

Building design near overhead powerlines



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 electricity safety laws.

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 610 of Victoria's *Electricity Safety (General) Regulations 2019* 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 of conductors (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 and finished clearances.

Safety during the construction phase

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

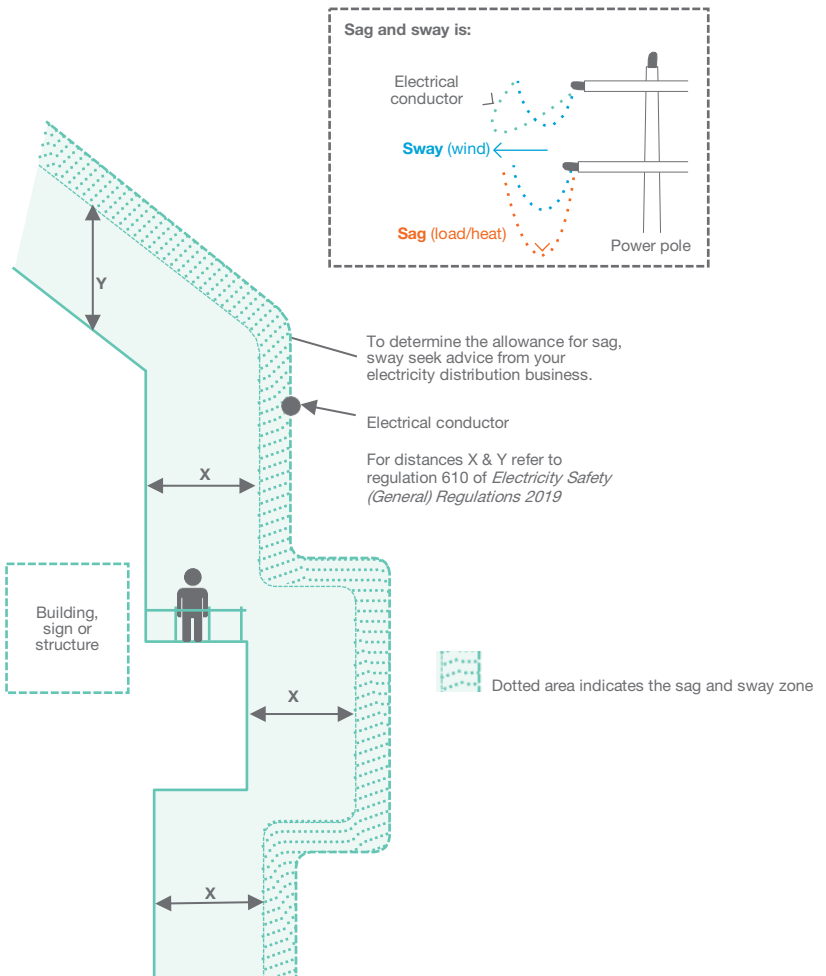
If the worksite is near overhead powerlines, No Go Zone safety requirements to achieve worker safety during construction must be followed.

To find your local electricity distributor visit www.energy.vic.gov.au/for-households/find-your-energy-distributor

To find out more visit www.esv.vic.gov.au and search for No Go Zone or 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**.
Your electricity distributor may also
be able to advise in certain cases.

Questions?

Call and ask the relevant electricity
distributor 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 or phone
ESV on **(03) 9203 9700**.

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