



Vattenfall Network Solutions designs, builds, owns and operates high voltage electrical network infrastructure.

We take full responsibility for our client's electrical needs by owning their networks and managing all compliance, regulatory and environmental issues.

If your business owns high voltage infrastructure, for example substations between the main electricity grid and your production facilities, Vattenfall can support your business by:

- Investing in your electrical infrastructure, freeing up CAPEX for your business
- Managing your electrical networks so you can focus on your core business
- Upgrading your networks and avoiding costly downtime from electrical outages
- Handling all compliance, regulatory and environmental issues and reducing risk
- Providing predictable fixed cost, monthly fees by delivering 'Power as a Service'

Guaranteed power for fixed fees

Power as a Service is a functional solution for which the customer pays a fixed monthly fee for a period of approximately 10 years. After 10 years the customer has the option to either buy back the electrical infrastructure or write a new contract to continue with the service.

Power as a Service means that Vattenfall takes on all CAPEX investments in the electrical infrastructure, so the customer can invest in other aspects of their core business or upgrade to a highly functional electrical infrastructure even if they lack the required CAPEX.

Vattenfall is a leading energy company, owned by the Swedish state, with more than 20,000 employees. We have been developing and operating electrical networks for more than 100 years and have a high customer satisfaction with a 98% contract renewal rate.

Case Study:

Managing high voltage electrical infrastructure in the paper industry



Vattenfall provide Power as a Service to a global integrated packaging and paper group in Sweden. They convert raw materials into innovative packaging and paper solutions for a wide range of customers.

Being a large consumer of power, this paper business relies on a dependable electricity supply. In order to enable them to focus on their core business of producing paper, they partnered with Vattenfall to manage their high voltage electrical infrastructure.

In 2016, Vattenfall bought all the high voltage electrical assets at their production facility in Sweden, providing the business with a useful capital injection.

As the new owners of these assets, Vattenfall invested heavily to improve both safety and reliability of the high voltage network by upgrading old protection relays, installing new high speed optical arc detection relays, retrofitting new vacuum circuit breakers to replace obsolete oil & SF6 breakers, as well as upgrading the existing hard wired control / monitoring system to a modern communications based SCADA.

Vattenfall now own and manage two 130/6kV power transformers, plus a spare transformer, eight 6kV distribution switchboards (with over 100 feeder circuits), a 28MW steam turbine generator, and all the HV protection, monitoring & control plant.

As the owners and operators of the electrical infrastructure Vattenfall take care of all preventative planned maintenance, technical / environmental compliance and make the necessary investments to deliver the most secure electricity supply possible.

If any problems occur with the power plant, Vattenfall is on hand and has the knowledge and resources to remedy issues promptly, providing increased power security - and reliable support for the paper manufacturers operations. The original contract has recently been extended to continue the partnership with Vattenfall.



More details

To find out how Vattenfall can support your business please contact:

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