

## Thomas Holmes

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**From:** Jason Lu <Jason.Lu@endeavourenergy.com.au>  
**Sent:** Friday, 8 February 2019 6:00 PM  
**To:** DPE Planning Mailbox  
**Cc:** Cornelis Duba  
**Subject:** Greater Macarthur Interim Plan

Dear Mr. Colman

I refer to your letter dated 22 November 2018 regarding the exhibition of the Greater Macarthur interim plan.

There are comments we would like to make with respect to the discussion on the electricity network on page 29 of the interim plan, which are referred to in italics below.

*“Power network In the south of the Growth Area, there is capacity within existing zone substations to supply 6,900 lots in Menangle Park, Gilead, Wilton and West Appin. “*

This statement does not provide an accurate picture of current capacity. Most of the existing zone substation capacity is at Wilton, there is capacity for about 1400 lots Mt Gilead and Menangle Park zone substation has begun construction. There is very limited capacity available for West Appin.

*“By 2021 new zone substations need to be established in Menangle Park and Mount Gilead with associated new 66kV feeder connections. “*

As stated above Menangle Park zone substation is now an approved project and is about to commence construction. To ensure electricity is affordable for all customers, we are staging investment to provide a mobile substation in the first instance that will be capable of supplying approximately 2000 homes. Beyond that we will install a permanent zone substation.

The Mt Gilead project will not be completed by 2021 and does not yet have funding approval as we have to acquire land from the developer, and development has occurred at a slower rate than expected. It is currently planned to be established prior to 2024. Endeavour has provided an interim solution to the developer which involves extending supply from Ambarvale zone substation.

*“Supply for the project development rate by 2026 requires: augmentation of existing Maldon zone substation 9 completion of Menangle Park and Gilead zone 9 sub-stations augmentation of up to 50 kilometres of 66kV 9 sub-transmission cabling a new zone substation when land is released 9 in West Appin.”*

This assessment of project development by 2026 is based on high forecast rates of development provided by AECOM in 2016 assuming that West Appin would also develop. We have no plans to augment Maldon ZS by 2026 based on our current forecasts of development and are not planning on 50km of sub transmission lines by 2026. We are currently assessing the business case for additional 66kV feeder capacity which would involve augmentation for approximately 10km.

Endeavour is committed to both supporting growth and ensuring that electricity prices remain affordable for our customers. Investment in the network is staged to meet demand growth in an economically efficient manner, and actual rates of growth are continuously monitored to adjust our plans.

Please feel free to contact me should you wish to discuss further.

Regards

**Jason Lu**

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