

Sustainability Performance Plan

FY 2022

*This report was written in compliance with
section 5 of Executive Order 1.*



Sustainability Performance Plan

Executive Order 1 (EO 1) calls on Executive Branch agencies to advance environmental leadership and cost savings for taxpayers by reducing greenhouse gas emissions and other sustainability objectives in energy use in buildings and vehicles, water use, and waste disposal.

The goals of EO 1 include:

- 45% reduction in GHG emissions below 2001 levels,
- 10% reduction in water consumption from a FY20 baseline, and
- 25% reduction in waste disposal from a FY20 baseline.

Sustainability Performance Plans are plans drafted each year by Senior Sustainability Officers to detail agency progress and necessary goals, actions, and responsible parties to achieve the targets set in EO 1.

This report includes details on sustainability initiatives and participation in the GreenerGovCT initiative in FY22.

Agency Details

Agency: Military Department

Senior Sustainability Officer: Michael Carragher

Date Submitted: 12/31/2022

GreenerGov CT Participation Overview

1. How has your agency worked towards the sustainability goals of EO 1 in FY22?

The Military Department considers conservation of resources an economic and national security imperative. We have initiated a project to bring electric vehicle (EV) charging stations to five locations around the State. We believe this investment will allow for a smooth transition from gasoline to EV.

We have also partnered with Eversource to improve our ability to track natural gas use at our Bradley Air National Guard base in East Granby with the installation of additional meters. This project will allow for a more detailed look at gas usage.

Although funding is always a requisite part of our strategic planning, the Military Department is also making every effort to conserve water and electric use in all facilities. We are working diligently to ensure we have a knowledgeable and conscientious workforce.

There is still much to be done in FY23 and beyond. We appreciate the enormous assistance we receive from the DEEP staff and renew our commitment to attaining the goals set forth by EO1.

2. List key agency staff involved in EO 1 in FY22.

Francis J. Evon, Jr. – The Adjutant General
Philip Mader – Energy Manager
Robert Dollak – Environmental Manager
Michael Carragher – Fiscal Manager

Sustainability Projects

3. How many projects has your agency implemented that had a positive impact on sustainability in FY22? Include projects relating to infrastructure improvements as well as behavioral change that took place in owned, leased, or occupied space and were either in progress or completed in FY22.

The Military department had five sustainability projects relating to infrastructure improvements that were either completed or in progress in FY22.

4. Provide a summary of the sustainability projects completed in FY22 at your agency. For each project include:

1. **Project:** 32 Electric Vehicle Charging Stations
Location: Multiple
Project Status: In progress in FY22
Project Benefits: Provides infrastructure for fleet vehicle conversion to Electric.
2. **Project:** Building Automation Controls
Location: Windsor Locks & Hartford
Project Status: In Progress in FY22
Project Benefits: Control over building HVAC systems providing better energy conservation.
3. **Project:** Solar PV
Location: Norwich
Project Status: In Progress in FY22
Project Benefits: Addition of 150 KW PV Solar System to add renewable energy to our facilities and reduce dependency on fossil fuels.
4. **Project:** HVAC Conversion to Natural Gas
Location: Branford
Project Status: In Progress in FY22
Project Benefits: Increase efficiency, lower cost, and removal of fuel oil under-ground storage tank.
5. **Project:** Installation of Nat. Gas meters
Location: Bradley Air National Guard Base
Project Status: In Progress in FY22
Project Benefits: Better control over usage providing anticipated energy conservation.

Future Plans

5. What planned sustainability initiatives beyond FY22 does your agency have relating to GHG reduction, water use reduction, and waste reduction?

The Military Department is continuing to plan for and take opportunities when we receive funding to meet the goals of EO1. We are continuing to identify locations and install EV stations to support the conversion of the fleet vehicles and reduce our GHG. We have also begun solar PV feasibility studies at multiple facilities to identify locations that would benefit from solar arrays to reduce the dependency on fossil fuels. Conversion of our Building Automation Systems to more efficient systems will help our agency reduce energy.

The CT military Department continues to take every opportunity to reduce waste produced through operations and provide receptacles at our facilities that maximize the amount of waste that can be recycled.