

Leanyer Zone Substation and transmission lines

Power and Water is constructing a new zone substation at Leanyer to meet future demand and ensure security of electricity supply for the northern suburbs.

The Leanyer Zone Substation will also reduce the load upon, and provide backup for the Casuarina Zone Substation, and will become an alternative supply route for major customers such as the Royal Darwin and Darwin Private Hospitals, the Casuarina commercial precinct and Charles Darwin University.

In the longer term new suburbs will be developed to the north along Lee Point Road and these will also be supplied from the Leanyer Zone Substation.

To support the new substation two 66kV transmission lines will also be constructed as part of this project.

Substation site

The site of the Leanyer Zone Substation (the old BMX track) is approximately 100 metres from existing housing on vacant Crown land zoned for Utility Usage. The area has already been cleared by a previous developer.

The site lies within the buffer zone around Leanyer Sewage Ponds and is considered to be of limited use for development. The land immediately to the north and east is also zoned for Utility Usage and is owned by Power and Water.

Transmission line route

The proposed new 66kV transmission lines will intercept the existing Berrimah-Casuarina 66kV transmission line on Vanderlin Drive, near the Leanyer Water Park and will then run in a north westerly direction to the new substation. This section of line will run primarily across vacant Crown land and at its closest point will be approximately 50 metres from a rear property boundary

The route and types of poles to be used are designed to minimise visual impact from dwellings in Leanyer, and existing trees will be used for screening.

A [map](#) showing the new substation site and transmission line route is available.

More information

For more information about this project visit powerwater.com.au/about_us/major_projects

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