

HG Shore Connect™

ENABLING SUSTAINABLE AND COST EFFECTIVE PORT CALLS

HG Shore Connect is a turnkey solution that provides all onboard infrastructure necessary for ships to utilise the benefits of clean and affordable electrical shore power.



Key Benefits

- Zero CO₂, NOX and SOX emissions – no noise pollution
- Safe and simple operations – no fuel handling
- Low operating cost - save fuel and engine running hours
- Turnkey solutions from one supplier
- Simple and effective service and maintenance
- Up to 40% investment funding from Enova
- Available for both new builds and retrofits

Scope of Delivery

- System analysis, calculations and engineering
- Main switchboard modifications, including:
 - New shore connection breaker
 - Shore connect control panel
- Connection cabinet on deck, stainless steel
- All required power and signal cabling
- Steelwork for cable trays, penetrations and foundations
- Testing and commissioning
- Additional connection cabinet on deck (optional)

Technical Specification

Voltage	380, 400, 440 or 690V
Ampere	350 - 1400
Connection sockets	1 to 4
Signal interface to PMS and automation system	
IEC/PAS 80005-3 connection standard compliant	

Savings Calculation Example

Annual savings	Norwegian kroner (NOK)
150 m ³ fuel oil	975.000,-
100 days engine running costs	265.000,-
3200 kg NOX fee	35.000,-
399 T CO ₂ fee	0,-
450 000 kWh electrical power	- 630.000,-
Annual OPEX savings	645.000,-