



SOLEM, S.L.

POWER MANAGEMENT SYSTEM – PMS

Control and automatic delivering of power, balancing both the demand and ability of the generators.

The PMS manages the ability of an electric power generator group to deliver the energy in accordance with the installation consumption analysis in real time.

SYSTEM FUNCTIONS

- Main diesel groups Start/Stop
- Generators Connection/Disconnection
- Tie breaker bus bar opening/close
- Frequency control/Load distribution (increasing/decreasing generators speed)
- Monitoring
- Automatic and manual remote control
- Consumption and load control

ADVANTAGES OF THE SYSTEM

- More stability
- Tighter sizing
- Overload protection
- More efficient operation
- More security and promptness

PMS EXTENSION UNITS

- Contingency and alarms management system: measures, detects and reports alarms and contingencies to the operator in of abnormal operation conditions
- Ballast electro valve: Operator manages the opening/closing from console
- Tanks level: Measures and informs through the interface of the fluid levels
- Shift change: It manages the shift assignments among the ship's responsible
- «Autostabilize» System: allows with just one button to open those ballast valves that make the ship to recover its stability in case of impact

