



Connection fee and network service price list in the high voltage network

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caruna

Network service price list

Delivery on 110 kV voltage

Electricity distribution price list

With the distribution fees according to this network service price list Caruna takes care of distributing the electrical energy and provides the network services related to the distribution: maintenance, consumption metering and 24-hour fault call service. In addition to these, the fees also cover the grid payments.

Electricity distribution is made in compliance with the network service agreement made with the customer, the related network terms and conditions (SJVPE 2017), and the current price list.

Choosing a distribution product

In the Caruna Oy and Caruna Espoo Oy network area, you can choose the electricity distribution product that best meets your needs. You have two options. You can change your product free of charge once during the calendar year.

Each product includes a fixed fee, consumption fee and load fee. We will charge a reactive power fee for the part exceeding the reactive power limits. We will charge the consumption and load fees once a month according to the consumed electricity. The fixed fee is charged for each calendar month.

With regard to reserve connections, we will charge a fixed monthly fee for the months when the the reserve connection has been used. The customer also pays for the direct costs arising from the reserve connection (such as any power charges charged by other network companies). With regard to a connection maintenance, the customer pays for the direct costs (such as any power charges charged by other network companies).

Duty on electricity

In addition to the prices given on the current price list, we will charge electricity tax based on current electricity consumption (energy duty and security of supply fee) on the energy bill. All customers, by default, belong to tax category 1, unless one has announced differently. If you are entitled to another tax category, please send a written notification to Caruna. To read more go to caruna.fi/veroluokan-muutos.

Tax category 1: €22.4/MWh, VAT 0 %

Tax category 2: €6.9/MWh, VAT 0 %

Security of supply fee: €0.13/MWh, VAT 0 %

Power reserve fee

In addition to the prices charged in accordance with the price list, we will charge a maintenance fee for ensuring the availability of the power reserve. The fee is charged according to electricity consumption during winter daytime 7am to 9pm (Mon–Fri). The amount of maintenance fees and of the potential activation costs of power reserves is determined according to the unit price calculated by the main grid company for each invoicing period.



Net effect for power plants

The customer pays a net effect fee for all power plants connected either directly or indirectly to the customer's own network, and which exceed the net effect of 1 MW as described in the Commissions decree (EU) 543/2013.

The net effect stands for the highest possible production, i.e. the net production, that a power plant can produce for a minimum of one hour in normal use. The net effect for the power plant is determined by subtracting the own consumption from the gross production. All machines that are defined in the decree 309/2003 by the Ministry of Economic affairs and Employment in Finland run on own consumption.

Power plants with short operating time

Power plants with a short operating time, will for the following year be subjected to an energy based fee instead of an effect fee, and the fee will be determined annually in December. For the production at such a power plant with a short operating time the customer pays a separate energy-based fee. For the production at power plants with short operating time the customer pays a separate energy-based fee based on the net production.

Price list

Prices do not include value added tax or duty on electricity.

HVN product 1	Caruna Oy and Caruna Espoo Oy	(VAT 0 %)	Unit
Fixed fee		1 346	€/month
Consumption fee	Winter time (1 Dec-28 Feb Mon-Fri, 7am-9pm)	12,29	€/MWh
	other time	5,12	€/MWh
Load fee	intake from the network	1,81	€/MWh
	output to the network	0,72	€/MWh
Reactive energy fee	intake from the network, output to the network	5	€/Mvarh
Reactive power fee**		1000	€/MVar
Generation capacity fee for power plants		1 900	€/MW,a
per the customer's choice		3,2	€/MWh

HVN product 2 *	Caruna Oy ja Caruna Espoo Oy	(VAT 0 %)	Unit
Fixed fee		19 500	€/month
Consumption fee	Winter time (1 Dec-28 Feb Mon-Fri, 7am-9pm)	9,91	€/MWh
	other time	3,29	€/MWh
Load fee	intake from the network	1,81	€/MWh
	output to the network	0,72	€/MWh
Reactive energy fee	intake from the network, output to the network	5	€/Mvarh
Reactive power fee**		1000	€/MVar
Generation capacity fee for power plants		1900	€/MW,a
per the customer's choice		3,2	€/MWh

*) Using HVN product 2 requires using only one connection point. Connection point can consist of several 110 kV switch gears if they are installed in the same primary substation.

***) A reactive power fee is charged for the highest reactive power exceeding the reactive power limits each month. In addition, the invoicing does not take into account the fifty (50) largest, by absolute value, excesses of the reactive power window within one month.

Connection contract and fees



CONNECTION CONTRACT

Connection to the high-voltage distribution network and the connection method are agreed upon with a Connection Contract that determines the connection effect, connection point, connection fee and terms of connections.

A requirement for a Connection Contract is that the required plan (or solution for any required planning) exists, and that this and a building permit are valid. In addition, any expropriation permit for the connection cable must have been submitted to the authorities.



CONNECTION FEE

As an connection fee to the 110 kV regional network we will charge the construction and connection costs, together with a possible area-specific capacity reservation fee.

The connecting party is responsible for the construction of the electrical network on the part subsequent from the connection point.

Connection fees are non-refundable in case of termination of the contract.



CAPACITY RESERVATION FEE

The capacity reservation fee applies both to new and current, but renovated, connections either directly and indirectly connected to the 110 kV network in Koillismaa (which is fed by the Pirttikoski primary substation). The capacity reservation fee is €25/kVA.



CONNECTION FEE ON UPGRADING THE CONNECTION

We will charge the construction and connection costs for upgrading the connection.