



**City of
Gothenburg**

Energy Efficiency Measures Within Production and Distribution of Heat and Electricity

It is an energy consuming process to produce and distribute energy, as heat, electricity and biogas. Therefore the municipal company Göteborg Energi is working continuously for reducing its own energy consumption in every process. The energy consumption is continuously being measured and followed and measures with energy saving potentials are put into action plans.

Energy efficiency measures within the production of heat and electricity has been for example higher effectiveness. The electricity consumption has been reduced by exchanging older devices and by continuously trimming the process.

The energy losses within electricity distribution in Gothenburg have during the last years continuously been reduced. The target is energy losses below 3 percent per year, or 10-15 GWh by year 2025. Examples of measures that have already reduced the energy losses is replacing older devices in the electricity grids and building more effective transformers. Only renewable eco-labeled energy is used to compensate the energy losses in the distribution net.

The Climate Programme of Gothenburg contains strategies and targets set to 2030 (see other action). One of the targets is to ensure that the total use of primary energy for electricity and heat does not exceed 31 MWh per inhabitant. Energy efficiency measures within production and distribution of heat and electricity plays an important role to reach the target.

More information:

Göteborg Energi web page ABCD (general information in English):

<http://www.goteborgenergi.se/English>

The Climate Programme (in English):

<http://goteborg.se/wps/wcm/connect/7ba2b573-9216-4bb9-8a1f-0915b40ce4b5/Climate+program+f%C3%B6r+Gothenburg.pdf?MOD=AJPERES>