30 May 2013

PCU044941

Endeavour Energy

The Contact Officer
Department of Planning and Infrastructure
GPO Box 39
Sydney NSW 2001

Department of Planning
Received
3 JUN 2013
Scanning Room

Attention: Sarah Waterworth

**Re: Exhibition of Environmental Assessment for Concept Plan Approval – Mixed Use Subdivision, West Culburra (MP09_0088)**

Thank you for the opportunity to comment on your letter with reference number MP09_0088 dated 17 April 2013.

Endeavour Energy's existing Culburra Zone Substation (Coonemia Road, Wollumboola) and electrical network servicing the townships of Callala Bay, Callala Beach, Culburra Beach, Currarong, Greenwell Point and Orient Point is extremely limited in capacity. The proposed development is relatively large for this area and would be the catalyst that triggers major upstream works to bring the network up to a standard that could cater for an estimated additional demand of up to 6.4MVA.

Should the development proceed initial studies have identified:

- That a new Zone Substation located closer to the electrical load centre of Culburra Beach is required.
- A suitable Zone Substation site located in or adjacent to the existing Industrial Estate off Strathstone Street and Regmoore Close, Culburra Beach would be beneficial. To facilitate this, the developer could make available a suitable cleared parcel of land.
- A new supply line from the existing Culburra Zone Substation through to the proposed new Zone Substation is required.

The establishment of a supply line and a new Zone Substation to supply the West Culburra development area would be funded by Endeavour Energy.

The developer will be responsible for the installation and funding of the "Connection Assets" in accordance with IPART determination for capital Contributions. This will be the network supply lines from the proposed new Zone Substation to and through the development area.

In response to the 'Utilities Investigation Report' (Ref: 25405 November 2012 Rev: 00) and the Concept Plan (Drawing Ref. no. 25405-30, Sheet 1 of 1, Revision O4 by allen, price & associates) showing site constraints over various parts of the proposed subdivision at West Culburra, Endeavour Energy's comments on the proposed '0.9Ha Zone Electrical Substation' site are as follows:

51 Huntingwood Drive Huntingwood NSW 2148
PO Box 6366 Blacktown NSW 2148
T: 131 081 • F: 61 2 9853 6000
www.endeavourenergy.com.au
ABN 59 253 130 878

- The proposed 0.9Ha Zone Electrical Substation appears to be located via an access road off Culburra Rd opposite the 'Old Transfer Station' and set back approximately 200m north from Culburra Road.
- Endeavour Energy's preference would be for the proposed cleared zone substation site to be located adjacent to the frontage of Culburra Road by relocating the site a couple hundred metres south. The minimum Zone Substation site size is a rectangular 40m (wide) x 60m (deep) flat and cleared parcel of land.
- It is believed, that the visual amenity of the substation can be satisfactorily addressed by leaving a small strip of existing vegetation/trees between Culburra Road and the cleared Zone Substation site.
- The advantages to the developer and Endeavour Energy would be cost savings in shorter incoming and outgoing feeder circuits, the development of a shorter heavy duty access road and electrical earthing compatibility would be better if the zone substation is located as far as possible from the existing Sewerage Treatment Plant.

Endeavour Energy is committed to making provisions for customers to connect to its network in a fair an equitable manner. This is in line with reasonable user pays principles and determinations of the Independent Pricing and Regulatory Tribunal of NSW and the Electricity Supply Regulations and in a manner which will ensure an acceptable quality of supply for all existing and future customers.

Should you require further information please do not hesitate to contact myself on 02 9853 5003.

Yours faithfully

Jason Lu
Strategic Network Planning Manager