



Industrial Heat & Power - Flexibilisation

E- and Hybrid Boilers Steam Accumulators, Fuel Flexibilisation

Stork Thermeq

STORK THERMEQ ACTIVE IN YOUR ENTIRE ENERGY PROCESS

Stork Thermeq

- Service provider in water-steam cycle
- Energy Consultancy/Process Improvements
- OEM of:
 - Burners
 - Boilers
 - Deaerators
 - Steam Accumulators
 - ...

We are able to model your process, engineer modifications and take process responsibility!



STORK THERMEQ ACTIVE IN YOUR ENTIRE ENERGY PROCESS

Why the need for flexibilisation?

- Steam supply does not always follow demand
- Waste streams from your process - reduce flaring/disposal
- Unpredictable renewables on grid → grid stabilisation



STORK THERMEQ ACTIVE IN YOUR ENTIRE ENERGY PROCESS

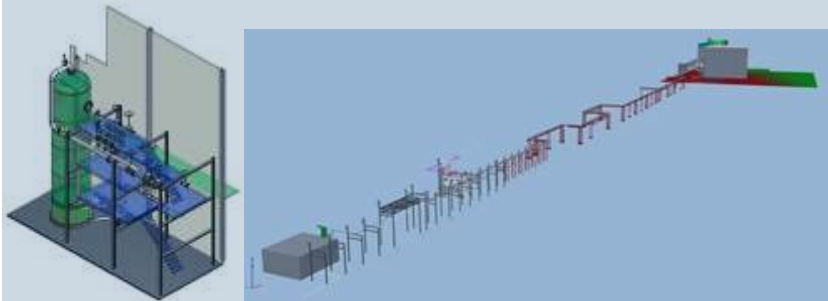
Flexibilisation is an opportunity!

- Flexibilisation reduces operational costs
- Reduction of fossil intake → Reduce Carbon Footprint
- Being able to absorb grid fluctuations is an additional source of income



STORK THERMEQ METHODS OF FLEXIBILISATION

Power → Combined Heat & Power



Power 2 Heat →
E- and Hybrid boiler



When Production and demand do
not match →
Steam Accumulator



Fossil Fuel reduction by
co-combusting of waste
streams → Up to 13
streams on 1 combustion
system in operation



STORK THERMEQ METHODS OF FLEXIBILISATION

Reduction of Natural Gas CO-Firing requirement



Turn-Down Ratio Increase



Capacity Increase



CHP Increase of Fresh Air Firing operation window



STORK THERMEQ ACTIVE IN YOUR ENERGY PROCESS

At the heart of our solutions are:

- Your core process
- Your targets
- Your strategy & business model

