DoN Seeks Energy Resilience Solutions to Power Navy and Marine Corps Installations

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WASHINGTON, D.C. – Today, the Department of the Navy, under the leadership of Secretary of the Navy John C. Phelan, announced a bold solicitation to industry for innovative, deployable energy solutions capable of powering Navy and Marine Corps installations with unmatched resilience, security and reliability.

The solicitation, issued through the Center for Energy, Environment, and Demilitarization (CEED) Consortium under an Other Transaction Authority (OTA) agreement—seeks execution-ready prototypes that will modernize energy infrastructure, safeguard mission-critical operations and ensure uninterrupted power in any operating environment.

"President Trump's commitment to unleashing American energy innovation is powering the Navy into a new era," said Secretary Phelan. "We are calling on America's most capable innovators to deliver advanced, installation-scale energy solutions, ranging from small modular nuclear reactors to cutting-edge storage and generation technologies that can deliver power with 99.9% availability, even if the public grid goes dark. This is about warfighting readiness, mission assurance, and making sure our bases remain operational under any circumstances."

Prototype concepts should focus on:

- Modernizing Energy Infrastructure: Deploy advanced, resilient energy systems at Navy, Marine Corps, and

other DoD installations.

- 99.9% Mission Availability: Deliver power systems capable of sustaining operations without interruption during public grid failures.

- Powering High-Demand Data Centers: Ensure generation systems, particularly SMRs are capable of supporting data centers that power advanced AI systems, which require substantially higher and continuous energy output than traditional facilities.

- Advanced On-Site Generation: Integrate next-generation small modular nuclear reactors, geothermal, battery storage, and other dispatchable energy technologies.

- Resilience Against All Threats: Build systems hardened against natural disasters, cyberattacks, and grid instability.

- Innovative Financing: Employ alternative capital structures to accelerate deployment and reduce reliance on traditional appropriated funding.

The OTA pathway gives the Navy the speed and flexibility needed to work directly with industry leaders, moving from concept to deployment faster than traditional acquisition methods allow. The Department is seeking solutions from both traditional defense contractors and non-traditional energy innovators that can be rapidly mobilized, require minimal permitting, and are ready for immediate execution.

“Energy resilience is warfighting resilience,” said Secretary

Phelan. “If a hurricane knocks out the local grid, our ships still sail. If a cyberattack takes down civilian power, our bases stay online. That’s the standard and we’re setting it now.”

This opportunity is available exclusively to CEED Consortium members.

Full details of the solicitation are available at https://cmgcorp.org/cmg-opportunities/.