



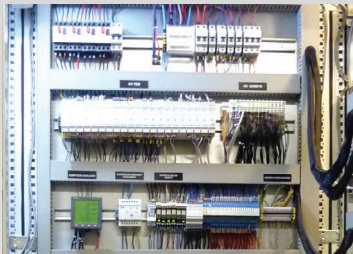
CHP PLANTS - FRANCE



THE CASE

CHP plants require high flexibility and a high level of performance from the controllers.

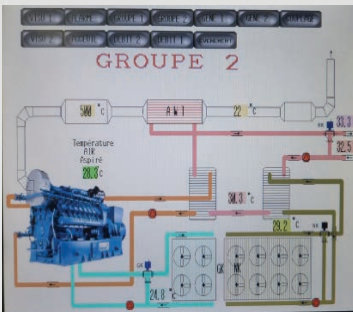
Constraints in terms of temperature control and electrical power required to operate differently from conventional power plants with more features and more adapted solutions.



NOTRE SOLUTION

The plant is composed of two 1500kVA gas generators running on parallel with mains.

Both generators are driven by GENSYS 2.0 using «external start sequence» option and remote inputs/outputs extensions to be adapted to the existing engine controllers.



PRODUCTS INSTALLED

- Two GENSYS 2.0 with mains paralleling option,
- Digital & analog CANopen input/output extensions,
- CPA mains power transducer,
- Remote tactical screen,
- PM-A (Power Metering)
- Modbus interface,



GENSYS2.0 units manage:

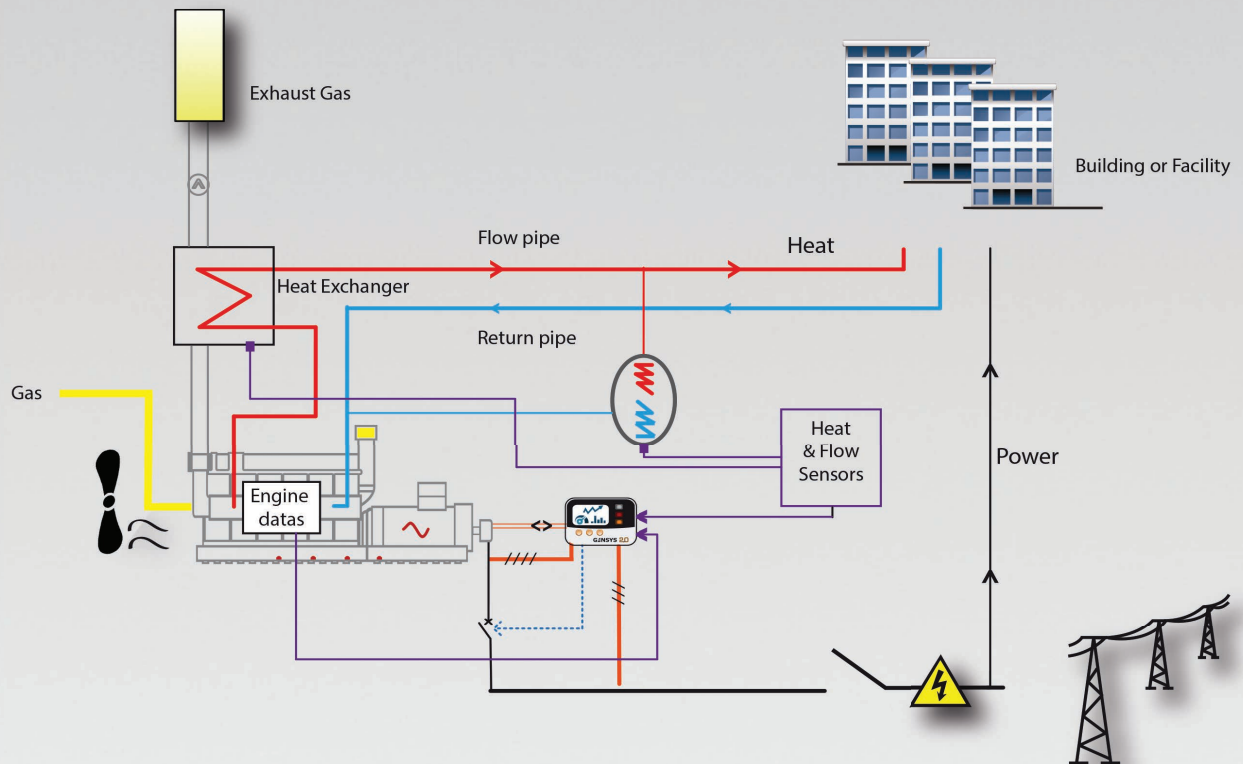
- Synchronization via contact outputs.
- Requested active power and actual power set point sent to the engine controller module.
- The temperature set points and associated auxiliaries.
- Information from the grid power.
- Power factor.
- Electrical protections and paralleling protection

CRE Technology has been able to meet the technical specifications required in terms of gas engine control thanks to its highly integrated solutions and their ability to include specific sequences.



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DETAILS OF APPLICATION



CRE TECHNOLOGY has provided the engine and genset industry for over 25 years with standard products and dedicated solutions for engine control, genset protection and paralleling.

All application fields where power is the core resource of performance are covered by CRE TECHNOLOGY. The company is a reference in the industrial, marine and defence businesses.

Our very strong situation allows us to invest, feeding our ambition to be always more advanced, always closer to you. The coming years will see the broadening of our distribution network and of our innovative products portfolio.

BECOME A CRE TECHNOLOGY DISTRIBUTOR



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