

ADAPTIVE ELECTRONIC GENERATOR

Success within first few months for a
Pacific Northwest tugboat company

- 1000 Hours of operation
- 4000 Gallons of diesel saved
- 27MWh of Energy delivered
- Generator maintenance reduced
- No generator noise yields happier crew



WESTERN TOWBOAT CO.
OCEAN TITAN



CANAL

ADAPTIVE ELECTRONIC GENERATOR

- Produce regulated 3-phase AC power from the propulsion shaft. RPM can be anything from main engine idle to maximum speed
- Synchronize, connect in parallel, and load share with other AEGs and diesel generators
- Perform blackout recovery
- Retrofit AEGs to reduce reliance on diesel generators, or install AEGs on new-builds to displace diesel generators
- Scalable from 30kW to 3MW

CANAL's Adaptive Electronic Generator (AEG) is a flexible solution that allows power to be obtained from unconventional sources, supporting the vessel's AC loads in place of expensive, noisy, maintenance-hungry diesel generators.

