

-30°C  +80°C

Electricity from solar panels

Heat pump cools down the outgoing air from ventilation and supplies heat for space heating and hot tap water

Heat pump cools down the return water of district heating and supplies heat for space heating and hot tap water

District heating network enables transferring heat from one place to another

Heat is recovered from sewage water to preheat hot tap water

Heat from solar collectors, with heat pump also in winter

Heat from grocery store refrigeration to district heating network

Energy is supplied from the heat and electricity networks, when the own production is not enough. System is flexible, which makes it possible to have large shares of wind and solar power.

In summer excess heat to boreholes, in winter heat extraction from those

