

22 February 2022

[REDACTED]
Executive Director
NSW DPIE

Dear [REDACTED]

Draft Camellia-Rosehill Place Strategy Exhibition

I refer to the recent exhibition of the Camellia-Rosehill Place Strategy and thank you for the opportunity to provide comment.

We support the goal of Camellia-Rosehill being a net zero precinct by 2050 and welcome further discussions with DPIE on this topic. Endeavour Energy has a net zero strategy in place for our own operations as well as enabling our customers to achieve a net zero future in a safe and reliable manner. There are many elements to potential solutions including renewable energy generation, energy storage, microgrid/embedded networks, electrification of transport and building efficiency standards.

Endeavour Energy confirms that there is capacity available in the short to medium term to supply the proposed development from the existing Rosehill Zone Substation. In the long term, there is sufficient capacity to supply approximately two-thirds of the proposed development.

To provide sufficient capacity in the long term, Endeavour Energy may either augment Rosehill Zone Substation or run new feeders from East Parramatta Zone Substation (to be established) to the proposed town centre in the North-West of the precinct. There may also be a requirement to establish a new zone substation, preferably adjacent to the proposed town centre to assist management of the substantial increase in load density. In this case, sufficient land in a suitable location would need to be reserved for a future zone substation site.

The above works will be dependent on the degree of load growth within the Camellia-Rosehill precinct. Endeavour Energy would appreciate any early information regarding proposals for the usage of land marked as "Investigation site" and forecasts on rates of development to determine the timing for investment. Early engagement from the Department is important to enable timely availability of electrical infrastructure for new development.

Developers will be responsible for arranging electrical reticulation and connection works via Accredited Service Providers in accordance with Endeavour Energy policy.

Significant coordination between Transport NSW and Endeavour Energy has occurred and will need to continue for the Parramatta Light Rail and Sydney Metro West projects with regard to capacity upgrades, protection and relocation of critical assets. We also formally coordinate with other infrastructure providers Sydney Water and Jemena for growth in Western Sydney.

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There are major 132kV and 33kV transmission underground cables on Unwin St and future 132kV transmission cables are planned to run North along Colquhoun St then East along Grand Avenue. Endeavour Energy should be consulted further if there are planned upgrades to these roads. In particular, Endeavour Energy should be contacted if there are any opportunities to lay new ducts along Unwin St as all four 132kV cables along Unwin St are oil-filled cables that will eventually require replacement based on end-of-life or capacity constraints.

If you require any additional information, please do not hesitate to contact [REDACTED] directly on [REDACTED] or [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Network Planning Manager

[REDACTED]



Submitted on Tue, 22/02/2022 - 15:12

Submitted by: Anonymous

Submitted values are:

Submission Type

I am submitting on behalf of my organisation

Name

First name

[Redacted]

Last name

[Redacted]

I would like my submission to remain confidential

No

Info

Email

[Redacted]

Suburb/Town & Postcode

Huntingwood 2148

Please provide your view on the project

I am just providing comments

Submission file

[Redacted]

Submission

[Redacted]

I agree to the above statement

Yes