



# Network service and connection fee rates for production in the distribution network

1 JANUARY 2022



**caruna**

For network service contracts of power generation facilities, we comply with the valid terms of network service (VPE 2019) recommended by Finnish Energy. The contract terms are available on our website at [caruna.fi/terms](http://caruna.fi/terms).

## Network service rates for production

Caruna Oy and Caruna Espoo Oy

<b>DISTRIBUTION FEE FOR ELECTRICITY GENERATED €/MWH</b>		
	VAT 0 %	VAT 24 %
Max. production power 100 kW .....	0.00	0.00
Production fee over 100 kW.....	0.50	0.62

<b>CONSUMPTION FEE FOR SELF-GENERATED ELECTRICITY €/MWH</b>		
	VAT 0 %	VAT 24 %
Consumption fee winter season (1 December - 28 February Mon-Fri 7 am - 9 pm) .....	8.96	11.11
Other times.....	2.55	3.16

If the nominal output of the facility's generator exceeds 1 MVA, we collect a consumption fee for self-generated and consumed electricity (for consumption other than the internal consumption of production). The internal consumption of production includes auxiliaries in power plants as provided for in the Decree of the Ministry of Economic Affairs and Employment of Finland (309/2003).

The customer takes care of the compensation of reactive power at the connection point whenever necessary.

### METERING OF PRODUCTION AND CONSUMPTION

Caruna is responsible for metering the electricity feed in and out of the network. Consumption of self-generated electricity refers to the amount of electricity which the customer has generated and then used. The electricity producer is responsible for the necessary metering of production, consumption of self-generated electricity and internal consumption.

If the network operator needs information on the consumption of self-generated electricity for its own invoicing, the network operator will also be responsible for metering the consumption of self-generated electricity (usually production facilities exceeding 1 MVA).

## ELECTRICITY TAX

Producers are responsible for determining their liability to pay electricity tax and paying the electricity tax for the consumption of self-generated electricity.

If the production facility capacity is:

### **Max. 100 kVA:**

No liability to pay electricity tax irrespective of whether the producer consumes the electricity or sells it to the network.

### **Over 100 kVA and maximum annual production of 800,000 kWh:**

No liability to pay electricity tax. However, the producer must submit the electricity tax payer's registration application to the Tax Administration, and submit an excise return form annually for the electricity generated, for the purpose of monitoring the annual production ceiling.

### **Over 100 kVA and annual production over 800,000 kWh:**

The liability to pay electricity tax and return the standard excise form to the Tax Administration monthly, irrespective of whether electricity is fed to the network.

## Connection fees for production

Maximum production 2 MVA .....	The connection fee is determined in accordance with the network expansion costs caused by the connection. Possible reinforcement costs for the existing network will not be charged.
Production over 2 MVA.....	The connection fee is determined based on the network expansion costs caused by the connection and the capacity reservation fee. The capacity reservation fee is €55/kVA (VAT 0%) in Caruna Oy's service area and €16/kVA (VAT 0%) in Caruna Espoo Oy's service area.
Production over 2 MVA and connection point at the primary substation	The connection fee is determined based on the network expansion costs caused by the connection and the capacity reservation fee of €8.8/kVA (VAT 0 %).

Connection contracts of power generation facilities comply with the valid terms and conditions for network connection (LE 2019) recommended by Finnish Energy.

The equipment must comply with technical and electrical safety regulations so that the production facility does not cause danger or undue disturbance to other electricity users. When operational, if the equipment does not comply with the regulations or causes danger to life, the owner of the production facility will be responsible for the damages caused by the equipment. The production equipment must be equipped with the appropriate safety devices to prevent any damage to the equipment in case of network interruption, and problems with safety or the standard of electricity.

If the production equipment causes network interruptions, the right to the parallel use of the equipment may be suspended until the facility operates within the permissible interruption limits.



[CARUNA.FI/CUSTOMERSERVICE](https://www.caruna.fi/customer-service)

