

APPLICATION FOR AN ELECTRICITY CONNECTION IN THE OLYMPIC DAM INDUSTRIAL AREA

Thank you for your enquiry about the supply of electricity to your Site.
Before we can approve a connection for your Site, we need to know all about the type of supply you need.
Attached is an application form for you to complete.

Please complete this form if your electricity supply need fits one or more of the following descriptions:

- It is a new supply for a commercial or industrial Site
- It is an upgrade of an existing supply for your Site.

Part A

This section is to be filled in by all applicants. General data.

Part B

This section is to be filled in by all applicants. Attach scope of work/ connection specification.

Next steps

At the end of this form is a checklist of the diagrams, documents and information you need to attach to your application. Please use this list to ensure you have enclosed everything.

Please return the completed form and attachments to us by either faxing or mailing to

Fax: (08) 8671 0505

Post: PO Box 150, Roxby Downs SA 5725, C/o Facilities Coordinator

When we have received your form, we will confirm receipt in writing within 5 working days and provide contact details of the person looking after your project.

If you have any other questions about this application form, please phone the Facilities Coordinator on (08) 8671 8888.

Part A – General, for all applicants

This part may be completed by your electrical consultant / contractor

Name of Applicant (for Tax Invoice purposes)

Company Name: _____ ABN: _____
Contact Name: Title: _____ Given Name: _____ Surname: _____
Current Address: _____
Town: _____ Postcode: _____
Contact Number: Home: _____ Work: _____
Mobile: _____ Fax: _____

Postal Address (for Tax Invoice purposes)

Town: _____ Postcode: _____

Is the Applicant the Lot Owner? Yes No

Electrical Consultant / Electrical Contractor

Business / Company Name: _____
Address: _____ Town: _____ Postcode: _____
Contact Person: _____
Contact Number: Work: _____
Mobile: _____ Fax: _____
Email: _____

Site Connection Required Details

Lot No. _____ Street Number: _____ Street: _____
Town: _____ Postcode: _____
Contact Number: _____ Mobile: _____ Fax: _____

Type of Network Connection

- Commercial (provide details, eg. site office)
- Industrial (provide details, eg. steel fabrication workshop) _____

Connection Required for:

- New Site / Installation Temporary Site Supply (less than 1 year)
- Alterations or additions to existing Site / Installation New customer
- Other (please specify) _____

Date Connection required _____

Please allow a minimum of two (2) weeks, from receipt of form for approval.

Is supply greater than 63 amps? Yes No (If Yes, please complete Part B of this application)

Are there multiple units? Yes No (If Yes, please complete Part C of this application)

PART B – Load details for supplies greater than 63 amps

The information in this part is required to ensure you are provided with an appropriate connection for your Site. An electrical consultant / contractor is required to complete this part.

Existing load demand (where applicable)

Maximum demand _____ Amps/phase or _____ kVA

Present consumption _____ kWh/day Existing tariff _____

Additional / new load demand

Please add the additional load to the existing load and provide a total demand figure.

Estimated total maximum demand

Initial total loading _____ Amps/phase or _____ kVA by // (date)

Ultimate total loading _____ Amps/phase or _____ kVA by // (date)

Estimated total consumption

Initial _____ kWh/day Ultimate _____ kWh/day

Method used to estimate load

AS/NZ3000 Volt amps (VA)/m² Direct reading / load survey

Other (please specify) _____

Load Pattern

Normal operating hours (per week day) _____

Normal operating hours (per weekend) _____

Weekly operation pattern (eg. Monday to Friday or 7 days a week) _____

Annual operating pattern (if there is a seasonal variation) _____

Tariff details**CT Metering (for loads of more than 100 amps)**

Is/are CT meter/s required? Yes No

Part B continued – load details for supplies greater than 63 amps

Disturbing equipment and motor details

Please indicate if the type of electrical equipment proposed for use in the Site / Installation falls into the following motor or disturbing equipment categories, then complete either 6.1 and/or 6.2 as shown.

Please make extra copies of the table if necessary.

Motors (eg. pumps, compressors, conveyors, crushers, etc)

Please complete section 6.1 below

Power Converting Equipment (eg. rectifiers, inverters, degaussing equipment, variable speed motor drives, X-Ray machines, etc).

Arcing Devices (eg. arc furnaces, welding equipment, discharge lamps, etc).

Magnetic Core Equipment (eg. voltage regulating transformers, induction furnaces, etc).

Power Factor Correction/Harmonic Mitigating Equipment (eg. reactors/chokes, capacitors, etc)

Please complete section 6.2 below

6.1 Details of motors

Motor	1	2	3	4
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Is the motor new or existing?

Number of starts (per day/hour/min/sec)

Motor size (kW)

Starting device
(D.O.L. star delta (close transition, autotransformer, soft start, liquid resistance starter)
Other (please specify) _____

Any other relevant information

6.2 Details of disturbing device

Disturbing equipment	1	2	3	4
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Type of equipment

Is it new or existing?

Number of disturbances (per day/hour/min/sec)

Device power rating (kW)

Any other relevant information

Note: Disturbing equipment can affect the quality of the electricity supply to other customers connected to the electricity network. BHP Billiton may require you to mitigate the disturbances caused by this equipment.

Additional information - Checklist

If you have engaged an electrical consultant to act on your behalf, it is essential that you attach a letter to this form, authorising him or her to act as your representative.

Yes, I have engaged a consultant to represent me and have enclosed a letter of authority.

Please attach a complete scope of works to this application form including the following information:

- Copy of site plan/layout of Site and Installation, showing position of all electrical distribution switchboards, main cable routes, etc
- Electrical single line diagram of Site / Installation, detailing all primary plant ratings (eg. rating of fixed plant, cable rating, protective devices installed, etc.)
- Equipment technical information data-sheet for equipment in Part B, section 6, (eg. voltage and current harmonic contents, starting characteristics, etc.) – If appropriate
- Earthing details
- Load profiles, if available

Any questions?

**Please telephone BHP Billiton Facilities Operations Department Representative:
Facilities Coordinator – 08 8671 8888**

Appendix A

Your Site / Installation will not be connected to our network and/or energised until:

- an Electrical Certificate of Compliance (**ECC**) has been provided to us; and
- you have demonstrated that all pre-conditions to connection and/or energisation set out in this Application and/or the "Installation Rules" set out Appendix B have been satisfied.

The following details must be entered on the ECC.

1. Consumer mains (size, type 2 core, 3 core, 4 core, length)
2. Main switchboard details.
3. Any other circuits.

Note: If any of the above requirements are missing BHP Billiton will not connect the Site / Installation to the network.

After your Site / Installation has been connected, the Occupier must continue to comply with the Installation Rules as set out in Appendix B.

Appendix B

Set out below is a copy of the 'Installation Rules' that will apply to the connection of your Site and Installation to our network and the supply of electricity from our network to your Site and Installation. The 'Installation Rules' form part of the sub-licence for your Site and will be located in Attachment 1 to your sub-licence.

BHP Billiton Olympic Dam Corporation Pty Ltd Installation Rules

1. **Definitions**

“**Agreement**” means the sub-licence agreement between BHP Billiton and the Occupier.

“**BHP Billiton**” means BHP Billiton Olympic Dam Corporation Pty Ltd.

“**Electricity Services**” means the services provided by BHP Billiton to the Occupier for the connection to, and supply of electricity for the Site from, BHP Billiton's electricity infrastructure in the Industrial Area.

“**Industrial Area**” means the industrial estate on which the Site is located.

“**Installation**” means an electrical installation located at the Site.

“**Occupier**” means the person named as the 'Occupier' in Item 1 of the Schedule of the Agreement..

“**Services Charges**” means the charges for electricity and water payable by the Occupier in accordance with the Agreement.

“**Site**” means the land identified in Item 2 of the Schedule of the Agreement.

2. **Pre-conditions to Connection**

The Occupier is only entitled to receive the Electricity Services if:

- (a) the Occupier submits to BHP Billiton an Application for an Electricity Connection (Quality Document 61105) and an Electrical Certificate of Compliance;
- (b) the Occupier pays BHP Billiton the relevant application fee;
- (c) BHP Billiton approves the provision of Electricity Services to the Site;
and

- (d) the Occupier complies with any other pre-conditions reasonably notified to the Occupier by BHB Billiton at that time.

3. **Access**

The Occupier must give BHP Billiton safe and unhindered access to the Site for the purposes of the Electricity Services, including to complete and maintain the electrical connection to the Site, read any meters and install any necessary equipment at the Site.

4. **Charges and Billing**

- 4.1 The rates of the Services Charges payable to BHP Billiton by the Occupier for the Electricity Services will be determined by BHP Billiton from time to time, based on the reasonable costs of the connection and supply of electricity at the Site.
- 4.2 If there is an increase in the rates of those Services Charges, BHP Billiton must give at least 30 days notice to the Occupier before the increased rates take effect.
- 4.3 BHP Billiton will bill the Occupier for Services Charges in respect of the Electricity Services quarterly, or over a different period reasonably notified to the Occupier by BHB Billiton, at the billing address stated on the Occupier's Application for an Electricity Connection.
- 4.4 If the Occupier's billing address changes, the Occupier must promptly notify BHP Billiton of that change of address.
- 4.5 The Occupier must pay the amount specified on each bill, by the due date specified on that bill. BHP Billiton may charge the Occupier fees for late payment of a bill.
- 4.6 BHP Billiton may estimate the amount of electricity consumed at the Site if:
 - (a) BHP Billiton is not able to reasonably or reliably base the bill on an actual meter reading; or
 - (b) BHP Billiton has the Occupier's consent.
- 4.7 If a bill is estimated and the Occupier's meter is subsequently available to be read by BHP Billiton, BHP Billiton will adjust the Services Charges payable by the Occupier accordingly.

5. **Compliance**

The Occupier must comply with any applicable energy laws relating to the Electricity Services and BHP Billiton's reasonable requirements under those laws.

6. **Quality and Reliability of Supply**

To the extent permitted by law, BHP Billiton gives no condition, warranty or undertaking, and makes no representation to the Occupier, about the condition or suitability of the electricity supplied to the Site, its quality, reliability of supply, fitness for purpose or safety, other than as set out in the Agreement.

7. **Interruptions and disconnections**

Without limitation, BHP Billiton may interrupt or disconnect the supply of electricity to the Site where:

- (a) the Occupier fails to comply with these installation rules or breaches a term of the Agreement;
- (b) there is an emergency, health or safety reason;
- (c) BHP Billiton undertakes maintenance of, or alterations to, its electricity infrastructure in the Industrial Area;
- (d) BHP Billiton is required to do so by law or a relevant authority; or
- (e) BHP Billiton is of the opinion that the Site is unsuitable for the Electricity Services.

8. **Changes to these Installation Rules**

8.1 These installation rules may be updated by BHP Billiton from time to time. BHP Billiton must give the Occupier at least 10 days notice before those changes take effect.

8.2 The Occupier must comply with any updated installation rules that have been notified to the Occupier by BHP Billiton in accordance with rule 8.1.