

WWTP's Hengelo and Enschede Replacement CHP's



Scope of services

- Turn-key realisation
- CHP including exhaust gas treatment
- Biogas pre-treatment
- 24/7 Service and Maintenance

Scope of delivery

- Senergie 500 CHP unit with Liebherr 9512 gas motor
- Desulphurization and siloxane removal 250Nm³/hour
- Gas dryer and – pre-heating
- Gas booster
- Autonomous process control system and local MMI
- Gas quality measurement CH₄, CO₂, H₂S and O₂

Features

- Implementation of the first Senergie 500 modules in The Netherlands

Technical data

- CHP system for 500kWe and 550kWth
- Biogas pre-treatment 250Nm³/hour
- DeNOx system < 340 mg NOx/Nm³

Customer
Waterboard Vechtstromen,
The Netherlands

Completion
August 2013

Contract value
EUR 1.3 million
