

27/02/2017

Dear Resident

### **TransGrid's Sydney West Transmission Line – OPGW Works**

TransGrid is the operator and manager of the main high voltage transmission network in NSW and the ACT, TransGrid connects generators, distributors and major end users to the electricity they need, when they need it.

As you may know, the Commonwealth-owned land at Badgerys Creek will be the site for a new Western Sydney Airport. Construction on the new airport is expected to start in late 2018. A 3.2 km section of TransGrid's Line 39 currently crosses through the airport site and needs to be relocated to allow the safe and efficient operation of the Western Sydney Airport. We are beginning early planning works for the relocation, which will be carried out within the airport site. It will not have any impact on your property.

Additionally, across Line 39 we plan to install aerial optical ground wire (OPGW) along the top of the length of the line. The cable performs the conventional task of providing the electrical ground wire of the network, whilst the optical fibres within the cable enable suitable communication requirements for control and monitoring of the transmission line. All this work relates to the existing transmission line.

In preparation for our early planning for these works along Line 39, TransGrid officers and contractors will need to assess and visit each structure along certain lengths of transmission lines in the coming months. These assessments will help us manage any potential environmental, heritage and ecological requirements, as well as give us a better idea of the works required to access the site as well as our site mobilisation requirements.

During this time you may see TransGrid staff or contractors undertaking assessments on your property along the existing transmission line easement. I thank you for your support in our work and apologise in advance for any temporary inconvenience this work may cause.

Should you have any questions or concerns about our work please phone our Community Information Line on 1800 222 537 or contact us via [community@transgrid.com.au](mailto:community@transgrid.com.au). For more general information about the Western Sydney Airport, please visit [www.westernsydneyairport.gov.au](http://www.westernsydneyairport.gov.au).

Yours sincerely



Sarah Hafez  
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