



SHINING MARINE

ENERGY SAVING SYSTEM

**Carbon Emission Reduction
Green Ocean Protection**

/////////////////NEW PROJECT/////////////////

The SWP&FWP&E/R FAN be the most basic load equipment of one vessel. How to save the electrical energy by these equipments shall be the key point of the ESS system.

We will provide yours ESS plan.

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SHIP ESS

As proved by the vessels installed with ESS system, around 70% of electric energy saving for owner.

PLC is playing the important role of energy saving which continue monitoring the system and automatic control the frequency drive output to satisfy the vessels cooling demands.

Futher more, after EGCS installation on most of the vessels two sets of Aux engine are running during vessels sailing with EGCS mode, ESS will enable vessel to use only one Aux engine while vessel sailing with EGCS mode.



ADVANTAGES

As the leading figure of ESS apply in retrofit vessels, our advantage as following:

- Flexibility and mobility during installation
- Functional completeness with class item
- Reliability of the system
- Easy operation for crew
- Minimum the retrofit work as our special design
- By-pass switch in case of emergency operation
- Less investment and high rate of return on investment
- Maintenance free
- Remote access and data logging system free

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