



The Marine **GENSYS 2.0** PMS proposed by CRE TECHNOLOGY will help you answer all queries regarding synchronization of generators and power transfer with the shore. CRE TECHNOLOGY is present in the world of synchronization for more than 30 years and has many references in fields such as yachting, shipping or navy. The case presented here is a two auxiliary generators paralleling with the shore power. The power plant is equipped with two 125 kVA Kohler generators controlled by **GENSYS 2.0 MARINE** and synchronize automatically or

manually with the following main features:

- Automatic start / stop depending on load
- Priority Selection.
- Black out recovery.
- Reverse power protection
- Standard electrical protection.
- Management of non- essential consumers (Load shedding).
- Load sharing redundancy function.

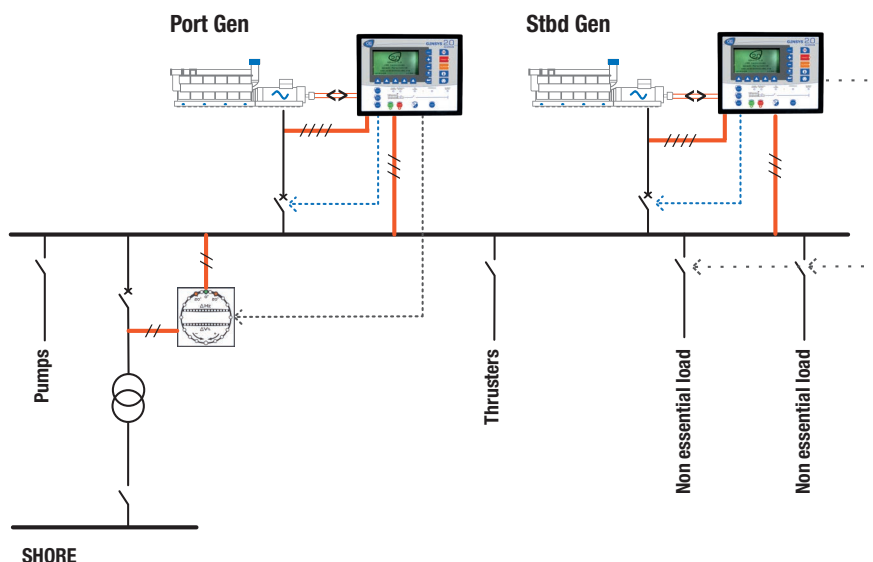
CRE TECHNOLOGY is can provide services like engineering application, operator/installation

### Our solution

To provide the synchronization solution including load transfer to the shore CRE TECHNOLOGY has develop a simple and cost effective solution with the following functions:

- External analog synchronizer use during generators to shore transfer and inhibit during navigation.
- Automatic synchronization and load transfer using only a selector switch.
- Shore power monitoring to start the generators automatically in case of failure.

## APPLICATION



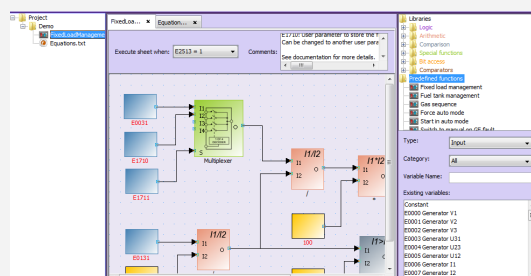
## PROGRAMMING

### EASY PLC

Program and customize your internal logical sequences

CRE TECHNOLOGY's Easy PLC is a logic editor which provides graphical interface to create PLC instructions for GENSYS2.0.

Easy PLC simplifies the process of proprietary writing instructions thanks to a user-friendly graphic environment. That includes many sheets in which the user create instructions through «operators».





EXPERT IN GENERATOR SOLUTION

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MARINE MAINS PARALLELING MONACO\_EN\_A2018

