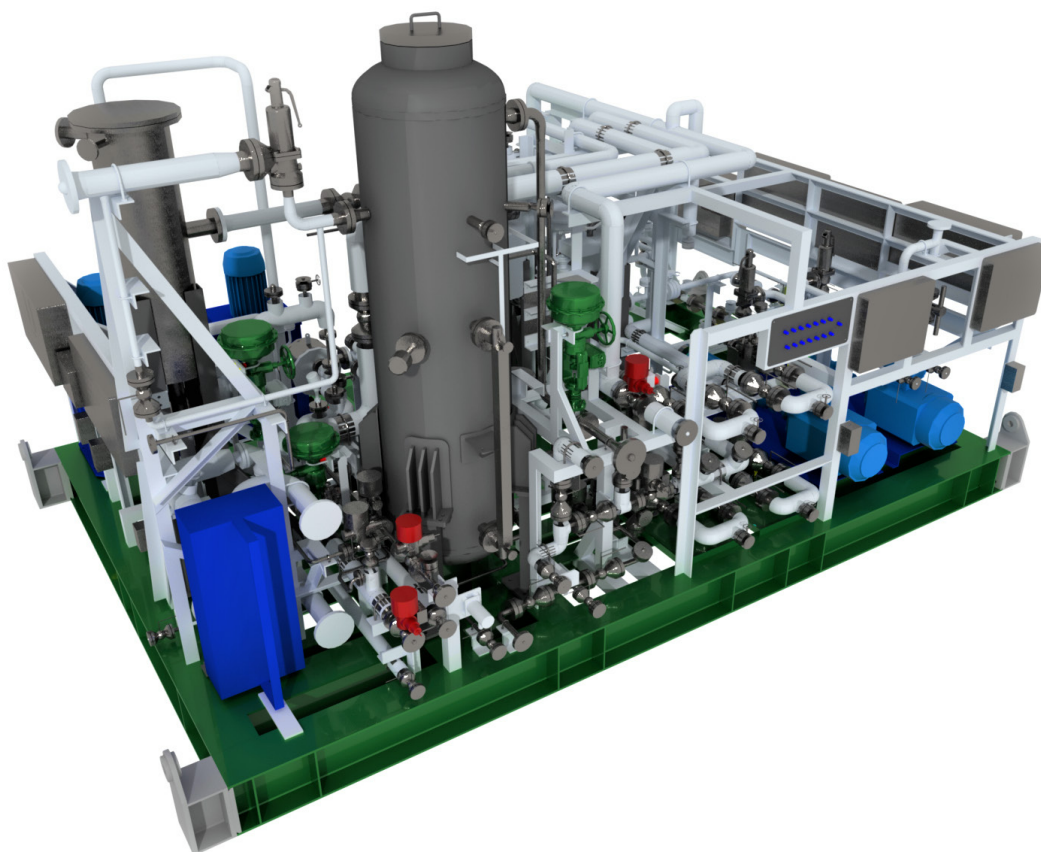




ecoFGSS®

**One integrated system. Lower complexity.
Reliable fuel supply.**

Babcock LGE is a world-leading provider of cargo handling and fuel gas supply systems for the liquefied gas markets. Our environmentally focused technologies improve efficiency and enhance performance, delivering value to customers throughout the vessel's lifetime.

ecoFGSS® conditions liquefied petroleum gas (LPG) from storage to the pressure, temperature and flow required by the dual-fuel engines. By engineering cargo handling and fuel supply as one integrated system, it reduces interfaces and supports reliable fuel delivery throughout vessel operations.

Use cargo as fuel:

Allows LPG already carried onboard to substitute for conventional oil-based marine fuel, with associated sulphur, particulate and potential tank-to-wake CO₂ benefits.

Reliable fuel supply:

Conditions LPG continuously as engine demand changes, while minimising unnecessary manual intervention.

Flexible vessel integration:

Supports multiple vessel arrangements, including deck and cargo tank solutions, for newbuild and retrofit applications.

Integrated by design:

Cargo handling and fuel supply are engineered together, reducing interfaces between storage, conditioning, controls and propulsion.

Common equipment:

Greater equipment and spares commonality can simplify maintenance, inventory and crew familiarity.

Clear responsibility:

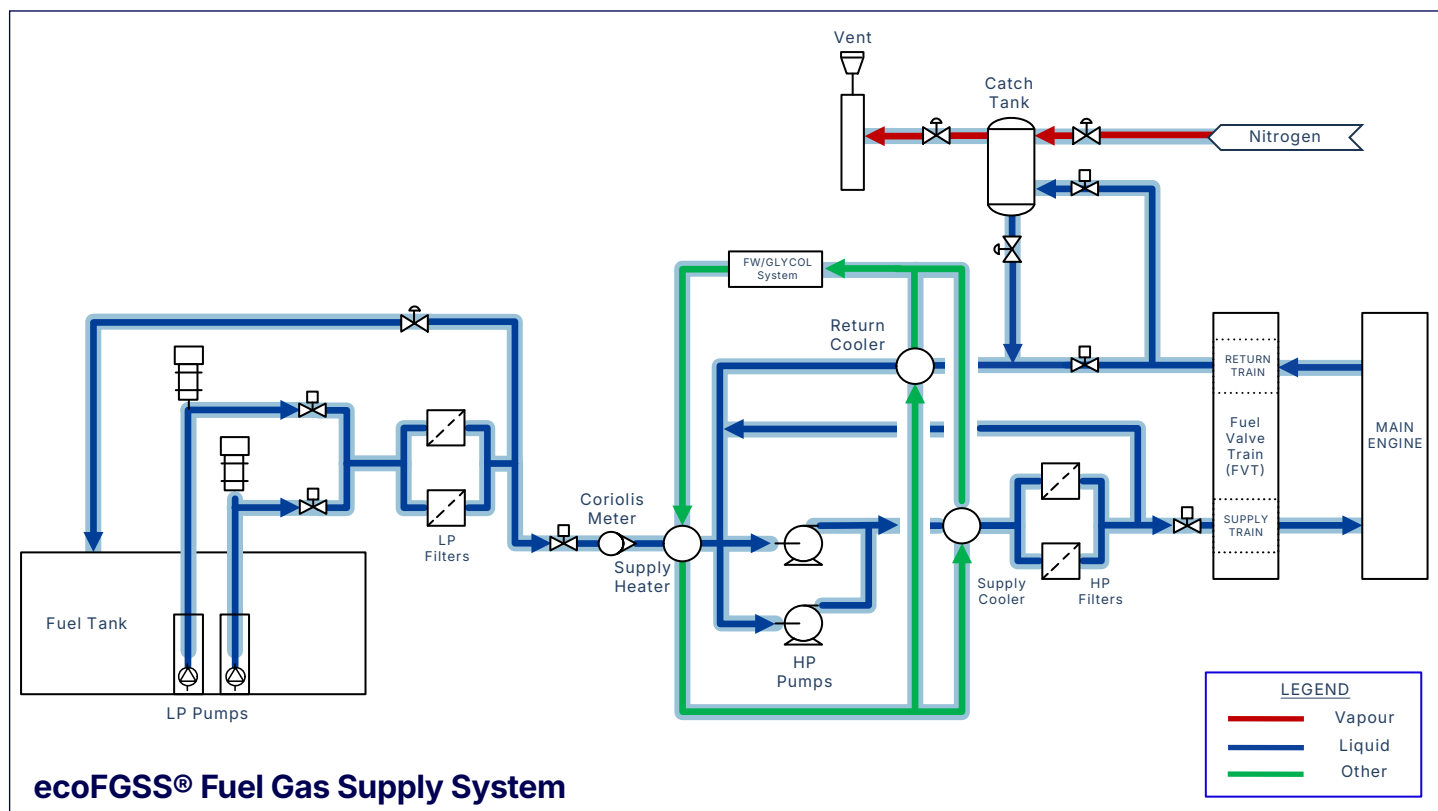
One provider reduces ambiguity across integration, commissioning, trials and operational performance optimisation.

How it works

ecoFGSS® applies Babcock LGE's gas-handling engineering to the complete route from LPG storage to the engine interface. The fuel is drawn from storage, conditioned to the pressure, temperature and flow required by the engine, and supplied continuously as demand changes.

When cargo handling and fuel supply are engineered together, common equipment, controls and design philosophy reduce the number of interfaces that must be resolved onboard.

Fewer interfaces. Common engineering. One provider.



First to market in 2019

ecoFGSS® was the first newbuild LPG fuel gas supply system to market in 2019. Since then, with over 50 system references, this platform design has established the market benchmark, while providing a proven foundation for the development of ecoFGSS-FLEX® - Babcock LGE's adaptable LPG and ammonia fuel gas supply system.

Delivering value

ecoFGSS® enables an LPG carrier to use the fuel it already carries while reducing the complexity of connecting cargo storage, fuel conditioning and propulsion. Integrated engineering provides clearer responsibility, fewer interfaces and reliable LPG supply throughout the vessel's operation.

Cargo and fuel. Engineered as one.

Contact us:

Babcock LGE, Rosyth Business Park, Rosyth, Dunfermline, Fife, KY11 2YD

E: lge.sales@babcockinternational.com

W: www.babcocklge.com