



energyPRO

Use Case: Advanced Heat Pump Modelling

District heating is going through a transition from fuel based heat production towards production based on electricity.

An important element in this transition is the use of heat pumps.

In this training session you will learn to set up the standard heat pump by using data sheets from heat pump manufacturers.

Following that you will learn how to set up a user defined heat pump including the use of the two-dimensional conversion table in time series function.

In addition, we will look into the use of different heat sources for heat pump, heat pump for boosting heat from an ambient loop heat network and how to have booster units to increase supply temperature out of heat pump.

Focus areas:

- Heat pumps
- Advanced use of time series functions
- Heat sources
- Temperature boosting

Please note that the participation in this session requires either participation in the introductory session or experience in working with energyPRO!