

Companies connection to energy efficiency

Stryhns has been committed to sustainable foods management since the beginning, acting not only out of self-interest but also conforming to the crucial market requirements of ecology and economy. The demand of consumers for eco-friendly foods in this industry has increasingly come to occupy centre stage in the last few years.

Steam system

The nominal capacity of the steam system, which consists of one boilers, is about 1.6 t/h. The nominal steam pressure is 12,3 bar. In addition, pressure levels of 7,5 bar are used. The boilers use natural gas as fuel. The main consumers are the washing machines, the belt oven and fat boiling. Most of the condensate do not returns from the consumers.

Steam system problems identified

The steam systems are in good conditions, but after Stryhns Roskilde have converted some of the steam systems to district heat the boiler now is too big.

Proposed energy saving measure(s), investments, and expected results (in figures)

Since the steam boiler is too large in relation to the current consumption, it has a lot of start and stop. This means that it is not operated particularly effectively and there is a relatively large heat loss from the boiler.

Implemented proposed energy saving measure, investments and results achieved.

The investment costs for a new steam generator are estimated to 80,000 € and the payback period is just one year.

Achieved and/or expected Non Energy Benefits (NEBs) as result of implemented and/or proposed measures and investments involved

If they implement the project, Stryhns will increase the overall efficiency of the steam systems and it will leads to a lover CO₂ emissions. It will also reduce the cost of maintenance the boiler and less chemicals and salt to the water treatment system.

Involvement of internal stakeholders

The management of the company is highly interested in implementing measures to achieve cost-effective energy savings.



Stryhns A/S Roskilde

www.stryhns.dk

**4000 Roskilde
Denmark**

Foods

LiverPaté

65 employees

Total (estimated) Investment

€ 80,000

Total (Estimated) Savings

€ 79,303 p/y

882,7 MWh/y

Non Energy Benefits

Lower CO₂ emission

Lower maintenance cost

**Lower chemicals and salt
consumptions**