Guide to completing: Modifying Existing Connections Below 100 Amps Application

- Separation
- Amalgamation
- Alter Existing Connection

Note – for EMBEDDED GENERATION requests select ALTER EXISTING CONNECTION



### Introduction

#### The guide contains these sections:

AUSGRID Together

Form Symbols and what they mean	3
Location	4
Applicant Details	5
<ul> <li>Service Selection Types – Separation</li> </ul>	
I. Load Details	6
I. Separations with No Embedded Generation + No Alteratio	ns8
II. Separations with Alterations	9
III. Separations with Embedded Generation	10
II. Separation Summary	14
III. Separation Expedited Connection	15
IV. Separation Declaration	16
V. Separation Payment	17
<ul> <li>Service Selection Types - Amalgamation</li> </ul>	
I. Load Details	18
I. Amalgamation with No Embedded Generation + No Altera	tions19
II. Amalgamations with Alterations	22
III. Amalgamation with Embedded Generation	
II. Amalgamation Summary	27
III. Amalgamation Expedited Connection	28
IV. Amalgamation Declaration	29
V. Amalgamation Payment	30
<ul> <li>Service Selection Types – Alter Existing Connection</li> </ul>	
I. Load Details	31
II. Alter Existing Connection Table of Contents – Detailed Guide	33
III. Alter Existing Connection Summary with No Embedded	
Generation	
IV. Alter Existing Connection with Embedded Generation	
V. Alter Existing Connection with Embedded Generation Declaration	
VI. Alter Existing Connection Summary with Embedded Generation	
VII. Alter Existing Connection Expedited Connection	
VIII.Alter Existing Connection Declaration	
IX. Alter Existing Connection Payment	57

#### Why use this form

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

- o A residential or commercial connection up to 100 Amps; and
  - Do not have plant, motors or equipment rated at 30 Amps or more;
  - Intend to connect multiple premises where the total maximum demand at the location is 100 Amps or less.

#### Why complete this form?

Ausgrid needs the information requested in this form so it can assess your connection requirements and make you a connection 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 are marked as a WHITE chevron with GREEN text
- 3. Current section are marked as a BLUE chevron with WHITE text
- 4. Next sections are 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 number for the individual premises. A separate link 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

+ Add New

- Browse File...

  4. Calendar Icon

   Dens date picker

   Opens date picker

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10

   10
- 5. Checkbox U
- 6. Radio button (select only one) O Yes O No
- Drop Down selection option allows you to select from prepopulated list of options



### **Existing Below 100amp - Location Information**

Reference Code : 0004842

Location Applicant Service Selec	tion Load Details	Summary and Payment	t Complete		2
Retailer	NMI	0	Meter Number	2	0
Property Name	Property Type	3 -	*Land Title Type	4 .	3
Floor Number Unit/Shop Number	*Street Number/RMB	*Lot Nur	mber or	*Lot/DP Number	4
*Street Name		Nearest Cross Street			
*Suburb	*Postcode	*Land Zoning		6•	5

Next

#### Existing Connection Below 100 AMP

- If you know who the Retailer will be, select the company details from the drop down menu.
  - If you have a National Meter Identifier (NMI) and a Meter Number.

Note: The NMI can be found on the electricity bill.

- Select the **Property Type** from the drop down menu for example: House, Unit, Shop etc.
- Select the **Land Title Type** from the drop down menu for example Torrens, Strata, Community Title, Public or other.
- 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.
- Select the Land Zoning from drop down menu for example: Urban, Rural or Other.

<u>Note</u>: The Landing Zone information should auto populate with data from the NSW Government Planning Portal.



# **Existing Below 100amp - Applicant Information**

Existing Connection Below 100 AMP		Reference Code : 0004			
Location Applicant Service Sel	ection Load Detail	s Summary and Payment	Complete		
*Applicant Type ASP on behalf of a Retail Customer or Real Estate D	eveloper		1.		
*Title *First Name		*Last Name			
▼					
*Email Address		*Confirm Email Address			
*Search by ABN, ACN *Compan	y Name		θ		
Floor Number Unit/Shop Number	*Street	Number/RMB	*PO Box/Locked Bag		
			or 2		
*Street Name		Nearest Cross Street			
*Suburb	*Postcode	*Phone Number	Other Number		
*ASP Number		*ASP Level	· 0		
*Save your company details for future applications.					
The following details will be saved : ABN,/ACN, Com	npany name , Address, Phon	e number, Mobile number, EC licence nun	nber, ASP number and ASP level		

**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.





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

1.

2.

<u>Note:</u> 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.

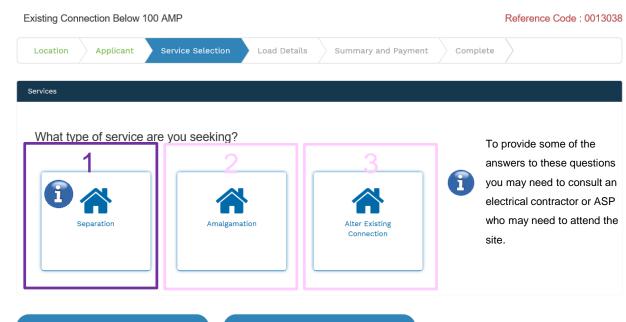
If you are applying on behalf of someone, then select the category from the drop down menu that best describes you. (For example ASP on behalf of a retailer Customer or Real Estate Developer).

This section calls for the **applicant details** of the person making the application. YOUR details – i.e. the person lodging this form.

<u>Note</u>: 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.

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

### **Service Selection - Separation**



Save & Share



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

Back



- 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
  - Wind turbine Batteries

- Gas

- Diesel
- 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 connections.
- 2. Amalgamation. Select this option if you wish to combine two or more connections.
- 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 Below 100 AM	IP			1	Reference Code : 0013038
Location Applicant Ser	vice Selection	Load Details	Embedded Generatio	n Summary and	Payment
Complete					
Separation + Embedded Generation	n				
Connection Details for New Premises - Ga	rdinia Street, Narwee, 2	209			
*Premises Usage	*Property Type		2	Floor Number	Unit/Shop Number
			Ζ.		6
*Proposed Maximum Demand 🚯	*Number of Phases	3	hase A	Phase B	Phase C
		<u> </u>			
*Are you intending to connect, alter o	r maintain controlled lo	ad at this premises?	Yes 🖲 No	Embedded Generatio	5 🗆
		holpfu	Premise d	etails can be edited	🖪 Duplicate
		helpfu	deleted ar	d duplicated by	+ Add New
Total number of New premises		up.	clicking the	e applicable button	
1					0

- 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.
- 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.
- If intending to connect Controlled Load at the premises check 'Yes'.

Then select the controlled load tariff (Off-peak 1 or Offpeak 2) from the drop-down menu, and select the number of phases that this will apply to.

5. Tick / select the premise/s requiring **Embedded Generation**.



### **Separation - Load Details**

*Proposed Point of Common Coupling		-1
*Proposed Asset Identifier		• 2
*Proposed Connection Point		- 0 B
*Proposed service length greater than 50 metres		🔿 Yes 🖲 No 🔟
*Proposed Service Type		
*Service Voltage		5 
*Service Size		- 6
*Are you altering the existing premises? ① Additional Comments (up to 2000 characters)		🔿 Yes 🖲 No
Additional Attachment tips	You can Save & Share you application. Use the Save & Share function to email your application form to another person or yourself.	🕑 Browse File
Back	Save & Share	Next

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.

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.
- Provide the asset identifier for the point of common coupling if there is no asset identifier enter 'unknown'.
- 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.
- Specify the proposed length of the service if greater than 50 meters, the applicant will be required to provide the exact length in meters.
- 5. Select the service type and voltage from the drop-down menus.
- Select Service Size from the 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.
- 7. Are you **altering the existing premises**, this includes altering the maximum demand at the exiting premises.

- If **No**, add additional comments and/or attachments then click next to proceed with the application. (Go to page 14)

- If Yes, complete the alteration table. (Go to page 9)

### Separation + Alteration - Load Details

Details for Existing Premises - Gardinia Street, Narwee, 2209		
*Premises Usage	Floor Number Unit/Shop Number	2
Select a minimum of one option from either of the two tables below.	Service change	3
Alter Maximum Capacity	Alter Number of Phases	
Alter Consumer Mains	Install or replace 'A' pole (private)	
Alter switchboard	Alter Point of Common Coupling	
Alter Connection Point	Disconnection / Reconnection	
Alter an Existing Embedded Generation / Storage System	Other 🗌	
Connect a New Embedded Generation / Storage System	A	
Install, Alter or Remove Controlled Load		
Other		
Additional Comments (up to 2000 characters)		
		4
helpful)%/ Use	u can Save & Share you application. e the Save & Share function to email	
	rr application form to another person or rrself.	
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.

- 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.

<u>Note</u>: 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 33 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 14) otherwise proceed to the Separation + Embedded Generation guide on the following pages.

### Separation + Embedded Generation

Existing Connection Below 100 AM		Reference Code : 0013038		
Location Applicant Serv	ice Selection Load Details	Embedded Generation S	ummary and Payment	
Complete				
Separation + Embedded Generation				
*Inverter Phase	Phase / Inverter Datind kW/kW	A Phase B	Phase C	
dress: Gardinia Street, Narwee, 2209 Usag	e: Residential Type: Unit Unit/Shop: 7			
How do you intend to operate your Emb	edded Generation with the Ausgrid netwo	ork? 🖲 🔷 Para	llel 🔵 Stand By 🖲 Parallel and Stand By	
The system has been designed as a Stand	d-by Generation in accordance with AS3010	0 and NSW service and installation	n rules 💿 Yes 🔿 No	
Embedded Generation is connected via		🔘 Inverter 🔘	Non Inverter   Inverter and Non-Inverter	
+ 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 ticked 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.
- Note: By Selecting 'Standby' You will be asked to confirm 2. your design is in accordance with AS3010 and NSW service and installation rules.
- Select how the Embedded Generation will be connected, 3. to add an **Inverter**, or + Non-Inverter then click to add a Non-inverter

### Separation + Embedded Generation

Existing Conn	Existing Connection Below 100 AMP				Reference Code : 00130				
Location	Applicant	Service Selection	Load Details	Embedded	Generation S	Summary and Payment			
Complete									
New Inverter									
*Energy Source							- 1		
Inverter Details									
*Inverter Type		Manu T	facturer Name		Model Numbe	r	2		
*Inverter Phase		▼ per P	ter Rating kW/kW hase	Phase A	Phase B	Phase C	3		
	h	elpful tips	lick the <b>Save</b> b	utton to store y	our information	R Cancel H Save			
*Energy storage will	l be configured to	o generate when the net	work is off.			🔿 Yes 🌘	No 4		
New Generation U	nit (GU) Details								
*Generation Type		Mar •	nufacturer Name		Model Nu	mber	5		
*Generation Phase			Nameplate Rating W	Phase A	Phase B	Phase C	6		
	ł	nelpful	Click the <b>Save</b> I	outton to store	our informatior		Y 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.
- Enter the **Inverter Details**, by selecting the **Inverter Type**; 2. Grid Connect, Multiple Mode, Micro Inverters or Other.
- Select to Invert Phase from Single or Three, specify the 3. total generation in kW and complete the information relevant to the Inverter. Click Save to add the information.
- Confirm if the Energy Storage will be configured to 4. 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

E	xisting Con	nection Below	Reference	Code : 0013038			
	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
*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. ④ *Total existing inverter connected generation kW	€ Yes O No

- Attach the Single Line Diagram. 1.
- 2. Attach the Control / Protection Settings and Schematic Diagrams. Refer to NS194 for parallel generation requirements.
- Click Yes if your application is multi-tenanted or embedded 3. 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.



### Separation + Embedded Generation Declaration

Existing Connection Below 100 AMP Reference Code : 0013	3038
Location         Applicant         Service Selection         Load Details         Embedded Generation         Summary and Payment           Complete <th></th>	
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	

Save & Share

. Click the declaration for each item that:

Back

- 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.
- The installer and equipment have current approval from the Australian Clean Energy Council:

Next

www.cleanenergycouncil.org.au/

- iii. Inverters comply voltage rise requirements: <u>https://energy.nsw.gov.au/government-and-</u> <u>regulation/legislative-and-regulatory-requirements/service-</u> <u>installation-rules</u>
- r. Inverters have Volt-VAR and Volt-Watt response modes enabled: <u>https://energy.nsw.gov.au/government-andregulation/legislative-and-regulatory-requirements/serviceinstallation-rules</u>
- v. You have considered the requirements for NS194 Connection of Embedded Generators: <u>https://www.ausgrid.com.au/ASPs-and-</u> <u>Contractors/Technical-documentation/Network-Standards</u>
- 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/serviceinstallation-rules

- vii. You have considered the requirements of the AS/NZS3000:2018 Wiring Rules, more information can be found at: <u>https://www.saiglobal.com/online/</u>
- viii. You have considered the requirements of the AS/NZS4777 Grid Connection of energy systems via inverters: https://www.saiglobal.com/online/

# **Separation - Summary**

Existing Connection Below 100 AMP		Refe	rence Code	e : 0013038			
Separation + Embedded Generation				1			
LOCATION Retailer Agl Land Title Type Strata Street Number/RMB 39 Location Address Gardinia Street, Narwee, 2209 Land Zoning Urban			[	2 [Edit]			
APPLICANT	LOAD DETAILS				-		
Applicant Type Retail Customer	LOAD DETAILS FOR NEW PREMISES						
Full Name Miss Ima Modifying	Premises	No. of Phases	Phase A	Phase B	Phase C	Controlled Load	Phases
Email Address Modify@gmail	Usage: Residential Type: Unit Unit/Shop: 7	1	1				
Street Number/RMB 39	Number Of Premises: 1 Proposed Point Of Common Coupling						
Applicant Address Gardinia Street Narwee 2209	Pole Proposed Asset Identifier						
Phone Number 0412123456	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						
	EMBEDDED GENERATION						
	USAGE: RESIDENTIAL TYPE: UNIT UNI	T/SHOP: 7					
Ausgrid Better Together	How Do You Intend To Operate Your Embedded Ger Parallel And Stand By					tion Duton	

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



EG

New

2 [Edit]

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

# Separation - Summary – Expedited Connection

XPEDITED CONNECTION	Option A
Do you want to expedite your connection offer for all premises?	Ves No
You can download the Basic Connection Services Offer - up to 100 Amps for your records here.	
Ausgrid will send you an offer that meets your supply requirements.	

#### **OPTION A – 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 and there is no need for the offer to be sent to you, signed and returned to Ausgrid.

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.

EXPEDITED CONNECTION	Option B
Do you want to expedite your connection offer for all premises?	Ves No
Please download the Basic Connection Services Offer - up to 100 Amps here. Do you agree to the Terms and Conditions of the offer?	● Yes ○ No 2
Ausgrid will send you an offer that meets your supply requirements.	
EXPEDITED CONNECTION	Option C
Do you want to expedite your connection offer for all premises?	Yes No
Please download the Basic Connection Services Offer - up to 100 Amps here. Do you agree to the Terms and Conditions of the offer?	○ Yes ● No 2
Ausgrid will send you an offer that meets your supply requirements.	P

#### **OPTION B – Accept a Model Standing Offer**

- 1. Select NO if you do not want to expedite your connection offer.
- Select YES if you agree to the Terms and Conditions of the offer. You are able to Review the models standing offer by selecting (here)
   <u>Note</u>: The connection application will be processed efficiently because if Ausgrid agrees that the offer is right for your proposed connection and there is no need for the offer to be sent to you, signed and returned to
  - Ausgrid.

#### **OPTION C – Negotiate a connection offer**

- . Select NO if you do not want to expedite your connection offer.
- Select NO if you don't agree to the Terms and Conditions of the offer.
   Note: if you do not accept the terms and conditions,
- .

Ausgrid will send you an offer that meets your supply requirements.

# Separation – Declaration

DECLARATION	1
Applicant Name	
Miss Ima Modifying	
Application Date	
31-May-2019	
Price Description	Price Including GST
Below 100 Amps Connection for Urban Area 1 x	AUD \$
Standby - Technical Assessment required	AUD \$
Total Price	AUD \$

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.



- Review your **Declaration** that you understand the Total Price to be paid and the Terms and Conditions.
- 2. By clicking 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.



**<u>Note</u>**: The form will not be submitted to Ausgrid until payment has been made.



2

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

### **Separation - Payment**

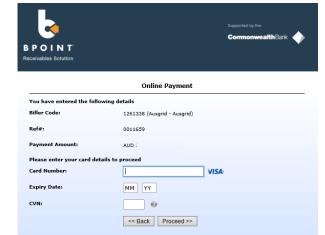
Ausgrid Better Together

Payment Confirmation	×
Do you want to proceed to	payment for the amount : AUD Pay
	Or
Share application for payn	ent Email Address i Share
BPOINT <sup>®</sup> Receivables Solution	Supported by the CommonwealthBark
Make a BPOINT Payment	
Biller Code:	1261338 (Ausgrid - Ausgrid)
Ref#:	0011659
Amount (AUD):	•
Select your payment option:	Masercen VISA

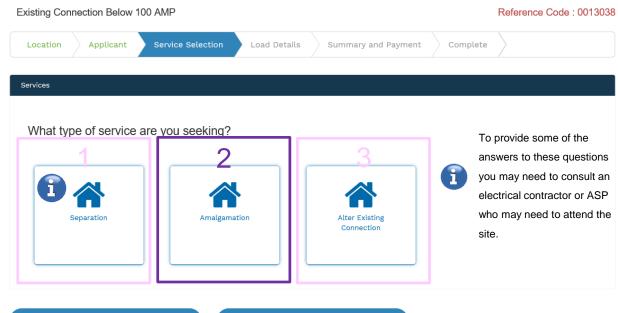
1. To proceed with payment select **Pay** and follow the payment options.

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.

**<u>Note</u>**: only once payment is successfully submitted the application will be received and processed by Ausgrid.



### **Service Selection - Amalgamation**



Back

Save & Share



You can Save & Share you 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
  - Wind turbine Batteries

- Gas

- Diesel
- 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 connections.
- 2. Amalgamation. Select this option if you wish to combine two or more connections.
- 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

sting Connection Below 1	100 AMP			Reference Co	
ocation Applicant	Service Selection Load De	etails Summary and Payment	Complete	e	
algamation					
ovide details for the premise	s that are being permanently disconnecte	ed - Gardinia Street, Narwee, 2209			
NMI	Meter Number	r			
Property Type	Floor Number		Unit/Shop Num	ber	6
				_ <b>#</b> 44	dd New
Note: The tot	al number of Premises to be	disconnected is the		<b>•</b> A0	Jo New
Nactual numbe	er of NMIs that are being perr	manently disconnected.			
		manently disconnected.			
10		manently disconnected.			
		manently disconnected.			
Number of Premises to be o	disconnected	·			
Number of Premises to be o		·			
Number of Premises to be o	disconnected	·			
Number of Premises to be a Provide details for the premis	disconnected	ia Street, Narwee, 2209	2	*Premises Usage	
Number of Premises to be a rovide details for the premis	disconnected	ia Street, Narwee, 2209	3	*Premises Usage	
Number of Premises to be o	disconnected	ia Street, Narwee, 2209 ber	3 *Unit/Shop		
Number of Premises to be o	disconnected ses that will remain connected - Gardinia Meter Numb	ia Street, Narwee, 2209 ber			
Number of Premises to be a Provide details for the premis NMI	disconnected ses that will remain connected - Gardini Meter Numb Floor Numb	ia Street, Narwee, 2209 ber	3 *Unit/Shop 7		
Number of Premises to be a rovide details for the premis NMI	disconnected ses that will remain connected - Gardini Meter Numb Floor Numb	ia Street, Narwee, 2209 ber			
Number of Premises to be of rovide details for the premis NMI Property Type	disconnected  ses that will remain connected - Gardinia Meter Numb Floor Numb X	ia Street, Narwee, 2209 ber			
Provide details for the premises NMI	disconnected ses that will remain connected - Gardinia Meter Numb Floor Numb X	ia Street, Narwee, 2209 ber			) Yes
Number of Premises to be o Provide details for the premis NMI Property Type UNIT Are you altering the remain	disconnected  ses that will remain connected - Gardinia Meter Numb Floor Numb X  ing premises ?	ia Street, Narwee, 2209 ber			) Yes
Number of Premises to be o Provide details for the premis NMI Property Type UNIT Are you altering the remain	disconnected  ses that will remain connected - Gardinia Meter Numb Floor Numb X  ing premises ?	ia Street, Narwee, 2209 ber			) Yes
Number of Premises to be o Provide details for the premis NMI Property Type UNIT Are you altering the remain	disconnected  ses that will remain connected - Gardinia Meter Numb Floor Numb X  ing premises ?	ia Street, Narwee, 2209 ber			Ves (
Number of Premises to be o Provide details for the premis NMI Property Type UNIT Are you altering the remain	disconnected  ses that will remain connected - Gardinia Meter Numb Floor Numb X  ing premises ?	ia Street, Narwee, 2209 ber			) Yes (
Number of Premises to be o Provide details for the premis NMI Property Type UNIT Are you altering the remain litional Comments (up to 20	disconnected  ses that will remain connected - Gardinia Meter Numb Floor Numb X  ing premises ?	ia Street, Narwee, 2209 ber			Yes (
I Number of Premises to be of Provide details for the premises *NMI *Property Type	disconnected  ses that will remain connected - Gardinia Meter Numb Floor Numb X  ing premises ?	ia Street, Narwee, 2209 ber			Yes O

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



5.

6.

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. <u>Note</u>: Click for additional Unit / Shop Connections.

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

- 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.
  - 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**.
  - Are you **altering the existing premises**, this includes altering the maximum demand at the exiting premises.

- If  $\ensuremath{\text{No}}\xspace$  , add additional comments and/or attachments then click next

to proceed with the application. (Go to Summary on page 20)

- If Yes, (Go to Alteration existing connection on page 22)

# **Amalgamation - Summary**

Existing Connection Below 100 AMP		Reference Code : 0013049	
✗ Amalgamation		1	
LOCATION			
Retailer Agl Property Type Unit Land Title Type Strata Unit/Shop Number 7 Street Number/RMB 39 Location Address Gardinia Street, Narwee, 2209 Land Zoning Urban		2 [Edit]	S.
Applicant Type Retail Customer Full Name Miss Ima Modifyer	LOAD DETAILS		
Email Address Modify@gmail	PREMISES THAT ARE BEING PERMANENTLY DISCONNECTED		
Street Number/RMB 39	Premises	NMI	Meter Number
Applicant Address Gardinia Street Narwee 2209	Type: Unit Unit/Shop: 8	4500000000	123456789
Phone Number 0412123456	Number Of Premises: 1		
0412123456	LOAD DETAILS FOR REMAINING PREMISES		
	Premises	NMI	Meter Number
	Usage: Residential Type: Unit Unit/Shop: 7	4500000001	987654321
	Number Of Premises: 1		
	Are You Altering The Existing Premises? No		

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



1

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

#### APPLICAN

Ausgrid Better Together

20

# Amalgamation with No Alterations – Declaration

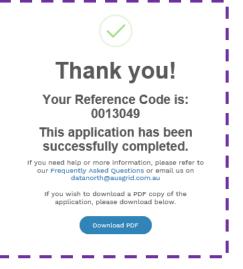
Applicant Name				
Applicant Name Miss Ima Modifyer				
Application Date				
31-May-2019				
Terms and Conditions:				
Ausgrid will aim to provide you w advise prior to providing the resp Where this application requests offer and agree that if the conn receives the application. Where th	ith a written response within 10 business onse. an expedited connection, I declare that I ection is expedited that a contract base his application is being made on behalf of	with a connection offer. Once submitted days. If additional work and/or fees are re have read and understood the terms and d on that offer will be formed with Aus a retail customer or real estate developer ling where applicable, making a request for	equired, we will contact you to I conditions of the connection grid on the date that Ausgrid , I declare that I have obtained	
*I acknowledge the terms & conditions.				
*I acknowledge the terms & conditions. Back	Save & Share	Download PDF	Submit	

 Review your **Declaration** that you understand the Terms and Conditions.

21

- 2. By clicking 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.



# **Amalgamation - Altering Existing Connection**

stallation change		Service change	
Alter Maximum Capacity		Alter an Existing Service to a Temporary Builders Supply (TBS)	
Alter Consumer Mains		Alter an Existing Temporary Builders Supply (TBS) to a permanent Connection	
Alter Switchboard		Alter Number of Phases	
Alter Connection Point		Install or replace 'A' pole (private)	
Alter an Existing Embedded Generation / Storage System	•	Alter Point of Common Coupling	
Connect a New Embedded Generation / Storage System		Disconnection / Reconnection	
Emergency Repairs		Emergency Repairs	
install, Alter or Remove Controlled Load		Other	
Other			
iditional Comments (up to 2000 characters)			

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.

22

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

<u>Note</u>: 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 33 in this guide.

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

<u>Note:</u> Will you alter or require a new Embedded Generation?

- If **No**, add additional comments and/or attachments then click next to proceed with the application. Go to Summary on page 27

- If **Yes**, Proceed to the Amalgamation Altering Existing Connection + Embedded Generation on page 23



tallation change		*Alter an Existin	g Embedded Generation	/ Storage System
ldress: Gardinia Street, Narwee, 2209				
*How do you intend to operate your Embedded Genera	ation with the Ausgrid network	c? 🕄	O Parallel O Stand	By <ul> <li>Parallel and Stand By</li> </ul>
*The system has been designed as a Stand-by Generat	tion in accordance with AS301	0 and NSW service and	l installation rules	) Yes No
*Embedded Generation is connected via		0	Inverter 🔵 Non Inverter	Inverter and Non-Inverter
Are you intending to Install or Remove PV Panels or Ba	attery Storage to an Existing In	werter?		
+ Existing Inverter + Inver	rter			ion only appears
		in the Alte	er Existing Conr	ection form.
Please add existing Inverter.				
*Energy Source				
Inverter Details				
*Inverter Type	Manufacturer Name		Model Number	
		Phase A	Phase B	Phase C
*Inverter Phase	Inverter Rating kW/kW per Phase			
*Inverter Phase	per Phase	ave button to sto	pre your information	R Cancel R Save

Select how you will operate the Embedded Generation. By 1. 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.

- Note: By Selecting 'Standby' You will be asked to confirm your 2. design is in accordance with AS3010 and NSW service and installation rules.
- Select how the Embedded Generation will be connected, then 3. click + Inverter to add, click - Existing Inverter to remove an + Non-Inverter to add or - Existing Non-Inverter **Inverter**, click 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.
- Enter the Inverter Details, by selecting the Inverter Type; Grid 5. 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
- Confirm if energy storage will be configured to generate when 6. the network is off.

New Inverter					
*Energy Source				•	1
Inverter Details					
*Inverter Type	Manufacturer Name		Model Number		2
*Inverter Phase	v Inverter Rating kW/kW per Phase	Phase A	Phase B	Phase C	3
h	elpful Click the Save	button to store y	our information	Rancel Rave	
*Energy storage will be configured t	o 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
ł		button to store	your information	🛱 Cancel 🦂 Sav	е

- 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.
- Select to Invert 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.

 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.



	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	
*S	ingle Line Diagram						🕑 Browse File	1
*C	ontrol/protection settings and schematic diagrams	θ						
							🕒 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						O No	3	

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

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



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).	6					
*Proposed inverter(s) complies with the voltage rise requirements of NSW Service and Installation Rules	6					
*Proposed inverter(s) have Volt-VAR and Volt-Watt response modes enabled.	6					
*In preparing this application I have considered the requirements of NS194 Connection of Embedded Generators	6					
*In preparing this application I have considered the requirements of the Service and Installation Rules of NSW	6					
*In preparing this application I have considered the requirements of the AS/NZS3000:2018 The Wiring Rules.	6					
*In preparing this application I have considered the requirements of the AS/NZS4777 Grid connection of energy systems via inverters	8					

- 1. Click 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: <u>https://energy.nsw.gov.au/government-and-</u> <u>regulation/legislative-and-regulatory-requirements/service-</u> <u>installation-rules</u>
- iv. Inverters have Volt-VAR and Volt-Watt response modes enabled: <u>https://energy.nsw.gov.au/government-and-</u> regulation/legislative-and-regulatory-requirements/serviceinstallation-rules
- v. You have considered the requirements for NS194
   Connection of Embedded Generators: <u>https://www.ausgrid.com.au/ASPs-and-</u> <u>Contractors/Technical-documentation/Network-Standards</u>
- vi. You have considered the requirements of the Service and Installation Rules of NSW: <u>https://energy.nsw.gov.au/government-and-</u> <u>regulation/legislative-and-regulatory-requirements/service-</u> <u>installation-rules</u>
- vii. You have considered the requirements of the AS/NZS3000:2018 Wiring Rules, more information can be found at: <u>https://www.saiglobal.com/online/</u>
- viii. You have considered the requirements of the AS/NZS4777 Grid Connection of energy systems via inverters: https://www.saiglobal.com/online/

# **Amalgamation - Summary**

Existing Connection Below 100 AMP		Reference Code : 0013049		
✤ Amalgamation		1		
LOCATION			1.	Revie
Retailer Agl Property Type Unit Land Title Type Strata Unit/Shop Number 7 Street Number/RMB 39 Location Address Gardinia Street, Narwee, 2209 Land Zoning Urban		2 [Edit]		You w from t assoc
APPLICANT Applicant Type Retail Customer	LOAD DETAILS			
Full Name Miss Ima Modifyer Email Address Modify@gmail Street Number/RMB	PREMISES THAT ARE BEING PERMANENTLY DISCONNECTED Premises	NMI	Meter Number	1
39 Applicant Address Gardinia Street Narwee 2209 Phone Number 0412123456	Type: Unit Unit/Shop: 8 Number Of Premises: 1	4500000000	123456789	
	LOAD DETAILS FOR REMAINING PREMISES			
	Premises	NMI	Meter Number	
	Usage: Residential Type: Unit Unit/Shop: 7	4500000001	987654321	
	Number Of Premises: 1			
	Are You Altering The Existing Premises? No			2 [Edit]

#### eview your application

ou will have the option to edit information om this summary page by Review sociated fees.



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

#### APPL

Applicant Type
Retail Customer
Full Name
Miss Ima Modifyer
Email Address
Modify@gmail
Street Number/RMB
39
Applicant Address
Gardinia Street Narwee 220
Phone Number
0.110100.150



### **Amalgamation - Expedited Connection**

EXPEDITED CONNECTION	Option A
Do you want to expedite your connection offer for all premises?	() Yes () No
You can download the Basic Connection Services Offer - up to 100 Amps for your records here.	
Ausgrid will send you an offer that meets your supply requirements.	

#### **OPTION A – 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 and there is no need for the offer to be sent to you, signed and returned to Ausgrid.

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.

EXPEDITED CONNECTION	Option B
Do you want to expedite your connection offer for all premises?	Yes ● No1
Please download the Basic Connection Services Offer - up to 100 Amps here. Do you agree to the Terms and Conditions of the offer?	● Yes ○ No 2
Ausgrid will send you an offer that meets your supply requirements.	
EXPEDITED CONNECTION	Option C
Do you want to expedite your connection offer for all premises?	Yes No
Please download the Basic Connection Services Offer - up to 100 Amps here. Do you agree to the Terms and Conditions of the offer?	○ Yes ● No 2

#### **OPTION B – Accept a Model Standing Offer**

- 1. Select NO if you do not want to expedite your connection offer.
- Select YES if you agree to the Terms and Conditions of the offer. You are able to Review the models standing offer by selecting (here)
   <u>Note</u>: The connection application will be processed efficiently because if Ausgrid agrees that the offer is right for your proposed connection and there is no need for the offer to be sent to you, signed and returned to
  - Ausgrid.

#### **OPTION C – Negotiate a connection offer**

- 1. Select NO if you do not want to expedite your connection offer.
- Select NO if you don't agree to the Terms and Conditions of the offer.
   Note: if you do not accept the terms and conditions,
- .

Ausgrid will send you an offer that meets your supply requirements.

# Amalgamation – Declaration

DECLARATION	1
Applicant Name	
Miss Ima Modifying	
Application Date	
31-May-2019	
-	Print Includie 4 COT
Price Description	Price Including GST
Below 100 Amps Connection for Urban Area 1 x	AUD \$
Standby - Technical Assessment required	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.



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

<u>Note</u>: 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.



20

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

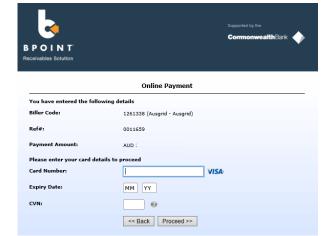
### **Amalgamation - Payment**

Payment Confirmation		×
Do you want to proceed to p	payment for the amount : AUD Pay	
	Or	
Share application for paym	ent Email Address i Share	
BPOINT <sup>®</sup> Receivables Solution	Supported by the <b>Commonwealth</b> Bank	
Make a BPOINT Payment		
Biller Code:	1261338 (Ausgrid - Ausgrid)	
Ref#:	0011659	
Amount (AUD):	•	
Select your payment option:		

USGRID Better Together 1. 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.



# Service Selection – Altering Existing Connection

Existing Connection Below 100 A	MP			Reference Code : 001303
Location Applicant S	ervice Selection Load Detai	ls Summary and Payme	nt Comp	lete
Services				
What type of service are	you seeking? 2 Amalgamation	3 Alter Existing Connection	1	To provide some of the answers to these questions you may need to consult ar electrical contractor or ASF who may need to attend th site.

Back

Save & Share



You can Save & Share you 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
- Wind turbine Batteries
- Diesel
- Co and Tri-generation

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

31

- **1. Separation**. Select this option if you wish to divide your current electrical metering to two or more connections.
- 2. Amalgamation. Select this option if you wish to combine two or more connections.
- **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

- Gas

### Alter Existing Connection - Load Details

	Existing Connection Below 100 AMP					Reference Code : 001		
	Location	Applicant	Service Selection	Load Details	Summary and Payment	Complete	$\rangle$	
۶	Alter Existin	g Connection						
s	Select a minimu	m of one option <b>fr</b> (	om either of the two tables b	below.				
	Installation cl	hange			Service change			
	Alter Maxir	num Capacity			Alter an Existing Service t	to a Temporary Bui	lders Supply (TBS)	1 0

nstallation change		Service change	<u>Note</u> : Ea
			complete
Alter Maximum Capacity		Alter an Existing Service to a Temporary Builders Supply (TBS)	premises
Alter Consumer Mains		Alter an Existing Temporary Builders Supply (TBS) to a permanent Connection	
Alter Switchboard		Alter Number of Phases	4
Alter Connection Point		Install or replace 'A' pole (private)	
Alter an Existing Embedded Generation / Storage System	6	Alter Point of Common Coupling	
Connect a New Embedded Generation / Storage System		Disconnection / Reconnection	
Emergency Repairs		Emergency Repairs	
Install, Alter or Remove Controlled Load		Other	
Other			
			•

#### 3054

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.

ach option selected will open additional fields to be ed which relate to the changes to the existing

> Detailed alteration step by step guide for Installation and Service Changes please refer to page 33 in this guide.



### Alter Existing Connection + Embedded Generation Table of Contents

Installation change	Service change
Alter Maximum Capacity	Alter an Existing Service to a Temporary Builders Supply (TBS)
Alter Consumer Mains	Alter an Existing Temporary Builders Supply (TBS) to a permanent
Alter Switchboard	Alter Number of Phases
Alter Connection Point	Install or replace % pole (private)
Alter an Existing Embedded Generation / Storage System	Alter Point of Common Coupling
Connect a New Embedded Generation / Storage System	Disconnection / Reconnection
Emergency Repairs	Emergency Repairs
Install, Alter or Remove Controlled Load	other 🗌
Other	



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

#### Installation Changes:

•	Alter Maximum Capacity go to page	.34			
•	Alter Consumer Mains	.35			
•	Alter Switchboard	.36			
•	Alter Connection Point	.37			
•	Alter an Existing or Connect to a New Embedded Generation / Storage System	.38			
•	Emergency Repairs	.45			
•	Install, Alter or Remove Controlled Load	.46			
Service Changes:					
•	Alter an Existing Service to a Temporary Building Supply (TBS)	.47			
•	Alter an Existing Service to a Temporary Building Supply (TBS) to a permanent Connection	.48			
•	Alter Number of Phases	.49			
•	Install or replace 'A' pole (private)	.50			
•	Alter Point of Common Coupling	.51			
•	Disconnection / Reconnection	52			
•	Emergency Repairs	.53			



### Alter Existing Connection - Load Details - Alter Maximum Capacity

\*Alter Maximum Capacity

*Service Voltage						
Low voltage 230/400v					× -	
*Are you proposing to increase the service connection size? O Yes						
*Existing Maximum Demand	Number of Phases	•	Phase A	Phase B	Phase C	
*Proposed Maximum Demand	Number of Phases	Ŧ	Phase A	Phase B	Phase C	
*Are you intending to connect, alter or maintain controlled load at this premises? 0 O Yes Yes						
Additional Comments (up to 2000 characters) This section is provided to supply additional comments if required,						

- Select Service Voltage from the drop-down specify the demand that is nearest to, but above the calculated maximum demand.
- If intending to increase the selection connection size.
   <u>Note</u>: I 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.
- For each premises, select the Number of Phases from the dropdown menu; then for each phase (Phase A, Phase B, Phase C) specify the existing and proposed maximum demand.
- 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.



Installation change

#### Alter Existing Connection - Load Details - Alter Consumer Mains

Installation change		*Alter Consu	mer Mains				
*Existing Point of Common Coupling					_		
				Ŧ	1		
*Existing Asset Identifier				0	2		
*Proposed Point of Common Coupling					3		
*Proposed Asset Identifier							
				0	4		
*Existing Connection Point	*Existing Connection Point						
*Proposed Connection Point							
- <b>0</b>							
*Existing service length greater than 50 r	netres			🗌 Yes 🔵 No	6		
*Proposed service length greater than 50	metres			🔾 Yes 🚫 No			
*Proposed Service Type							
*Service Voltage	*Service Voltage						
Low voltage 230/400v	Low voltage 230/400v × 👻						
*Are you proposing to increase the service connection size? Ores ONO							
*Existing Maximum Demand	Number of Phases	Phase A	Phase B	Phase C			
*Proposed Maximum Demand	Number of Phases	Phase A	Phase B	Phase C	9		
*Are you intending to connect, alter or maintain controlled load at this premises? () Yes No 10							
Additional Comments (up to 2000 charact	The above informas the type of co	nation specifies the sta nnection. You should s he connection contract	specify these matter		vell		

Select the existing point of common coupling from the drop-down menu.

1.

2.

3.

5.

- Provide the **asset identifier** for the existing point of common coupling if there is no asset identifier enter 'unknown'.
- Select the proposed point of common coupling from the drop-down menu.
- 4. Provide the proposed **asset identifier** for the point of common coupling if there is no asset identifier enter 'unknown'.
  - 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.
- 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.
- 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 selection connection size.

<u>Note</u>: I 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.

- 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 existing and proposed maximum demand.
- 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 Switchboard

\*Alter Switchboard

*Service Voltage Low voltage 230/400v					× •	
*Are you proposing to increase the service connection size?						
*Existing Maximum Demand	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? 1						
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.
- If intending to increase the selection connection size.
   <u>Note</u>: I 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.
- For each premises, select the Number of Phases from the dropdown menu; then for each phase (Phase A, Phase B, Phase C) specify the existing and proposed maximum demand.
- 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.



Installation change

### Alter Existing Connection - Load Details - Alter Connection Point

\*Alter Connection Point

Installation change

Ausgrid Together

*Existing Connection Point						
					Ŧ	•
*Proposed Connection Point						1
					~	٥
*Existing service length greater than 5	50 metres				🔿 Yes 📿	No
*Proposed service length greater than	50 metres				🔾 Yes 📿	No
*Proposed Service Type						
						Ť
*Service Voltage						3
Low voltage 230/400v					:	× •
*Are you proposing to increase the se	rvice connection size?				Ves C	No 4
*Existing Maximum Demand	Number of Phases	Ŧ	Phase A	Phase B	Phase C	F
*Proposed Maximum Demand	Number of Phases	•	Phase A	Phase B	Phase C	5
*Are you intending to connect, alter o	r maintain controlled load at t	this premises?	? 🚯		🔵 Yes 📿	№ 6
Additional Comments (up to 2000 chara	icters)	•••••				
		This secti	ion is provided	to supply additional comr	nents if required,	
						11
*************************						

 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.

- 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.
- Select the service type and voltage from the drop-down menus specify the demand that is nearest to, but above the calculated maximum demand.
- If intending to increase the selection connection size.
   <u>Note</u>: I 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.
- For each premises, select the Number of Phases from the dropdown menu; then for each phase (Phase A, Phase B, Phase C) specify the existing and proposed maximum demand.
- 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.

stallation change		*Alter an Existing Embedded	Generation / Storage System	1.	Select how you will <b>operat</b> "Parallel" you will be gener
Address: Gardinia Street, Narwee, 2209					Selecting "Standby" or 'Pa
					embedded Generation whi
*How do you intend to operate your	Embedded Generation with the Ausgrid network?	O Paralle	el 🔵 Stand By 🔘 Parallel and Stand	Ву	both.
*The system has been designed as a	Stand-by Generation in accordance with AS3010 a	and NSW service and installation r	ules 🔘 Yes 🔵	No 2 2.	Note: By Selecting 'Standl accordance with AS3010 a
*Embedded Generation is connected	via	🔿 Inverter 🔿 N	Non Inverter 🔘 Inverter and Non-Inve	ter 3	Select how the <b>Embedded</b>
Are you intending to Install or Remov	ve PV Panels or Battery Storage to an <mark>Existing Inve</mark>	rter2 🔒		J.	to add, click + inverter to
+ Existing Inverter - Existing Inv	verter 🕂 Inverter	Note: - Existing Inver	rter option only appea	rs	Or + Non-Inverter remove
		in the Alter Existir	ng Connection form.		a Non-inverter.
Please add existing Inverter.					Note: If you are adding to,
		If you select Embedded	Generation is Connected to		Storage to an EXISTING I
+ Existing Non-Inverter - Existin	ng Non-Inverter 🕂 Non-Inverter	Inverter and Non–Inverte	er - You are required to provide the inverter or non – inverter an	d	select <b>Yes.</b> If you are not a
	<b>W</b>	details for the New or Re		u	This information is
Please add existing capacity.				4.	Select the Energy Source
*Energy Source					Battery only, PV and Batt
	2			- <b>4</b> <sub>5.</sub>	Enter the Inverter Details,
Inverter Details					Multiple Mode, Micro Inve
				5	Select to Invert Phase from
*Inverter Type	Manufacturer Name	Model	Number		and complete the informati
*Inverter Phase	Р	hase A Phase I	B Phase C	6.	Confirm if energy storage
	Inverter Rating kW/kW per Phase		<u> </u>		off.
		Rancel H Save	*Embedded Generation is conr	ected via	
	Save button to store your informatio		Add PV Panel/s to existing inve	rter	
tips			Add battery to existing inverte		
*Energy storage will be configured to	generate when the network is off.	6	Remove PV Panel/s from existi	ng inverter	
			Remove Battery from existing i	nverter	
			Set and set and set and set and set and set and set		

- te the Embedded Generation. By selecting ating whilst connected to the Ausgrid network. By rallel and Standby" you intend to operate your lst either disconnected from the Ausgrid network, or
- by' You will be asked to confirm your design is in nd NSW service and installation rules.
- Generation will be connected, then click to remove an **Inverter**, click - Existing Inverter to add

installing, or removing PV Panels or Battery nverter, ie Installing Storage or replacing PV Panels Itering the existing inverter or panels Select NO.

Mandatory.

- modification from the drop down list: PV only, ery, Fuel Cell or Other.
- by selecting the Inverter Type; Grid Connect, erters or Other.

m Single or Three, specify the total generation in Kw ion relevant to the Inverter.

Inverter O Non Inverter O Inverter and Non-Inverter

will be configured to generate when the network is

New Inverter					
*Energy Source				•	1
Inverter Details					
*Inverter Type	Manufacture	r Name	Model Number		2
*Inverter Phase	v Inverter Rati	Phase A ng kW/kW	Phase B	Phase C	3
ŀ	elpful tips	ne <b>Save</b> button to store y	your information	R Cancel H Save	
*Energy storage will be configured	to generate when the network is	off.		🔵 Yes 🌘 No	4
New Generation Unit (GU) Details					
*Generation Type	Manufactu T	rer Name	Model Number		5
*Generation Phase	GU Namep v in kW	Phase A late Rating	Phase B	Phase C	6
	helpful	the <b>Save</b> button to store	your information	R Cancel A Save	:

- 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.
- Select to Invert 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.

 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.



	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	
*S	ingle Line Diagram						• Browse File	1
*C	ontrol/protection settings and schematic diagrams	θ					• Browse File	2
	My installation is part of a multi-tenanted premises or embedded network that has existing Inverter connected Generation installed. ④ *Total existing inverter connected generation kW						O No	3

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

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



Declaration	
I confirm that the system meets each of the following conditions:	4
	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.	6
*The installer and equipment have current approval from the Australian Clean Energy Council (CEC).	٤
*Proposed inverter(s) complies with the voltage rise requirements of NSW Service and Installation Rules	٤
*Proposed inverter(s) have Volt-VAR and Volt-Watt response modes enabled.	6
*In preparing this application I have considered the requirements of NS194 Connection of Embedded Generators	6
*In preparing this application I have considered the requirements of the Service and Installation Rules of NSW	6
*In preparing this application I have considered the requirements of the AS/NZS3000:2018 The Wiring Rules.	6
	•
*In preparing this application I have considered the requirements of the AS/NZS4777 Grid connection of energy systems via inverters	U

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

- iii. Inverters comply voltage rise requirements: <u>https://energy.nsw.gov.au/government-and-</u> <u>regulation/legislative-and-regulatory-requirements/service-</u> <u>installation-rules</u>
- iv. Inverters have Volt-VAR and Volt-Watt response modes enabled: <u>https://energy.nsw.gov.au/government-and-</u> regulation/legislative-and-regulatory-requirements/serviceinstallation-rules
- v. You have considered the requirements for NS194
   Connection of Embedded Generators: <u>https://www.ausgrid.com.au/ASPs-and-</u> <u>Contractors/Technical-documentation/Network-Standards</u>
- vi. You have considered the requirements of the Service and Installation Rules of NSW: <u>https://energy.nsw.gov.au/government-and-</u> <u>regulation/legislative-and-regulatory-requirements/service-</u> <u>installation-rules</u>
- vii. You have considered the requirements of the AS/NZS3000:2018 Wiring Rules, more information can be found at: <u>https://www.saiglobal.com/online/</u>
- viii. You have considered the requirements of the AS/NZS4777 Grid Connection of energy systems via inverters: https://www.saiglobal.com/online/

### Connect a New Embedded Generation / Storage System (Including Solar)

	100 AMP	*Conn	*Connect a New Embedded Generation / Storage System		
Location Applicant	Service Selection	ad Details Embedde	d Generation Summary a	and Payment	
Complete					
ter Existing Connection +	Embedded Generation				
er Existing Connection -	Embedded Generation				
ddress: Gardinia Street, Narwe	e, 2209				
*How do you intend to opera	te your Embedded Generation with	the Ausgrid network?	🔵 Parallel 🖲 Stan	d By 🔵 Parallel and Stand By	
*The system has been design	ed as a Stand-by Generation in acco	rdance with AS3010 and NSW s	service and installation rules	🔿 Yes 🔵 No	
*Embedded Generation is co	nnected via		Inverter O Non Inverter	Inverter and Non-Inverter	
New Inverter					
New Inverter *Energy Source					
				~	
				~	
*Energy Source	Manufactu	rer Name	Model Number		
*Energy Source	-	Phase A	Model Number Phase B	Phase C	
*Energy Source	-				
*Energy Source	Inverter Ra     per Phase	Phase A	Phase B		

- 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.
- By Selecting 'Standby' You will be asked to confirm your design is in accordance with AS3010 and NSW service and installation rules.
- Select how the Embedded Generation will be connected, then click + Inverter to add an inverter.
- 4. Select the Energy Source from the drop down list: PV only, Battery only, PV and Battery, Fuel Cell or Other.
- 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. Click **Save** to add the information.
- 7. Confirm if **energy storage** will be configured to generate when the network is off.

### Connect a New Embedded Generation / Storage System

	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	
*S	ingle Line Diagram						• Browse File	1
*C	ontrol/protection settings and schematic diagrams	0						
							🕑 Browse File	2
	My installation is part of a multi-tenanted premise Generation installed. ④ *Total existing inverter connected generation kW	) Yes	O No	3				

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

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



### Connect a New Embedded Generation / Storage System

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.	6
*The installer and equipment have current approval from the Australian Clean Energy Council (CEC).	6
*Proposed inverter(s) complies with the voltage rise requirements of NSW Service and Installation Rules	6
*Proposed inverter(s) have Volt-VAR and Volt-Watt response modes enabled.	6
*In preparing this application I have considered the requirements of NS194 Connection of Embedded Generators	6
*In preparing this application I have considered the requirements of the Service and Installation Rules of NSW	6
*In preparing this application I have considered the requirements of the AS/NZS3000:2018 The Wiring Rules.	6
✓In preparing this application I have considered the requirements of the AS/NZS4777 Grid connection of energy systems via inverters	6

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

- iii. Inverters comply voltage rise requirements: <u>https://energy.nsw.gov.au/government-and-</u> <u>regulation/legislative-and-regulatory-requirements/service-</u> <u>installation-rules</u>
- iv. Inverters have Volt-VAR and Volt-Watt response modes enabled: <u>https://energy.nsw.gov.au/government-and-</u> regulation/legislative-and-regulatory-requirements/serviceinstallation-rules
- v. You have considered the requirements for NS194
   Connection of Embedded Generators: <u>https://www.ausgrid.com.au/ASPs-and-</u> <u>Contractors/Technical-documentation/Network-Standards</u>
- vi. You have considered the requirements of the Service and Installation Rules of NSW: <u>https://energy.nsw.gov.au/government-and-</u> <u>regulation/legislative-and-regulatory-requirements/service-</u> <u>installation-rules</u>
- vii. You have considered the requirements of the AS/NZS3000:2018 Wiring Rules, more information can be found at: <u>https://www.saiglobal.com/online/</u>
- 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		*E	Emergency Repairs				
*Existing Point of Common Coupling							
*Existing Asset Identifier					3 •		
*Proposed Point of Common Coupling	*Proposed Point of Common Coupling						
*Proposed Asset Identifier					5 💿		
*Existing Connection Point					<b>√ 0</b>		
*Proposed Connection Point					6		
					<b>▼</b> 6		
*Existing service length greater than 50 r	netres				Ves No		
*Proposed service length greater than 50	) metres				🔵 Yes 🔵 No		
*Proposed Service Type					· · · · · · · · · · · · · · · · · · ·		
*Service Voltage					8		
Low voltage 230/400v					× *		
*Are you proposing to increase the servic	ce connection size?				_ v <b>∂</b> _ v₀		
*Existing Maximum Demand	Number of Phases	•	Phase A	Phase B	Phase C		
*Proposed Maximum Demand 0	Number of Phases	•	Phase A	Phase B	Phase C		
*Are you intending to connect, alter or m	naintain controlled load at this prem	nises? 🗿	)				

\*Is it like for like?

Select if the **Emergency Repairs** will be like for like, if **No** complete the following fields on this page.

Select the existing point of common coupling from the drop-down menu.

Provide the **asset identifier** for the existing point of common coupling – if there is no asset identifier enter 'unknown'.

Select the proposed point of common coupling from the drop-down menu.

Provide the proposed **asset identifier** for the point of common coupling – if there is no asset identifier enter 'unknown'.

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.

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.

Select the **service type and voltage** from the drop-down menus - specify the demand that is nearest to, but above the calculated maximum demand.

If intending to increase the selection connection size.

<u>Note</u>: I 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.

 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 existing and proposed maximum demand.

 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 dropdown menu, and select the number of phases that this will apply to.

🔵 Yes 🔘 No

### Alter Existing Connection - Load Details - Install, Alter or Remove Control Load

Installation change

all, Alter or Remove Controlled Load

*Service Voltage					
Low voltage 230/400v					×
*Are you proposing to increase the servi	ice connection size?				⊖ Yes 20
*Existing Maximum Demand 🚯	Number of Phases	-	Phase A	Phase B	Phase C
*Proposed Maximum Demand 0	Number of Phases	•	Phase A	Phase B	Phase C
*Are you intending to connect, alter or r	maintain controlled load	at this premises	? 0		⊖ Yes O <mark>_l</mark> o
Additional Comments (up to 2000 charact	ers)	This section	is provided to su	upply additional commer	nts if required,

- Select Service Voltage from the drop-down specify the demand that is nearest to, but above the calculated maximum demand.
- If intending to increase the selection connection size.
   <u>Note</u>: I 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.
- For each premises, select the Number of Phases from the dropdown menu; then for each phase (Phase A, Phase B, Phase C) specify the existing and proposed maximum demand.
- 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 Sup	ply (твs) 🗹	- 1.
*Existing Point of Common Coupling				1 -	2.
*Existing Asset Identifier				2 0	3.
*Proposed Point of Common Coupling				3 -	4.
*Proposed Asset Identifier				4 •	5.
*Existing Connection Point				- G	
*Proposed Connection Point				5	6.
				<b>▼</b> 0	
*Existing service length greater than 50 m	metres			⊖ Yes ⊖ No	7.
*Proposed service length greater than 50	) metres			Yes No	
*Proposed Service Type					8.
*Service Voltage				7	
Low voltage 230/400v				× •	
*Are you proposing to increase the servi	ce connection size?			o ∧ ⊖ 8 ⊖	9.
*Existing Maximum Demand 0	Number of Phases	Phase A	Phase B	Phase C	
				U	
*Proposed Maximum Demand 0	Number of Phases 🔻	Phase A	Phase B	Phase C	10

Select the existing point of common coupling from the drop-down menu.

Provide the **asset identifier** for the existing point of common coupling – if there is no asset identifier enter 'unknown'.

Select the **proposed point of common coupling** from the drop-down menu.

Provide the proposed **asset identifier** for the point of common coupling – if there is no asset identifier enter 'unknown'.

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.

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.

Select the **service type and voltage** from the drop-down menus - specify the demand that is nearest to, but above the calculated maximum demand.

If intending to increase the selection connection size.

Note: I 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.

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 existing and proposed maximum demand.

 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 Tempora Connection		a permanent	✓ 1.
*Existing Point of Common Coupling				1	2.
*Existing Asset Identifier				2	<b>3</b> .
*Proposed Point of Common Coupling				3	- 4.
*Proposed Asset Identifier				4	<b>3</b> .
*Existing Connection Point				5	<ul> <li>6.</li> </ul>
*Proposed Connection Point				- J -	0
*Existing service length greater than 50 m				6	<sup>No</sup> 7.
*Proposed service length greater than 50 *Proposed Service Type	r metres			O Yes O	8.
*Service Voltage				7	· ·
*Are you proposing to increase the servi	ce connection size?			ୢଞ	<sup>No</sup> 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	-

Select the existing point of common coupling from the drop-down menu.

48

Provide the **asset identifier** for the existing point of common coupling – if there is no asset identifier enter 'unknown'.

Select the **proposed point of common coupling** from the drop-down menu.

Provide the proposed **asset identifier** for the point of common coupling – if there is no asset identifier enter 'unknown'.

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.

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.

Select the **service type and voltage** from the drop-down menus - specify the demand that is nearest to, but above the calculated maximum demand.

If intending to increase the selection connection size.

Note: I 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.

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 existing and proposed maximum demand.

 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

\*Alter Number of Phases

*Service Voltage Low voltage 230/400v					× -
*Are you proposing to increase the ser	vice connection size?				⊖ Yes ( <b>2</b> 10
*Existing Maximum Demand 🔞	Number of Phases	•	Phase A	Phase B	Phase C
*Proposed Maximum Demand 0	Number of Phases	~	Phase A	Phase B	Phase C
*Are you intending to connect, alter or	maintain controlled load at t	his premises?	0		⊖ Yes 📿 Vo
Additional Comments (up to 2000 charac	(âà)	his section i	s provided to su	pply additional comment	is if required,

- Select Service Voltage from the drop-down specify the demand that is nearest to, but above the calculated maximum demand.
- If intending to increase the selection connection size.
   <u>Note</u>: I 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.
- For each premises, select the Number of Phases from the dropdown menu; then for each phase (Phase A, Phase B, Phase C) specify the existing and proposed maximum demand.
- 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.



Service change

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

Service change		*Install or replace 'A' po	ole (private)	
*Existing Point of Common Coupling				2
*Existing Asset Identifier				
				3 o
*Proposed Point of Common Coupling				4
				4 •
*Proposed Asset Identifier				5 •
*Existing Connection Point				
				6
*Proposed Connection Point				· 0
*Existing service length greater than 50	metres			
				/ /
*Proposed service length greater than 50	0 metres			Yes No
*Proposed Service length greater than 50 *Proposed Service Type	0 metres			
	0 metres			Yes No
	0 metres			
*Proposed Service Type Service Voltage				8 × •
*Proposed Service Type  *Service Voltage Low voltage 230/400v				8 × *
*Proposed Service Type  *Service Voltage Low voltage 230/400v		r Phase A	Phase B	8 × • 0 vg 0 vo
*Proposed Service Type  *Service Voltage Low voltage 230/400v  *Are you proposing to increase the servi	ce connection size?		Phase B Phase B	8 × • 0 Yg 0 No

#### \*Is it like for like?

Select if the **Pole Replacement or Installation** will be like for like, if **No** complete the following fields on this page.

Select the existing point of common coupling from the drop-down menu.

Provide the **asset identifier** for the existing point of common coupling – if there is no asset identifier enter 'unknown'.

Select the proposed point of common coupling from the drop-down menu.

Provide the proposed **asset identifier** for the point of common coupling – if there is no asset identifier enter 'unknown'.

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.

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.

Select the **service type and voltage** from the drop-down menus - specify the demand that is nearest to, but above the calculated maximum demand.

If intending to increase the selection connection size.

<u>Note</u>: I 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.

- 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 existing and proposed maximum demand.
- 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 dropdown menu, and select the number of phases that this will apply to.

**50** 

Ves No

### Alter Existing Connection - Load Details - Alter Common Coupling

-											
	e	r١	Л	С	е	С	h	а	n	g	
										-	

\*Alter Point of Common Coupling

*Existing Connection Point					
					- €
*Proposed Connection Point					
					<b>▼ 0</b>
*Existing service length greater than 50	) metres				Yes No
*Proposed service length greater than §	50 metres				Ves No
*Proposed Service Type					
					, ,
*Service Voltage					3
Low voltage 230/400v					× 🔻
*Are you proposing to increase the serv	vice connection size?				\_ Yes \_ No 4
*Existing Maximum Demand 🚯	Number of Phases	•	Phase A	Phase B	Phase C
			i naso i i		5
*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 🌀					
Additional Comments (up to 2000 charac	ters)				
		This section	on is provided to s	supply additional cor	nments if required,
	Y S		•		• •
	<b>V</b>				

Ausgrid Better Together

- 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.
- 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.
- Select the service type and voltage from the drop-down menus specify the demand that is nearest to, but above the calculated maximum demand.
- If intending to increase the selection connection size.
   <u>Note</u>: I 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.
- For each premises, select the Number of Phases from the dropdown menu; then for each phase (Phase A, Phase B, Phase C) specify the existing and proposed maximum demand.
- 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 / Recor	nection		
*Existing Point of Common Coupling				2	Ĵ
*Existing Asset Identifier					┥
				3	6
*Proposed Point of Common Coupling				4	-
*Proposed Asset Identifier				5	6
*Existing Connection Point				5	
				6	•
*Proposed Connection Point				-	•
*Existing service length greater than 50	metres			Yes	No
*Existing service length greater than 50 *Proposed service length greater than 50				7	No No
				7	
*Proposed service length greater than 50				7	
*Proposed service length greater than 50 *Proposed Service Type				7 () Yes ()	No
*Proposed service length greater than 50 *Proposed Service Type *Service Voltage	) metres			7 • ves • 8	No
*Proposed service length greater than 50 *Proposed Service Type *Service Voltage Low voltage 230/400v	) metres	Phase A	Phase B	7 • ves • 8	No
*Proposed service length greater than 50 *Proposed Service Type *Service Voltage Low voltage 230/400v *Are you proposing to increase the servi	) metres		Phase B Phase B	7 • ves • 8 • vg •	No *

#### \*Is it like for like?

Select if the **Disconnection / Reconnection** will be like for like, if **No** complete the following fields on this page.

Select the existing point of common coupling from the drop-down menu.

Provide the **asset identifier** for the existing point of common coupling – if there is no asset identifier enter 'unknown'.

Select the proposed point of common coupling from the drop-down menu.

Provide the proposed **asset identifier** for the point of common coupling – if there is no asset identifier enter 'unknown'.

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.

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.

Select the **service type and voltage** from the drop-down menus - specify the demand that is nearest to, but above the calculated maximum demand.

If intending to increase the selection connection size.

<u>Note</u>: I 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.

- 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 existing and proposed maximum demand.
- 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 dropdown menu, and select the number of phases that this will apply to.

**52** 

Ves No

### Alter Existing Connection - Load Details - Emergency Repairs

Service change		*Emergency Repairs			*
				<u> </u>	
*Existing Point of Common Coupling				2 -	1.
				۷. ۲	
*Existing Asset Identifier				2	2.
				3 •	3.
*Proposed Point of Common Coupling					0.
				4 -	
*Proposed Asset Identifier					4.
				5 🔹	5.
*Existing Connection Point					
-				<b>~ 0</b>	6.
*Proposed Connection Point				6	
				- O	
					7.
*Existing service length greater than 50	metres				
*Proposed service length greater than 50	0 metres			Yes No	8.
*Proposed Service Type					
				· · ·	9.
to an inclusion				8	
*Service Voltage				× -	
LOW VOILage 230/400V				^ · ·	
*Are you proposing to increase the servi	ce connection size?			O Y <b>G</b> O №	
				<u> </u>	10.
*Existing Maximum Demand ()	Number of Phases 🔻	Phase A	Phase B	Phase C	
*Proposed Maximum Demand 0	Number of Phases			10	
	Number of Phases 🔻	Phase A	Phase B	Phase C	11.
*Are you intending to connect, alter or r	naintain controlled load at this premis	es? 🟮			

\*Is it like for like?

Select if the **Emergency Repairs** will be like for like, if **No** complete the following fields on this page.

Select the existing point of common coupling from the drop-down menu.

Provide the **asset identifier** for the existing point of common coupling – if there is no asset identifier enter 'unknown'.

Select the proposed point of common coupling from the drop-down menu.

Provide the proposed **asset identifier** for the point of common coupling – if there is no asset identifier enter 'unknown'.

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.

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.

Select the **service type and voltage** from the drop-down menus - specify the demand that is nearest to, but above the calculated maximum demand.

If intending to increase the selection connection size.

<u>Note</u>: I 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.

 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 existing and proposed maximum demand.

 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 dropdown menu, and select the number of phases that this will apply to.

🔵 Yes 🔘 No

### Alter Existing Connection – Summary With No Embedded Generation

✔ Alter Existing Connection	1
LOCATION	
Land Title Type Strata Street Number/RMB 39 Location Address	
Location Address Gardinia Street, Narwee, 2209 Land Zoning Urban	2 [Edit]
APPLICANT	
Applicant Type Retail Customer Full Name Miss Ima Modifyer Email Address modify@gmail Street Number/RMB 39	
Applicant Address Gardinia Street Narwee 2209 Phone Number 0412123456	<b>2</b> [Edit]

- 1. Review your application
- You will have the option to edit information from this summary page by **Review** associated fees.



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

LOAD DETAILS							1
INSTALLATION CHANGE							
Install, Alter Or Remove Controlled	Load						
Yes							
Service Voltage							
Low Voltage 230/400v							
Are You Proposing To Increase The S	Service Connection Size?						
No							
Existing Maximum Demand	Number Of Phases:	1	Phase A:	200			
Proposed Maximum Demand	Number Of Phases:	2	Phase A:	100	Phase B:	100	
Are You Intending To Connect, Alter	Or Maintain Controlled Load	At Th	is Premises?				
No							12
							[Edit]



### Alter Existing Connection – Expedited Connection Generation With No Embedded Generation

EXPEDITED CONNECTION	Option A
Do you want to expedite your connection offer for all premises?	● Yes ○ No
You can download the Basic Connection Services Offer - up to 100 Amps for your records here.	
Ausgrid will send you an offer that meets your supply requirements.	

#### **OPTION A – 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 and there is no need for the offer to be sent to you, signed and returned to Ausgrid.

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.

EXPEDITED CONNECTION	Option B
Do you want to expedite your connection offer for all premises?	Yes No
Please download the Basic Connection Services Offer - up to 100 Amps here. Do you agree to the Terms and Conditions of the offer?	● Yes ○ No 2
Ausgrid will send you an offer that meets your supply requirements.	
EXPEDITED CONNECTION	Option C
Do you want to expedite your connection offer for all premises?	_ Yes ● No 1
Please download the Basic Connection Services Offer - up to 100 Amps here. Do you agree to the Terms and Conditions of the offer?	○ Yes ● No 2
Ausgrid will send you an offer that meets your supply requirements.	

#### **OPTION B – Accept a Model Standing Offer**

- 1. Select NO if you do not want to expedite your connection offer.
- Select YES if you agree to the Terms and Conditions of the offer. You are able to Review the models standing offer by selecting (here)
   <u>Note</u>: The connection application will be processed efficiently because if Ausgrid agrees that the offer is right for your proposed connection and
  - there is no need for the offer to be sent to you, signed and returned to Ausgrid.

#### **OPTION C – Negotiate a connection offer**

- . Select NO if you do not want to expedite your connection offer.
- Select NO if you don't agree to the Terms and Conditions of the offer.
   <u>Note</u>: if you do not accept the terms and conditions,

Ausgrid will send you an offer that meets your supply requirements.

# Altering Existing Connection + Embedded Generation - Declaration

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.	6
The installer and equipment have current approval from the Australian Clean Energy Council (CEC).	6
*Proposed inverter(s) complies with the voltage rise requirements of NSW Service and Installation Rules	6
*Proposed inverter(s) have Volt-VAR and Volt-Watt response modes enabled.	6
*In preparing this application I have considered the requirements of NS194 Connection of Embedded Generators	6
*In preparing this application I have considered the requirements of the Service and Installation Rules of NSW	6
*In preparing this application I have considered the requirements of the AS/NZS3000:2018 The Wiring Rules.	6
*In preparing this application I have considered the requirements of the AS/NZS4777 Grid connection of energy systems via inverters	6

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

56

- iv. Inverters have Volt-VAR and Volt-Watt response modes enabled: <u>https://energy.nsw.gov.au/government-and-</u> regulation/legislative-and-regulatory-requirements/serviceinstallation-rules
- v. You have considered the requirements for NS194 Connection of Embedded Generators: <u>https://www.ausgrid.com.au/ASPs-and-</u> <u>Contractors/Technical-documentation/Network-Standards</u>
- vi. You have considered the requirements of the Service and Installation Rules of NSW: <u>https://energy.nsw.gov.au/government-and-</u> <u>regulation/legislative-and-regulatory-requirements/service-</u> <u>installation-rules</u>
- vii. You have considered the requirements of the AS/NZS3000:2018 Wiring Rules, more information can be found at: <u>https://www.saiglobal.com/online/</u>
- viii. You have considered the requirements of the AS/NZS4777 Grid Connection of energy systems via inverters: https://www.saiglobal.com/online/

### Altering Existing Connection – Summary With Embedded Generation

Existing Connection Below 100 AMP		Reference Code : 0013049		
Amalgamation		1	1 Rev	iew your application
LOCATION Retailer Agl Property Type Unit Land Title Type Strata Unit/Shop Number 7 Street Number/RMB 39 Location Address Gardinia Street, Narwee, 2209			2. You from	will have the option to edit information this summary page by <b>Review</b> ociated fees. This summary page is indicative,
Land Zoning Urban APPLICANT Applicant Type Retail Customer Full Name Miss Ima Modifyer Email Address Modify@gmail	LOAD DETAILS PREMISES THAT ARE BEING PERMANENTLY DISCONNECTED	2 [Edit]	1	dependent of the choices you made regarding embedded generation and alterations.
Street Number/RMB 39 Applicant Address Gardinia Street Narwee 2209 Phone Number 0412123456	Premises Type: Unit Unit/Shop: 8 Number Of Premises: 1 LOAD DETAILS FOR REMAINING PREMISES	NMI 4500000000	Meter Number 123456789	
	Premises Usage: Residential Type: Unit Unit/Shop: 7 Number Of Premises: 1 Are You Altering The Existing Premises? No	NMI 4500000001	Meter Number 987654321	



### Alter Existing Connection - Expedited Connection With Embedded Generation



#### **OPTION A – 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 and there is no need for the offer to be sent to you, signed and returned to Ausgrid.

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.

EXPEDITED CONNECTION	Option B
Do you want to expedite your connection offer for all premises?	Ves No
Please download the Basic Connection Services Offer - up to 100 Amps here. Do you agree to the Terms and Conditions of the offer?	● Yes ○ No 2
Ausgrid will send you an offer that meets your supply requirements.	
EXPEDITED CONNECTION	Option C
Do you want to expedite your connection offer for all premises?	○ Yes ● No 1
Please download the Basic Connection Services Offer - up to 100 Amps here. Do you agree to the Terms and Conditions of the offer?	○ Yes ● No 2
Ausgrid will send you an offer that meets your supply requirements.	

#### **OPTION B – Accept a Model Standing Offer**

- 1. Select NO if you do not want to expedite your connection offer.
- Select YES if you agree to the Terms and Conditions of the offer. You are able to Review the models standing offer by selecting (here)
   <u>Note</u>: The connection application will be processed efficiently because if Ausgrid agrees that the offer is right for your proposed connection and there is no need for the effects he cent to your proposed connection and
  - there is no need for the offer to be sent to you, signed and returned to Ausgrid.

#### **OPTION C – Negotiate a connection offer**

- 1. Select NO if you do not want to expedite your connection offer.
- Select NO if you don't agree to the Terms and Conditions of the offer.
   <u>Note</u>: if you do not accept the terms and conditions,

Ausgrid will send you an offer that meets your supply requirements.

# Alter Existing Connection – Declaration

DECLARATION	
	1
Applicant Name	
Miss Ima Modifying	
Application Date	
31-May-2019	
Price Description	Price Including GST
Below 100 Amps Connection for Urban Area 1 x	AUD \$
Standby - Technical Assessment required	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.



- Review your **Declaration** that you understand the Total Price to be paid and the Terms and Conditions.
- 2. By clicking 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.



20

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

**59** 

## **Alteration - Payment**

Payment Confirmation	×
Do you want to proceed to	payment for the amount : AUD Pay
	Or
Share application for paym	ent Email Address i Share
BPOINT' Receivables Solution	Supported by the CommonwealthBank
Make a BPOINT Payment	
Biller Code:	1261338 (Ausgrid - Ausgrid)
Ref#:	1261338 (Ausgrid - Ausgrid) 0011659
Amount (AUD):	
Select your payment option:	Masercare VISA

1. 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.

