

# Drone use near Powerlink's transmission infrastructure



Safety is essential every day for our landholders, community and our people.

## About this brochure

This brochure outlines the steps required to safely fly drones around our transmission lines. We are committed to working closely with landholders to ensure these steps are clearly understood and implemented correctly.

## Safe working habits

To ensure the safe operation of drones around our infrastructure, we encourage you to:

- **Plan your flight** so you are aware of potential risks such as the location, size and configuration of Powerlink's infrastructure and weather conditions which may influence your ability to see and maintain control of the drone
- **Do not fly** over substations
- Maintain a **minimum separation distance of six metres** when flying under, next to or over transmission lines and towers
- Ensure your drone has **correct 'return to home' settings** to avoid collision with transmission lines
- **Notify us** should an incident occur.

Our team is able to assist you to clearly understand and implement the steps outlined above.

## General information

### Electric and Magnetic Fields

Electric and magnetic fields (EMF) are found everywhere electricity or electrical equipment is used, including in the home, office, work sites and around transmission lines. At the recommended minimum separation distance of **six metres**, EMF should not affect the control of the drone or real time / recorded images from the drone. However, should the drone exhibit erratic behaviour, pilots should move away, land the drone and check for any errors or warnings on the drone's controller.

### Civil Aviation Safety Authority requirements

The Civil Aviation Safety Authority (CASA) has requirements for all drone operators. We encourage drone users to contact CASA to ensure they are meeting the standard operating conditions. For more information, visit [www.casa.gov.au](http://www.casa.gov.au).

## Contact Us

Further information about Powerlink and our projects can be downloaded from [www.powerlink.com.au](http://www.powerlink.com.au)

General Enquiries FREECALL 1800 635 369 (during business hours) and ask for Easement Maintenance

In case of emergency FREECALL 1800 353 031 (24 hours, 7 days a week)

Email [Easementmaintenance@powerlink.com.au](mailto:Easementmaintenance@powerlink.com.au)

[www.powerlink.com.au](http://www.powerlink.com.au) |    



**SAFE FOR LIFE**  
Everyone. Everywhere. Everyday.