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TAG POLICY LETTER 15-1*

15 May 2015

NJARNG ENERGY AND WATER CONSERVATION POLICY

1. This Policy Letter applies to all NJARNG individuals, offices, tenants, leases, and organizations regarding energy and water conservation throughout NJ Department of Military and Veterans Affairs (DMAVA) facilities.

2. This Policy Letter provides guidance in support of Executive Order 13693, Planning for Federal Sustainability in the Next Decade, dated 19 March 2015, and the Energy Independence and Security Act of 2007 to increase energy and water efficiency. To that end, DMAVA must initiate an energy and water conservation program, which will share the responsibility of energy and water reduction management with the members of the NJARNG using the facilities. The DMAVA energy and water conservation program has three goals.

a. **Reduce operating costs through energy and water efficiency** – Optimize facility operations and implement strategies that provide the greatest life-cycle cost savings.

b. **Increase the use of renewable energy sources** – Increase the use of clean and renewable energy to reduce emissions and consumption of fossil fuels.

c. **Reduce the adverse environmental impact of operations** – Reduce emissions and the negative environmental impact that our activities have to ensure a safe and healthy environment for current and future generations.

3. DMAVA is committed to conservation and sustainable facilities and it is imperative that all personnel and facilities conserve energy and water to the greatest extent possible. To achieve these goals, the NJARNG will adopt the following best practices:

a. All NJARNG facilities will be operated in the most energy and water efficient and integrated manner possible by adhering to DMAVA's Clean Cut Green Management Handbook.

*** This TAG Policy Letter Supersedes LOI 10-08, dated 1 October 2008.**

The “Green Management Handbook” can be found on DMAVA’s webpage at <http://www.nj.gov/military/installations/docs/CLEAN-CUT-Green-Management-Handbook.pdf>.

b. All NJARNG facilities will identify energy and water efficiency improvement measures through ongoing monitoring and assessments and will be benchmarked in a building energy use benchmarking system.

c. The NJARNG will promote the use of cost effective, renewable energy sources whenever possible, both in new construction, building renovations, and in existing buildings.

d. Beginning in fiscal year 2020, all new NJARNG facilities above 5,000 gross square feet will be designed to achieve net-zero energy and, where feasible, net-zero water and waste by fiscal year 2030.

e. The NJARNG will actively seek sources of funding to implement energy and water efficiency improvement projects, including federal, state, and private sector opportunities.

f. DMAVA will have a designated Energy Manager with the responsibility to identify energy and water conservation opportunities and to benchmark, monitor and report monthly energy and quarterly water usage for all NJARNG facilities.

g. The NJARNG will promote sustainable acquisition and procurement by ensuring that all equipment, products and fixtures purchased meet or exceed the U.S. Environmental Protection Agency’s ENERGY STAR and WaterSense standards.

h. The NJARNG will support the adoption of electric vehicles by ensuring that all new construction and major renovation projects include appropriate design and deployment of fleet charging infrastructure where feasible. (This infrastructure is approved for use by NJARNG fleet vehicles only. Charging of personally owned vehicles is prohibited)

i. The NJARNG will promote employee awareness and facilitate regular energy and water conservation trainings and comprehension checks.

4. To measure results, the NJARNG will use the following targets:

a. Reduce energy use per square foot by 2.5% annually for a total reduction of 25% by the end of fiscal year 2025 compared to a fiscal year 2015 baseline.

b. Reduce water use per square foot by 2% annually for a total reduction of 36% by the end of fiscal year 2025 compared to a fiscal year 2007 baseline.

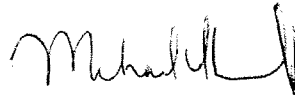
c. Increase the use of renewable energy to 25% of overall energy consumption (electricity and thermal) by the end of fiscal year 2025.

d. Increase the use of renewable energy to 30% of overall electricity consumption by the end of fiscal year 2025.

e. Increase the number of buildings above 5,000 square feet that comply with the Guiding Principles for Federal Leadership in High-Performance and Sustainable Buildings to 100% starting with at least 15% by fiscal year 2025. The “Guiding Principles” can be found at http://www1.eere.energy.gov/femp/pdfs/guidance_hpsb.pdf.

f. Complete ASHRAE Level II energy and water assessments for 25% of facility space annually.

5. Questions or inquiries concerning this bulletin should be addressed to the DMAVA Energy Manager, Christopher Moore, at 609-530-7124 or christopher.moore@dmava.nj.gov.



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