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SUBJ/FISCAL YEAR 2025 SECNAV NAVAL ENERGY DOMINANCE AWARD WINNERS//

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AMPN/REF A IS SECNAVINST 4101.2A, SECRETARY OF THE NAVY ENERGY EXCELLENCE AWARDS PROGRAM// POC/CDR BENJAMIN KALISH/OASN(EI&E)/COMM: 571-256-7878/
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RMKS/1. The Secretary of the Navy (SECNAV) Naval Energy Dominance Awards Program is designed to promote readiness and force lethality by leveraging innovative solutions to enhance operational effectiveness, bolster energy security, and maintain a ready and capable force. Embracing energy superiority initiatives enables the Department of the Navy (DON) to ensure mission success. Pursuant to reference (a), the SECNAV annually recognizes the accomplishments of Navy and Marine Corps operational units, installations, and activities.

2. One (1) Navy (USN) and one (1) Marine Corps (USMC) command were selected for an award in each category, if nominated and applicable. Award categories are listed as follows:

a. Installation (Large). This category is for DON installations with energy consumption greater than or equal to 500,000 million British Thermal Units (BTU) during the Fiscal Year (FY). This award category is coordinated by Commander, Navy Installations Command (CNIC) and Marine Corps Installations Command (MCICOM).

b. Installation (Small). This category is for DON installations with energy consumption less than 500,000 million BTU during the FY. This award category is coordinated by CNIC and MCICOM.

c. Afloat (Large). This category is for commissioned afloat combatant and amphibious naval units with crews greater than or equal to 400 personnel. This award category is coordinated by U.S. Fleet Forces Command (USFFC) and U.S.

Marine Corps Forces Command (MARFORCOM).

d. Afloat (Small). This category is for commissioned afloat combatant and amphibious naval units with crews less than 400 personnel. This award category is coordinated by USFFC and MARFORCOM.

e. Afloat (Logistics). This category is for auxiliary ships including all civilian manned ships from the combat logistics force under Military Sealift Command. This award category is coordinated by USFFC and MARFORCOM.

f. Aviation (Large). This category is for DON air group sized units operating under aircraft controlling custodians.

This award category is coordinated by USFFC and MARFORCOM.

g. Aviation (Small). This category is for DON squadron and detachment sized units operating under aircraft controlling custodians. This award category is coordinated by USFFC and MARFORCOM.

h. Expeditionary. This category includes all DON deployed expeditionary units. This award category is coordinated by USFFC and MARFORCOM.

i. Technology Development and Acquisition. This category is for DON activities that have demonstrated exceptional leadership and/or innovation in developing energy technologies or contract management. Energy technologies must have a functioning prototype that significantly impacts the lethality or operational range of a platform or weapon system and be capable of being tested in a field operating environment. Contract management practices must have the potential to significantly improve energy resilience on a Service-wide level. This award category is coordinated by Mr. James Caley (james.c.caley.civ@us.navy.mil).

3. After careful consideration of all nominations received, it is my pleasure to announce the FY 2025 SECNAV Naval Energy Dominance Award winners:

a. Installation (Large): Naval Submarine Base New London (SUBASE NLON) and Marine Corps Air Station (MCAS), Cherry Point.

b. Installation (Small): Naval Support Facility (NSF) Deveselu and Marine Corps Support Facility (MCSF), Blount Island.

c. Afloat (Large): USS SAN ANTONIO (LPD-17).

d. Afloat (Logistics): USNS SACAGAWEA (T-AKE-2).

e. Aviation (Large): Commander, Patrol and Reconnaissance Wing ELEVEN (CPRW-11).

f. Expeditionary: Navy Expeditionary Combat Command (NECC).

4. Award winners narratives are provided below:

a. USN Installation (Large): SUBASE NLON. SUBASE NLON demonstrated unparalleled leadership in energy dominance by commissioning a state-of-the-art microgrid with black start and island mode capabilities. The installation also executed comprehensive water resilience exercises, ensuring mission readiness for the Nation's Submarine Force. Through a strategic partnership, the base was instrumental in securing a \$5.7 million grant to modernize the water main that directly services the installation, eliminating a critical vulnerability. These actions not only enhance the reliability of utility systems for the "First and Finest" home of the Submarine Force but have directly shaped new DON water availability policy, guaranteeing uninterrupted support to strategic assets and enhancing combat capability.

b. USMC Installation (Large): MCAS Cherry Point. MCAS Cherry Point has excelled in managing its energy program to ensure energy security by prioritizing efficiency, resiliency, and reliability, enabling the station to sustain mission-critical operations and support the Marine Corps warfighting readiness. MCAS Cherry Point modernized foundational electrical, water, and control systems. This investment directly enhanced mission capacity by improving system reliability and cybersecurity, while reducing energy consumption and costs, and demonstrated a commitment to increasing situational awareness through resilience exercises. MCAS Cherry Point, a critical hub for aviation operations, has set the standard for energy dominance to generate lethality and ensure mission readiness for the Marine Corps.

c. USN Installation (Small): NSF Deveselu.

Through exceptional energy program management, the installation provides uninterrupted power and water, enabling the persistent defense of the United States and her allies under National Atlantic Treaty Organization's Operation ATLANTIC SENTRY, and ensuring the mission success of the Nation's only Aegis Ashore Missile Defense System. NSF Deveselu's energy and water resilience efforts directly guarantee the lethality of this no-fail strategic asset. By making strategic investments in its infrastructure and employing innovative technologies, NSF Deveselu has fortified its operational endurance against all hazards. Its adaptive management practices ensure that the ballistic missile defense mission remains lethal and ready, providing a replicable model for energy and water security at critical operational sites.

d. USMC Installation (Small): MCSF Blount Island.

MCSF Blount Island exemplifies energy dominance through its effective program management and unwavering commitment to energy resilience and operational readiness. A recent investment will provide uninterrupted power to a portion of critical operations. Additionally, building control modernization and efficiency projects will enhance the cyber security of 14 buildings and the largest warehouse. Over the past four years, MCSF Blount Island has reduced its energy intensity, demonstrating an enduring commitment to efficient uses of energy resources and costs. These achievements, driven by disciplined program management and a focus on mission readiness, position MCSF Blount Island as a model of energy dominance, operational excellence, and strategic leadership.

e. Afloat (Large): USS SAN ANTONIO (LPD-17).

USS SAN ANTONIO demonstrated exceptional energy management during its FY 2025 workup cycle and deployment. By emphasizing plant alignment and maximizing the use of split-plant and trail-shaft configurations, the ship achieved an eight percent reduction in fuel consumption compared to its class average. This was accomplished while operating 70 percent more underway hours than the class average, directly enhancing mission persistence. This replicable model of pairing the most efficient engineering plant with mission execution demonstrates a deep commitment to reducing logistical burdens. Through rigorous officer training to proactive watch team coordination and a focus on procedural compliance, SAN ANTONIO increased the reliability and efficiency of its engineering plant, ensuring it remains ready to transport U.S. Marines and project power ashore.

f. Afloat (Logistics): USNS SACAGAWEA (T-AKE-2).

Through a culture of performance consciousness, and for its leadership in operational energy management, SACAGAWEA achieved an underway fuel consumption rate nearly nine percent below its class average, directly increasing its time on station and reducing the logistical burden on the fleet.

This high level of efficiency is achieved through the innovative use of replicable technologies, including advanced refrigeration monitoring and Coriolis fuel flow meters for precise consumption tracking. By actively employing its Shipboard Energy Efficiency Management Plan and empowering the crew to innovate, SACAGAWEA enhances its combat effectiveness and provides a model of energy-conscious fleet support.

g. Aviation (Large): CPRW-11.

While supporting global operations, CPRW-11 demonstrated exceptional energy management by executing 112 percent of its allocated flight hours, directly increasing mission capacity and persistence. This was achieved through a culture of efficiency, where pilots consistently employed fuel conservation techniques to increase on-station time and reduce refueling turnarounds. This replicable model of maximizing aircraft endurance significantly increased operational tempo and combat effectiveness. On the ground, the Wing implemented energy-saving measures, including the use of motion-

activated and natural lighting, to reduce electricity consumption, allowing funds to be reallocated to critical airfield infrastructure improvements.

h. Expeditionary: NECC. Naval Construction Group ONE (NCG 1) and Naval Construction Group TWO (NCG 2). NCG 1 and NCG 2 made investments that directly enhanced mission capacity while reducing logistical burdens. The core achievement replacing 18 year old, inefficient structures with two modern, energy-optimized maintenance facilities is supported by a host of specific innovations that demonstrate a holistic approach to energy and operational efficiency.

Key innovations include centralized compressed air and lubrication distribution systems, and particularly the integration of Oil Water Separators, reduced logistical tails by eliminating the need for individual pumps and the costly handling and transport of hazardous waste. This proactive design, combined with a management approach where the Naval Construction Force actively corrected energy deficiencies during construction, ensures the new facilities directly increase the mission capability of the maintenance units they support; thereby enhancing the Navy's lethality and persistence.

5. The SECNAV Naval Energy Dominance Award winners are authorized to fly the SECNAV Energy Flag for one year.

Category coordinating entities are responsible providing the Office of the Assistant Secretary of the Navy (Energy, Installations, and Environment) with a point of contact (POC) and mailing address for each award recipient. A tasker will be issued in Enterprise Task Management Software Solution to category coordinating entities to collect POCs and mailing addresses for award package shipment.

6. Congratulations to all award recipients. Advancing the energy superiority of our operating forces and installations remains a top priority and I look forward to your future accomplishments in support of this critical objective.

7. Released by the Honorable Hung Cao, Acting Secretary of the Navy.//

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