

Design Brief

19 September 2024

Endeavour Energy Ref: UIL6856

Customer Ref:

Samuel Clayton

Edgewater Connections

Baulkham Hills NSW 2153

UIL6856 – LOT 301, DP 1244594, Connection of Load Application: 3 JOHNSTON CRESCENT, HORSLEY PARK

Your Proposed Method of Supply has been assessed, and Endeavour Energy has determined the method of supply requirements as outlined in the enclosed Design Brief. Please use this Design Brief in preparation of the design package which you will submit for certification.

The design must comply with all the conditions specified in this document, the Terms and Conditions of Endeavour Energy's Model Standing Offer for a Standard Connection Service and all relevant Endeavour Energy standards and instructions.

This Design Brief is valid for three (3) months from the date of issue.

The Ancillary Network Services Fees applicable to this phase of the project has a total of **\$10,636.62**. We will send you (or your nominated responsible party) a separate email that will detail these fees with instructions of how to make this payment via our Connections Portal.

Land Interests as specified in the Land Interest Guidelines ("LIG") are required for this project:

- ✓ ***Registered Land Interest applicable – Non-Subdivision – See LIG Section 6. Please provide a draft Plan of Easement, Administration Sheets and Section 88B instrument or Draft Real Property Act dealing/s prior to certification. Land Interests required to be registered, a minimum 3 weeks prior to planned energisation outage date as per Land Interest Guidelines for Network Connection Works – Dec 2022 Section 6.***

Should you have any enquiries regarding your application please contact the undersigned.

Yours faithfully,



Raj Kumar Adhikari

Customer Network Engineer

Ph: 0458 263 599

Email: CWTech@endeavourenergy.com.au

Enclosed:

1. Design Brief
2. Determination of Funding

Design Brief

19 September 2024

Endeavour Energy Reference: UIL6856

Customer Reference:

Method of Supply Requirement:

Substations are supplying different Warehouses. Please confirm that there are no physical interconnection between services from different substations.

1. Install 1 x 1,000 kVA, 11 kV padmount substation (PM1) at Warehouse A1 with SafeLink two Automated HV Switchgear. Connect PM1 to High voltage in opposite side of the Road running between SS 54714 and SS 95955. Close SW H2746 @ SS 54714 and open at PM1. Mechanical protection may required.
2. Install 1 x 1,000 kVA, 11 kV padmount substation (PM2) at Warehouse B with SafeLink one Automated HV Switchgear. Connect PM2 to High voltage in same side of the Road. Connect Automated switch to Zone substation side connection. Mechanical protection may required.
3. Install 1 x 1,000 kVA, 11 kV padmount substation (PM3) at Warehouse B with two feeders HV Switchgear. Loop in and out to HV cable connected to PM2. Mechanical protection may required.
4. All High voltage cables to be 240mm² CU 3C XLPE.
5. Registered Land Interest applicable – Non-Subdivision – See LIG Section 6. Please provide a draft Plan of Easement, Administration Sheets and Section 88B instrument or Draft Real Property Act dealing/s prior to certification. Land Interests required to be registered, a minimum 3 weeks prior to planned energisation outage date as per Land Interest Guidelines for Network Connection Works – Dec 2022 Section 6.
6. Earthing in accordance with EDI100.

The scope of works is to be undertaken in accordance with Connection Policy and Model Standing Offers and must comply with all relevant policies, regulations, and network standards. All service works are to comply with the requirements of the NSW Service and Installation Rules.

Determination of Funding

19 September 2024

Endeavour Energy Reference: UIL6856

Customer Reference:

Endeavour Energy Supplied Materials:

RTU with 2 Automated switches

RTU with 1 Automated switch

Endeavour Energy Funded and Constructed:

'Q' Project scope

Protection and scada: 2 x \$2,000.00

(Labour setup, testing)

Cost of RTU 1 Switch : 1 x \$ 6,116.35

Cost of RTU 2 Switches : 1 x \$ 6,753.00

Total Q funding = \$ 16,869.35

Endeavour Energy Funded and Customer (ASP L1) Constructed – Reimbursement Paid by Endeavour Energy:

Capital contribution:

- 3 x 1000 kVA, 11 kV padmount substation transformers and 3 Automated RMUs (As per TB0314 and IN 046/2021)

Reimbursements to be paid to Endeavour Energy by Customer:

Use of any existing ducts at the rates below.

Customer Funded Non-Contestable Works:

Network switching, substation commissioning, contract inspection

Customer Funded Contestable Works:

All other works required.