

# Consultants Advice

To Orosi  
Attention Hamid Samavi  
Description Electrical Authority (Ausgrid) Response Summary  
Document Date 2/02/2024  
From Stuart Johnson

BSE have been engaged by Orosi to calculate the electrical maximum demand of the proposed development at 3 & 4 Llanfoyst Street Randwick in accordance with AS3000 and submit an application for connection to Ausgrid to confirm the required works to accommodate the required power supply.

We provide this advice to summarise the application process and response from Ausgrid. Note: BSE has no control of the supply authority (Ausgrid) and their response times and requirements. Ausgrid may change their requirements at any time. As such, we recommend the client complete the items outlined in the "what to do next" section of the Ausgrid response in order to finalise the connection.

BSE completed an electrical maximum demand calculation in accordance with AS3000 using the architectural drawings dated 18.01.24 prepared by Orosi. The outcome of the calculation is a maximum demand of 181.55 amps/phase based on the following assumptions:

- Electric water heaters throughout
- Air conditioning provided to each apartment with max 2.5 kW power draw
- No spas or swimming pools
- EV charging to each car space to minimum requirements of NCC 2022
- Single lift with max 10 kW power draw
- Miscellaneous motors with max 5 kW power draw
- Communal lighting and power with max 7.25 amp and 8 amp draw respectively

The application for connection was submitted to Ausgrid by BSE on 24.01.24 and a response received from Ausgrid on 31.01.24. This response is provided in the attached appendix and states the following site specific connection details:

- The maximum capacity of the connection is 180 amps 3 phases. Ausgrid may revise the maximum capacity downwards after 2 years if the maximum has not been achieved in order to relieve a network constraint. See also clauses 2.5, 2.6 and 3 of the connection contract.
- The connection point is MAIN SWITCHBOARD . See also clause 2.7 of the connection contract.
- The point of common coupling is POLE SY-14385 . See also clause 2.8 of the connection contract.
- Remove existing service.

This means Ausgrid have currently approved for the site to be provided a services of 180 amps maximum capacity from the existing low voltage street network from a connection at existing Ausgrid power pole SY-14385. Ausgrid is not requesting the installation of a substation on site.

If you require any further information or clarification, please contact the undersigned.



Stuart Johnson (NSW Director)

**Appendix 1 – CONTRACT NOTIFICATION LETTER Expedited Contract for Basic Connections Over 100 Amps - 1900126336 RANDWICK - 3 LLANFOYST STREET\_ RANDWICK (4 pages)**

**Stuart Johnson**

---

**From:** Ausgrid Customer Team <CRM-no-reply@Ausgrid.com.au>  
**Sent:** Wednesday, 31 January 2024 1:28 PM  
**To:** Stuart Johnson  
**Cc:** Lingasen Pather; Contestability  
**Subject:** CONTRACT NOTIFICATION LETTER Expedited Contract for Basic Connections Over 100 Amps - 1900126336 RANDWICK - 3 LLANFOYST STREET, RANDWICK

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

## **CONTRACT NOTIFICATION LETTER**

### **Expedited Contract for Basic Connections Over 100 Amps**

31/01/2024 1:25 PM

Webformref: 1879135

BUILDING SERVICES ENGINEERS PTY LIMITED

Attention: STUART JOHNSON.

Via email: stuart.johnson@bse.com.au

Premises address: **3 LLANFOYST STREET , RANDWICK**

NMI Number **41041152003**

Ausgrid AP Reference: **800625622**

Ausgrid MC Reference: **1900126336**

Dear STUART ,

*Ausgrid* is pleased to inform you that it has approved your *connection application*, received on 24/01/2024 for *basic connection services* in respect of the *premises* referred to above.

*Ausgrid* provides *basic connection services* of the kind required for this *connection* in accordance with our standard form connection contract known as ***Contract for Basic Connections Over 100 Amps***. You elected for an *expedited connection* in the *connection application* and you consider that this model standing offer is acceptable. Therefore, in accordance with the provisions of Chapter 5A of the National Electricity

Rules, the contract commenced on the date *Ausgrid* received your *connection application*.

Due to reasons relating to *Ausgrid's* obligation to maintain the safety, security and reliability of its *distribution system*, *Ausgrid* may have modified the *connection* details as specified in your *connection application*. The *connection* details are as specified below:

- The maximum capacity of the *connection* is 180 amps 3 phases. *Ausgrid* may revise the maximum capacity downwards after 2 years if the maximum has not been achieved in order to relieve a network constraint. See also clauses 2.5, 2.6 and 3 of the *connection contract*.
- The *connection point* is MAIN SWITCHBOARD . See also clause 2.7 of the *connection contract*.
- The *point of common coupling* is POLE SY-14385 . See also clause 2.8 of the *connection contract*.
- Remove existing service.

This offer does not relate to *relocation* works. See clause 2.9 of the *connection contract*.

Your ASP2 should contact *Ausgrid's* Operational Support Team ( [resservicesupport@ausgrid.com.au](mailto:resservicesupport@ausgrid.com.au) ) if a connection is to be made to a low voltage distribution pillar which is identified in *Ausgrid* Network Standard, NS199. In these cases, it may be necessary for *Ausgrid* to undertake remedial works prior to your connection being made and your connection will not be available immediately.

*Ausgrid* and the *connection customer* are the parties to the contract. If you applied for the *connection* on behalf of the *connection customer*, you have done so as that person's agent.

Please note that before a new *connection* is electrified, the *retail customer* who will be using electricity at the *premises* will be required to enter into a *retail contract* with a *retailer* if one is not already in place. The *National Metering Identifier (NMI)* at the top of this letter should be provided to the *retailer*. We will then contact you or the *connection customer* (as appropriate) again to issue a job number which provides you permission to connect in accordance with *Ausgrid's* documented requirements.

As specified in clause 7 of the contract, we will either bill you, your retailer or an electrical professional acting on your behalf for connection charges incurred under the contract. Other than the charges billed your retailer, you are responsible for ensuring those connection charges are paid. By entering into this contract, you agree to these billing and payment arrangements.

If you have indicated in your *connection application* that you wish to relocate existing *distribution network* assets Ausgrid will notify you separately whether or not it will permit the relocation.

If this is an application for a new connection, please contact your electricity retailer to arrange for metering to be installed. Installations associated with new connections MUST NOT be energised until a National Electricity Rule compliant metering has been installed.

A copy of the *connection contract* is available for your review on our website <http://www.ausgrid.com.au> at the following link:

<https://www.ausgrid.com.au/-/media/Documents/Connections/Offers/Basic-Connection-Services-Connections-over-100-Amps.pdf>

Alternatively, please let us know if you wish us to send you a copy of the *connection contract*.

## **WHAT TO DO NEXT:**

- Engage an ASP2 and/or electrical contractor as required for your connection works
- Login to [Ausgrid Portal](#) and nominate the Electrical Contractor and/or the ASP/2 you have engaged on the "Project Team" page of your connection record
- Your ASP/2 and/or Electrical Contractor will need to use the portal to submit appropriate private installation documentation to Ausgrid for review

If your Electrical Contractor or ASP/2 have not registered to use the Ausgrid Portal please contact the undersigned.

Should you require any further information please contact me on the phone number or email address detailed below.

Yours sincerely,

Lingasen Pather

**Ausgrid**

Direct Telephone Number: 0296639209

Email: [LPather@ausgrid.com.au](mailto:LPather@ausgrid.com.au)

This e-mail may contain confidential or privileged information. If you have received it in error, please notify the sender immediately via return e-mail and then delete the original e-mail. If you are the intended recipient, please note the change of sender email address to [@ausgrid.com.au](mailto:@ausgrid.com.au). Ausgrid has collected your business contact details for dealing with you in your business capacity. More

information about how we handle your personal information, including your right of access is contained at <http://www.ausgrid.com.au/>