

# 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:** Department of Administrative Services

**Senior Sustainability Officer:** Noel Petra

**Date Submitted:** 12/30/2022

## GreenerGov CT Participation Overview

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

DAS is a member of the EO1 Steering Committee. The agency has also facilitated ASHRAE Level II energy audits across 35 state buildings, coordinated state property evaluations for electric vehicle charging stations and related electric infrastructure upgrades. Over the past year the agency has been the point-of-contact for the CEPA scoping process for the first round of solar electricity installations across several state agencies (e.g., 165 Capitol Ave., DOC and DEEP properties, etc.). DAS is a signatory to solar power projects that use the Power Purchase Agreement to fund solar projects in coordination with the Connecticut Green Bank. This is the case for all Executive Branch building projects.

This past year DAS has also started the recruitment for a Senior Sustainability Manager that will be responsible for managing the many sustainability projects in which the agency is involved.

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

Michelle Gilman, Noel Petra, Steve McGirr, Carol O'Shea, Doug Moore, David Barkin, Nicholas Ross, Matthew Pafford, Michael Barrera

## **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.**

Three

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

- a. Project summary:**
- b. Project location:**
- c. Project status:**
- d. Project benefits:**
- e. Projected savings (in dollars and the appropriate unit of measurement if known):**

**1) Sponsoring Agency of Solar Power Projects Across Executive Branch Properties**

- a. Project Summary & Location: DAS is the sponsoring agency for the installation of solar power electric generation equipment on various state properties managed by Executive Branch agencies. DAS is also responsible for shepherding the projects through the CEPA Scoping Process and coordinating with local stakeholders to ensure compliance with all applicable statutory and regulatory compliance.
- b. Status: In Progress
- c. Project Benefits: The Kensington Fish Hatchery project, on property owned and managed by DEEP, the solar PV equipment is estimated to produce 124kW of electricity on roughly 2/3 acres of land. DAS is also the sponsor of a project to be installed on DOC property. These three projects will occupy roughly 1.3 acres of an existing field and will generate over 500kW of electricity.
- d. Project Savings: To be Determined

**2) Capitol Area System (CAS) Decarbonization Study**

- a. Project Summary: Study to determine costs and benefits of Decarbonization of the CAS..
- b. Status: In Progress
- c. Project Benefits: Reduce energy costs for the buildings operating on the CAS, reduce greenhouse gas emissions, and increase environmental justice goals of improving air quality in the greater Hartford region.
- d. Project Savings: To Be Determined.

**3) EVSE site evaluations**

- a. Project Summary & Location: Over 21 state properties evaluated for viability of electric vehicle charging station installations.
- b. Status: Complete
- c. Project Benefits: Charger viability is based upon peak power availability, condition and location of existing electrical infrastructure, proposed charger site locations and rough order of magnitude installation pricing. Following the on-site investigation and discussions with the utility, each location was ranked and prioritized based upon established criteria. Conceptual technical design for site preparation, construction, and proposed charger installations at the top five sites will begin based on the recommendations within the report.
- d. Project Savings: To be Determined

## Future Plans

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

DAS will continue to support Connecticut's growth through serving our citizens, businesses, state agencies and other branches of government by providing the highest quality services at the lowest possible cost. The agency will continue its work to achieve the GHG reduction goals listed in Executive Orders 1 and 21-3, among other statutorily required initiatives.