

Do you have powerlines on your side of the street?

Build safe from the start. Check your proposed building or structure will be the minimum safe distance from the overhead powerlines.

This is a summary of the requirements detailed in the *Queensland Electrical Safety Regulation 2013, Section 209, and Schedule 4 and 5.*

There is also a requirement to keep structures a safe distance from underground electricity assets.

To make this shed meet safe clearances, either the vertical **OR** the horizontal clearance needs to be rectified.



IMPORTANT:
If you have to enter an exclusion zone, contact us to request written Safety Advice.
You can't enter the zone until you have that advice.

Want more information?

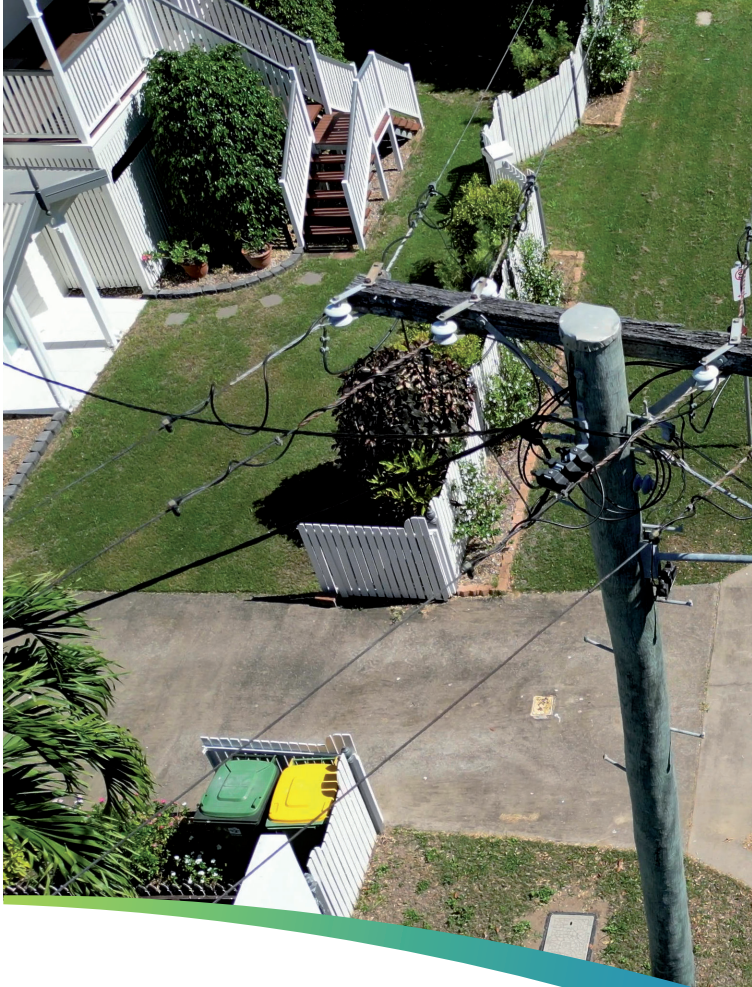
Visit our website for more safety fact sheets, awareness sessions, forms or guidelines.
You can also locate the overhead powerlines near your building site using the Look up and Live map via lookupandlive.com



Part of Energy Queensland

	Ergon Energy	Energex
General Enquiries	13 74 66	13 12 53
Faults only	13 22 96	13 62 62
Life threatening emergencies only triple zero (000) or	13 16 70	13 19 62

ergon.com.au/network energex.com.au



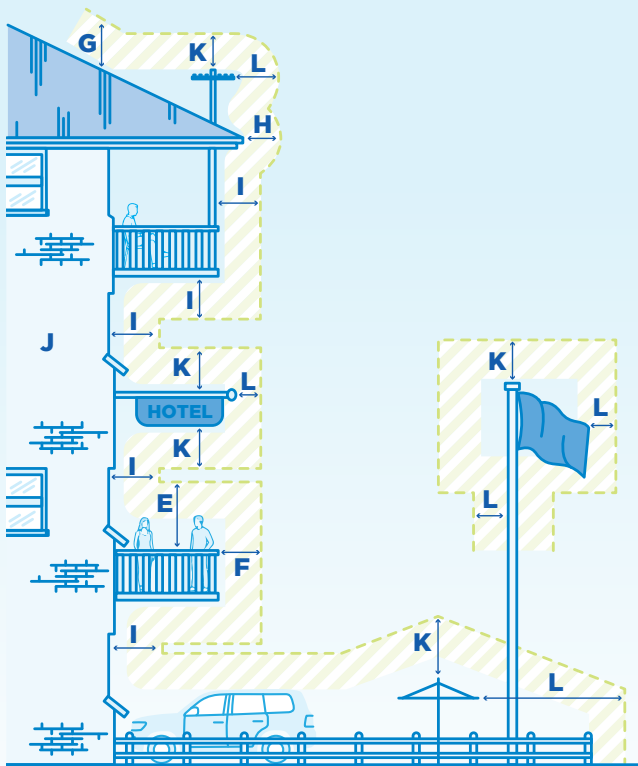
Planning to build near powerlines

Minimum clearances are required



Part of Energy Queensland

2-26-0637



The letters in this image correspond to those in the table below.

Ensure you're in the clear

If you are building anything near powerlines, you, as the property owner, your planner or architect, your builder and your building certifier should all be aware of the safety laws and the minimum clearances required.

The clearances in the table are vital to maintaining a safe distance from the powerlines, to staying out of the exclusion zone and minimising the risk of electric shock.

To ensure the right clearance, as well as identifying the voltage of any powerlines nearby, it is also important to know that powerlines can swing and sag. Insulated powerlines most often look like bundled black 'liquorice like' cables. Bare powerlines typically have multiple 'silver' aluminium conductors.

Planning approval

Your local council building approval does not guarantee the distance from the planned building or structure to powerlines has been checked.

Always make sure you confirm the minimum clearance requirements are met, particularly when applying to relax the boundary set back, or for an infill development. Never build under powerlines.

From buildings to road signs

Some situations where minimum safety clearances should be considered include:

- A new build close to the electricity network, especially one that is on or near the property boundary
- Renovations, particularly where a small, single-story building is to become a much larger or a multi-story building
- Building carports, sheds, a greenhouse, or a cubbyhouse.

- Positioning road signs or streetlights, or commercial signage and shop awnings, or billboards
- Installing a tall antenna, typically in areas where broadcast reception is poor
- Erecting a flag pole, shade sails or high fencing
- Erecting temporary fences or scaffolding, or placing shipping containers, close to poles or powerlines.

Buildings or structures that don't comply with the minimum clearances are a serious safety hazard. If your built structure is likely to come within the clearances, before the works starts, you have an obligation to notify us under the Regulations (penalties can apply). We'll then provide advice.

We regularly inspect the electricity network, including aerial fly overs, to monitor for potential clearance breaches and other safety issues. If a breach is identified after something is built, we contact the **property owner** to resolve the issue, or to pay for a change to the nearby electricity network to make it safe. This is often a significant cost.

Minimum clearances from structure and buildings

Image code	Location	Direction	Low voltage		High voltage	
			Insulated powerline	Bare powerline	≤ 33kV	≤ 132kV
E F	Unroofed terraces, balconies, sun decks, paved areas etc. subject to pedestrian traffic only. A handrail or wall surrounding such an area and on which a person may stand.	Vertically	2.7m	3.7m	4.6m	5.5m
		Horizontally	1.2m	1.5m	2.1m	4.6m
G H	Roofs or similar structures not used for traffic or resort but on which a person may stand.	Vertically	2.7m	3.7m	3.7m	4.6m
		Horizontally	0.9m	1.5m	2.1m	4.6m
I	Covered places of traffic or resort such as windows which are capable of being opened, roofed open verandahs and covered balconies.	In any direction	1.2m	1.5m	2.1m	4.6m
J	Blank walls, windows which cannot be opened.	Horizontally	0.6m	1.5m	1.5m	3-4.6m
K L	Other structures not normally accessible to persons.	Vertically	0.6m	2.7m	3.0m	3-4.6m
		Horizontally	0.3m	1.5m	1.5m	3-4.6m

The letters in this table correspond to the codes in the graphic. The vertical clearance OR the horizontal clearance must be maintained. The Regulations also include other clearance requirements for the overhead service lines that connect to the premise.