



DEPARTMENT OF THE NAVY  
THE ASSISTANT SECRETARY OF THE NAVY  
(ENERGY, INSTALLATIONS, AND ENVIRONMENT)  
1000 NAVY PENTAGON  
WASHINGTON, DC 20350-1000

20 November 2023

MEMORANDUM FOR DEPUTY CHIEF OF NAVAL OPERATIONS, FLEET READINESS  
AND LOGISTICS  
DEPUTY COMMANDANT OF THE MARINE CORPS FOR  
INSTALLATIONS AND LOGISTICS  
COMMANDER, NAVY INSTALLATIONS COMMAND  
COMMANDER, MARINE CORPS INSTALLATIONS COMMAND  
COMMANDER, NAVAL FACILITIES ENGINEERING SYSTEMS  
COMMAND

SUBJECT: Department of the Navy Building Electrification Implementation Policy

Reference: (a) Department of Defense Memorandum, "Electrification of Standard Building Operations," March 29, 2023

- (b) Department of the Navy Chief Sustainability Officer Serial One: Infrastructure
- (c) Executive Order 14057 Catalyzing Clean Energy Industries and Jobs Through Federal Sustainability, Sec. 205
- (d) DON Climate Action Plan 2030
- (e) FC 1-300-09N Navy and Marine Corps Design Procedures

1. On March 29, 2023, the Office of the Secretary of Defense released reference (a), directing the Department of the Navy (DON) to incorporate into building design, construction, repair, and operations, requirements that maximize the use of all-electric technologies. In accordance with reference (a), and in support of references (b), (c), and (d), I hereby direct the following:

a. All DON military construction (MILCON) and Facilities Sustainment, Restoration and Modernization (FSRM) projects shall immediately incorporate into advance planning and design efforts the use of all-electric technologies for all building system components, including but not limited to space conditioning, water heating, cooking, and laundry, where market ready technologies exist. For projects currently in various stages of execution, the following applies:

i. Projects beyond the design development phase, as defined in reference (e), or in the construction phase are not required to modify existing designs or contracts to incorporate increased electrification. However, executing agents are encouraged to pursue low and no-cost changes as practicable.

ii. Projects in advance planning that have not reached the design development phase shall immediately incorporate the use of all-electric technologies for system components.

iii. Regardless of status of design, all fiscal year (FY) 2026 and beyond MILCON projects, and FY 2025 and beyond FSRM projects, shall incorporate the use of all-electric technologies for system components.

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b. All existing facilities shall shift to all-electric systems as building systems are replaced, or in conjunction with renovation projects.

c. Naval Facilities Engineering Systems Command (NAVFAC) shall develop Interim Technical Guidance to govern the technical implementation of this policy until updates to the Unified Facilities Criteria are complete, and establish a process to share market-ready technologies and best practices. NAVFAC shall also update training and processes for planners, engineers, designers, and construction professionals to achieve the objectives of this policy.

d. NAVFAC shall document cost impacts from this policy and provide feedback to Commander, Navy Installations Command, Marine Corps Installations Command, and resource sponsors on a bi-annual basis to incorporate into future planning and programming actions.

2. The implementation of this policy may increase electricity demand beyond the load capacity supported by existing switchgear, transformer, substation, or other electrical utility infrastructure. As a result:

a. Planning and resulting design of projects covered by this policy must incorporate to the project scope infrastructure requirements beyond immediate boundary of the facility where required.

b. In cases where the utilities are privatized, the utilities privatization system owner may require modification to capture any increased demand utilities infrastructure requirements.

c. Installations must assess and update their installation energy plans, and apply energy resilience assessments of energy systems for critical missions and supporting infrastructure, to account for the increased energy requirements resulting from future year projects to include capital improvements to power generation and distribution facilities as outlined in reference (a).

3. This policy also applies to any planned energy savings performance contract, utilities energy savings contract, or any other applicable third-party financing (3PF) arrangement. 3PF contracts shall incorporate the use of all-electric technologies for system components.

4. Exceptions to this policy may be granted by the Office of the Assistant Secretary of the Navy for Energy, Installations and Environment (OASN (EI&E)), as described in reference (a), in the following circumstances:

a. Climate zones where all-electric technologies are not currently practicable.

b. In certain remote locations deemed unsuitable for all-electric systems.

c. Where all-electric technologies do not cash flow within existing 3PF agreements, or where they do not meet energy efficiency requirements (such as energy consumption reduction) of the execution authority. In these cases, steps shall be taken to modify existing agreements to transition away from non-electric technologies.

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d. Where electrification of buildings negatively impact contracts with gas utility companies where installations committed to load growth. In these cases, steps shall be taken to electrify building components to the maximum extent practicable, and reduce natural gas usage to minimum contractual levels.

5. Per reference (a), this policy does not apply to systems and equipment where host nation requirements or agreements prohibit compliance, those used for unique agency research, manufacturing, industrial, and process loads for which all-electric technology is not practicable, emergency use generators, and central power generation assets.

6. My point of contact for this effort is CAPT Matthew Tolhurst, Director, Military Construction and Capital Improvements for OASN (EI&E). He can be reached by telephone at (703) 614-0898 or by email at [matthew.c.tolhurst.mil@us.navy.mil](mailto:matthew.c.tolhurst.mil@us.navy.mil).

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