

From: [DPE CSE Information Planning Mailbox](#)
To: [REDACTED] [DPE Orchard Hills Enquires Mailbox](#)
Subject: FW: Exhibition of draft GPEC Strategic Framework [Official]
Date: Monday, 19 December 2022 8:38:15 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)
[Exhibition of the draft GPEC Strategic Framework - Notification to TransGrid.pdf](#)
[20221215 Penrith LGA & Transgrid TL Infrastructure.pdf](#)
[20221215 Blacktown LGA & Transgrid TL Infrastructure.pdf](#)
[Easement Guidelines 2019.pdf](#)
[20221216 - South Creek Future 500kV Substation Site.pdf](#)
[20221216 - Orchard Hills Urban Release Precinct & Transgrid Future South Creek 500kV Substation Site.pdf](#)
[image008.png](#)

Hi Team,

Hope this email finds you well.

We have received this submission on Friday, 16 Dec for GPEC.

Appreciate if you could acknowledge Timothy's email from Transgrid.

Kind Regards,
Kevin

Planning Customer Support Team
Department of Planning and Environment

Phone: 1300 420 596 option 2
E information@planning.nsw.gov.au

12 Darcy Street,
Parramatta, NSW, 2150 | Locked Bag 5022

www.dpie.nsw.gov.au



The Department of Planning and Environment acknowledges that it stands on Country which always was and always will be Aboriginal land. We acknowledge the Traditional Custodians of the land and waters, and we show our respect for elders past, present and emerging. We are committed to providing places in which Aboriginal people are included socially, culturally and economically through thoughtful and collaborative approaches to our work.

From: Timothy Cowdroy [REDACTED]
Sent: Friday, 16 December 2022 6:13 PM
To: DPE CSE Information Planning Mailbox <information@planning.nsw.gov.au>

Cc: Kenson Ho [REDACTED]

Subject: FW: Exhibition of draft GPEC Strategic Framework [Official]

Dear Sir/Madam,

Re: Draft Greater Penrith to Eastern Creek (GPEC) Strategic Framework.

Thank you for providing the attached letter of notification to Transgrid in respect of the abovementioned matter.

Transgrid possesses significant high voltage transmission line (**HVTL**) infrastructure within the subject GPEC area. Transgrid's network includes 132kV – 500kV transmission lines, the latter of which operates between Kemps Creek and generators located in the Hunter Valley. Please find attached Transgrid plans of the Penrith and Blacktown local government areas (**LGA**), identifying therein a list of our transmission lines and substations. Transgrid's HVTL infrastructure in these LGAs are significantly important in accommodating the transformation from coal-fired power generation to renewable energy generation sources. Renewable energy generation sources in south west NSW are intended to connect into both our existing and future substations in the GPEC subject area and greater Western Sydney.

Transgrid regularly assesses transmission network changes and forecasts what augmentations to the network will be required. This in turn helps to establish what land interests need to be acquired in order to ensure the transmission network keeps up with energy demand. To this end, we request to be kept informed by the Department of Planning & Environment at each stage in the planning and development of GPEC.

In preparing the GPEC Strategic Framework, it is requested that there be a requirement introduced on all planning and development proposals to identify Transgrid's HVTL easements, substations and related land interests where an interface exists. Transgrid requests to be consulted early and regularly in the planning/development process to ensure no adverse or prohibitive development arises on land that is either near or directly subject to our State significant infrastructure, including but not limited to our transmission line easements.

Orchard Hills Priority Urban Release Area

Transgrid possesses a landholding at 117 – 199 Luddenham Road, Orchard Hills (being Lot 92 in DP1276404) that is intended for the future construction of the *South Creek 500kV Substation* (**South Creek**). The land is owned by the Electricity Transmission Ministerial Holding Corporation (**ETMHC**) and forms part of the Leased Network Assets (**LNA**) that are included in the 99 year Transmission Network Lease (**TNL**) to Transgrid. The land was strategically acquired on account of the fact that the property is intersected by the following three HVTL:

- Double Circuit **Eraring – Kemps Creek 500kV** transmission line (Feeder 5A1 & 5A2) [Blue lines in blue easement.]
- Single Circuit **Yass – Sydney West 300kV** transmission line (Feeder 39) [Yellow line in blue easement.]
- Double Circuit **Liddell – Sydney West 330kV** transmission line (Feeders 32 & 38) [Yellow lines in blue easement.]

Map Description automatically generated



The South Creek land is also impacted by two infrastructure projects being the Sydney Metro West Line and the Outer Sydney Orbital corridor, in addition to an area zoned for environmental conservation. Consequently, these active State significant developments will place constraints on Transgrid's ability to develop the required electrical infrastructure at the South Creek substation site. When originally acquired, the South Creek site was 90 hectares, however approximately a third of this land will have been taken up by the Sydney Metro and Outer Sydney Orbital projects. Transgrid therefore seeks to strategically protect the remainder of the land and the ability to develop large electrical infrastructure at our South Creek site. Additionally, Transgrid seeks support to protect our existing transmission line corridors into and out of the South Creek landholding, including those transmission lines that traverse the Orchard Hills urban release precinct as shown in the attached Transgrid plans.

As supplementary supporting information please find attached a copy of the Transgrid Easement Guidelines. The Transgrid Easement Guidelines should be referred to in the preparation of all planning and development proposals, with consultation to Transgrid in the event of any uncertainty.

Should you have any queries, please feel free to contact me on [REDACTED]

Kind regards
Tim

Tim Cowdroy

Land Economist | Land, Property & Approvals | Delivery

Transgrid | 200 Old Wallgrove Road, Eastern Creek NSW 2766

T: [REDACTED]

M: [REDACTED]

E: [REDACTED]

W: www.transgrid.com.au



From: [REDACTED]

Sent: Friday, 18 November 2022 5:14 PM

To: [REDACTED]

Cc: [REDACTED]

Subject: Exhibition of draft GPEC Strategic Framework

Good Afternoon,

We are pleased to advise that the [Draft Greater Penrith to Eastern Creek Strategic Framework](#) is now on exhibition until 16 December 2022.

See attached letter for further information.

Kind Regards,

On behalf of GPEC Planning Team

Planning and Land Use Strategy | Department of Planning and Environment

4 Parramatta Square, 12 Darcy Street, Parramatta, NSW 2150

www.dpie.nsw.gov.au



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Data Classification: *Official*

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