

Existing powerlines on East Street. The proposed powerline extensions will be of the same design but will be located further away from residences



# Warwick Solar Farm

## Powerline works

While work on the UQ Warwick Solar Farm continues on site, we are now beginning the process of connecting it to the National Electricity Market via Ergon Energy's Warwick Substation, on the corner of East Street and Ogilvie Road. This connection will require the two existing powerlines to be extended to the entrance of the solar farm site at the end of McMahon Road.

This flyer contains an overview of the proposed works and answers some commonly asked questions.

### Drop-in information and feedback session

On site, corner of Jensen Road and McMahon Road

2pm to 5pm, Thursday 27 June

Representatives from Lendlease, Ergon Energy and UQ will be on hand to provide further information and answer any questions.

### Where will the proposed powerline extensions be?

The proposed powerline extensions have been planned to make use of existing road reserves. This means there will be no resumption of land required.

Maps showing the proposed routes for the extension of the powerlines are attached to this flyer.

### What will the powerlines look like?

The proposed powerline extensions will be the same design as existing lines running along East Street (pictured above), but will be located further away from residences.

They comprise concrete poles with six transmission wires grouped tightly together (three on each side) near the top of the poles. An additional single wire will also run between each pole at the very top.

### How high will the powerlines be?

The power poles are planned to range in height between 13.1 metres and 16.8 metres.

The majority of the poles are expected to be around 15 metres, similar to the existing powerlines along East Street (pictured).

### How far apart will the power poles be?

The powerline extensions have been designed to minimise the number of power poles required.

Proposed distances between poles varies from about 120 metres to more than 200 metres.

### Who will build, own, and maintain the powerlines?

Design and construction of the powerline extensions is being led by Lendlease, the company building the solar farm. Once construction of the powerline extensions is complete, the lines will be owned and maintained by Ergon Energy. This means that the design of the powerlines must meet Ergon Energy's rigorous standards.

### Will the powerlines produce EMF?

All powerlines produce a small Electric and Magnetic Field (EMF). The design of the proposed powerline extensions must comply with all relevant standards and guidelines to minimise EMFs. To ensure compliance, the design will be independently reviewed and approved by Ergon Energy.

Preliminary studies have shown the maximum EMF levels would be about the same level as common household appliances

such as personal computers. EMF modelling based on the detailed design of the proposed powerline extensions is currently being undertaken. This will be published on the project website by the end of June.

The enclosed information booklet from Energy Networks Australia includes additional information about EMFs.

### What is the timeframe for the works?

Subject to designs being finalised and relevant approvals and permits being obtained, work is expected to commence in late July and continue for about two months.

### How can I provide feedback or learn more information?

You can provide feedback at any time via the project hotline **1800 717 383** or by emailing [warwicksolarfarm@lendlease.com](mailto:warwicksolarfarm@lendlease.com).

A summary of any feedback or questions received from the community and accompanying responses will be published on the project website by the end of July.



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