Combined heat and power Full project installation

A DETERGENT FACTORY

EQUANS

CUSTOMER SEGMENT
Petrochemical & Chemicals

BRAND
Equans

TYPE OF WORK
Electrical

PROJECT LOCATION
France

COUNTRY IN CHARGE OF EXECUTION
France

FORM OF CONTRACT
Design, engineering & consulting, Build

ROLE IN PROJECT
Single Point of Contact

PERIOD
2023-01 - 2024-01

Public use with client authorization

- Energy efficient production
- Less dependency on the grid

Equans solutions

EQUANS ENERGY & EFFICIENCY SOLUTIONS

- Use of hot water instead of steam
- CHP installation – 550kWe gas motor
- + heating of the factory hall
- Residual heat shared via existing heat network
- Dimensioned hot water network

Customer benefits

- 4 113 MWh electricity & 4 958 MWh thermic production/year
- Motor efficiency:
- 96% in winter
- 91% / year

4113 MWh
electricity

4958 MWh
thermic production per year

96 %
motor efficiency in winter