number** ***ASP Level**

Save your company details for future applications. 3

1. Select the **Applicant Type** from the drop down menu for example: ASP, Electrical Contractor, Retail Customer etc.

Note: If you are the person who requires the modification of the electricity connection for your own use (for example in your house or business) then you are a **retail customer**.

If you are applying for modification of electricity to supply to a development which will be sold off and you will not be the end user of the electricity at this premises then you are a **real estate developer**.

If you are applying on behalf of someone, then select the category from the drop down menu that best describes you. (For example ASP on behalf of a Retailer Customer or Real Estate Developer).

2. Enter the **applicant details** of the person making the application. YOUR details – i.e. the person lodging this form.

Note: If you are not a retail customer or real-estate developer, you must ensure that the person on whose behalf you are applying has authorised you to make an application, receive and accept a connection offer from Ausgrid on their behalf.

3. Click this option if you would like to save your company details for future applications.



Note: The email address supplied for the Connection Applicant will be utilised for ALL communication in relation to your Connection Application. The NMI and / or Permission to Connect emails will only be sent to the provided connection applicant email address.



Service Selection - Separation

Existing Connection Above 100 AMP

Reference Code : 0013095

Location > Applicant > **Service Selection** > Load Details > Summary and Payment > Complete

Services

What type of service are you seeking?



To provide some of the answers to these questions you may need to consult an electrical contractor or ASP who may need to attend the site.

Back

Save & Share



You can Save & Share your application. Use the Save & Share function to email your application form to another person or yourself.

The service you chose requires you to provide information regarding the physical electrical connection needed for Ausgrid to accurately assess your application and provide you with an appropriate Model Standing Offer for Connection Services. This part of the form allows Ausgrid to determine if you intend to install embedded or standby generation as part of your application. A generating unit is embedded if it will be connected in parallel with Ausgrid's network (even if only momentarily). Examples of embedded generation includes:

- Solar PV
- Gas
- Diesel
- Wind turbine
- Batteries
- Co and Tri-generation

Select the **service** you are seeking by clicking on one of the tiles.

1. **Separation.** Select this option if you wish to divide your current electrical metering to two or more premises.
2. **Amalgamation.** Select this option if you wish to combine two or more premises.
3. **Alter Existing Connection.** Select this option if you already have a connection with Ausgrid and you wish to:
 - i. Alter the Maximum Capacity
 - ii. Alter the Consumer Mains
 - iii. Alter the Switchboard
 - iv. Alter the Connection Points
 - v. Alter an Existing Embedded Generation or Storage Systems
 - vi. Connect a New Embedded Generation or Storage Systems
 - vii. Alter, install or remove a controlled load
 - viii. Alter the Number of Phases
 - ix. Install or replace 'A' pole (Private)
 - x. Alter a Point of Common Coupling
 - xi. Disconnection / Reconnection

Separation - Load Details

Existing Connection Above 100 AMP

Reference Code : 0013095

Location > Applicant > Service Selection > **Load Details** > Summary and Payment > Complete

Separation

Connection Details for New Premises - Gardinia Street, Narwee, 2209

| | | | |
|---|----------------------------|------------------------------|------------------|
| *Premises Usage 1 | *Property Type 2 | Floor Number | Unit/Shop Number |
| *Proposed Maximum Demand 3 | *Number of Phases 3 | Phase A | Phase B |
| *Are you intending to connect, alter or maintain controlled load at this premises? 4 | | Embedded Generation 5 | |



Premise details can be edited, deleted and duplicated by clicking the applicable buttons.

Duplicate

+ Add New

Total number of New premises

1

1. Select the **Premises Usage** details from the drop down menu, for example: Residential, Commercial or Industrial.
2. Select the **Property Type** from the drop down menu for example: House, Unit, Shop etc. if available provide additional details such as Floor and/or Unit and Shop number.
3. For each premises, select the **Number of Phases** from the drop-down menu; then for each phase (Phase A, Phase B, Phase C) specify the proposed maximum demand.
4. If intending to connect, alter or maintain **Controlled Load** at the premises select '**Yes**'.
Then select the controlled load tariff (Off-peak 1 or Off-peak 2) from the drop-down menu, and select the number of phases that this will apply to.
Note: If there is an **Alteration** you will be required to completed questions relating to the alteration on page 24.
5. Select the premise/s requiring **Embedded Generation**.
Note: If there is Embedded Generation you will be required to completed questions relating to the Embedded Generation on page 16.

Separation - Load Details

Existing Connection Above 100 AMP

Reference Code : 0013095

Location > Applicant > Service Selection > **Load Details** > Summary and Payment > Complete

This section requires you to provide information regarding the physical electrical connection needed for Ausgrid to accurately assess your application and provide you with an appropriate response.

This section captures information regarding the components of the distribution system (premises connection assets) which is used to provide the connection service to the premises e.g. service cable, metering, new Ausgrid pole, pillar or substation etc.

1. Select the **Proposed Point of Common Coupling** from the drop-down menu.
2. Provide the **Asset Identifier** for the point of common coupling – if there is no asset identifier enter 'unknown'.
3. Select the **Proposed Connection Point** from the drop-down menu – this is the component of the distribution system (premises connection assets) used to provide the connection services to the premises.
4. Specify the **Proposed Length of the Service** – if greater than 50 metres, the applicant will be required to provide the exact length in metres.
5. Select the proposed **Service Type and Voltage** from the drop-down menus.
6. Select **Service Size** from the drop-down menu, if other than the Amps specified, provide the demand that is nearest to, but above the calculated maximum demand in the additional field displayed.

| | |
|------------------------------------|---|
| *Proposed Point of Common Coupling | 1 |
| *Proposed Asset Identifier | 2 |
| *Proposed Connection Point | 3 |
| *Proposed Service Length | 4 |
| *Proposed Service Type | 5 |
| *Service Voltage | |
| *Service Size | 6 |



To provide some of the answers to these questions you may need to consult an electrical contractor or ASP who may need to attend the site.

NOTE: You may need to refer to NSW Service and Installation Rules for the definition of the terms.

Separation - Load Details

Existing Connection Above 100 AMP

Reference Code : 0013095

Location > Applicant > Service Selection > **Load Details** > Summary and Payment > Complete

*1 Will be installing equipment at the premises that may result in non linear / fluctuating loads

Yes No **1**

Distorting Loads

*1 Phase capacitor-filtered or conventional rectifier **2**

*3 Phase 6-pulse capacitor filtered rectifier / VSD

*3 Phase 6 pulse capacitor filtered rectifier with series inductor > 3% or DC drive / VSD

*3 Phase 6 pulse inductor filtered rectifier / VSD

*3 Phase 12 pulse rectifier / VSD

*AC voltage regulator

*Variable Voltage Variable Frequency (VVVF) drive

*Switch mode power supplies

*Power Factor Correction

*Other

| *kVA/kW | *Amp | *Design Standard | *Mitigation Measures |
|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

Fluctuating Loads (including Cranes)

*Rating of the largest motor **3**

*Rating of the second largest motor

*Rating of other frequently fluctuating loads

*Other

| *kVA/kW | *Amp | *Design Standard | *Mitigation Measures | *Starting Current |
|----------------------|----------------------|--------------------------|----------------------|-------------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | *Method of Starting | *Hours of Operation | *Number of Operation.Hr |
| | | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | *Equipment Specification | | |
| | | <input type="text"/> | | |

[Browse File...](#)



If you ticked **NO** to non linear / fluctuating loads go to page 11

- Will you be installing equipment at the premises resulting in **non linear or fluctuating loads**.
 - If **No**, proceed to entering dates when premise construction will commence and when the premises will be electrified.
 - If **Yes**, continue with questions relating to non linear and fluctuating loads.

- Select the applicable **Distorting Loads**.



Note: Depending which selection is made you will be required to specify the kVA/kW, Amp, Design Standard and Mitigation Measures.

- Select the applicable **Fluctuating Loads**.



Note: Depending which selection is made additional information will be required, such as the kVA/kW, Amp, Design Standard Mitigation Measures, Starting Current, Method of Starting, Hours of Operation, Number of Operation.Hr and attaching Equipment Specification.

Separation - Load Details

Existing Connection Above 100 AMP

Reference Code : 0013095

Location > Applicant > Service Selection > **Load Details** > Summary and Payment > Complete

Special Equipment

- *X-Ray or Magnetic Resonance Imaging Devices
- *Welding plant rating
- *Arc furnaces rating
- *Unbalanced loads (e.g PH-N / PH-PH loads)
- *Other

1. Select the applicable **Special Equipment**.



Note: Depending which selection is made additional information will be required, such as the kVA/kW, Amp, Design Standard Mitigation Measures, Starting Current, Method of Starting, Hours of Operation, Number of Operation.Hr and attaching Equipment Specification.

2. The Total Apparent Power Ratings (KVA) will be shown.

TOTAL APPARENT POWER RATING (KVA)

kVA/kW Amp



0 0

2

| | | | | |
|----------------------|----------------------|--------------------------|----------------------|-------------------------|
| *kVA/kW | *Amp | *Design Standard | *Mitigation Measures | *Starting Current |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | *Method of Starting | *Hours of Operation | *Number of Operation.Hr |
| | | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | *Equipment Specification | | |
| | | <input type="text"/> | | |

[Browse File...](#)

Separation - Load Details

Construction of the premises connection assets will commence  When do you wish to electrify the premises?  **1**

*Ausgrid has provided a Certified Design Number(CDN) for a Network Augmentation Project associated with the premises Yes No **2**

*Certified Design Number (CDN)

*ASP 1 has been appointed Yes No **3**

*ASP Licence Number *ASP 1 Name

*Do you have development consent (DA) for your proposal? Yes No **4**

*DA Reference Number

*Attach copy of approved DA


*Do you wish to underground / relocate electricity assets in conjunction with this connection application? Yes No **5**

*Underground / relocation details

*Are you altering the existing premises? Yes No **6**

Additional Comments (up to 2000 characters)

Additional Attachment

 If you selected yes to Embedded Generation on step 5, page 7, you will be required to complete the steps on page 16. Otherwise proceed to the summary and payment sections on the following pages.

1. Provide the **dates** when construction of the premises connection assets will commence and when you wish to electrify the premises.
2. If Ausgrid has provided a **Certified Design Number (CDN)** for a network augmentation project associated with the premises select 'Yes' and provide this number. (If not click 'No', proceed to next question).
3. If an **ASP1** has been **appointed** select 'Yes' and provide the **ASP Licence Number** and the **ASP1 name**. (If not select 'No', proceed to next question).
4. If **Development Consent** for the proposal has been **granted** select 'Yes' and provide the **DA Reference Number** and also **attach** a copy of the approved DA. (If not select 'No', proceed to next question).
5. If the applicant wants to **underground or relocate electricity assets** in conjunction with this connection application then select 'Yes' and **details must be provided**. (If not select 'No', proceed to next question).
6. Are you **altering the existing premises**, this includes altering the maximum demand at the existing premises.
 - If **No**, add additional comments and/or attachments then select next to proceed with the application, (Go to the Summary Section on the next page).
 - If **Yes**, (Go to Alteration existing connection on page 24).

Separation – Summary No Alterations + No Embedded Generation

Existing Connection Above 100 AMP Reference Code : 0013095

Separation 1

LOCATION

Retailer
Energy Australia
NMI
400000002
Land Title Type
Strata
Street Number/RMB
39
Location Address
Gardinia Street, Narwee, 2209
Land Zoning
Urban
Location Diagram

File name
Diagram.jpg

APPLICANT

Applicant Type
Retail Customer
Full Name
Miss Ima Modifier
Email Address
Modifier@gmail
Street Number/RMB
39
Applicant Address
Gardinia Street Narwee 2209
Phone Number
0412123456

LOAD DETAILS

LOAD DETAILS FOR NEW PREMISES

| Premises | No. of Phases | Phase A | Phase B | Phase C | Controlled Load | Phases | EG |
|--------------------------------|---------------|---------|---------|---------|-----------------|--------|------|
| Usage: Residential Type: House | 1 | 200 | | | | | None |

Number Of Premises: 1

Proposed Point Of Common Coupling
Pole
Proposed Asset Identifier
Unknown
Proposed Connection Point
Front Of Premises
Proposed Service Length
50
Proposed Service Type
Overhead
Service Voltage
Low Voltage 230/400v
Service Size
200 Amps
I Will Be Installing Equipment At The Premises That May Result In Non Linear / Fluctuating Loads
No

Ausgrid Has Provided A Certified Design Number(Cdn) For A Network Augmentation Project Associated With The Premises
No
Asp 1 Has Been Appointed
No
Do You Have Development Consent (Da) For Your Proposal?
No
Do You Wish To Underground / Relocate Electricity Assets In Conjunction With This Connection Application?
No
Are You Altering The Existing Premises?
No

2

[Edit]

1. **Review** your application.
2. You will have the option to edit information from this summary page.



This summary page is indicative, dependent of the choices you made regarding embedded generation and alterations.

Separation - Summary – Expedited Connection No Alterations + No Embedded Generation

EXPEDITED CONNECTION

Do you want to expedite your connection offer for all premises?

Yes No **1**

You can download the Basic Connection Services Offer - up to 100 Amps for your records here.

2

| | |
|--|---|
| * Basic connection services - 100 Amps connections (Download here) <input type="checkbox"/> | * Basic connection services - over 100 Amps connections (Download here) <input type="checkbox"/> |
| * Basic connection services - Micro EG connections (Download here) <input type="checkbox"/> | * Standard connection services - Ausgrid augmentation (substation upgrade) (Download here) <input type="checkbox"/> |
| * Standard connection services - offsite Ausgrid augmentation works (Download here) <input type="checkbox"/> | * Standard connection services - contestable ASP1 connections (Download here) <input type="checkbox"/> |
| * I do not know which one of these offers is relevant <input type="checkbox"/> | |



The expedited connection process allows you to save time by skipping the offer and acceptance steps to a connection contract. If you request expedition and indicate that a particular model standing offer is acceptable, the contract is taken to have begun on the day we received your connection application, provided we agree that any model standing offer you have nominated is appropriate. If you do not request expedition or you nominate an inappropriate model offer, it could add up to **55 days** to your connection process.

Expediting your connection offer

1. Select **YES** to **expedite your connection**.

Note: By selecting 'Yes', and requesting an expedited connection offer, the connection application will be processed more efficiently because; if Ausgrid agrees that the offer is right for your proposed connection, there is no need for the offer to be sent to you, signed and returned to Ausgrid.



Note: If you select '**No**' Ausgrid will send you an offer that meets your supply requirements.

2. Select your preferred **Connection Offer**.

Note: Additional information about Connection Contracts can be found here:

<https://www.ausgrid.com.au/Connections/Connection-Contracts#.WvvYQNhJD8>



You can only select one offer.

Separation – Declaration No Alterations + No Embedded Generation

DECLARATION

Applicant Name
Miss Ima Modifying
Application Date
31-May-2019
Price Description

Price Including GST
AUD \$
AUD \$
AUD \$

Total Price

[Terms and Conditions:](#)

In submitting this application you are engaging Ausgrid to provide you with a connection offer. Once submitted the fee charged is consumed. Ausgrid will aim to provide you with a written response within 10 business days. If additional work and/or fees are required, we will contact you to advise prior to providing the response.

Where this application requests an expedited connection, I declare that I have read and understood the terms and conditions of the connection offer and agree that if the connection is expedited that a contract based on that offer will be formed with Ausgrid on the date that Ausgrid receives the application. Where this application is being made on behalf of a retail customer or real estate developer, I declare that I have obtained the authority of that person to make this application of their behalf, including where applicable, making a request for expedition of the connection application.

*I acknowledge the terms & conditions.

1

2

Back

Save & Share

Download PDF

Pay

3

1. Review your **Declaration** that you understand the Total Price to be paid and the Terms and Conditions.
2. By selecting this box you **acknowledge the terms and conditions.**
3. Click **Pay** to move to the payment screen or **Save & Share** your application.

Note: You can Save & Share you application. Use the Save & Share function to email your application form to another person for payment and submission.



Note: The form will not be submitted to Ausgrid until payment has been made.



This declaration summary page is indicative, dependent of the choices you made regarding embedded generation and alterations.

Payment Separation – No Alterations + No Embedded Generation

Payment Confirmation ✕

Do you want to proceed to payment for the amount : AUD

Or

Share application for payment i

 i



- To proceed with payment select **Pay** and follow the payment options.

You can send the completed form to a third party to complete the payment. Then instruct that party they will receive an email and they should follow the link to make payment.



Supported by the CommonwealthBank

Make a BPOINT Payment

Biller Code: 1261338 (Ausgrid - Ausgrid)

Ref#:

Amount (AUD):

Select your payment option:



Note: only once payment is successfully submitted the application will be received and processed by Ausgrid.

Supported by the CommonwealthBank

Online Payment

You have entered the following details

Biller Code: 1261338 (Ausgrid - Ausgrid)

Ref#: 0011659

Payment Amount: AUD :

Please enter your card details to proceed

Card Number:

Expiry Date:

CVN:

Separation + Embedded Generation

Existing Connection Above 100 AMP

Reference Code : 0013095

Location Applicant Service Selection Load Details **Embedded Generation** Summary and Payment

Complete



If you selected yes to Embedded Generation on step 5, page 7, you will be required to complete the following steps.

🔧 Separation + Embedded Generation

*Inverter Phase Inverter Defined kW/kVA Phase A Phase B Phase C

Address: Gardinia Street, Narwee, 2209 Usage: Residential Type: Unit Unit/Shop: 7

*How do you intend to operate your Embedded Generation with the Ausgrid network? Parallel Stand By Parallel and Stand By **1**

*The system has been designed as a Stand-by Generation in accordance with AS3010 and NSW service and installation rules Yes No **2**

*Embedded Generation is connected via Inverter Non Inverter Inverter and Non-Inverter **3**

+ Inverter

Please add an inverter.

+ Non-Inverter

Please add a Non-Inverter.

Summary

| Premises | Storage kW | Other Power kW | Generation kW | Inverter kW (A + B + C) = Total | Generation kW (non- inverter) | Generation Total kW |
|--|------------|----------------|---------------|---------------------------------|-------------------------------|---------------------|
| Usage: Residential Type: Unit Unit/Shop: 7 | 0 | 0 | 0 | A: 0 + B: 0 + C: 0 = 0 | 0 | 0 |
| Total | 0 | 0 | 0 | A: 0 + B: 0 + C: 0 = 0 | 0 | 0 |

1. Select how you will **operate the Embedded Generation**. By selecting "Parallel" you will be generating whilst connected to the Ausgrid network. By Selecting "Standby" or "Parallel and Standby" you intend to operate your Embedded Generation whilst either disconnected from the Ausgrid network, or both.
2. **Note:** By Selecting 'Standby' You will be asked to confirm your design is in accordance with AS3010 and NSW Service and Installation Rules.
3. Select how the **Embedded Generation** will be connected, then click **+ Inverter** to add an **Inverter**, or **+ Non-Inverter** to add a **Non-inverter**.

Separation + Embedded Generation

Existing Connection Above 100 AMP

Reference Code : 0013095

Location Applicant Service Selection Load Details **Embedded Generation** Summary and Payment

Complete


New Inverter

*Energy Source 1

Inverter Details

*Inverter Type Manufacturer Name Model Number 2

*Inverter Phase Inverter Rating kW/kW per Phase Phase A Phase B Phase C 3


 Click the **Save** button to store your information

*Energy storage will be configured to generate when the network is off. Yes No 4

New Generation Unit (GU) Details

*Generation Type Manufacturer Name Model Number 5

*Generation Phase GU Nameplate Rating in kW Phase A Phase B Phase C 6

 Click the **Save** button to store your information

1. For a **New Inverter** select the **Energy Source** from the drop down list: PV only, Battery only, PV and Battery, Fuel Cell or Other.
2. Enter the **Inverter Details**, by selecting the **Inverter Type**; Grid Connect, Multiple Mode, Micro Inverters or Other.
3. Select to **Inverter Phase** from Single or Three, specify the total generation in kW and complete the information relevant to the Inverter. Click **Save** to add the information.
4. Confirm if the **Energy Storage** will be configured to generate when the network is off.
5. For a **New Generation Unit** select the **Generation Type** from the drop down list: Rotating Machine, Hydro or Other.
Note: You will be asked to supply the kW.
6. Select the **Generation Phase** from either Single or Three, then enter the Generating Unit (GU) Nameplate rating in kW. Click **Save** to add the information.


Separation + Embedded Generation

Existing Connection Above 100 AMP

Reference Code : 0013095

Location Applicant Service Selection Load Details **Embedded Generation** Summary and Payment

Complete

 Separation + Embedded Generation

Summary

| Premises | Storage kW | Other Power kW | Generation kW | Inverter kW (A + B + C) = Total | Generation kW (non- inverter) | Generation Total kW |
|--|------------|----------------|---------------|-----------------------------------|-------------------------------|---------------------|
| Usage: Residential Type: Unit Unit/Shop: 7 | 100 | 0 | 0 | A: 100 + B: 0 + C: 0 = 100 | 100 | 200 |
| Total | 100 | 0 | 0 | A: 100 + B: 0 + C: 0 = 100 | 100 | 200 |

1. Attach the **Single Line Diagram**.
2. Attach the **Control / Protection Settings and Schematic Diagrams**. Refer to NS194 for parallel generation requirements.
3. Select **Yes** if your application is multi-tenanted or embedded network. Enter the **Total existing inverter connected generation kW**.
Note: Examples of multi-tenanted premises or imbedded networks may include apartment blocks, retirement village, shopping centres etc.

*Single Line Diagram


 Browse File...

1

*Control/protection settings and schematic diagrams 

 Browse File...

2

My installation is part of a multi-tenanted premises or embedded network that has existing inverter connected Generation installed. 

Yes No

3

*Total existing inverter connected generation kW

Separation + Embedded Generation Declaration

Existing Connection Above 100 AMP

Reference Code : 0013095



Declaration

I confirm that the system meets each of the following conditions:

- *I have made efforts to identify any other premises with Embedded Generation that share the network connection that this application pertains to, and have provided those details (where relevant) within this application. ⓘ
- *The installer and equipment have current approval from the Australian Clean Energy Council (CEC). ⓘ
- *Proposed inverter(s) complies with the voltage rise requirements of NSW Service and Installation Rules ⓘ
- *Proposed inverter(s) have Volt-VAR and Volt-Watt response modes enabled. ⓘ
- *In preparing this application I have considered the requirements of NS194 Connection of Embedded Generators ⓘ
- *In preparing this application I have considered the requirements of the Service and Installation Rules of NSW ⓘ
- *In preparing this application I have considered the requirements of the AS/NZS3000:2018 The Wiring Rules. ⓘ
- *In preparing this application I have considered the requirements of the AS/NZS4777 Grid connection of energy systems via inverters ⓘ

Back

Save & Share

Next

1. Select the declaration for each item that:

i. You have made contact with the Property Managers / Body Corporates to confirm that you have all the information related to the site / facility at which the premises exist.

ii. The installer and equipment have current approval from the Australian Clean Energy Council:
www.cleanenergycouncil.org.au/

iii. Inverters comply voltage rise requirements:

<https://energy.nsw.gov.au/government-and-regulation/legislative-and-regulatory-requirements/service-installation-rules>

iv. Inverters have Volt-VAR and Volt-Watt response modes enabled:

<https://energy.nsw.gov.au/government-and-regulation/legislative-and-regulatory-requirements/service-installation-rules>

v. You have considered the requirements for NS194 Connection of Embedded Generators:

<https://www.ausgrid.com.au/ASPs-and-Contractors/Technical-documentation/Network-Standards>

vi. You have considered the requirements of the Service and Installation Rules of NSW:

<https://energy.nsw.gov.au/government-and-regulation/legislative-and-regulatory-requirements/service-installation-rules>

vii. You have considered the requirements of the

AS/NZS3000:2018 Wiring Rules, more information can be found at: <https://www.saiglobal.com/online/>

viii. You have considered the requirements of the AS/NZS4777 Grid Connection of energy systems via inverters:

<https://www.saiglobal.com/online/>

Summary Separation + Embedded Generation

Existing Connection Above 100 AMP Reference Code : 0013095

Separation + Embedded Generation 1

LOCATION

Retailer
Energy Australia
NMI
400000002
Land Title Type
Strata
Street Number/RMB
39
Location Address
Gardinia Street, Narwee, 2209
Land Zoning
Urban
Location Diagram

| File name | Ausgrid filename reference | Size |
|-------------|------------------------------|----------|
| Diagram.jpg | LocationAttachmentFilePath_1 | 0.063 MB |

2

[Edit]

APPLICANT

Applicant Type
Retail Customer
Full Name
Miss Ima Modifier
Email Address
Modifier@gmail
Street Number/RMB
39
Applicant Address
Gardinia Street Narwee 2209
Phone Number
0412123456

LOAD DETAILS 1

LOAD DETAILS FOR NEW PREMISES

| Premises | No. of Phases | Phase A | Phase B | Phase C | Controlled Load | Phases | EG |
|--------------------------------|---------------|---------|---------|---------|-----------------|--------|-----|
| Usage: Residential Type: House | 1 | 200 | | | | | New |

Number Of Premises: 1

Proposed Point Of Common Coupling
Pole
Proposed Asset Identifier
Unknown
Proposed Connection Point
Front Of Premises
Proposed Service Length
50
Proposed Service Type
Overhead
Service Voltage
Low Voltage 230/400v
Service Size
200 Amps
I Will Be Installing Equipment At The Premises That May Result In Non Linear / Fluctuating Loads
No
Ausgrid Has Provided A Certified Design Number(Cdn) For A Network Augmentation Project Associated With The Premises
No
Asp 1 Has Been Appointed
No
Do You Have Development Consent (Da) For Your Proposal?
No
Do You Wish To Underground / Relocate Electricity Assets In Conjunction With This Connection Application?
No
Are You Altering The Existing Premises?
No

2

[Edit]

EMBEDDED GENERATION

USAGE: RESIDENTIAL TYPE: HOUSE

How Do You Intend To Operate Your Embedded Generation With The Ausgrid Network?
Parallel

1. **Review** your application.
2. You will have the option to edit information from this summary page.



This summary page is indicative, dependent of the choices you made regarding embedded generation and alterations.

Summary - Expedited Connection Separation + Embedded Generation

EXPEDITED CONNECTION

Do you want to expedite your connection offer for all premises? Yes No **1**

You can download the Basic Connection Services Offer - up to 100 Amps for your records here.

| | |
|--|---|
| * Basic connection services - 100 Amps connections (Download here) <input type="checkbox"/> | * Basic connection services - over 100 Amps connections (Download here) <input type="checkbox"/> |
| * Basic connection services - Micro EG connections (Download here) <input type="checkbox"/> | * Standard connection services - Ausgrid augmentation (substation upgrade) (Download here) <input type="checkbox"/> |
| * Standard connection services - offsite Ausgrid augmentation works (Download here) <input type="checkbox"/> | * Standard connection services - contestable ASP1 connections (Download here) <input type="checkbox"/> |
| * I do not know which one of these offers is relevant <input type="checkbox"/> | |

2



The expedited connection process allows you to save time by skipping the offer and acceptance steps to a connection contract. If you request expedition and indicate that a particular model standing offer is acceptable, the contract is taken to have begun on the day we received your connection application, provided we agree that any model standing offer you have nominated is appropriate. If you do not request expedition or you nominate an inappropriate model offer, it could add up to **55 days** to your connection process.

Expediting your connection offer

1. Select **YES** to expedite your connection.

Note: By selecting 'Yes', and requesting an expedited connection offer, the connection application will be processed more efficiently because; if Ausgrid agrees that the offer is right for your proposed connection, there is no need for the offer to be sent to you, signed and returned to Ausgrid.



Note: If you select '**No**' Ausgrid will send you an offer that meets your supply requirements.

2. Select your preferred **Connection Offer**.

Note: Additional information about Connection Contracts can be found here:

<https://www.ausgrid.com.au/Connections/Connection-Contracts#.WvYQNhJD8>



You can only select one offer.

Declaration - Expedited Connection Separation + Embedded Generation

DECLARATION

Applicant Name
Miss Ima Modifying
Application Date
31-May-2019
Price Description

Price Including GST
AUD \$
AUD \$
AUD \$

Total Price

[Terms and Conditions:](#)

In submitting this application you are engaging Ausgrid to provide you with a connection offer. Once submitted the fee charged is consumed. Ausgrid will aim to provide you with a written response within 10 business days. If additional work and/or fees are required, we will contact you to advise prior to providing the response.

Where this application requests an expedited connection, I declare that I have read and understood the terms and conditions of the connection offer and agree that if the connection is expedited that a contract based on that offer will be formed with Ausgrid on the date that Ausgrid receives the application. Where this application is being made on behalf of a retail customer or real estate developer, I declare that I have obtained the authority of that person to make this application of their behalf, including where applicable, making a request for expedition of the connection application.

*I acknowledge the terms & conditions.

1

2

Back

Save & Share

Download PDF

Pay

3

1. Review your **Declaration** that you understand the Total Price to be paid and the Terms and Conditions.
2. By selecting this box you **acknowledge the terms and conditions.**
3. Click **Pay** to move to the payment screen or **Save & Share** your application.

Note: You can **Save & Share** your application. Use the **Save & Share** function to email your application form to another person for payment and submission.



Note: The form will not be submitted to Ausgrid until payment has been made.



This declaration summary page is indicative, dependent of the choices you made regarding embedded generation and alterations.

Payment - Expedited Connection Separation + Embedded Generation

Payment Confirmation ✕

Do you want to proceed to payment for the amount : AUD Pay

Or

Share application for payment i

Email Address i

Share

Supported by the
CommonwealthBank

Make a BPOINT Payment

Billers Code: 1261338 (Ausgrid - Ausgrid)

Ref#: 0011659

Amount (AUD): ?

Select your payment option:

- To proceed with payment select **Pay** and follow the payment options.

You can send the completed form to a third party to complete the payment. Then instruct that party they will receive an email and they should follow the link to make payment.



Note: only once payment is successfully submitted the application will be received and processed by Ausgrid.

Supported by the
CommonwealthBank

Online Payment

You have entered the following details

Billers Code: 1261338 (Ausgrid - Ausgrid)

Ref#: 0011659

Payment Amount: AUD :

Please enter your card details to proceed

Card Number: VISA

Expiry Date: MM YY

CVN: ?

<< Back
Proceed >>

Separation + Alter Existing Connection + Embedded Generation


Details for Existing Premises - Gardinia Street, Narwee, 2209

*Premises Usage 1 ▼

*Property Type ▼ Floor Number Unit/Shop Number 2


Select a minimum of one option from either of the two tables below. 3

| Installation change | Service change |
|--|--|
| Alter Maximum Capacity <input type="checkbox"/> | Alter Number of Phases <input type="checkbox"/> |
| Alter Consumer Mains <input type="checkbox"/> | Install or replace 'A' pole (private) <input type="checkbox"/> |
| Alter Switchboard <input type="checkbox"/> | Alter Point of Common Coupling <input type="checkbox"/> |
| Alter Connection Point <input type="checkbox"/> | Disconnection / Reconnection <input type="checkbox"/> |
| Alter an Existing Embedded Generation / Storage System <input type="checkbox"/> 3 | Other <input type="checkbox"/> |
| Connect a New Embedded Generation / Storage System <input type="checkbox"/> | |
| Install, Alter or Remove Controlled Load <input type="checkbox"/> | |
| Other <input type="checkbox"/> | |

 If you selected yes to Alterations on step 6, page 11, you will be required to complete the following steps.

Additional Comments (up to 2000 characters) 4

Additional Attachment Browse File...

helpful tips  You can Save & Share your application. Use the Save & Share function to email your application form to another person or yourself.

Back Save & Share Next

This section captures the information which is being altered on the existing premises. This includes altering the maximum demand at the existing premises. You can select as many options you need to, which relate to the application.

1. Select the **Premises Usage** details from the drop down menu, for example: Residential, Commercial or Industrial.
2. Select the **Property Type** from the drop down menu for example: House, Unit, Shop etc. if available provide additional details such as Floor and/or Unit and Shop number.
3. Select all applicable **Installation and Service Changes** to be assessed with the application.

Note: Each option selected will open additional fields to be completed which relate to the changes to the existing premises.



For more information on alterations a detailed step by step guide for Installation and Service Changes can be found on page 65 in this guide.

4. Add additional **Comments** and/or **Attachments** then click next to proceed with the application.

Note: If you have **NO** Embedded Generation (Go to page 29) otherwise proceed to the Separation + Embedded Generation guide on the following pages.

Separation + Alter Existing Connection + Embedded Generation

Existing Connection Above 100 AMP

Reference Code : 0013095

Location Applicant Service Selection Load Details **Embedded Generation** Summary and Payment

Complete

🔧 Separation + Embedded Generation

*Inverter Phase Inverter Defined kW/MVW Phase A Phase B Phase C

Address: Gardinia Street, Narwee, 2209 Usage: Residential Type: Unit Unit/Shop: 7

*How do you intend to operate your Embedded Generation with the Ausgrid network? Parallel Stand By Parallel and Stand By **1**

*The system has been designed as a Stand-by Generation in accordance with AS3010 and NSW service and installation rules Yes No **2**

*Embedded Generation is connected via Inverter Non Inverter Inverter and Non-Inverter **3**

+ Inverter

Please add an inverter.

+ Non-Inverter

Please add a Non-Inverter.

Summary

| Premises | Storage kW | Other Power kW | Generation kW | Inverter kW (A+ B + C) = Total | Generation kW (non- inverter) | Generation Total kW |
|--|------------|----------------|---------------|--------------------------------|-------------------------------|---------------------|
| Usage: Residential Type: Unit Unit/Shop: 7 | 0 | 0 | 0 | A: 0 + B: 0 + C: 0 = 0 | 0 | 0 |
| Total | 0 | 0 | 0 | A: 0 + B: 0 + C: 0 = 0 | 0 | 0 |



If you selected yes to Embedded Generation on step 5, page 7, you will be required to complete the following steps.

1. Select how you will **operate the Embedded Generation**. By selecting "Parallel" you will be generating whilst connected to the Ausgrid network. By Selecting "Standby" or "Parallel and Standby" you intend to operate your Embedded Generation whilst either disconnected from the Ausgrid network, or both.
2. **Note:** By Selecting 'Standby' You will be asked to confirm your design is in accordance with AS3010 and NSW Service and Installation Rules.
3. Select how the **Embedded Generation** will be connected, then click **+ Inverter** to add an **Inverter**, or **+ Non-Inverter** to add a **Non-inverter**.

Separation + Alter Existing Connection + Embedded Generation

Existing Connection Above 100 AMP

Reference Code : 0013095

Location Applicant Service Selection Load Details **Embedded Generation** Summary and Payment

Complete


New Inverter

*Energy Source 1

Inverter Details

*Inverter Type Manufacturer Name Model Number 2

*Inverter Phase Inverter Rating kW/kW per Phase Phase A Phase B Phase C 3


 Click the **Save** button to store your information

*Energy storage will be configured to generate when the network is off. Yes No 4

New Generation Unit (GU) Details

*Generation Type Manufacturer Name Model Number 5

*Generation Phase GU Nameplate Rating in kW Phase A Phase B Phase C 6

 Click the **Save** button to store your information

1. For a **New Inverter** select the **Energy Source** from the drop down list: PV only, Battery only, PV and Battery, Fuel Cell or Other.
2. Enter the **Inverter Details**, by selecting the **Inverter Type**; Grid Connect, Multiple Mode, Micro Inverters or Other.
3. Select to **Inverter Phase** from Single or Three, specify the total generation in kW and complete the information relevant to the Inverter. Click **Save** to add the information.
4. Confirm if the **Energy Storage** will be configured to generate when the network is off.
5. For a **New Generation Unit** select the **Generation Type** from the drop down list: Rotating Machine, Hydro or Other.

Note: You will be asked to supply the kW.

6. Select the **Generation Phase** from either Single or Three, then enter the Generating Unit (GU) Nameplate rating in kW. Click **Save** to add the information.


Separation + Alter Existing Connection + Embedded Generation

Existing Connection Above 100 AMP

Reference Code : 0013095

Location Applicant Service Selection Load Details **Embedded Generation** Summary and Payment

Complete

 Separation + Embedded Generation

Summary

| Premises | Storage kW | Other Power kW | Generation kW | Inverter kW (A + B + C) = Total | Generation kW (non- inverter) | Generation Total kW |
|--|------------|----------------|---------------|-----------------------------------|-------------------------------|---------------------|
| Usage: Residential Type: Unit Unit/Shop: 7 | 100 | 0 | 0 | A: 100 + B: 0 + C: 0 = 100 | 100 | 200 |
| Total | 100 | 0 | 0 | A: 100 + B: 0 + C: 0 = 100 | 100 | 200 |

*Single Line Diagram


 Browse File...

1

*Control/protection settings and schematic diagrams

 Browse File...

2

My installation is part of a multi-tenanted premises or embedded network that has existing inverter connected Generation installed. 

Yes No

3

*Total existing inverter connected generation kW

1. Attach the **Single Line Diagram**.
2. Attach the **Control / Protection Settings and Schematic Diagrams**. Refer to NS194 for parallel generation requirements.
3. Select **Yes** if your application is multi-tenanted or embedded network. Enter the **Total existing inverter connected generation kW**.

Note: Examples of multi-tenanted premises or imbedded networks may include apartment blocks, retirement village, shopping centres etc.

Embedded Generation Declaration Separation + Alter Existing Connections

Existing Connection Above 100 AMP

Reference Code : 0013095



Declaration

I confirm that the system meets each of the following conditions:

- *I have made efforts to identify any other premises with Embedded Generation that share the network connection that this application pertains to, and have provided those details (where relevant) within this application. 1
- *The installer and equipment have current approval from the Australian Clean Energy Council (CEC).
- *Proposed inverter(s) complies with the voltage rise requirements of NSW Service and Installation Rules
- *Proposed inverter(s) have Volt-VAR and Volt-Watt response modes enabled.
- *In preparing this application I have considered the requirements of NS194 Connection of Embedded Generators
- *In preparing this application I have considered the requirements of the Service and Installation Rules of NSW
- *In preparing this application I have considered the requirements of the AS/NZS3000:2018 The Wiring Rules.
- *In preparing this application I have considered the requirements of the AS/NZS4777 Grid connection of energy systems via inverters

Back

Save & Share

Next

1. Select the declaration for each item that:

i. You have made contact with the Property Managers / Body Corporates to confirm that you have all the information related to the site / facility at which the premises exist.

ii. The installer and equipment have current approval from the Australian Clean Energy Council:
www.cleanenergycouncil.org.au/

iii. Inverters comply voltage rise requirements:

<https://energy.nsw.gov.au/government-and-regulation/legislative-and-regulatory-requirements/service-installation-rules>

iv. Inverters have Volt-VAR and Volt-Watt response modes enabled:

<https://energy.nsw.gov.au/government-and-regulation/legislative-and-regulatory-requirements/service-installation-rules>

v. You have considered the requirements for NS194 Connection of Embedded Generators: <https://www.ausgrid.com.au/ASPs-and-Contractors/Technical-documentation/Network-Standards>

vi. You have considered the requirements of the Service and Installation Rules of NSW:

<https://energy.nsw.gov.au/government-and-regulation/legislative-and-regulatory-requirements/service-installation-rules>

vii. You have considered the requirements of the AS/NZS3000:2018 Wiring Rules, more information can be found at: <https://www.saiglobal.com/online/>

viii. You have considered the requirements of the AS/NZS4777 Grid Connection of energy systems via inverters:
<https://www.saiglobal.com/online/>

Summary Separation + Alterations + Embedded Generation

Existing Connection Above 100 AMP Reference Code : 0013095

1 Separation + Embedded Generation

LOCATION

Retailer
 Agl
 Land Title Type
 Strata
 Street Number/RMB
 39
 Location Address
 Gardinia Street, Narwee, 2209
 Land Zoning
 Urban

2 [Edit]

APPLICANT

Applicant Type
 Retail Customer
 Full Name
 Miss Ima Modifying
 Email Address
 Modify@gmail
 Street Number/RMB
 39
 Applicant Address
 Gardinia Street Narwee 2209
 Phone Number
 0412123456

LOAD DETAILS **1**

LOAD DETAILS FOR NEW PREMISES

| Premises | No. of Phases | Phase A | Phase B | Phase C | Controlled Load | Phases | EG |
|--|---------------|---------|---------|---------|-----------------|--------|-----|
| Usage: Residential Type: Unit Unit/Shop: 7 | 1 | 1 | | | | | New |

Number Of Premises: 1

Proposed Point Of Common Coupling
 Pole
 Proposed Asset Identifier
 Unknown
 Proposed Connection Point
 Front Of Premises
 Proposed Service Length Greater Than 50 Metres
 No
 Proposed Service Type
 Overhead
 Service Voltage
 Low Voltage 230/400v
 Service Size
 100 Amps
 Are You Altering The Existing Premises?
 No

2 [Edit]

EMBEDDED GENERATION

USAGE: RESIDENTIAL TYPE: UNIT UNIT/SHOP: 7

How Do You Intend To Operate Your Embedded Generation With The Ausgrid Network?
 Parallel And Stand By
 The System Has Been Designed As A Stand-By Generation In Accordance With As3010 And Nsw Service And Installation Rules

1. **Review** your application.
2. You will have the option to edit information from this summary page.



This summary page is indicative, dependent of the choices you made regarding embedded generation and alterations.

Summary – Expedited Connection Separation + Alter Existing Connection + Embedded Generation

EXPEDITED CONNECTION

Do you want to expedite your connection offer for all premises? Yes No **1**

You can download the Basic Connection Services Offer - up to 100 Amps for your records here.

| | |
|--|---|
| * Basic connection services - 100 Amps connections (Download here) <input type="checkbox"/> | * Basic connection services - over 100 Amps connections (Download here) <input type="checkbox"/> |
| * Basic connection services - Micro EG connections (Download here) <input type="checkbox"/> | * Standard connection services - Ausgrid augmentation (substation upgrade) (Download here) <input type="checkbox"/> |
| * Standard connection services - offsite Ausgrid augmentation works (Download here) <input type="checkbox"/> | * Standard connection services - contestable ASP1 connections (Download here) <input type="checkbox"/> |
| * I do not know which one of these offers is relevant <input type="checkbox"/> | |

2



The expedited connection process allows you to save time by skipping the offer and acceptance steps to a connection contract. If you request expedition and indicate that a particular model standing offer is acceptable, the contract is taken to have begun on the day we received your connection application, provided we agree that any model standing offer you have nominated is appropriate. If you do not request expedition or you nominate an inappropriate model offer, it could add up to **55 days** to your connection process.

Expediting your connection offer

1. Select **YES** to **expedite your connection**.

Note: By selecting 'Yes', and requesting an expedited connection offer, the connection application will be processed more efficiently because; if Ausgrid agrees that the offer is right for your proposed connection, there is no need for the offer to be sent to you, signed and returned to Ausgrid.



Note: If you select '**No**' Ausgrid will send you an offer that meets your supply requirements.

2. Select your preferred **Connection Offer**.

Note: Additional information about Connection Contracts can be found here:

<https://www.ausgrid.com.au/Connections/Connection-Contracts#.WvvYQNhJD8>



You can only select one offer.

Declaration Separation + Alterations + Embedded Generation

DECLARATION

Applicant Name
Miss Ima Modifying
Application Date
31-May-2019
Price Description

Price Including GST
AUD \$
AUD \$
AUD \$

Total Price

[Terms and Conditions:](#)

In submitting this application you are engaging Ausgrid to provide you with a connection offer. Once submitted the fee charged is consumed. Ausgrid will aim to provide you with a written response within 10 business days. If additional work and/or fees are required, we will contact you to advise prior to providing the response.

Where this application requests an expedited connection, I declare that I have read and understood the terms and conditions of the connection offer and agree that if the connection is expedited that a contract based on that offer will be formed with Ausgrid on the date that Ausgrid receives the application. Where this application is being made on behalf of a retail customer or real estate developer, I declare that I have obtained the authority of that person to make this application of their behalf, including where applicable, making a request for expedition of the connection application.

*I acknowledge the terms & conditions.

1

2

Back

Save & Share

Download PDF

Pay

3

1. Review your **Declaration** that you understand the Total Price to be paid and the Terms and Conditions.
2. By selecting this box you **acknowledge the terms and conditions.**
3. Click **Pay** to move to the payment screen or Save & Share your application.

Note: You can **Save & Share** your application. Use the **Save & Share** function to email your application form to another person for payment and submission.



Note: The form will not be submitted to Ausgrid until payment has been made.



This declaration summary page is indicative, dependent of the choices you made regarding embedded generation and alterations.

Payment Separation + Alter Existing Connection + Embedded Generation

Payment Confirmation ✕

Do you want to proceed to payment for the amount : AUD Pay

Or

Share application for payment i

Email Address i

Share

Supported by the
CommonwealthBank

Make a BPOINT Payment

Biller Code: 1261338 (Ausgrid - Ausgrid)

Ref#:

Amount (AUD):

Select your payment option:

- To proceed with payment select **Pay** and follow the payment options.

You can send the completed form to a third party to complete the payment. Then instruct that party they will receive an email and they should follow the link to make payment.



Note: only once payment is successfully submitted the application will be received and processed by Ausgrid.



Supported by the
CommonwealthBank

Online Payment

You have entered the following details

Biller Code: 1261338 (Ausgrid - Ausgrid)

Ref#: 0011659

Payment Amount: AUD :

Please enter your card details to proceed

Card Number:

Expiry Date:

CVN:

<< Back
Proceed >>

Service Selection - Amalgamation

Existing Connection Above 100 AMP

Reference Code : 0013095

Location Applicant **Service Selection** Load Details Summary and Payment Complete

Services

What type of service are you seeking?



To provide some of the answers to these questions you may need to consult an electrical contractor or ASP who may need to attend the site.

Back

Save & Share



You can Save & Share your application. Use the Save & Share function to email your application form to another person or yourself.

The service you chose requires you to provide information regarding the physical electrical connection needed for Ausgrid to accurately assess your application and provide you with an appropriate Model Standing Offer for Connection Services. This part of the form allows Ausgrid to determine if you intend to install embedded or standby generation as part of your application. A generating unit is embedded if it will be connected in parallel with Ausgrid's network (even if only momentarily). Examples of embedded generation includes:

- Solar PV
- Gas
- Diesel
- Wind turbine
- Batteries
- Co and Tri-generation

Select the **service** you are seeking by clicking on one of the tiles.

1. **Separation.** Select this option if you wish to divide your current electrical metering to two or more premises.
2. **Amalgamation.** Select this option if you wish to combine two or more premises.
3. **Alter Existing Connection.** Select this option if you already have a connection with Ausgrid and you wish to:
 - i. Alter the Maximum Capacity
 - ii. Alter the Consumer Mains
 - iii. Alter the Switchboard
 - iv. Alter the Connection Points
 - v. Alter an Existing Embedded Generation or Storage Systems
 - vi. Connect a New Embedded Generation or Storage Systems
 - vii. Alter, install or remove a controlled load
 - viii. Alter the Number of Phases
 - ix. Install or replace 'A' pole (Private)
 - x. Alter a Point of Common Coupling
 - xi. Disconnection / Reconnection

Amalgamation – Load Details

Existing Connection Above 100 AMP

Reference Code : 0013095


Location > Applicant > Service Selection > **Load Details** > Summary and Payment > Complete

 Amalgamation

Provide details for the premises that are being permanently disconnected - Gardinia Street, Narwee, 2209

*NMI Meter Number **1**

*Property Type Floor Number Unit/Shop Number **2**

 **Note:** The total number of Premises to be disconnected is the actual number of NMIs that are being permanently disconnected.

Total Number of Premises to be disconnected

1

Provide details for the premises that will remain connected - Gardinia Street, Narwee, 2209

*NMI Meter Number **3** *Premises Usage **4**

*Property Type Floor Number *Unit/Shop Number **5**

*Are you altering the remaining premises ? Yes No **6**

Additional Comments (up to 2000 characters)

Additional Attachment

This section requires you to provide details for the premises that is being permanently **disconnected**.



Permanent Disconnection requests must be located at the same street address ie U1 1 Smith, U2 1 Smith

1. Enter the **National Meter Identifier (NMI)** and a **Meter Number** for the premises to be disconnected.
Note: The NMI can be found on the electricity bill.
2. Select the **Property Type** from the drop down menu for example: House, Unit, Shop etc. Where possible add additional property information such as **Floor Number** and **Unit/Shop Number**. The unit/shop number provided here is for the individual premises. A separate line item is required for each unit/shop connection.
Note: Select for additional Unit / Shop Connections.

This section requires you to provide details for the premises that will **remain connected**.

3. If you have a **National Meter Identifier (NMI)** and a **Meter Number** for the premises which will remain connected.
4. Select the **Premises Usage** details from the drop down menu, for example: Residential, Commercial or Industrial.
5. Select the **Property Type** from the drop down menu for example: House, Unit, Shop etc. Where possible add additional property information such as **Floor Number** and **Unit/Shop Number**.
6. Are you **altering the existing premises**, this includes altering the maximum demand at the existing premises.
 - If **No**, add additional comments and/or attachments then select next to proceed with the application. (Go to summary on next page).
 - If **Yes**. (Go to Alteration existing connection on page 36).

Amalgamation with No Alterations – Declaration

DECLARATION 1

Applicant Name
Miss Ima Modifier
Application Date
06-Jun-2019

[Terms and Conditions:](#)

In submitting this application you are engaging Ausgrid to provide you with a connection offer. Once submitted the fee charged is consumed. Ausgrid will aim to provide you with a written response within 10 business days. If additional work and/or fees are required, we will contact you to advise prior to providing the response.

Where this application requests an expedited connection, I declare that I have read and understood the terms and conditions of the connection offer and agree that if the connection is expedited that a contract based on that offer will be formed with Ausgrid on the date that Ausgrid receives the application. Where this application is being made on behalf of a retail customer or real estate developer, I declare that I have obtained the authority of that person to make this application of their behalf, including where applicable, making a request for expedition of the connection application.

*I acknowledge the terms & conditions. 2

Back

Save & Share

Download PDF

Submit 3

1. Review your **Declaration** that you understand the Terms and Conditions.
2. By selecting this box you **acknowledge the terms and conditions**.
3. Click **Submit** to move to the payment screen or **Save & Share** your application.

Note: You can Save & Share you application. Use the Save & Share function to email your application form to another person for review and submission.



Thank you!

Your Reference Code is:
0013049

This application has been successfully completed.

If you need help or more information, please refer to our [Frequently Asked Questions](#) or email us on datanorth@ausgrid.com.au

If you wish to download a PDF copy of the application, please download below.

Download PDF



A copy of your application can be downloaded in PDF format for your records.

Amalgamation + Alter Existing Connection Load Details



If you selected yes to Alterations on step 6, page 34, you will be required to complete the following steps.

Select a minimum of one option from either of the two tables below. ⓘ

Installation change

| | |
|--|----------------------------|
| Alter Maximum Capacity | <input type="checkbox"/> |
| Alter Consumer Mains | <input type="checkbox"/> |
| Alter Switchboard | <input type="checkbox"/> |
| Alter Connection Point | <input type="checkbox"/> |
| Alter an Existing Embedded Generation / Storage System | <input type="checkbox"/> ⓘ |
| Connect a New Embedded Generation / Storage System | <input type="checkbox"/> |
| Emergency Repairs | <input type="checkbox"/> |
| Install, Alter or Remove Controlled Load | <input type="checkbox"/> |
| Other | <input type="checkbox"/> |

Service change

| | |
|---|----------------------------|
| Alter an Existing Service to a Temporary Builders Supply (TBS) | <input type="checkbox"/> 1 |
| Alter an Existing Temporary Builders Supply (TBS) to a permanent Connection | <input type="checkbox"/> |
| Alter Number of Phases | <input type="checkbox"/> |
| Install or replace 'A' pole (private) | <input type="checkbox"/> |
| Alter Point of Common Coupling | <input type="checkbox"/> |
| Disconnection / Reconnection | <input type="checkbox"/> |
| Emergency Repairs | <input type="checkbox"/> |
| Other | <input type="checkbox"/> |

This section captures the information which is being altered on the existing premises. This includes altering the maximum demand at the existing premises. You can select as many options you need to, which relate to the application.

1. Select all applicable **Installation and Service Changes** to be assessed with the application.

Note: Each option selected will open additional fields to be completed which relate to the changes to the existing premises.



For more information on alterations a detailed step by step guide for Installation and Service Changes can be found on page 65 in this guide.

2. Will you be installing equipment at the premises resulting in **non linear or fluctuating loads**.
 - If **No**, and will **not** alter or connect Embedded Generation proceed to entering dates when premise construction will commence and when the premises will be electrified. (Go to page 39)

Note: if you are **not** installing equipment at the premises resulting in **non linear or fluctuating loads** and you selected **yes** to alter or connect Embedded Generation. (Go to page 39).

- If **Yes**, continue with questions relating to Distorting and Fluctuating loads and special equipment. (Go to page 37).

*I will be installing equipment at the premises that may result in non linear / fluctuating loads ⓘ

Yes No 2



If you Alter an Existing or Connect a New Embedded Generation / Storage System, you will be required to complete the steps on page 42.

Amalgamation + Alter Existing Connection Load Details

Existing Connection Above 100 AMP

Reference Code : 0013095

Location > Applicant > Service Selection > **Load Details** > Summary and Payment > Complete

*1 will be installing equipment at the premises that may result in non linear / fluctuating loads Yes No **1**

Distorting Loads

*1 Phase capacitor-filtered or conventional rectifier **2**

*3 Phase 6-pulse capacitor filtered rectifier / VSD

*3 Phase 6 pulse capacitor filtered rectifier with series inductor > 3% or DC drive / VSD

*3 Phase 6 pulse inductor filtered rectifier / VSD

*3 Phase 12 pulse rectifier / VSD

*AC voltage regulator

*Variable Voltage Variable Frequency (VVVF) drive

*Switch mode power supplies

*Power Factor Correction

*Other

| | | | |
|----------------------|----------------------|----------------------|----------------------|
| *kVA/kW | *Amp | *Design Standard | *Mitigation Measures |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

Fluctuating Loads (including Cranes)

*Rating of the largest motor **3**

*Rating of the second largest motor

*Rating of other frequently fluctuating loads

*Other

| | | | | |
|----------------------|----------------------|--------------------------------|----------------------|-------------------------|
| *kVA/kW | *Amp | *Design Standard | *Mitigation Measures | *Starting Current |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | *Method of Starting | *Hours of Operation | *Number of Operation.Hr |
| | | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | *Equipment Specification | <input type="text"/> | |
| | | Browse File... | | |



If you selected **NO** to non linear / fluctuating loads go to page 11

- Will you be installing equipment at the premises resulting in **non linear or fluctuating loads**.
 - If **No**, proceed to entering dates when premise construction will commence and when the premises will be electrified.
 - If **Yes**, continue with questions relating to non linear and fluctuating loads.
- Select the applicable **Distorting Loads**.

Note: Depending which selection is made you will be required to specify the kVA/kW, Amp, Design Standard and Mitigation Measures.
- Select the applicable **Fluctuating Loads**.

Note: Depending which selection is made additional information will be required, such as the kVA/kW, Amp, Design Standard Mitigation Measures, Starting Current, Method of Starting, Hours of Operation, Number of Operation.Hr and attaching Equipment Specification.

Amalgamation + Alter Existing Connection Load Details

Existing Connection Above 100 AMP

Reference Code : 0013095

Location > Applicant > Service Selection > **Load Details** > Summary and Payment > Complete

Special Equipment

- *X-Ray or Magnetic Resonance Imaging Devices
- *Welding plant rating
- *Arc furnaces rating
- *Unbalanced loads (e.g PH-N / PH-PH loads)
- *Other

1. Select the applicable **Special Equipment**.



Note: Depending which selection is made additional information will be required, such as the kVA/kW, Amp, Design Standard Mitigation Measures, Starting Current, Method of Starting, Hours of Operation, Number of Operation.Hr and attaching Equipment Specification.


2. The Total Apparent Power Ratings (KVA) will be shown.

TOTAL APPARENT POWER RATING (KVA)

kVA/kW: Amp:

| | | | | |
|----------------------|----------------------|--------------------------|---|-------------------------|
| *kVA/kW | *Amp | *Design Standard | *Mitigation Measures | *Starting Current |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | *Method of Starting | *Hours of Operation | *Number of Operation.Hr |
| | | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | *Equipment Specification | <input type="text"/> | |
| | | | <input type="button" value="Browse File..."/> | |

Amalgamation + Alter Existing Connection Load Details

Construction of the premises connection assets will commence  When do you wish to electrify the premises?

1

*Ausgrid has provided a Certified Design Number(CDN) for a Network Augmentation Project associated with the premises Yes No

*Certified Design Number (CDN)

2

*ASP 1 has been appointed Yes No


*ASP Licence Number *ASP 1 Name

3

*Do you have development consent (DA) for your proposal? Yes No

*DA Reference Number

*Attach copy of approved DA



4


*Do you wish to underground / relocate electricity assets in conjunction with this connection application? Yes No

*Underground / relocation details

5

Additional Comments (up to 2000 characters)

Additional Attachment



6

Back

Save & Share

Next

1. Provide the **dates** when construction of the premises connection assets will commence and when you wish to electrify the premises.
2. If Ausgrid has provided a **Certified Design Number (CDN)** for a network augmentation project associated with the premises select 'Yes' and provide this number. (If not click 'No', proceed to next question).
3. If an **ASP1** has been **appointed** select 'Yes' and provide the **ASP Licence Number** and the **ASP1 name**. (If not select 'No', proceed to next question).
4. If **Development Consent** for the proposal has been **granted** select 'Yes' and provide the **DA Reference Number** and also **attach** a copy of the approved DA. (If not select 'No', proceed to next question).
5. If the applicant wants to **underground or relocate electricity assets** in conjunction with this connection application then select 'Yes' and **details must be provided**. (If not select 'No', proceed to next question).
6. Add additional comments and/or attachments then click next to proceed with the application. (Go to the Summary Section on the next page)



If you selected yes to Alter an Existing or Connect a New Embedded Generation / Storage System, you will be required to complete the steps on page 42.

Amalgamation + Alter Existing Connection Summary

Existing Connection Above 100 AMP Reference Code : 0013106

Amalgamation 1

LOCATION

Land Title Type
Strata
Street Number/RMB
39
Location Address
Gardinia Street, Narwee, 2209
Land Zoning
Urban
Location Diagram

| File name | Ausgrid filename reference | Size |
|-------------|------------------------------|----------|
| Diagram.jpg | LocationAttachmentFilePath_1 | 0.063 MB |

2
[Edit]

1. **Review** your application.

2. You will have the option to edit information from this summary page.



This summary page is indicative, dependent of the choices you made regarding embedded generation and alterations.

APPLICANT

Applicant Type
Retail Customer
Full Name
Miss Ima Modifier
Email Address
modifier@gmail
Street Number/RMB
39
Applicant Address
Gardinia Street Narwee 2209
Phone Number
0412123456

LOAD DETAILS 1

PREMISES THAT ARE BEING PERMANENTLY DISCONNECTED

| Premises | NMI | Meter Number |
|-------------------------|-------------|--------------|
| Type: Unit Unit/Shop: 8 | 45000000000 | 123456789 |

Number Of Premises: 1

LOAD DETAILS FOR REMAINING PREMISES

| Premises | NMI | Meter Number |
|--|-----|--------------|
| Usage: Residential Type: Unit Unit/Shop: 7 | | |

Number Of Premises: 1

Are You Altering The Existing Premises?
No

INSTALLATION CHANGE 1

Installation Change Other

Yes

Installation Change Other Specify

Other Change

I Will Be Installing Equipment At The Premises That May Result In Non Linear / Fluctuating Loads

No

Ausgrid Has Provided A Certified Design Number(Cdn) For A Network Augmentation Project Associated With The Premises

No

Asp 1 Has Been Appointed

No

Do You Have Development Consent (Da) For Your Proposal?

No

Do You Wish To Underground / Relocate Electricity Assets In Conjunction With This Connection Application?

No

2

[Edit]

Amalgamation + Alter Existing Connection Expedited Connection

EXPEDITED CONNECTION

Do you want to expedite your connection offer for all premises?

Yes No **1**

You can download the Basic Connection Services Offer - up to 100 Amps for your records here.

2

| | |
|--|---|
| * Basic connection services - 100 Amps connections (Download here) <input type="checkbox"/> | * Basic connection services - over 100 Amps connections (Download here) <input type="checkbox"/> |
| * Basic connection services - Micro EG connections (Download here) <input type="checkbox"/> | * Standard connection services - Ausgrid augmentation (substation upgrade) (Download here) <input type="checkbox"/> |
| * Standard connection services - offsite Ausgrid augmentation works (Download here) <input type="checkbox"/> | * Standard connection services - contestable ASP1 connections (Download here) <input type="checkbox"/> |
| * I do not know which one of these offers is relevant <input type="checkbox"/> | |



The expedited connection process allows you to save time by skipping the offer and acceptance steps to a connection contract. If you request expedition and indicate that a particular model standing offer is acceptable, the contract is taken to have begun on the day we received your connection application, provided we agree that any model standing offer you have nominated is appropriate. If you do not request expedition or you nominate an inappropriate model offer, it could add up to **55 days** to your connection process.

Expediting your connection offer

1. Select **YES** to **expedite your connection**.

Note: By selecting 'Yes', and requesting an expedited connection offer, the connection application will be processed more efficiently because; if Ausgrid agrees that the offer is right for your proposed connection, there is no need for the offer to be sent to you, signed and returned to Ausgrid.



Note: If you select '**No**' Ausgrid will send you an offer that meets your supply requirements.

2. Select your preferred **Connection Offer**.

Note: Additional information about Connection Contracts can be found here:

<https://www.ausgrid.com.au/Connections/Connection-Contracts#.WvYQNhJD8>



You can only select one offer.

Amalgamation + Alter Existing Connection Embedded Generation



If you selected to Alter an Existing or Connect a New Embedded Generation / Storage System, on page 36 you will be required to complete the following steps.

Installation change

*Alter an Existing Embedded Generation / Storage System

Address: Gardinia Street, Narwee, 2209

*How do you intend to operate your Embedded Generation with the Ausgrid network? Parallel Stand By Parallel and Stand By

*The system has been designed as a Stand-by Generation in accordance with AS3010 and NSW service and installation rules Yes No

*Embedded Generation is connected via Inverter Non Inverter Inverter and Non-Inverter

Are you intending to Install or Remove PV Panels or Battery Storage to an Existing Inverter? Yes No

+ Existing Inverter - Existing Inverter + Inverter

Please add existing Inverter.

+ Existing Non-Inverter - Existing Non-Inverter + Non-Inverter

Please add existing capacity.

*Energy Source

Inverter Details

*Inverter Type Manufacturer Name Model Number

*Inverter Phase Inverter Rating kW/kW per Phase Phase A Phase B Phase C

helpful tips Click the Save button to store your information

Cancel Save

*Energy storage will be configured to generate when the network is off. Yes No

1. Select how you will **operate the Embedded Generation**. By selecting “Parallel” you will be generating whilst connected to the Ausgrid network. By Selecting “Standby” or “Parallel and Standby” you intend to operate your Embedded Generation whilst either disconnected from the Ausgrid network, or both.
2. **Note:** By Selecting ‘Standby’ You will be asked to confirm your design is in accordance with AS3010 and NSW Service and Installation Rules.
3. Select how the **Embedded Generation** will be connected, then select to add, select to remove an **Inverter**, select to add or remove a **Non-inverter**. **Note:** Existing inverter is a device already installed at the premises.
4. Select the **Energy Source** from the drop down list: **PV only, Battery only, PV and Battery, Fuel Cell** or **Other**.
5. Enter the **Inverter Details**, by selecting the **Inverter Type**; **Grid Connect, Multiple Mode, Micro Inverters** or **Other**. Select to **Invert Phase** from **Single** or **Three**, specify the total generation in kW and complete the information relevant to the Inverter.
6. Confirm if **energy storage** will be configured to generate when the network is off.

Amalgamation – Embedded Generation + Alter Existing Connection


New Inverter

*Energy Source 1

Inverter Details

*Inverter Type 2 Manufacturer Name 3 Model Number

*Inverter Phase 3 Inverter Rating kW/kW per Phase Phase A Phase B Phase C

 Click the **Save** button to store your information


Cancel Save

*Energy storage will be configured to generate when the network is off. Yes No 4

New Generation Unit (GU) Details

*Generation Type 5 Manufacturer Name 6 Model Number

*Generation Phase 6 GU Nameplate Rating in kW Phase A Phase B Phase C

 Click the **Save** button to store your information

Cancel Save

1. For a **New Inverter** select the **Energy Source** from the drop down list: PV only, Battery only, PV and Battery, Fuel Cell or Other.
2. Enter the **Inverter Details**, by selecting the **Inverter Type**; Grid Connect, Multiple Mode, Micro Inverters or Other.
3. Select to **Inverter Phase** from Single or Three, specify the total generation in kW and complete the information relevant to the Inverter. Click **Save** to add the information.
4. Confirm if the **Energy Storage** will be configured to generate when the network is off.
5. For a **New Generation Unit** select the **Generation Type** from the drop down list: Rotating Machine, Hydro or Other.
Note: You will be asked to supply the kW.
6. Select the **Generation Phase** from either Single or Three, then enter the Generating Unit (GU) Nameplate rating in Kw. Click **Save** to add the information.

Amalgamation + Alter Existing Connection Embedded Generation

Existing Connection Above 100 AMP

Reference Code : 0013095

Location > Applicant > Service Selection > Load Details > **Embedded Generation** > Summary and Payment

Complete >

| Premises | Storage kW | Other Power kW | Generation kW | Inverter kW (A+ B + C) = Total | Generation kW (non- inverter) | Generation Total kW |
|--|------------|----------------|---------------|-----------------------------------|-------------------------------|---------------------|
| Usage: Residential Type: Unit Unit/Shop: 7 | 100 | 0 | 0 | A: 100 + B: 0 + C: 0 = 100 | 100 | 200 |
| Total | 100 | 0 | 0 | A: 100 + B: 0 + C: 0 = 100 | 100 | 200 |

1. Attach the **Single Line Diagram**.
2. Attach the **Control / Protection Settings and Schematic Diagrams**. Refer to NS194 for parallel generation requirements.
3. Select **Yes** if your application is multi-tenanted or embedded network. Enter the **Total existing inverter connected generation kW**.

Note: Examples of multi-tenanted premises or imbedded networks may include apartment blocks, retirement village, shopping centres etc.

***Single Line Diagram**

1

***Control/protection settings and schematic diagrams** ⓘ

2

My installation is part of a multi-tenanted premises or embedded network that has existing inverter connected Generation installed. ⓘ

Yes No 3

***Total existing inverter connected generation kW**

Amalgamation + Alter Existing Connection Embedded Generation

Existing Connection Above 100 AMP

Reference Code : 0013095



Declaration

I confirm that the system meets each of the following conditions:

- | | | |
|--------------------------|---|---|
| <input type="checkbox"/> | *I have made efforts to identify any other premises with Embedded Generation that share the network connection that this application pertains to, and have provided those details (where relevant) within this application. | 1 |
| <input type="checkbox"/> | *The installer and equipment have current approval from the Australian Clean Energy Council (CEC). | 3 |
| <input type="checkbox"/> | *Proposed inverter(s) complies with the voltage rise requirements of NSW Service and Installation Rules | 3 |
| <input type="checkbox"/> | *Proposed inverter(s) have Volt-VAR and Volt-Watt response modes enabled. | 3 |
| <input type="checkbox"/> | *In preparing this application I have considered the requirements of NS194 Connection of Embedded Generators | 3 |
| <input type="checkbox"/> | *In preparing this application I have considered the requirements of the Service and Installation Rules of NSW | 3 |
| <input type="checkbox"/> | *In preparing this application I have considered the requirements of the AS/NZS3000:2018 The Wiring Rules. | 3 |
| <input type="checkbox"/> | *In preparing this application I have considered the requirements of the AS/NZS4777 Grid connection of energy systems via inverters | 3 |

1. Select the declaration for each item that:

- i. You have made contact with the Property Managers / Body Corporates to confirm that you have all the information related to the site / facility at which the premises exist.

- ii. The installer and equipment have current approval from the Australian Clean Energy Council:
www.cleanenergycouncil.org.au/

iii. Inverters comply voltage rise requirements:

<https://energy.nsw.gov.au/government-and-regulation/legislative-and-regulatory-requirements/service-installation-rules>

iv. Inverters have Volt-VAR and Volt-Watt response modes enabled:

<https://energy.nsw.gov.au/government-and-regulation/legislative-and-regulatory-requirements/service-installation-rules>

v. You have considered the requirements for NS194

Connection of Embedded Generators:

<https://www.ausgrid.com.au/ASPs-and-Contractors/Technical-documentation/Network-Standards>

vi. You have considered the requirements of the Service and Installation Rules of NSW:

<https://energy.nsw.gov.au/government-and-regulation/legislative-and-regulatory-requirements/service-installation-rules>

vii. You have considered the requirements of the

AS/NZS3000:2018 Wiring Rules, more information can be found at: <https://www.saiglobal.com/online/>

viii. You have considered the requirements of the AS/NZS4777

Grid Connection of energy systems via inverters:

<https://www.saiglobal.com/online/>

Amalgamation + Alter Existing Connection + Embedded Generation Summary

Existing Connection Above 100 AMP Reference Code : 0013106

Amalgamation + Embedded Generation 1

LOCATION

Land Title Type
Strata
Street Number/RMB
39
Location Address
Gardinia Street, Narwee, 2209
Land Zoning
Urban
Location Diagram

| File name | Ausgrid filename reference | Size |
|-------------|------------------------------|----------|
| Diagram.jpg | LocationAttachmentFilePath_1 | 0.063 MB |

2 [Edit]

1. Review your application.
2. You will have the option to edit information from this summary page.



This summary page is indicative, dependent of the choices you made regarding embedded generation and alterations.

APPLICANT

Applicant Type
Retail Customer
Full Name
Miss Ima Modifier
Email Address
modifier@gmail
Street Number/RMB
39
Applicant Address
Gardinia Street Narwee 2209
Phone Number
0412123456

LOAD DETAILS 1

PREMISES THAT ARE BEING PERMANENTLY DISCONNECTED

| Premises | NMI | Meter Number |
|-------------------------|-----------|--------------|
| Type: Shop Unit/Shop: 8 | 400000002 | |

Number Of Premises: 1

LOAD DETAILS FOR REMAINING PREMISES

| Premises | NMI |
|---|-----------|
| Usage: Commercial Type: Shop Unit/Shop: 7 | 400000003 |

Number Of Premises: 1

Are You Altering The Existing Premises?
Yes

EMBEDDED GENERATION 1

USAGE: COMMERCIAL TYPE: SHOP UNIT/SHOP: 7

How Do You Intend To Operate Your Embedded Generation With The Ausgrid Network?
Parallel
Embedded Generation Is Connected Via
Inverter
Are You Intending To Install Or Remove Pv Panels Or Battery Storage To An Existing Inverter?
No

INVERTERS

| EXISTING INVERTER | Total Generation Kw | Inverter Type |
|-------------------|---------------------|---------------|
| Energy Source | | |

INSTALLATION CHANGE

Alter An Existing Embedded Generation / Storage System
Yes
I Will Be Installing Equipment At The Premises That May Result In Non Linear / Fluctuating Loads
No

Ausgrid Has Provided A Certified Design Number(Cdn) For A Network Augmentation Project Associated With The Premises
No
Asp 1 Has Been Appointed
No
Do You Have Development Consent (Da) For Your Proposal?
No
Do You Wish To Underground / Relocate Electricity Assets In Conjunction With This Connection Application?
No

2 [Edit]

Amalgamation + Alter Existing Connection + Embedded Generation Expedited Connection

EXPEDITED CONNECTION

Do you want to expedite your connection offer for all premises?

Yes No **1**

You can download the Basic Connection Services Offer - up to 100 Amps for your records here.

2

| | |
|--|---|
| * Basic connection services - 100 Amps connections (Download here) <input type="checkbox"/> | * Basic connection services - over 100 Amps connections (Download here) <input type="checkbox"/> |
| * Basic connection services - Micro EG connections (Download here) <input type="checkbox"/> | * Standard connection services - Ausgrid augmentation (substation upgrade) (Download here) <input type="checkbox"/> |
| * Standard connection services - offsite Ausgrid augmentation works (Download here) <input type="checkbox"/> | * Standard connection services - contestable ASP1 connections (Download here) <input type="checkbox"/> |
| * I do not know which one of these offers is relevant <input type="checkbox"/> | |



The expedited connection process allows you to save time by skipping the offer and acceptance steps to a connection contract. If you request expedition and indicate that a particular model standing offer is acceptable, the contract is taken to have begun on the day we received your connection application, provided we agree that any model standing offer you have nominated is appropriate. If you do not request expedition or you nominate an inappropriate model offer, it could add up to **55 days** to your connection process.

Expediting your connection offer

1. Select **YES** to expedite your connection.

Note: By selecting 'Yes', and requesting an expedited connection offer, the connection application will be processed more efficiently because; if Ausgrid agrees that the offer is right for your proposed connection, there is no need for the offer to be sent to you, signed and returned to Ausgrid.



Note: If you select '**No**' Ausgrid will send you an offer that meets your supply requirements.

2. Select your preferred **Connection Offer**.

Note: Additional information about Connection Contracts can be found here:

<https://www.ausgrid.com.au/Connections/Connection-Contracts#.WvvYQNhJD8>



You can only select one offer.

Amalgamation – Declaration

1

DECLARATION

| | |
|---|----------------------------|
| Applicant Name | |
| Miss Ima Modifier | |
| Application Date | |
| 06-Jun-2019 | |
| Price Description | Price including GST |
| Above 100 Amps Connection Offer - Technical Assessment required 1 x | AUD \$ |
| Total Price | AUD \$ |

[Terms and Conditions:](#)

In submitting this application you are engaging Ausgrid to provide you with a connection offer. Once submitted the fee charged is consumed. Ausgrid will aim to provide you with a written response within 10 business days. If additional work and/or fees are required, we will contact you to advise prior to providing the response.

Where this application requests an expedited connection, I declare that I have read and understood the terms and conditions of the connection offer and agree that if the connection is expedited that a contract based on that offer will be formed with Ausgrid on the date that Ausgrid receives the application. Where this application is being made on behalf of a retail customer or real estate developer, I declare that I have obtained the authority of that person to make this application of their behalf, including where applicable, making a request for expedition of the connection application.

*I acknowledge the terms & conditions.

2

1. Review your **Declaration** that you understand the Total Price to be paid and the Terms and Conditions.
2. By selecting this box you **acknowledge the terms and conditions**.
3. Click **Pay** to move to the payment screen or **Save & Share** your application.

Note: You can Save & Share you application. Use the Save & Share function to email your application form to another person for payment and submission.



Note: The form will not be submitted to Ausgrid until payment has been made.

Back

Save & Share

Download PDF

Pay 3



This declaration summary page is indicative, dependent of the choices you made regarding embedded generation and alterations.

Amalgamation - Payment

Payment Confirmation

Do you want to proceed to payment for the amount : AUD

Pay

Or

Share application for payment

Email Address



Share



Make a BPOINT Payment

Biller Code: 1261338 (Ausgrid - Ausgrid)

Ref#: 0011659

Amount (AUD):

Select your payment option:



- To proceed with payment select **Pay** and follow the payment options.



You can send the completed form to a third party to complete the payment. Then instruct that party they will receive an email and they should follow the link to make payment.

Note: only once payment is successfully submitted the application will be received and processed by Ausgrid.



Online Payment

You have entered the following details

Biller Code: 1261338 (Ausgrid - Ausgrid)

Ref#: 0011659

Payment Amount: AUD :

Please enter your card details to proceed

Card Number: VISA

Expiry Date: MM YY

CVN:

<< Back Proceed >>

Service Selection – Alter Existing Connection

Existing Connection Above 100 AMP

Reference Code : 0013095

Location Applicant **Service Selection** Load Details Summary and Payment Complete

Services

What type of service are you seeking?

1 Separation

2 Amalgamation

3 Alter Existing Connection



To provide some of the answers to these questions you may need to consult an electrical contractor or ASP who may need to attend the site.

Back

Save & Share



You can Save & Share your application. Use the Save & Share function to email your application form to another person or yourself.

The service you chose requires you to provide information regarding the physical electrical connection needed for Ausgrid to accurately assess your application and provide you with an appropriate Model Standing Offer for Connection Services. This part of the form allows Ausgrid to determine if you intend to install embedded or standby generation as part of your application. A generating unit is embedded if it will be connected in parallel with Ausgrid's network (even if only momentarily). Examples of embedded generation includes:

- Solar PV
- Gas
- Diesel
- Wind turbine
- Batteries
- Co and Tri-generation

Select the **service** you are seeking by clicking on one of the tiles.

1. **Separation.** Select this option if you wish to divide your current electrical metering to two or more premises.
2. **Amalgamation.** Select this option if you wish to combine two or more premises.
3. **Alter Existing Connection.** Select this option if you already have a connection with Ausgrid and you wish to:
 - i. Alter the Maximum Capacity
 - ii. Alter the Consumer Mains
 - iii. Alter the Switchboard
 - iv. Alter the Connection Points
 - v. Alter an Existing Embedded Generation or Storage Systems
 - vi. Connect a New Embedded Generation or Storage Systems
 - vii. Alter, install or remove a controlled load
 - viii. Alter the Number of Phases
 - ix. Install or replace 'A' pole (Private)
 - x. Alter a Point of Common Coupling
 - xi. Disconnection / Reconnection

Alter Existing Connection Load Details

Existing Connection Above 100 AMP

Reference Code : 0013095



Alter Existing Connection

Select a minimum of one option from either of the two tables below. ⓘ

| Installation change | Service change |
|---|--|
| Alter Maximum Capacity <input type="checkbox"/> | Alter an Existing Service to a Temporary Builders Supply (TBS) <input type="checkbox"/> |
| Alter Consumer Mains <input type="checkbox"/> | Alter an Existing Temporary Builders Supply (TBS) to a permanent Connection <input type="checkbox"/> |
| Alter Switchboard <input type="checkbox"/> | Alter Number of Phases <input type="checkbox"/> |
| Alter Connection Point <input type="checkbox"/> | Install or replace 'A' pole (private) <input type="checkbox"/> |
| Alter an Existing Embedded Generation / Storage System <input type="checkbox"/> ⓘ | Alter Point of Common Coupling <input type="checkbox"/> |
| Connect a New Embedded Generation / Storage System <input type="checkbox"/> | Disconnection / Reconnection <input type="checkbox"/> |
| Emergency Repairs <input type="checkbox"/> | Emergency Repairs <input type="checkbox"/> |
| Install, Alter or Remove Controlled Load <input type="checkbox"/> | Other <input type="checkbox"/> |
| Other <input type="checkbox"/> | |

This section captures the information which is being altered on the existing premises. This includes altering the maximum demand at the existing premises. You can select as many options you need which relate to the application.

1. Select all applicable **Installation and Service Changes** to be assessed with the application.

Note: Each option selected will open additional fields to be completed which relate to the changes to the existing premises.



Detailed alteration step by step guide for Installation and Service Changes please refer to page 65 in this guide.

Alter Existing Connection Load Details

Existing Connection Above 100 AMP

Reference Code : 0013095

Location > Applicant > Service Selection > **Load Details** > Summary and Payment > Complete

*1 Will be installing equipment at the premises that may result in non linear / fluctuating loads 

Yes No **1**

Distorting Loads

*1 Phase capacitor-filtered or conventional rectifier **2**

*3 Phase 6-pulse capacitor filtered rectifier / VSD

*3 Phase 6 pulse capacitor filtered rectifier with series inductor > 3% or DC drive / VSD

*3 Phase 6 pulse inductor filtered rectifier / VSD

*3 Phase 12 pulse rectifier / VSD

*AC voltage regulator

*Variable Voltage Variable Frequency (VVVF) drive

*Switch mode power supplies


*Power Factor Correction

*Other

*kVA/kW

*Amp

*Design Standard

*Mitigation Measures 

Fluctuating Loads (including Cranes)

*Rating of the largest motor **3**

*Rating of the second largest motor

*Rating of other frequently fluctuating loads


*Other

*kVA/kW

*Amp

*Design Standard

*Mitigation Measures


*Starting Current 

*Method of Starting

*Hours of Operation

*Number of Operation.Hr

*Equipment Specification

 Browse File...



If you ticked **NO** to non linear / fluctuating loads go to page 54

- Will you be installing equipment at the premises resulting in **non linear or fluctuating loads**.
 - If **No**, proceed to entering dates when premise construction will commence and when the premises will be electrified.
 - If **Yes**, continue with questions relating to non linear and fluctuating loads.

- Select the applicable **Distorting Loads**.



Note: Depending which selection is made you will be required to specify the kVA/kW, Amp, Design Standard and Mitigation Measures.

- Select the applicable **Fluctuating Loads**.



Note: Depending which selection is made additional information will be required, such as the kVA/kW, Amp, Design Standard Mitigation Measures, Starting Current, Method of Starting, Hours of Operation, Number of Operation.Hr and attaching Equipment Specification.

Alter Existing Connection Load Details

Existing Connection Above 100 AMP

Reference Code : 0013095

Location > Applicant > Service Selection > **Load Details** > Summary and Payment > Complete

Special Equipment

- *X-Ray or Magnetic Resonance Imaging Devices
- *Welding plant rating
- *Arc furnaces rating
- *Unbalanced loads (e.g PH-N / PH-PH loads)
- *Other

TOTAL APPARENT POWER RATING (KVA) kVA/kW Amp

0 0 **2**

| | | | | |
|----------------------|----------------------|--------------------------|--|-------------------------|
| *kVA/kW | *Amp | *Design Standard | *Mitigation Measures | *Starting Current |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | *Method of Starting | *Hours of Operation | *Number of Operation.Hr |
| | | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | *Equipment Specification | <input type="text"/> | |
| | | | <input type="text"/> | |
| | | | <input style="background-color: #0070C0; color: white; padding: 5px; border: none;" type="button" value="Browse File..."/> | |

1. Select the applicable **Special Equipment**.



Note: Depending which selection is made additional information will be required, such as the kVA/kW, Amp, Design Standard Mitigation Measures, Starting Current, Method of Starting, Hours of Operation, Number of Operation.Hr and attaching Equipment Specification.

2. The Total Apparent Power Ratings (KVA) will be shown.

Alter Existing Connection Load Details

Construction of the premises connection assets will commence  When do you wish to electrify the premises? 

1

*Ausgrid has provided a Certified Design Number(CDN) for a Network Augmentation Project associated with the premises Yes No

*Certified Design Number (CDN)

2


*ASP 1 has been appointed Yes No

*ASP Licence Number *ASP 1 Name

3

*Do you have development consent (DA) for your proposal? Yes No

*DA Reference Number

*Attach copy of approved DA 

4


*Do you wish to underground / relocate electricity assets in conjunction with this connection application? Yes No

*Underground / relocation details

5

Additional Comments (up to 2000 characters)

6

Additional Attachment 

Back Save & Share Next

1. Provide the **dates** when construction of the premises connection assets will commence and when you wish to electrify the premises.
2. If Ausgrid has provided a **Certified Design Number (CDN)** for a network augmentation project associated with the premises select 'Yes' and provide this number. (If not click 'No', proceed to next question).
3. If an **ASP1** has been **appointed** select 'Yes' and provide the **ASP Licence Number** and the **ASP1 name**. (If not select 'No', proceed to next question).
4. If **Development Consent** for the proposal has been **granted** select 'Yes' and provide the **DA Reference Number** and also **attach** a copy of the approved DA. (If not select 'No', proceed to next question).
5. If the applicant wants to **underground or relocate electricity assets** in conjunction with this connection application then select 'Yes' and **details must be provided**. (If not select 'No', proceed to next question).
6. Add additional comments and/or attachments then click next to proceed with the application. (Go to the Summary Section on the next page)



If you selected yes to Alter an Existing or Connect a New Embedded Generation / Storage System, you will be required to complete the steps on page 57.

Alter Existing Connection Summary

Existing Connection Above 100 AMP Reference Code : 0013106

[Amalgamation](#) 1

LOCATION

Land Title Type
Strata
Street Number/RMB
39
Location Address
Gardinia Street, Narwee, 2209
Land Zoning
Urban
Location Diagram

| File name | Ausgrid filename reference | Size |
|-------------|------------------------------|----------|
| Diagram.jpg | LocationAttachmentFilePath_1 | 0.063 MB |

2
[Edit]

1. **Review** your application

2. You will have the option to edit information from this summary page.



This summary page is indicative, dependent of the choices you made regarding embedded generation and alterations.

APPLICANT

Applicant Type
Retail Customer
Full Name
Miss Ima Modifier
Email Address
modifier@gmail
Street Number/RMB
39
Applicant Address
Gardinia Street Narwee 2209
Phone Number
0412123456

LOAD DETAILS 1

PREMISES THAT ARE BEING PERMANENTLY DISCONNECTED

| Premises | NMI | Meter Number |
|-------------------------|-------------|--------------|
| Type: Unit Unit/Shop: 8 | 45000000000 | 123456789 |

Number Of Premises: 1

LOAD DETAILS FOR REMAINING PREMISES

| Premises | NMI | Meter Number |
|--|-----|--------------|
| Usage: Residential Type: Unit Unit/Shop: 7 | | |

Number Of Premises: 1

Are You Altering The Existing Premises?
No

INSTALLATION CHANGE 1

Installation Change Other

Yes

Installation Change Other Specify

Other Change

I Will Be Installing Equipment At The Premises That May Result In Non Linear / Fluctuating Loads

No

Ausgrid Has Provided A Certified Design Number(Cdn) For A Network Augmentation Project Associated With The Premises

No

Asp 1 Has Been Appointed

No

Do You Have Development Consent (Da) For Your Proposal?

No

Do You Wish To Underground / Relocate Electricity Assets In Conjunction With This Connection Application?

No

2

[Edit]

Alter Existing Connection Expedited Connection

EXPEDITED CONNECTION

Do you want to expedite your connection offer for all premises?

Yes No **1**

You can download the Basic Connection Services Offer - up to 100 Amps for your records here.

2

| | |
|--|---|
| * Basic connection services - 100 Amps connections (Download here) <input type="checkbox"/> | * Basic connection services - over 100 Amps connections (Download here) <input type="checkbox"/> |
| * Basic connection services - Micro EG connections (Download here) <input type="checkbox"/> | * Standard connection services - Ausgrid augmentation (substation upgrade) (Download here) <input type="checkbox"/> |
| * Standard connection services - offsite Ausgrid augmentation works (Download here) <input type="checkbox"/> | * Standard connection services - contestable ASP1 connections (Download here) <input type="checkbox"/> |
| * I do not know which one of these offers is relevant <input type="checkbox"/> | |



The expedited connection process allows you to save time by skipping the offer and acceptance steps to a connection contract. If you request expedition and indicate that a particular model standing offer is acceptable, the contract is taken to have begun on the day we received your connection application, provided we agree that any model standing offer you have nominated is appropriate. If you do not request expedition or you nominate an inappropriate model offer, it could add up to **55 days** to your connection process.

Expediting your connection offer

1. Select **YES** to **expedite your connection**.

Note: By selecting 'Yes', and requesting an expedited connection offer, the connection application will be processed more efficiently because; if Ausgrid agrees that the offer is right for your proposed connection, there is no need for the offer to be sent to you, signed and returned to Ausgrid.



Note: If you select '**No**' Ausgrid will send you an offer that meets your supply requirements.

2. Select your preferred **Connection Offer**.

Note: Additional information about Connection Contracts can be found here:

<https://www.ausgrid.com.au/Connections/Connection-Contracts#.WvvYQNhJD8>



You can only select one offer.

Alter Existing Connection Embedded Generation



If you selected to Alter an Existing or Connect a New Embedded Generation / Storage System, on page 51 you will be required to complete the following steps.

Installation change

*Alter an Existing Embedded Generation / Storage System

Address: Gardinia Street, Narwee, 2209

*How do you intend to operate your Embedded Generation with the Ausgrid network? Parallel Stand By Parallel and Stand By

*The system has been designed as a Stand-by Generation in accordance with AS3010 and NSW service and installation rules Yes No

*Embedded Generation is connected via Inverter Non Inverter Inverter and Non-Inverter

Are you intending to Install or Remove PV Panels or Battery Storage to an Existing Inverter? Yes No

+ Existing Inverter - Existing Inverter + Inverter

Please add existing Inverter.

+ Existing Non-Inverter - Existing Non-Inverter + Non-Inverter

Please add existing capacity.

*Energy Source

Inverter Details

*Inverter Type Manufacturer Name Model Number

*Inverter Phase Inverter Rating kW/kW per Phase Phase A Phase B Phase C

helpful tips Click the Save button to store your information

Cancel Save

*Energy storage will be configured to generate when the network is off. Yes No

1. Select how you will **operate the Embedded Generation**. By selecting "Parallel" you will be generating whilst connected to the Ausgrid network. By Selecting "Standby" or "Parallel and Standby" you intend to operate your Embedded Generation whilst either disconnected from the Ausgrid network, or both.
2. **Note:** By Selecting 'Standby' You will be asked to confirm your design is in accordance with AS3010 and NSW Service and Installation Rules.
3. Select how the **Embedded Generation** will be connected, then select to add, select to remove an **Inverter**, select to add or remove a **Non-inverter**.
Note: Existing inverter is a device already installed at the premises.
4. Select the **Energy Source** from the drop down list: **PV only, Battery only, PV and Battery, Fuel Cell or Other**.
5. Enter the **Inverter Details**, by selecting the **Inverter Type; Grid Connect, Multiple Mode, Micro Inverters or Other**.
Select to **Invert Phase** from **Single or Three**, specify the total generation in kW and complete the information relevant to the Inverter.
6. Confirm if **energy storage** will be configured to generate when the network is off.

Alter Existing Connection Embedded Generation


New Inverter

*Energy Source 1

Inverter Details

*Inverter Type Manufacturer Name Model Number 2

*Inverter Phase Inverter Rating kW/kW per Phase Phase A Phase B Phase C 3


 Click the **Save** button to store your information

*Energy storage will be configured to generate when the network is off. Yes No 4

New Generation Unit (GU) Details

*Generation Type Manufacturer Name Model Number 5

*Generation Phase GU Nameplate Rating in kW Phase A Phase B Phase C 6

 Click the **Save** button to store your information

1. For a **New Inverter** select the **Energy Source** from the drop down list: PV only, Battery only, PV and Battery, Fuel Cell or Other.
2. Enter the **Inverter Details**, by selecting the **Inverter Type**; Grid Connect, Multiple Mode, Micro Inverters or Other.
3. Select to **Inverter Phase** from Single or Three, specify the total generation in kW and complete the information relevant to the Inverter. Click **Save** to add the information.
4. Confirm if the **Energy Storage** will be configured to generate when the network is off.
5. For a **New Generation Unit** select the **Generation Type** from the drop down list: Rotating Machine, Hydro or Other.
Note: You will be asked to supply the kW.
6. Select the **Generation Phase** from either Single or Three, then enter the Generating Unit (GU) Nameplate rating in Kw. Click **Save** to add the information.

Alter Existing Connection Embedded Generation

Existing Connection Above 100 AMP

Reference Code : 0013095

Location > Applicant > Service Selection > Load Details > **Embedded Generation** > Summary and Payment

Complete >

Summary

| Premises | Storage kW | Other Power kW | Generation kW | Inverter kW (A+ B + C) = Total | Generation kW (non- inverter) | Generation Total kW |
|--|------------|----------------|---------------|-----------------------------------|-------------------------------|---------------------|
| Usage: Residential Type: Unit Unit/Shop: 7 | 100 | 0 | 0 | A: 100 + B: 0 + C: 0 = 100 | 100 | 200 |
| Total | 100 | 0 | 0 | A: 100 + B: 0 + C: 0 = 100 | 100 | 200 |

1. Attach the **Single Line Diagram**.
2. Attach the **Control / Protection Settings and Schematic Diagrams**. Refer to NS194 for parallel generation requirements.
3. Select **Yes** if your application is multi-tenanted or embedded network. Enter the **Total existing inverter connected generation kW**.

Note: Examples of multi-tenanted premises or imbedded networks may include apartment blocks, retirement village, shopping centres etc.

*Single Line Diagram

1

*Control/protection settings and schematic diagrams ⓘ

2

My installation is part of a multi-tenanted premises or embedded network that has existing inverter connected Generation installed. ⓘ

Yes No

*Total existing inverter connected generation kW

3

Alter Existing Connection Embedded Generation

Existing Connection Above 100 AMP

Reference Code : 0013095



Declaration

I confirm that the system meets each of the following conditions:

1

- *I have made efforts to identify any other premises with Embedded Generation that share the network connection that this application pertains to, and have provided those details (where relevant) within this application. ⓘ
- *The installer and equipment have current approval from the Australian Clean Energy Council (CEC). ⓘ
- *Proposed inverter(s) complies with the voltage rise requirements of NSW Service and Installation Rules ⓘ
- *Proposed inverter(s) have Volt-VAR and Volt-Watt response modes enabled. ⓘ
- *In preparing this application I have considered the requirements of NS194 Connection of Embedded Generators ⓘ
- *In preparing this application I have considered the requirements of the Service and Installation Rules of NSW ⓘ
- *In preparing this application I have considered the requirements of the AS/NZS3000:2018 The Wiring Rules. ⓘ
- *In preparing this application I have considered the requirements of the AS/NZS4777 Grid connection of energy systems via inverters ⓘ

1. Select the declaration for each item that:

- i. You have made contact with the Property Managers / Body Corporates to confirm that you have all the information related to the site / facility at which the premises exist.

- ii. The installer and equipment have current approval from the Australian Clean Energy Council:
www.cleanenergycouncil.org.au/

iii. Inverters comply voltage rise requirements:

<https://energy.nsw.gov.au/government-and-regulation/legislative-and-regulatory-requirements/service-installation-rules>

iv. Inverters have Volt-VAR and Volt-Watt response modes enabled: <https://energy.nsw.gov.au/government-and-regulation/legislative-and-regulatory-requirements/service-installation-rules>

<https://energy.nsw.gov.au/government-and-regulation/legislative-and-regulatory-requirements/service-installation-rules>

v. You have considered the requirements for NS194 Connection of Embedded Generators:

<https://www.ausgrid.com.au/ASPs-and-Contractors/Technical-documentation/Network-Standards>

vi. You have considered the requirements of the Service and Installation Rules of NSW:

<https://energy.nsw.gov.au/government-and-regulation/legislative-and-regulatory-requirements/service-installation-rules>

vii. You have considered the requirements of the AS/NZS3000:2018 Wiring Rules, more information can be found at: <https://www.saiglobal.com/online/>

viii. You have considered the requirements of the AS/NZS4777 Grid Connection of energy systems via inverters:
<https://www.saiglobal.com/online/>

Alter Existing Connection + Embedded Generation Summary

Existing Connection Above 100 AMP Reference Code : 0013106

Amalgamation + Embedded Generation 1

LOCATION

Land Title Type
Strata
Street Number/RMB
39
Location Address
Gardinia Street, Narwee, 2209
Land Zoning
Urban
Location Diagram

| File name | Ausgrid filename reference | Size |
|-------------|------------------------------|----------|
| Diagram.jpg | LocationAttachmentFilePath_1 | 0.063 MB |

2 [Edit]

1. Review your application.
2. You will have the option to edit information from this summary page.



This summary page is indicative, dependent of the choices you made regarding embedded generation and alterations.

APPLICANT

Applicant Type
Retail Customer
Full Name
Miss Ima Modifier
Email Address
modifier@gmail
Street Number/RMB
39
Applicant Address
Gardinia Street Narwee 2209
Phone Number
0412123456

LOAD DETAILS 1

PREMISES THAT ARE BEING PERMANENTLY DISCONNECTED

| Premises | NMI | Meter Number |
|-------------------------|-----------|--------------|
| Type: Shop Unit/Shop: 8 | 400000002 | |

Number Of Premises: 1

LOAD DETAILS FOR REMAINING PREMISES

| Premises | NMI |
|---|-----------|
| Usage: Commercial Type: Shop Unit/Shop: 7 | 400000003 |

Number Of Premises: 1

Are You Altering The Existing Premises?
Yes

EMBEDDED GENERATION 1

USAGE: COMMERCIAL TYPE: SHOP UNIT/SHOP: 7

How Do You Intend To Operate Your Embedded Generation With The Ausgrid Network?
Parallel
Embedded Generation Is Connected Via
Inverter
Are You Intending To Install Or Remove Pv Panels Or Battery Storage To An Existing Inverter?
No

INVERTERS

| EXISTING INVERTER | Total Generation Kw | Inverter Type |
|-------------------|---------------------|---------------|
| Energy Source | | |

INSTALLATION CHANGE

Alter An Existing Embedded Generation / Storage System
Yes
I Will Be Installing Equipment At The Premises That May Result In Non Linear / Fluctuating Loads
No

Ausgrid Has Provided A Certified Design Number(Cdn) For A Network Augmentation Project Associated With The Premises
No
Asp 1 Has Been Appointed
No
Do You Have Development Consent (Da) For Your Proposal?
No
Do You Wish To Underground / Relocate Electricity Assets In Conjunction With This Connection Application?
No

2 [Edit]

Alter Existing Connection + Embedded Generation Expedited Connection

EXPEDITED CONNECTION

Do you want to expedite your connection offer for all premises?

Yes No **1**

You can download the Basic Connection Services Offer - up to 100 Amps for your records here.

2

| | |
|--|---|
| * Basic connection services - 100 Amps connections (Download here) <input type="checkbox"/> | * Basic connection services - over 100 Amps connections (Download here) <input type="checkbox"/> |
| * Basic connection services - Micro EG connections (Download here) <input type="checkbox"/> | * Standard connection services - Ausgrid augmentation (substation upgrade) (Download here) <input type="checkbox"/> |
| * Standard connection services - offsite Ausgrid augmentation works (Download here) <input type="checkbox"/> | * Standard connection services - contestable ASP1 connections (Download here) <input type="checkbox"/> |
| * I do not know which one of these offers is relevant <input type="checkbox"/> | |



The expedited connection process allows you to save time by skipping the offer and acceptance steps to a connection contract. If you request expedition and indicate that a particular model standing offer is acceptable, the contract is taken to have begun on the day we received your connection application, provided we agree that any model standing offer you have nominated is appropriate. If you do not request expedition or you nominate an inappropriate model offer, it could add up to **55 days** to your connection process.

Expediting your connection offer

1. Select **YES** to expedite your connection.

Note: By selecting 'Yes', and requesting an expedited connection offer, the connection application will be processed more efficiently because; if Ausgrid agrees that the offer is right for your proposed connection, there is no need for the offer to be sent to you, signed and returned to Ausgrid.



Note: If you select '**No**' Ausgrid will send you an offer that meets your supply requirements.

2. Select your preferred **Connection Offer**.

Note: Additional information about Connection Contracts can be found here:

<https://www.ausgrid.com.au/Connections/Connection-Contracts#.WvYQNhJD8>



You can only select one offer.

Alter Existing Connection + Embedded Generation Declaration

1

DECLARATION

| | |
|---|---------------------|
| Applicant Name | |
| Miss Ima Modifier | |
| Application Date | |
| 06-Jun-2019 | |
| Price Description | Price including GST |
| Above 100 Amps Connection Offer - Technical Assessment required 1 x | AUD \$ |
| Total Price | AUD \$ |

[Terms and Conditions:](#)

In submitting this application you are engaging Ausgrid to provide you with a connection offer. Once submitted the fee charged is consumed. Ausgrid will aim to provide you with a written response within 10 business days. If additional work and/or fees are required, we will contact you to advise prior to providing the response.

Where this application requests an expedited connection, I declare that I have read and understood the terms and conditions of the connection offer and agree that if the connection is expedited that a contract based on that offer will be formed with Ausgrid on the date that Ausgrid receives the application. Where this application is being made on behalf of a retail customer or real estate developer, I declare that I have obtained the authority of that person to make this application of their behalf, including where applicable, making a request for expedition of the connection application.

*I acknowledge the terms & conditions.

2

Back
Save & Share
Download PDF
Pay 3

1. Review your **Declaration** that you understand the Total Price to be paid and the Terms and Conditions.
2. By selecting this box you **acknowledge the terms and conditions**.
3. Click **Pay** to move to the payment screen or **Save & Share** your application.

Note: You can Save & Share you application. Use the Save & Share function to email your application form to another person for payment and submission.



Note: The form will not be submitted to Ausgrid until payment has been made.



This declaration summary page is indicative, dependent of the choices you made regarding embedded generation and alterations.

Alter Existing Connection Payment

Payment Confirmation ✕

Do you want to proceed to payment for the amount : AUD Pay

Or

Share application for payment i

Email Address i

Share

Supported by the
CommonwealthBank

Make a BPOINT Payment

Biller Code: 1261338 (Ausgrid - Ausgrid)

Ref#: 0011659

Amount (AUD): ?

Select your payment option:

- To proceed with payment select **Pay** and follow the payment options.

You can send the completed form to a third party to complete the payment. Then instruct that party they will receive an email and they should follow the link to make payment.



Note: only once payment is successfully submitted the application will be received and processed by Ausgrid.

Supported by the
CommonwealthBank

Online Payment

You have entered the following details

Biller Code: 1261338 (Ausgrid - Ausgrid)

Ref#: 0011659

Payment Amount: AUD :

Please enter your card details to proceed

Card Number:

Expiry Date: MM YY

CVN: ?

<< Back
Proceed >>

Alter Existing Connection Table of Contents

| Installation change | Service change |
|---|--|
| Alter Maximum Capacity <input type="checkbox"/> | Alter an Existing Service to a Temporary Builders Supply (TBS) <input type="checkbox"/> |
| Alter Consumer Mains <input type="checkbox"/> | Alter an Existing Temporary Builders Supply (TBS) to a permanent Connection <input type="checkbox"/> |
| Alter Switchboard <input type="checkbox"/> | Alter Number of Phases <input type="checkbox"/> |
| Alter Connection Point <input type="checkbox"/> | Install or replace 'A' pole (private) <input type="checkbox"/> |
| Alter an Existing Embedded Generation / Storage System <input type="checkbox"/> ⓘ | Alter Point of Common Coupling <input type="checkbox"/> |
| Connect a New Embedded Generation / Storage System <input type="checkbox"/> | Disconnection / Reconnection <input type="checkbox"/> |
| Emergency Repairs <input type="checkbox"/> | Emergency Repairs <input type="checkbox"/> |
| Install, Alter or Remove Controlled Load <input type="checkbox"/> | Other <input type="checkbox"/> |
| Other <input type="checkbox"/> | |



A detailed step by step guide for the following categories can be found on the following pages:

Installation Changes:

- Alter Maximum Capacity66
- Alter Consumer Mains67
- Alter Switchboard68
- Alter Connection Point.....69
- Alter an Existing or Connect to a New Embedded Generation / Storage System.....70
- Emergency Repairs.....74
- Install, Alter or Remove Controlled Load.....75

Service Changes:

- Alter an Existing Service to a Temporary Building Supply (TBS).....76
- Alter an Existing Service to a Temporary Building Supply (TBS) to a permanent Connection...77
- Alter Number of Phases.....78
- Install or replace 'A' pole (private).....79
- Alter Point of Common Coupling.....80
- Disconnection / Reconnection.....81
- Emergency Repairs.....82

Alter Existing Connection (Load Details) Alter Maximum Capacity

Installation change

*Alter Maximum Capacity

***Service Voltage**

Low voltage 230/400v 1

***Are you proposing to increase the service connection size?** Yes No 2

***Existing Maximum Demand** 3


Number of Phases Phase A Phase B Phase C

***Proposed Maximum Demand**

Number of Phases Phase A Phase B Phase C

***Are you intending to connect, alter or maintain controlled load at this premises?** Yes No 4

Additional Comments (up to 2000 characters)



This section is provided to supply additional comments if required,

1. Select **Service Voltage** from the drop-down – specify the demand that is nearest to, but above the calculated maximum demand.
2. If intending to increase the **Service Connection Size**.
Note: If you select **Yes**, you will need to select the **Service Size** from an additional drop-down menu. If other than 100 Amps – specify the demand that is nearest to but above the calculated maximum demand in the additional field displayed.
3. Select the **Number of Phases** from the drop-down menu; then for each phase (Phase A, Phase B, Phase C) specify the existing and proposed maximum demand.
4. If intending to connect controlled load at the premises check **'yes'**.
Then select the controlled load tariff (Off-peak 1 or Off-peak 2) from the drop-down menu, and select the number of phases that this will apply to.

Alter Existing Connection (Load Details)

Alter Consumer Mains

Installation change

*Alter Consumer Mains

*Existing Point of Common Coupling 1

*Existing Asset Identifier 2

*Proposed Point of Common Coupling 3

*Proposed Asset Identifier 4

*Existing Connection Point 5

*Proposed Connection Point 5

*Existing service length greater than 50 metres Yes No 6

*Proposed service length greater than 50 metres Yes No 6

*Proposed Service Type 7

*Service Voltage 7
Low voltage 230/400v

*Are you proposing to increase the service connection size? Yes No 8

*Existing Maximum Demand 9
Number of Phases Phase A Phase B Phase C

*Proposed Maximum Demand 9
Number of Phases Phase A Phase B Phase C

*Are you intending to connect, alter or maintain controlled load at this premises? Yes No 10

1. Select the **Existing Point of Common Coupling** from the drop-down menu.
2. Provide the **Asset Identifier** for the existing point of common coupling – if there is no asset identifier enter 'unknown'.
3. Select the **Proposed Point of Common Coupling** from the drop-down menu.
4. Provide the **Asset Identifier** for the proposed point of common coupling – if there is no asset identifier enter 'unknown'.
5. Select the **Existing and Proposed Connection Point** from the drop-down menu – this is the component of the distribution system (premises connection assets) used to provide the connection services to the premises.
6. Specify the **Existing and Proposed Length of the Service** – if greater than 50 metres, the applicant will be required to provide the exact length in metres.
7. Select the **Service Type and Voltage** from the drop-down menus - specify the demand that is nearest to, but above the calculated maximum demand.
8. If intending to increase the **Service Connection Size**.
Note: If you select **Yes**, you will need to select the **Service Size** from an additional drop-down menu. If other than 100 Amps – specify the demand that is nearest to but above the calculated maximum demand in the additional field displayed.
9. Select the **Number of Phases** from the drop-down menu; then for each phase (Phase A, Phase B, Phase C) specify the existing and proposed maximum demand.
10. If intending to connect controlled load at the premises check '**yes**'. Then select the controlled load tariff (Off-peak 1 or Off-peak 2) from the drop-down menu, and select the number of phases that this will apply to.



The above information specifies the start and finish points of your service wire as well as the type of connection. You should specify these matters carefully as they will become part of the connection contract unless modified by Ausgrid.

Alter Existing Connection (Load Details) Alter Switchboard

Installation change

*Alter Switchboard

*Service Voltage

Low voltage 230/400v 1

*Are you proposing to increase the service connection size? Yes No 2

*Existing Maximum Demand ⓘ


Number of Phases Phase A Phase B Phase C 3

*Proposed Maximum Demand ⓘ

Number of Phases Phase A Phase B Phase C

*Are you intending to connect, alter or maintain controlled load at this premises? ⓘ Yes No 4

Additional Comments (up to 2000 characters)

 This section is provided to supply additional comments if required,

1. Select **Service Voltage** from the drop-down – specify the demand that is nearest to, but above the calculated maximum demand.
2. If intending to increase the **Service Connection Size**.
Note: If you select **Yes**, you will need to select the **Service Size** from an additional drop-down menu. If other than 100 Amps – specify the demand that is nearest to but above the calculated maximum demand in the additional field displayed.
3. Select the **Number of Phases** from the drop-down menu; then for each phase (Phase A, Phase B, Phase C) specify the existing and proposed maximum demand.
4. If intending to connect controlled load at the premises check **'yes'**.
Then select the controlled load tariff (Off-peak 1 or Off-peak 2) from the drop-down menu, and select the number of phases that this will apply to.

Alter Existing Connection (Load Details) Alter Connection Point

Installation change *Alter Connection Point

*Existing Connection Point ⓘ 1

*Proposed Connection Point ⓘ

*Existing service length greater than 50 metres Yes No 2

*Proposed service length greater than 50 metres Yes No

*Proposed Service Type ⓘ 3

*Service Voltage ⓘ


*Are you proposing to increase the service connection size? Yes No 4

*Existing Maximum Demand ⓘ 5

*Proposed Maximum Demand ⓘ

*Are you intending to connect, alter or maintain controlled load at this premises? ⓘ Yes No 6

Additional Comments (up to 2000 characters)

 This section is provided to supply additional comments if required,

1. Select the **Existing and Proposed Connection Point** from the drop-down menu.
2. Specify the **Existing and Proposed Length of the Service** – if greater than 50 meters, the applicant will be required to provide the exact length in meters.
3. Select the **Service Type and Voltage** from the drop-down menus - specify the demand that is nearest to, but above the calculated maximum demand.
4. If intending to increase the **Service Connection Size**.
Note: If you select **Yes**, you will need to select the **Service Size** from an additional drop-down menu. If other than 100 Amps – specify the demand that is nearest to but above the calculated maximum demand in the additional field displayed.
5. Select the **Number of Phases** from the drop-down menu; then for each phase (Phase A, Phase B, Phase C) specify the existing and proposed maximum demand.
6. If intending to connect controlled load at the premises check **'yes'**.
Then select the controlled load tariff (Off-peak 1 or Off-peak 2) from the drop-down menu, and select the number of phases that this will apply to.

Alter Existing Connection (Load Details)

New or Alter Existing - Embedded Generation

Installation change

*Alter an Existing Embedded Generation / Storage System

Address: Gardinia Street, Narwee, 2209

*How do you intend to operate your Embedded Generation with the Ausgrid network? Parallel Stand By Parallel and Stand By

*The system has been designed as a Stand-by Generation in accordance with AS3010 and NSW service and installation rules Yes No

*Embedded Generation is connected via Inverter Non Inverter Inverter and Non-Inverter

Are you intending to Install or Remove PV Panels or Battery Storage to an Existing Inverter? Yes No

+ Existing Inverter - Existing Inverter + Inverter

Please add existing Inverter.

+ Existing Non-Inverter - Existing Non-Inverter + Non-Inverter

Please add existing capacity.

*Energy Source

Inverter Details

*Inverter Type Manufacturer Name Model Number

*Inverter Phase Inverter Rating kW/kW per Phase Phase A Phase B Phase C

helpful tips Click the Save button to store your information

Cancel Save

*Energy storage will be configured to generate when the network is off. Yes No

1. Select how you will **operate the Embedded Generation**. By selecting “Parallel” you will be generating whilst connected to the Ausgrid network. By Selecting “Standby” or “Parallel and Standby” you intend to operate your Embedded Generation whilst either disconnected from the Ausgrid network, or both.
2. **Note:** By Selecting ‘Standby’ You will be asked to confirm your design is in accordance with AS3010 and NSW Service and Installation Rules.
3. Select how the **Embedded Generation** will be connected, then select **+ Inverter** to add, select **- Existing Inverter** to remove an **Inverter**, select **+ Non-Inverter** to add or **- Existing Non-Inverter** remove a **Non-inverter**.
Note: Existing inverter is a device already installed at the premises.
4. Select the **Energy Source** from the drop down list: **PV only, Battery only, PV and Battery, Fuel Cell or Other**.
5. Enter the **Inverter Details**, by selecting the **Inverter Type; Grid Connect, Multiple Mode, Micro Inverters or Other**. Select to **Invert Phase** from **Single or Three**, specify the total generation in kW and complete the information relevant to the Inverter.
6. Confirm if **energy storage** will be configured to generate when the network is off.

Alter Existing Connection (Load Details)

New or Alter Existing - Embedded Generation


New Inverter

*Energy Source 1

Inverter Details

*Inverter Type 2 Manufacturer Name 3 Model Number

*Inverter Phase 3 Inverter Rating kW/kW per Phase Phase A Phase B Phase C

helpful tips  Click the **Save** button to store your information


Cancel Save

*Energy storage will be configured to generate when the network is off. Yes No 4

New Generation Unit (GU) Details

*Generation Type 5 Manufacturer Name 6 Model Number

*Generation Phase 6 GU Nameplate Rating in kW Phase A Phase B Phase C

helpful tips  Click the **Save** button to store your information

Cancel Save

1. For a **New Inverter** select the **Energy Source** from the drop down list: PV only, Battery only, PV and Battery, Fuel Cell or Other.
2. Enter the **Inverter Details**, by selecting the **Inverter Type**; Grid Connect, Multiple Mode, Micro Inverters or Other.
3. Select to **Inverter Phase** from Single or Three, specify the total generation in Kw and complete the information relevant to the Inverter. Click **Save** to add the information.
4. Confirm if the **Energy Storage** will be configured to generate when the network is off.
5. For a **New Generation Unit** select the **Generation Type** from the drop down list: Rotating Machine, Hydro or Other.
Note: You will be asked to supply the kW.
6. Select the **Generation Phase** from either Single or Three, then enter the Generating Unit (GU) Nameplate rating in kW. Click **Save** to add the information.

Alter Existing Connection (Load Details)

New or Alter Existing - Embedded Generation

Existing Connection Above 100 AMP

Reference Code : 0013095



Summary

| Premises | Storage kW | Other Power kW | Generation kW | Inverter kW (A+ B + C) = Total | Generation kW (non- inverter) | Generation Total kW |
|--|------------|----------------|---------------|-----------------------------------|-------------------------------|---------------------|
| Usage: Residential Type: Unit Unit/Shop: 7 | 100 | 0 | 0 | A: 100 + B: 0 + C: 0 = 100 | 100 | 200 |
| Total | 100 | 0 | 0 | A: 100 + B: 0 + C: 0 = 100 | 100 | 200 |

1. Attach the **Single Line Diagram**.
2. Attach the **Control / Protection Settings and Schematic Diagrams**. Refer to NS194 for parallel generation requirements.
3. Select **Yes** if your application is multi-tenanted or embedded network. Enter the **Total existing inverter connected generation kW**.

Note: Examples of multi-tenanted premises or imbedded networks may include apartment blocks, retirement village, shopping centres etc.

***Single Line Diagram**

Browse File...

1

***Control/protection settings and schematic diagrams** ⓘ

Browse File...

2

My installation is part of a multi-tenanted premises or embedded network that has existing inverter connected Generation installed. ⓘ

Yes
 No

***Total existing inverter connected generation kW**

3

Alter Existing Connection (Load Details)

New or Alter Existing - Embedded Generation

Existing Connection Above 100 AMP

Reference Code : 0013095



Declaration

I confirm that the system meets each of the following conditions:

- *I have made efforts to identify any other premises with Embedded Generation that share the network connection that this application pertains to, and have provided those details (where relevant) within this application. 1
- *The installer and equipment have current approval from the Australian Clean Energy Council (CEC).
- *Proposed inverter(s) complies with the voltage rise requirements of NSW Service and Installation Rules
- *Proposed inverter(s) have Volt-VAR and Volt-Watt response modes enabled.
- *In preparing this application I have considered the requirements of NS194 Connection of Embedded Generators
- *In preparing this application I have considered the requirements of the Service and Installation Rules of NSW
- *In preparing this application I have considered the requirements of the AS/NZS3000:2018 The Wiring Rules.
- *In preparing this application I have considered the requirements of the AS/NZS4777 Grid connection of energy systems via inverters

1. Select the declaration for each item that:

i. You have made contact with the Property Managers / Body Corporates to confirm that you have all the information related to the site / facility at which the premises exist.

ii. The installer and equipment have current approval from the Australian Clean Energy Council:
www.cleanenergycouncil.org.au/

iii. Inverters comply voltage rise requirements:

<https://energy.nsw.gov.au/government-and-regulation/legislative-and-regulatory-requirements/service-installation-rules>

iv. Inverters have Volt-VAR and Volt-Watt response modes enabled:

<https://energy.nsw.gov.au/government-and-regulation/legislative-and-regulatory-requirements/service-installation-rules>

v. You have considered the requirements for NS194

Connection of Embedded Generators:

<https://www.ausgrid.com.au/ASPs-and-Contractors/Technical-documentation/Network-Standards>

vi. You have considered the requirements of the Service and Installation Rules of NSW:

<https://energy.nsw.gov.au/government-and-regulation/legislative-and-regulatory-requirements/service-installation-rules>

vii. You have considered the requirements of the

AS/NZS3000:2018 Wiring Rules, more information can be found at: <https://www.saiglobal.com/online/>

viii. You have considered the requirements of the AS/NZS4777

Grid Connection of energy systems via inverters:

<https://www.saiglobal.com/online/>

Alter Existing Connection (Load Details) Emergency Repairs

Installation change

*Emergency Repairs

*Is it like for like? 1

*Existing Point of Common Coupling
2

*Existing Asset Identifier
3

*Proposed Point of Common Coupling
4

*Proposed Asset Identifier
5

*Existing Connection Point
6

*Proposed Connection Point
6

*Existing service length greater than 50 metres
7

Yes No

*Proposed service length greater than 50 metres
7

Yes No

*Proposed Service Type
8

*Service Voltage
8

*Are you proposing to increase the service connection size?
9

Yes No

*Existing Maximum Demand
10

*Proposed Maximum Demand
10

*Are you intending to connect, alter or maintain controlled load at this premises?
11

Yes No

1. Select if the **Emergency Repairs** will be like for like, if **No** complete the following fields on this page.
2. Select the **Existing Point of Common Coupling** from the drop-down menu.
3. Provide the **Asset Identifier** for the existing point of common coupling – if there is no asset identifier enter 'unknown'.
4. Select the **Proposed Point of Common Coupling** from the drop-down menu.
5. Provide the **Asset Identifier** for the proposed point of common coupling – if there is no asset identifier enter 'unknown'.
6. Select the **Existing and Proposed Connection Point** from the drop-down menu – this is the component of the distribution system (premises connection assets) used to provide the connection services to the premises.
7. Specify the **Existing and Proposed Length of the Service** – if greater than 50 metres, the applicant will be required to provide the exact length in metres.
8. Select the **Service Type and Voltage** from the drop-down menus - specify the demand that is nearest to, but above the calculated maximum demand.
9. If intending to increase the **Service Connection Size**.
Note: If you select **Yes**, you will need to select the **Service Size** from an additional drop-down menu. If other than 100 Amps – specify the demand that is nearest to but above the calculated maximum demand in the additional field displayed.
10. Select the **Number of Phases** from the drop-down menu; then for each phase (Phase A, Phase B, Phase C) specify the existing and proposed maximum demand.
11. If intending to connect controlled load at the premises check '**yes**'. Then select the controlled load tariff (Off-peak 1 or Off-peak 2) from the drop-down menu, and select the number of phases that this will apply to.

Alter Existing Connection (Load Details) Install, Alter or Remove Control Load

Installation change

*Install, Alter or Remove Controlled Load

*Service Voltage

Low voltage 230/400v

1

*Are you proposing to increase the service connection size?

 Yes No

2

*Existing Maximum Demand ⓘ

Number of Phases

Phase A

Phase B

Phase C

3

*Proposed Maximum Demand ⓘ

Number of Phases

Phase A

Phase B

Phase C

*Are you intending to connect, alter or maintain controlled load at this premises? ⓘ

 Yes No

4

Additional Comments (up to 2000 characters)



This section is provided to supply additional comments if required,

1. Select **Service Voltage** from the drop-down – specify the demand that is nearest to, but above the calculated maximum demand.
2. If intending to increase the **Service Connection Size**.
Note: If you select **Yes**, you will need to select the **Service Size** from an additional drop-down menu. If other than 100 Amps – specify the demand that is nearest to but above the calculated maximum demand in the additional field displayed.
3. Select the **Number of Phases** from the drop-down menu; then for each phase (Phase A, Phase B, Phase C) specify the existing and proposed maximum demand.
4. If intending to connect controlled load at the premises check '**yes**'. Then select the controlled load tariff (Off-peak 1 or Off-peak 2) from the drop-down menu, and select the number of phases that this will apply to.

Alter Existing Connection (Load Details)

Alter an Existing Temporary Builders Supply (TBS)

Service change *Alter an Existing Service to a Temporary Builders Supply (TBS)

*Existing Point of Common Coupling 1

*Existing Asset Identifier 2

*Proposed Point of Common Coupling 3

*Proposed Asset Identifier 4

*Existing Connection Point 5

*Proposed Connection Point

*Existing service length greater than 50 metres Yes No 6

*Proposed service length greater than 50 metres Yes No

*Proposed Service Type 7

*Service Voltage
Low voltage 230/400v

*Are you proposing to increase the service connection size? Yes No 8

*Existing Maximum Demand 9

*Proposed Maximum Demand

*Are you intending to connect, alter or maintain controlled load at this premises? Yes No 10

1. Select the **Existing Point of Common Coupling** from the drop-down menu.
2. Provide the **Asset Identifier** for the existing point of common coupling – if there is no asset identifier enter 'unknown'.
3. Select the **Proposed Point of Common Coupling** from the drop-down menu.
4. Provide the **Asset Identifier** for the proposed point of common coupling – if there is no asset identifier enter 'unknown'.
5. Select the **Existing and Proposed Connection Point** from the drop-down menu.
6. Specify the **Existing and Proposed Length of the Service** – if greater than 50 metres, the applicant will be required to provide the exact length in metres.
7. Select the **Service Type and Voltage** from the drop-down menus - specify the demand that is nearest to, but above the calculated maximum demand.
8. If intending to increase the **Service Connection Size**.
Note: If you select **Yes**, you will need to select the **Service Size** from an additional drop-down menu. If other than 100 Amps – specify the demand that is nearest to but above the calculated maximum demand in the additional field displayed.
9. Select the **Number of Phases** from the drop-down menu; then for each phase (Phase A, Phase B, Phase C) specify the existing and proposed maximum demand.
10. If intending to connect controlled load at the premises check '**yes**'. Then select the controlled load tariff (Off-peak 1 or Off-peak 2) from the drop-down menu, and select the number of phases that this will apply to.

Alter Existing Connection (Load Details)

Alter an Existing Temporary Builders Supply (TBS) to a permanent Connection

Service change

*Alter an Existing Temporary Builders Supply (TBS) to a permanent Connection

*Existing Point of Common Coupling 1

*Existing Asset Identifier 2

*Proposed Point of Common Coupling 3

*Proposed Asset Identifier 4

*Existing Connection Point 5

*Proposed Connection Point 5

*Existing service length greater than 50 metres Yes No 6

*Proposed service length greater than 50 metres Yes No 6

*Proposed Service Type 7

*Service Voltage Low voltage 230/400v x

*Are you proposing to increase the service connection size? Yes No 8

*Existing Maximum Demand 9

*Proposed Maximum Demand 9

*Are you intending to connect, alter or maintain controlled load at this premises? Yes No 10

1. Select the **Existing Point of Common Coupling** from the drop-down menu.
2. Provide the **Asset Identifier** for the existing point of common coupling – if there is no asset identifier enter 'unknown'.
3. Select the **Proposed Point of Common Coupling** from the drop-down menu.
4. Provide the **Asset Identifier** for the proposed point of common coupling – if there is no asset identifier enter 'unknown'.
5. Select the **Existing and Proposed Connection Point** from the drop-down menu.
6. Specify the **Existing and Proposed Length of the Service** – if greater than 50 metres, the applicant will be required to provide the exact length in metres.
7. Select the **Service Type and Voltage** from the drop-down menus - specify the demand that is nearest to, but above the calculated maximum demand.
8. If intending to increase the **Service Connection Size**.
Note: If you select **Yes**, you will need to select the **Service Size** from an additional drop-down menu. If other than 100 Amps – specify the demand that is nearest to but above the calculated maximum demand in the additional field displayed.
9. Select the **Number of Phases** from the drop-down menu; then for each phase (Phase A, Phase B, Phase C) specify the existing and proposed maximum demand.
10. If intending to connect controlled load at the premises check '**yes**'. Then select the controlled load tariff (Off-peak 1 or Off-peak 2) from the drop-down menu, and select the number of phases that this will apply to.

Alter Existing Connection (Load Details)

Alter Number of Phases

Service change

*Alter Number of Phases

*Service Voltage

Low voltage 230/400v 1

*Are you proposing to increase the service connection size? Yes No 2

*Existing Maximum Demand ⓘ

| | | | |
|---|---------|---------|---------|
| Number of Phases ▼ | Phase A | Phase B | Phase C |
|---|---------|---------|---------|


3

*Proposed Maximum Demand ⓘ

| | | | |
|---|---------|---------|---------|
| Number of Phases ▼ | Phase A | Phase B | Phase C |
|---|---------|---------|---------|

*Are you intending to connect, alter or maintain controlled load at this premises? ⓘ Yes No 4

Additional Comments (up to 2000 characters)



This section is provided to supply additional comments if required,

1. Select **Service Voltage** from the drop-down – specify the demand that is nearest to, but above the calculated maximum demand.
2. If intending to increase the **Service Connection Size**.
Note: If you select **Yes**, you will need to select the **Service Size** from an additional drop-down menu. If other than 100 Amps – specify the demand that is nearest to but above the calculated maximum demand in the additional field displayed.
3. Select the **Number of Phases** from the drop-down menu; then for each phase (Phase A, Phase B, Phase C) specify the existing and proposed maximum demand.
4. If intending to connect controlled load at the premises check **'yes'**. Then select the controlled load tariff (Off-peak 1 or Off-peak 2) from the drop-down menu, and select the number of phases that this will apply to.

Alter Existing Connection (Load Details) Install or replace 'A' pole (private)

Service change

*Install or replace 'A' pole (private)

*Is it like for like? Yes No 1

*Existing Point of Common Coupling 2

*Existing Asset Identifier 3

*Proposed Point of Common Coupling 4

*Proposed Asset Identifier 5

*Existing Connection Point 6

*Proposed Connection Point 6

*Existing service length greater than 50 metres Yes No 7

*Proposed service length greater than 50 metres Yes No

*Proposed Service Type 8

*Service Voltage
Low voltage 230/400v x

*Are you proposing to increase the service connection size? Yes No 9

*Existing Maximum Demand 10

Number of Phases 10

Phase A Phase B Phase C

*Proposed Maximum Demand 10

Number of Phases 10

Phase A Phase B Phase C

*Are you intending to connect, alter or maintain controlled load at this premises? Yes No 11

1. Select if the **Pole Replacement or Installation** will be like for like, if **No** complete the following fields on this page.
2. Select the **Existing Point of Common Coupling** from the drop-down menu.
3. Provide the **Asset Identifier** for the existing point of common coupling – if there is no asset identifier enter 'unknown'.
4. Select the **Proposed Point of Common Coupling** from the drop-down menu.
5. Provide the **Asset Identifier** for the proposed point of common coupling – if there is no asset identifier enter 'unknown'.
6. Select the **Existing and Proposed Connection Point** from the drop-down menu.
7. Specify the **Existing and Proposed Length of the Service** – if greater than 50 metres, the applicant will be required to provide the exact length in metres.
8. Select the **Service Type and Voltage** from the drop-down menus - specify the demand that is nearest to, but above the calculated maximum demand.
9. If intending to increase the **Service Connection Size**.
Note: If you select **Yes**, you will need to select the **Service Size** from an additional drop-down menu. If other than 100 Amps – specify the demand that is nearest to but above the calculated maximum demand in the additional field displayed.
10. Select the **Number of Phases** from the drop-down menu; then for each phase (Phase A, Phase B, Phase C) specify the existing and proposed maximum demand.
11. If intending to connect controlled load at the premises check 'yes'. Then select the controlled load tariff (Off-peak 1 or Off-peak 2) from the drop-down menu, and select the number of phases that this will apply to.

Alter Existing Connection (Load Details) Alter Common Coupling

Service change

*Alter Point of Common Coupling

*Existing Connection Point ⓘ 1

*Proposed Connection Point ⓘ

*Existing service length greater than 50 metres Yes No 2

*Proposed service length greater than 50 metres Yes No

*Proposed Service Type 3

*Service Voltage x


*Are you proposing to increase the service connection size? Yes No 4

*Existing Maximum Demand ⓘ 5

*Proposed Maximum Demand ⓘ

*Are you intending to connect, alter or maintain controlled load at this premises? ⓘ Yes No 6

Additional Comments (up to 2000 characters)

 This section is provided to supply additional comments if required,

1. Select the **Existing and Proposed Connection Point** from the drop-down menu.
2. Specify the **Existing and Proposed Length of the Service** – if greater than 50 meters, the applicant will be required to provide the exact length in meters.
3. Select the **Service Type and Voltage** from the drop-down menus - specify the demand that is nearest to, but above the calculated maximum demand.
4. If intending to increase the **Service Connection Size**.
Note: If you select **Yes**, you will need to select the **Service Size** from an additional drop-down menu. If other than 100 Amps – specify the demand that is nearest to but above the calculated maximum demand in the additional field displayed.
5. Select the **Number of Phases** from the drop-down menu; then for each phase (Phase A, Phase B, Phase C) specify the existing and proposed maximum demand.
6. If intending to connect controlled load at the premises check **'yes'**.
Then select the controlled load tariff (Off-peak 1 or Off-peak 2) from the drop-down menu, and select the number of phases that this will apply to.

Alter Existing Connection (Load Details) Disconnection / Reconnection

Service change

*Disconnection / Reconnection

*Existing Point of Common Coupling 2

*Existing Asset Identifier 3

*Proposed Point of Common Coupling 4

*Proposed Asset Identifier 5

*Existing Connection Point 6

*Proposed Connection Point 6

*Existing service length greater than 50 metres Yes No 7

*Proposed service length greater than 50 metres Yes No

*Proposed Service Type 8

*Service Voltage Low voltage 230/400v

*Are you proposing to increase the service connection size? Yes No 9

*Existing Maximum Demand 10

*Proposed Maximum Demand

*Are you intending to connect, alter or maintain controlled load at this premises? Yes No 11

*Is it like for like? Yes No 1

1. Select if the **Disconnection / Reconnection** will be like for like, if **No** complete the following fields on this page.
2. Select the **Existing Point of Common Coupling** from the drop-down menu.
3. Provide the **Asset Identifier** for the existing point of common coupling – if there is no asset identifier enter 'unknown'.
4. Select the **Proposed Point of Common Coupling** from the drop-down menu.
5. Provide the **Asset Identifier** for the proposed point of common coupling – if there is no asset identifier enter 'unknown'.
6. Select the **Existing and Proposed Connection Point** from the drop-down menu.
7. Specify the **Existing and Proposed Length of the Service** – if greater than 50 metres, the applicant will be required to provide the exact length in metres.
8. Select the **Service Type and Voltage** from the drop-down menus - specify the demand that is nearest to, but above the calculated maximum demand.
9. If intending to increase the **Service Connection Size**.
Note: If you select **Yes**, you will need to select the **Service Size** from an additional drop-down menu. If other than 100 Amps – specify the demand that is nearest to but above the calculated maximum demand in the additional field displayed.
10. Select the **Number of Phases** from the drop-down menu; then for each phase (Phase A, Phase B, Phase C) specify the existing and proposed maximum demand.
11. If intending to connect controlled load at the premises check '**yes**'. Then select the controlled load tariff (Off-peak 1 or Off-peak 2) from the drop-down menu, and select the number of phases that this will apply to.

Alter Existing Connection (Load Details) Emergency Repairs

Service change

*Emergency Repairs

*Existing Point of Common Coupling 2

*Existing Asset Identifier 3

*Proposed Point of Common Coupling 4

*Proposed Asset Identifier 5

*Existing Connection Point 6

*Proposed Connection Point

*Existing service length greater than 50 metres Yes No 7

*Proposed service length greater than 50 metres Yes No

*Proposed Service Type 8

*Service Voltage
Low voltage 230/400v

*Are you proposing to increase the service connection size? Yes No 9

*Existing Maximum Demand Number of Phases Phase A Phase B Phase C 10

*Proposed Maximum Demand Number of Phases Phase A Phase B Phase C

*Are you intending to connect, alter or maintain controlled load at this premises? Yes No 11

*Is it like for like? Yes No 1

1. Select if the **Emergency Repairs** will be like for like, if **No** complete the following fields on this page.
2. Select the **Existing Point of Common Coupling** from the drop-down menu.
3. Provide the **Asset Identifier** for the existing point of common coupling – if there is no asset identifier enter 'unknown'.
4. Select the **Proposed Point of Common Coupling** from the drop-down menu.
5. Provide the **Asset Identifier** for the proposed point of common coupling – if there is no asset identifier enter 'unknown'.
6. Select the **Existing and Proposed Connection Point** from the drop-down menu.
7. Specify the **Existing and Proposed Length of the Service** – if greater than 50 metres, the applicant will be required to provide the exact length in metres.
8. Select the **Service Type and Voltage** from the drop-down menus - specify the demand that is nearest to, but above the calculated maximum demand.
9. If intending to increase the **Service Connection Size**.
Note: If you select **Yes**, you will need to select the **Service Size** from an additional drop-down menu. If other than 100 Amps – specify the demand that is nearest to but above the calculated maximum demand in the additional field displayed.
10. Select the **Number of Phases** from the drop-down menu; then for each phase (Phase A, Phase B, Phase C) specify the existing and proposed maximum demand.
11. If intending to connect controlled load at the premises check '**yes**'. Then select the controlled load tariff (Off-peak 1 or Off-peak 2) from the drop-down menu, and select the number of phases that this will apply to.