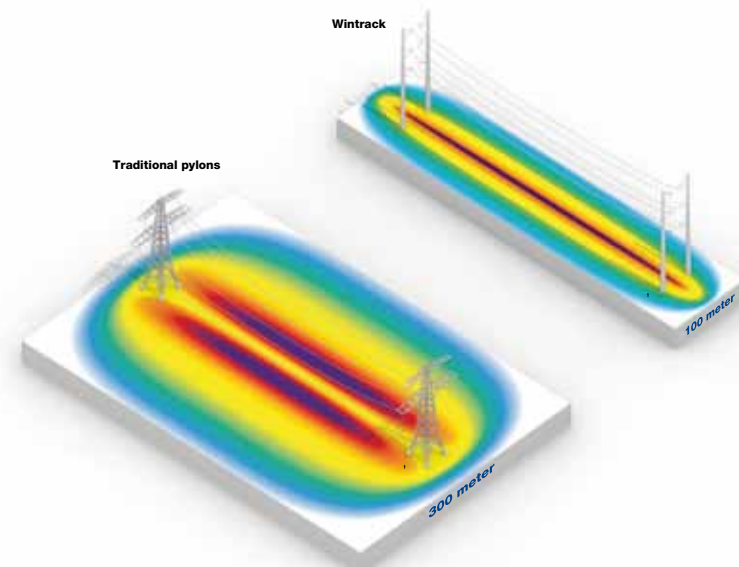


The Wintrack pylon: an innovative solution for new electricity connections

wintrack

The Wintrack pylon

TenneT has developed a new type of high-voltage pylon known as Wintrack. This innovative design replaces the existing lattice tower and significantly reduces the so-called 'magnetic field zone'. Thanks to the Wintrack concept, optimum use can be made of the space available around high-voltage lines.



Reduced magnetic field zone

By suspending the wires close together in bundles, the magnetic field zone can be reduced in size by more than 60 percent. This makes it possible to construct new electricity connections in a responsible and innovative manner, with minimum impact on the landscape and local residents.

About TenneT

In its capacity of national electricity transmission operator, TenneT monitors the reliability and continuity of the electricity supply in the Netherlands. TenneT keeps a close watch on developments in society and technology, and wherever possible, we try to anticipate them by developing and implementing improvements in electricity transmission.

www.tennet.eu/wintrack

Minimalist design

Each Wintrack pylon consists of a pair of poles from which the high-voltage wires are suspended. To the eye the slender, tapering poles appear as separate visual elements. Their basic, minimalist design creates 'visual calm'. As a result, the pylons can be integrated effectively into a range of landscapes. They are also easy to maintain thanks to their simple structure and smooth surfaces.

Wintrack in brief

- > Innovative new pylon
- > Minimalist design
- > Unobtrusive presence in the landscape
- > Smaller magnetic field zone
- > Flexible in use
- > Low maintenance

Optimum balance between innovation and security of supply

The Wintrack design also offers the option of combining multiple electricity connections on one and the same pylon, ensuring an optimum balance between security of supply and integration into the landscape.

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