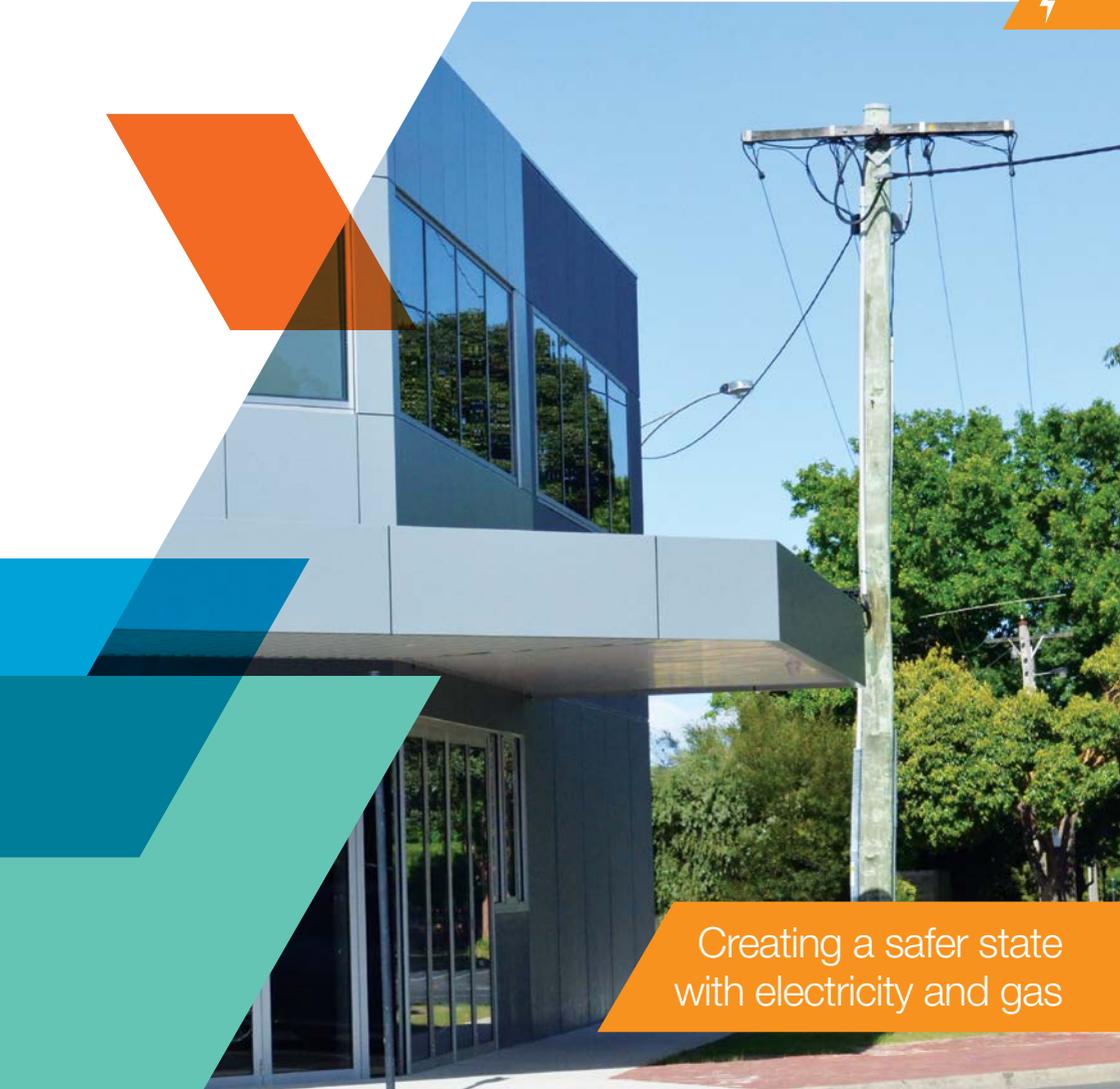


# Building design near overhead powerlines

A photograph of a modern, multi-story building with large glass windows and a grey facade. A tall utility pole with overhead powerlines is visible to the right of the building. The scene is set against a clear blue sky with green trees in the background. Large, overlapping geometric shapes in orange, blue, and teal are overlaid on the left side of the image.

Creating a safer state  
with electricity and gas

# It's up to you to check **before you build.**

## **Ensure your building complies with Regulations.**

You must maintain required clearances between buildings and overhead powerlines at all times—buildings that don't comply are a serious safety hazard and are in breach of the law.

Failure to consider overhead powerlines during the planning and construction stages can have expensive consequences and cause delays. It's your responsibility to ensure your building complies with Regulations well before construction commences.

This information has been developed to assist property owners, surveyors, planners, architects, builders and councils to consider clearance to overhead powerlines when designing and planning buildings, signs and other structures.

Regulation 313 of Victoria's Electricity Safety (Installations) Regulations 2009 sets out specific clearance requirements between structures and overhead powerlines, depending on the voltage of the powerlines.

The Regulation states that the required clearance must be maintained at all times, and thus sag and sway (as per Figure 1 on next page) also needs to be considered in addition to the distances outlined by voltage in the Regulations.

Sag and sway is determined on a case by case basis considering extreme weather conditions and powerline construction standards. Consult your local electricity distribution business for further advice on sag and sway.

## **Safety during the construction phase**

Regulations apply to the completed building and also during the construction phase.

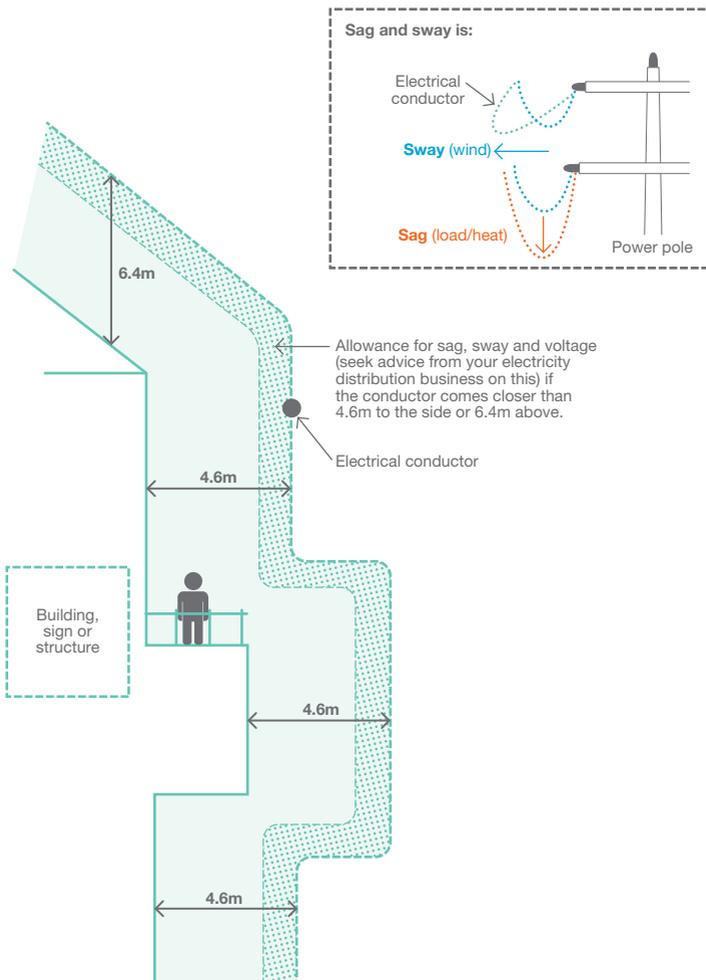
If the worksite is near overhead powerlines, No Go Zone safety requirements to achieve worker safety during construction must be followed.

To find out more visit [www.worksafe.vic.gov.au](http://www.worksafe.vic.gov.au) and search for No Go Zones or Building and Structure Design.



Ensure you confirm compliance with your electricity distributor **before** building plans are finalised.

**Figure 1:** Sag and sway distances



You can check the Regulations  
at **[www.legislation.vic.gov.au](http://www.legislation.vic.gov.au)**.  
Your electricity distributor may also  
be able to advise in certain cases.

## Questions?

Call and ask the relevant  
distribution business for advice.

AusNet Services  
**1300 360 795**

Powercor  
**13 22 06**

CitiPower  
**1300 301 101**

Jemena  
**1300 131 871**

United Energy  
**1300 131 689**

Public Transport Victoria (PTV)  
**1800 800 007**

For further information go to  
**[www.esv.vic.gov.au](http://www.esv.vic.gov.au)** or phone  
ESV on **(03) 9203 9700**.



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