

Kongres Container

Swedish substation communication base station



Overview

How many substations does Sweden have?

The Swedish national grid for electricity consists of approximately 17,500 km of power lines, about 175 substations and switching stations and connections to other countries. The Swedish national grid for electricity consists of approximately 17,500 km of power lines, about 175 substations and switching stations and connections to other countries.

Why did Linxon & Svenska Kraftnät Commission the Hall substation?

The commissioning of the Hall substation is a testament to Linxon's and Svenska kraftnät's dedication to ensuring a robust and resilient power infrastructure for Sweden.

Why is a substation called a distribution station?

The word substation comes from the days before the distribution system became a grid. As central generation stations became larger, smaller generating plants were converted to distribution stations, receiving their energy supply from a larger plant instead of using their own generators.

What is a mobile substation?

A mobile substation is a substation on wheels, containing a transformer, breakers and buswork mounted on a self-contained semi-trailer, meant to be pulled by a truck. They are designed to be compact for travel on public roads, and are used for temporary backup in times of natural disaster or war.

Is a converter substation a switching station?

If no transformers are required for increasing the voltage to transmission level, the substation is a switching station. Converter substations may be associated with HVDC converter plants, traction current, or interconnected non-synchronous networks.

What is the input and output of a distribution substation?

The input for a distribution substation is typically at least two transmission or sub-transmission lines. Input voltage may be, for example, 115 kV, or whatever is common in the area. The output is a number of feeders.

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