



Events close to lines

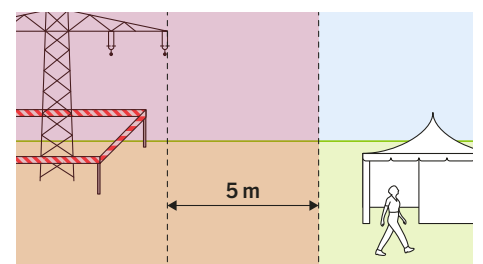
The following information provides municipalities and event organisers with the necessary guidelines for the safe planning and organisation of events in the vicinity of an extra-high-voltage line.

The extra-high-voltage grid forms the backbone of a secure electricity supply. Swissgrid works around the clock to ensure that it runs stably, safely and securely at all times. The grid comprises around 12,000 pylons and 6,700 kilometres of lines. Part of this crosses cultivated land or passes close to populated areas. There are various safety rules that must be observed in the vicinity of lines. These rules are based on the Lines Ordinance (LineO SR 734.31, Article 38), which states that «no buildings, festival huts, tents or similar facilities where large crowds of people gather, that pose a high fire risk or that contain explosive substances may be located in the vicinity of a line.» In addition, high contact or step voltages can occur in the event of disturbances on a line near the pylon.

The following points must be observed when organising events in the vicinity of lines:

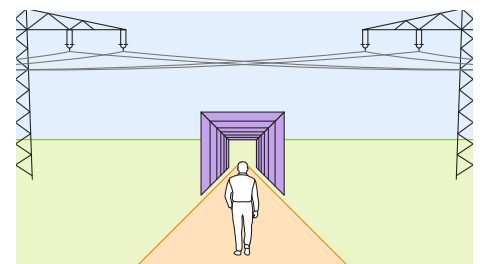
Keep the area close to the line clear

In accordance with the Lines Ordinance, no buildings, festival huts, tents or similar facilities where large crowds of people gather, that pose a high fire risk or that contain explosive substances may be located in the vicinity of a line (horizontal distance of five metres to the outermost conductor). To prevent this, the area up to five metres to the left and right of the outermost conductor must be cordoned off. Any persons who nevertheless enter this restricted area must be removed immediately by the organiser, or access to the relevant areas must be blocked. The costs for protective measures are to be borne by the organiser.



Create suitable passages for people

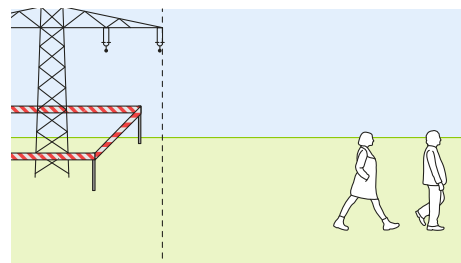
Persons and animals may only pass through suitable passageways under the line, which should be as far away as possible from the pylon site. The organiser must ensure that passageways are in place and remain accessible throughout the duration of the event.



Don't treat the pylon site as a recreation area

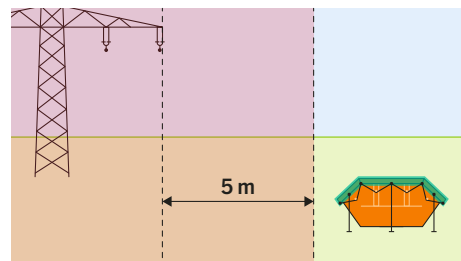
It is not permitted to remain near pylons or in passageways under lines. In the event of a disturbance on a line, high voltages can occur near pylons due to the increase in earth potential. Consequently:

- An extensive area must be cordoned off around pylons
- No electrically conductive connections such as building power supplies, telephone lines, etc. may be created close to pylons or lines
- No anchorage points, fastenings or objects should be attached to pylons
- Climbing pylons is prohibited



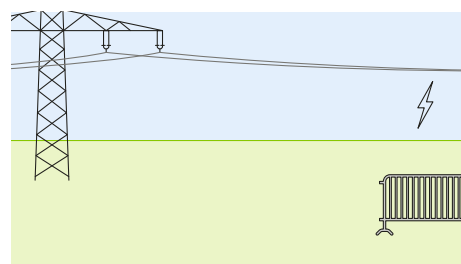
Make sure that objects are secured

Lightweight materials such as tents, umbrellas, plastic, fleece, balloons, flags, etc. must be secured so that they cannot be blown upwards or fly away and get too close to or onto the line.



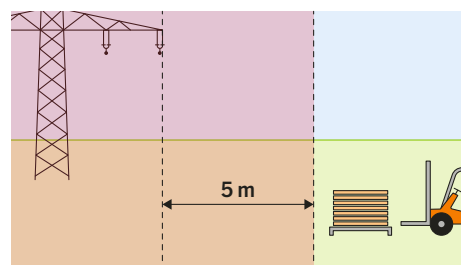
Be careful with metal

Metallic objects can become electrically charged by induction close to lines. All metal parts (e.g. scaffolding, fences and tents) must be earthed.



Do not handle goods

No handling of goods may take place close to lines. No material should be stored under pylons and lines. Electricity pylons must be accessible around the clock – for example, to quickly rectify disturbances. If flammable materials such as wood catch fire, pylons may be damaged, or lines could fall, causing a risk of electric shock!



Stay attentive

If you notice any damage to the line components (e.g. pylons, foundations, etc.), please report it immediately by calling 0800 00 45 45. Are you planning an event near an extra-high-voltage line? Then get in touch with us as soon as possible: info@swissgrid.ch

You can find further information on behaviour near lines here:

