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# Network service fees

Caruna Oy  
1.7.2018

**caruna**

Positive energy.



# Network service fees

Network service fees are paid in exchange for Caruna taking care of the distribution of electrical energy from the producer to the customer, and for providing a network services required for the distribution: network maintenance, metering of electricity consumption and an on-duty fault service 24/7.

Electricity distribution is subject to a network contract, which is drawn up individually for each customer, as well as the related network service terms and conditions, and the current rates. All prices include value-added tax (24%), unless otherwise indicated.

## Electricity distribution products

Please choose the electricity distribution product that best meets your needs. If you wish so, you may change the product after you have used it for a minimum of one year.

During the summer season (1 April to 31 October), your main fuse can be increased within the size range of your network connection (one change back and forth per season, max 63 A) for General, Night and Seasonal distribution products. During the summer season, the main fuse size must be at least equal to the one used during the winter season. If the fuse holder exceeds 63 A, the Power distribution product is used (in the low-voltage or medium-voltage network). The electrician's visit required for the fuse change is charged at the rate given in the service rate list.

For more information about our services and products, visit [www.caruna.fi/en](http://www.caruna.fi/en).

## About electricity tax

Your electricity bill includes not only the fees calculated in accordance with our rates, but also the electricity tax valid at the time and based on your electricity consumption (energy tax and security of supply fee). All customers are automatically placed in electricity tax category 1, unless they have informed us otherwise. Provided that the metering point has been set up for industry or the growing of commercial greenhouse crops in compliance with the Act on excise duty on electricity, customers are entitled to tax category 2. If you are entitled to this lower tax category, you must inform us in writing.

Tax category 1: 2.79372 cents/kWh, incl. VAT at 24%

Tax category 2: 0.87172 cents/kWh, incl. VAT at 24%



## Electricity distribution for homes and small buildings

Electricity distribution for homes and small buildings is the most common purpose of electricity distribution. It is appropriate for households and small businesses with normal electricity use. For this purpose, the main fuse size of the metering point may not exceed 63 A. You can choose one of three distribution products:

**General distribution** is often used in residential multi-storey buildings and terraced homes, and it is usually the most cost-efficient choice for detached houses and holiday homes without electric heating.

**Night distribution** is the best option if the property has an electric heating system that stores heat. Night-time distribution is cheaper.

**Seasonal distribution** is the best option for direct electric heating. You may especially want to consider Seasonal distribution if you can use alternative forms of heating in winter.

General distribution	
Distribution, cents/kWh	4,34
Basic fee, €/month according to the fuse size: .....	€/kk
Multi-storey residential and terraced houses, max. 25 A* .....	12,28
16 A or single-phase .....	18,38
25 A .....	24,55
35 A .....	43,00
50 A .....	74,30
63 A .....	117,00

## Night distribution

Day distribution, cents/kWh (Mon to Sun 7am–10pm)	4,24
Night distribution, cents/kWh (Mon to Sun 10pm–7am)	2,61

Basic fee, €/month according to the fuse size:.....	€/kk
Multi-storey residential and terraced houses, max. 25 A*.....	18,15
16 A or single-phase.....	24,80
25 A.....	31,55
35 A.....	58,70
50 A.....	97,50
63 A.....	153,00

## Seasonal distribution

Day distribution, winter, cents/kWh (1 Nov–31 March, Mon–Sat 7am–10pm)	5,49
Distribution at other times, cents/kWh	2,71

Basic fee, €/month according to the fuse size:.....	€/kk
Multi-storey residential and terraced houses, max. 25 A*.....	18,15
16 A or single-phase.....	24,80
25 A.....	31,55
35 A.....	58,70
50 A.....	97,50
63 A.....	153,00

\*) The connection has a minimum of three metering points for consumption.

## Temporary electricity distribution

Temporary electricity distribution is a good option for short-term use. You do not have to sign a connection contract. The electricity distribution product is normally General distribution except for larger sites, the electricity distribution product is either Power distribution 1 LV or Power distribution 1 MV.

For Temporary distribution, the basic fee and the power fee will be doubled. A fee in accordance with our service charges is collected for connecting to the network.

To find out more about Temporary distribution, contact our Customer Service.

## Industrial electricity distribution

**The low-voltage network** electricity distribution is suitable for sites where electricity is mainly used in the low-voltage network. A typical site would be a manufacturing company, shop, farm or industrial plant where the fuse size exceeds 63 A.

There are two products for large-scale industry: Power distribution 1 LV, whose price is the same regardless of the time of day and year, and Power distribution 2 LV, which has a cheaper rate in the summer, night-time in winter and on Sundays.

The metering period for the power fee is one hour, and the fee is calculated according to the monthly peak power. The power fee is charged according to the minimum power level of 40 kW. The reactive power fee is based on the monthly reactive peak power, deducted with 20% of the amount of active power during the same month.

### Power distribution 1 LV (0.4 kV delivery)

	VAT 0%	VAT 24%
Basic fee €/month .....	49,80	61,75
Power fee, €/kW, month .....	3,06	3,79
Reactive power fee, €/kVar, month .....	6,60	8,18
Distribution, cents/kWh .....	3,02	3,74

### Power distribution 2 LV (0.4 kV delivery)

	VAT 0%	VAT 24%
Basic fee €/month .....	49,80	61,75
Power fee, €/kW, month .....	5,13	6,36
Reactive power fee, €/kVar, month .....	6,60	8,18
Day distribution, winter, cents/kWh* .....	2,72	3,37
Distribution at other times, cents/kWh .....	1,76	2,18

\*) Day distribution, winter: Mon-Sat 7am-10pm, 1 Nov-31 March.

**The medium-voltage network** distribution products are the right option for industrial customers who need a high volume of electricity in the medium-voltage network. A typical site would be a large manufacturing plant.

For industrial electricity distribution, the electricity is supplied at 20 kV medium voltage. The metering period for the power fee is one hour, and the fee is calculated according to the monthly peak power. The power fee is charged according to the minimum medium-voltage power level of 200 kW. The reactive power fee is based on the monthly reactive peak power, less 20% of the amount of active power during the same month. The site must have its own secondary substation, and the electricity distribution user is responsible for its use and installation.

There are two product options: Power distribution 1 MV, suited to sites where the need for power exceeds 600 kW, and Power distribution 2 MV for sites where the need for power exceeds 1,000 kW and annual consumption is more than 5,000 MWh.

## Power distribution 1 MV (20 kV delivery)

	VAT 0%	VAT 24%
Basic fee €/month .....	179,00	221,96
Power fee, €/kW, month.....	3,01	3,73
Reactive power fee, €/kVar, month.....	6,60	8,18
Day distribution, winter, cents/kWh*.....	2,70	3,35
Distribution at other times, cents/kWh.....	1,75	2,17

## Power distribution 2 MV (20 kV delivery)

	VAT 0%	VAT 24%
Basic fee €/month .....	4210,00	5220,40
Power fee, €/kW, month.....	3,01	3,73
Reactive power fee, €/kVar, month.....	6,60	8,18
Day distribution, winter, cents/kWh*.....	1,19	1,48
Distribution at other times, cents/kWh.....	0,86	1,07

\*) Day distribution, winter: Mon-Sat 7am-10pm, 1 Nov-31 March.

## Electricity connection maintenance

If you no longer need electricity for your metering point, but you don't want to permanently cancel your electricity connection, you can have the connection temporarily deactivated by asking us for a maintenance status. When the connection status is changed to maintenance, our electrician will remove the electricity meter but the connection contract remains in force. Caruna may also change the status to maintenance if the connection has not been connected to the electricity network within six (6) months of the time when it was made available.

Fees in accordance with our service rates are collected for changing the connection status to maintenance and for re-deployment.

## Network service maintenance fees

	€/month
Electricity connection size max. 63 A .....	15,00
Electricity connection size over 63 A (0.4 kV).....	130,00
Electricity connection size 20 kV.....	450,00