



District Heating

An Important Part of the Heat Supply on Samsøe

After correcting the original plan for heating, work has been undertaken to establishing district heating in 10 villages in all. In addition to this, the concept of neighbour heating is being integrated, allowing farmers to supply neighbours with heat from various sources, for example from a large straw boiler as seen in the villages of Tanderup and Langemark.

District Heating in Tranebjerg, Nordby and Mårup

In 1992-93 a district heating system based on straw was established in Tranebjerg, the main village on Samsøe. The heat distribution is undertaken by the regional energy supply company NRGi which also runs the electricity supply on the island.

In 2001-2002 NRGi established a district heating system based on wood chips and solar heating in the villages Nordby and Mårup. Details and informations are described in a special Fact-sheet.

Onsbjerg Heating Plant

By the end of 2002 a straw-based district heating plant had opening in the village Onsbjerg. The heating system is constructed and owned by a local farming- and entrepreneur firm. Representatives from the consumers and the municipality are selected members of the board. More details are described on a special fact-sheet.

Additional Heat Planning

Planning for the remaining 6 villages runs as follows:

Besser

In the village of Besser, a small factory owned by the company STARPIPE has been producing district heating pipes for years. The enterprise is for the moment investigating options for supplying heat to the village on a district heating basis.

Ballen, Brundby and Ørby

In spring 1999 a group of consumers put forward a proposal to the regional energy supply company NRGi to outline possibilities for district heating in the three villages.

Between 50 and 70 pct. of the consumers in the three villages have expressed their interest for connection on an optional basis.

NRGi are not able to find attractive economical solutions for the villages Ballen and Brundby. Samsøe Energy Company investigate new possibilities in co-operation with a local group of citizens.

In Ørby it could be a possibility to buy heat from the Brattingsborg estate. The estate has a new straw based boiler with an effect on 800 kW, thereby having the capacity to supply the village with heat.

Koldby and Koldby Kås

Plans on a long term solution for the two villages are looked at.

Part of the heat could be supplied from surplus heat from the ferry Kyholm sailing between Kalundborg and Samsøe.

A report focusing the utilisation of surplus heat from ferries has been worked out.



Tranebjerg Heating Plant