

# GE's SeaGreen™ Energy Storage Systems (ESS)



Applying Deep Expertise for Smarter Marine Energy Solutions

SeaGreen Energy Storage Systems, the latest addition to our extensive, proven energy efficient hybrid and electrical technology portfolio—provide total life-cycle electrification and energy management to keep your fleet running smoothly and efficiently for the long term. Available for retrofit and new-build vessels, SeaGreen manages energy sources according to load demand, enabling marine operators to optimize energy usage while enabling continuity of operations, enhanced efficiency, and reduced emissions.



## System Integration Expertise

GE's team of SeaLab marine experts are on hand to advise you on the best way to integrate SeaGreen into your configuration, customizing for your vessel operations.



## Reduced Emissions

Decreased combustion emissions and noise in port.



## Compact and Containerized

Plug and play design ideal for both new-build and retrofit vessels.



Comprehensively tested at **GE's world-leading Marine Power Test Facility.**



Harvey Champion is one of America's first offshore support vessels that will be equipped with **GE's battery energy storage system**, aiming to achieve emissions reduction and fuel-efficiency benefits.



## Next-Generation Technology

Innovating to meet new regulations while ensuring your fleet remains competitive.



## Increased Efficiency and Resilience

Active and Passive Dynamic Load Levelling and Peak Shaving for all ships propulsion and ship service loads, reducing emissions and power losses across the ships electrical network.



## Continuity of Operations

Backup power in the event of blackout and critical reserve power in the event of engine failure.

Contact a GE representative to find out more information: [marine@ge.com](mailto:marine@ge.com)