



A local energy company – part of the EU's environmental objectives.

In the province of Jämtland, Jämtkraft AB produces a lot of renewable energy – through hydroelectric, wind power and biomass fuels. We produce more renewable energy than our own need and we therefore export a valuable and important energy to the rest of Sweden. We are a part of the contribution of renewable energy for the whole Europe. EU's goal is to increase the amount of renewable energy. Sweden will, to the year of 2020, reach 49% renewable energy. It will demand investments in hydroelectric, wind power and combined heat and power plants.

Arctura is located at the ski stadium of Östersund and is an important building in our aim to produce renewable energy. Together with the combined heat and power plant in Lugnvik, Arctura is a part of our energy- and district heating production. Hissmofors is one of our many hydroelectric plants.

ARCTURA

Arctura is an accumulator tank holding hot water placed side by side with the ski stadium of Östersund. Arctura is an important part of Östersunds district heating. It contains 26 millions litres of hot water – it is equivalent to energy of 30 big trucks loaded with biomass fuels. This storage of heat optimizes the production in the combined heat and power plant, which contribute the decrease of needed biomass fuels and increases the production of electricity in the plant. Arctura is 65 meters high and has a diameter of 26 meters.

CHP PLANT

Jämtkraft's combined heat and power plant, CHP in Lugnvik is the largest plant for production of energy in Östersund. A normal year it produces 200 GWh electricity and 470 GWh district heating. To produce that amount of energy

it will need 1.2 millions m³ biomass fuels. That is 10 000 big trucks of biomass fuels. To make the power plant fully efficient it is combined with Arctura. Using Arctura saves energy, while it simultaneously decreases pollution and increases electricity production.

HISSMOFORS

More than 100 years ago electricity were delivered to Östersund from Hissmofors hydroelectric plant. One of these plants in Hissmofors were built in 1894, one of the first bigger plants in Sweden. Hissmofors is the largest of Jämtkrafts 17 hydroelectric plants and have a production of 310 GWh.

Welcome to visit our plants

We invite you to learn more about how these plants can contribute to the European environment. During an educational visit, we will show you how these plants produce energy in a renewable way.

You are welcome to visit one of these plants on following occasion: On Friday, February 15th, we gather at the Press center at 10 o'clock AM to visit Arctura, at 1 o'clock PM to visit the CHP plant and at 3 o'clock PM to visit Hissmofors. The estimated time of each visit is two hours.

If these occasions will not fit and you are interested in our plants please do not hesitate to contact our CPA Tommy Ericsson at Jämtkraft and he will help you find another occasion for you.

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