

13 March 2020

Western Sydney Planning Partnership
PO Box 257
Parramatta NSW 2124

Dear Planning Partnership

Western Sydney Aerotropolis Plan

Thank you for the opportunity to comment on the Western Sydney Aerotropolis Plan. Endeavour Energy is committed to working collaboratively with the planning partnership, government agencies and other utilities to develop plans to service Western Parkland City.

We welcome the release of the Western Sydney Aerotropolis Plan as it has provided more certainty around process and land use for priority precincts.

Progress has been made since the exhibition of the Stage 1 Draft LUIIP, which Endeavour responded to November 2018. This letter provides a summary of activity since the Draft LUIIP.

Collaboration

Endeavour Energy supports all activities to improve coordination and collaboration in planning for the Western Parkland City. We have been actively engaged in the following:

- City Deal Coordination Committee meetings regularly attended by our Deputy CEO.
- Endeavour Energy is an active member of the Utilities Collaboration Working Group for the Western Parkland city which also includes other key utilities (Sydney Water, Jemena, Caltex, Transgrid), DPIE and Transport for NSW. The group is working constructively together on a number of initiatives to achieve common goals for infrastructure delivery, for example the Elizabeth Drive trunk utility corridor.
- Supporting the Planning Partnership in developing common engineering standards for Western Sydney street design.
- Participating in the Greater Sydney Commission (GSC) Growth Infrastructure Compact process for the GIC 1 (Aerotropolis) and GIC 2 (Greater Penrith) areas providing reports and analysis on forecast growth scenarios. The main challenge will this process is that growth forecasts provided in job numbers do not easily translate into demand for energy.
- Actively participating in the Western Sydney Roads Coordination group led by the road division within Transport NSW.
- We have representation on the UDIA Infrastructure and Land Release Committees
- Attending and contributing to the Western Sydney Airport Stakeholder Forum.
- Supporting preliminary studies and planning for the Agribusiness precinct.

Initial Supply Arrangements

Endeavour has responded to and accommodated multiple requests for temporary construction supplies and asset relocations. Most of these are for Western Sydney Airport and Transport for NSW. The most significant requests are for metro rail tunnel boring supplies which require the equivalent electrical demand of several thousand homes. We have developed solutions for Transport NSW that can be implemented via their accredited service providers.

We have also determined options for initial stages of development for developers in the Western Sydney Aerotropolis area which are available for them to action via accredited service providers.

Future Electricity Infrastructure

Endeavour Energy has a plan in place for the first 10 years of development in the Western Sydney Aerotropolis for new trunk infrastructure. This plan will be implemented in stages according to forecast development. The Australian Energy Regulator (AER) expects that capacity provision will be “just in time” and staged to minimise the impact on electricity prices for our existing customer base.

Our plan includes new major 132kV “Aerotropolis Backbone” feeder running north south through the area. This will be one of the first pieces of infrastructure with Endeavour having already commenced concept designs and route feasibility studies in recent months.

The construction of this feeder will be key to providing electricity network connection opportunities for large loads in approximately 4 years’ time.

Other key activities include land acquisition for future electricity zone substations. A number of negotiations are in progress with large landowners/developers. Zone substations will be delivered according to forecast development and connection activity, and once options for capacity to be provided from the existing network have been exhausted.

Our plans have been communicated to GSC through the GIC process and the Utilities Collaboration Working Group.

Innovation and Sustainable Development

Endeavour Energy has been and will continue to be happy to work collaboratively with proponents to enable solutions that may involve new technology and innovation such as microgrid networks and circular economy systems. We continue to support the connection of renewable energy with record 28,000 new customer roof top solar systems connected in 2019.

We look forward to continuing to support DPIE in planning for the Western Sydney Aerotropolis.
Should you require any additional information, please do not hesitate to contact me on

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Yours sincerely



Jason Lu

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Asset Planning & Performance