

Sustainability Performance Plan

FY 2021

Office of Policy & Management

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Approved by Melissa McCaw
Secretary

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



EO 1 Background

On April 24, 2019, Governor Lamont launched the GreenerGov CT initiative by signing Executive Order 1 (EO 1) which directs 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.

EO 1 calls on agencies to recommit to and expand the state's Lead by Example (LBE) program to reduce the operating costs and environmental impacts of state government facilities and operations. EO 1 builds on the foundation of the state's LBE program by setting new sustainability goals, listed below, for Executive Branch agencies and invoking deeper levels of commitment and participation.

GHG

45% reduction in
GHG emissions
below 2001 levels

WATER

10% reduction in
water consumption
from a FY20 baseline

WASTE

25% reduction in
waste disposal from a
FY20 baseline

Since the GreenerGov CT initiative was launched, significant progress has been made towards laying the groundwork for expanded LBE initiatives in the future: governance structures were established, baseline data was collected, and financing and project strategies were developed. Additionally, agencies reported completing or making progress on 90+ sustainability projects in FY20 in the annual agency Sustainability Performance Plans. 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.

In 2020 and 2021, agencies continued to navigate the COVID-19 pandemic. As many agencies returned to the office in 2021, the GreenerGov CT leadership encouraged agencies to use the return to the office from teleworking as an opportunity to refresh staff practices and to take on new sustainability initiatives. The FY21 Sustainability Performance Plan includes a summary of sustainability actions initiated as part of the "Returning to the Office Greener" call to action.

EO 1 Participation Overview

OPM's Mission

As the State of CT's Budget Office, OPM plays a multifaceted role with EO 1; in addition to establishing policies for state actions and overseeing funding, we also share in the behavioral and logistical challenges with all of the executive branch agencies to ensure the Governor's initiative is successful. As such, OPM will strive to implement sustainability projects as well as adjust our behavioral habits. Whether funding for energy projects or turning off a light switch, all actions to assist with this initiative will be pursued.

FY21 Participation Overview

EO 1 Steering Committee

EO 1 Finance Committee

EO 1 Renewable Energy Committee

Building Audits Team

Sustainability in Leased Spaces Committee

Energy Efficiency Committee

Accounting & Reporting Committee

Participating Agency Staff

Claire Coleman

Pauline Zaldonis

Jeff Beckham



Sustainability Projects

including projects relating to infrastructure improvements or behavioral change that took place in owned, leased, or occupied space and were either in progress or completed in FY21

Sustainability Projects

Project 1

What: Lighting upgrade to LEDs with motion sensors

Where: 450 Capitol Ave, Hartford

Project type: Structural - GHG - Building energy efficiency

Status: In progress in FY 2021

Benefits: Lower utility bills

Project 2

What: Installation of hands-free toilet flushers and faucets.

Where: 450 Capitol Ave, Hartford

Project type: Structural - Water

Status: Completed in FY 2020

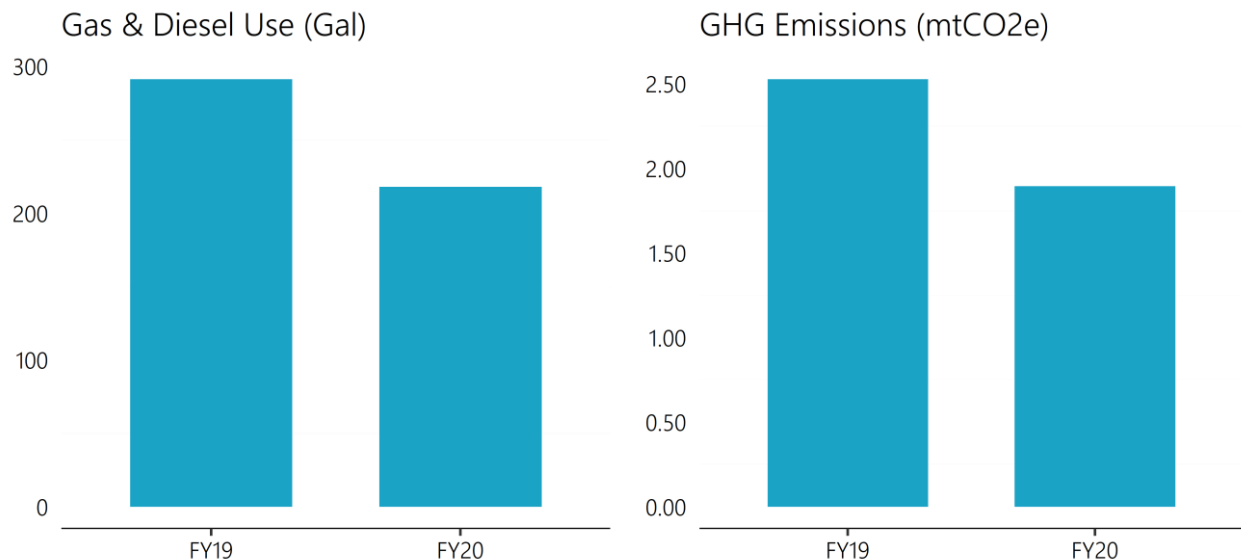
Benefits: Reduce water consumption and safety

Performance Data

The following data was pulled from EnergyCAP, the state's utility tracking software, on December 9, 2021. Note that utility data on agencies occupying space owned by another state agency may not be linked to their EnergyCAP accounts.

Data Trends, FY19-FY21

The charts below summarize the gas/diesel use and total GHG emissions for OPM for FY19-FY21. No data for OPM in FY21 was available at the time of the data pull from EnergyCAP. Keep in mind that data that is missing or not yet processed in EnergyCAP may cause these numbers to be artificially low.



Detailed Utility Use and Cost Data

The table below summarizes the utility use and cost data for OPM for FY19-FY21 according to data pulled from EnergyCAP on December 9, 2021. As mentioned previously, keep in mind that this data may be incomplete.

Commodity	Unit	Use				Cost			
		FY19	FY20	FY21	FY19-20 Change	FY19	FY20	FY21	FY19-20 Change
Vehicle Gasoline	Gal	291	218	-	-25.1%	\$784	\$528	-	-32.6%
Total GHG Emissions	mtCO2e	3	2	-	-25.0%	-	-	-	-
Total	-	-	-	-	-	\$784	\$528	-	-32.6%

*No data for OPM in FY21 was available at the time of the data pull from EnergyCAP on 12/9/21.

**Gasoline and diesel costs estimated based on average monthly cost from EIA.gov, \$2.53 for gasoline and \$2.81 for diesel in FY21; \$2.42 for gasoline and \$2.96 for diesel in FY20; \$2.69 for gasoline and \$3.25 for diesel in FY19.

Return to the Office Greener

In FY21, the GreenerGov CT leadership encouraged agencies to use the return to the office from teleworking due to the COVID-19 pandemic as an opportunity to refresh staff practices and habits and to take on new sustainability initiatives. Eleven actions were presented as possible strategies for a more sustainable return to the office, and agencies were asked to pick three actions not already in process. The actions for OPM are highlighted below.

Returning to the Office Greener Suggested Actions

- | | |
|---|---|
| 1. Identify agency vehicles which could be transitioned to electric models. | ✓ |
| 2. Have a No-Cost retro commissioning scoping study to identify HVAC improvement and controls opportunities. | |
| 3. Sign up a building to participate in Eversource's Strategic Energy Management program. | |
| 4. Have a free building energy audit performed to identify basic opportunities to upgrade lighting or weatherization. | |
| 5. Perform a water audit to identify opportunities for fixture replacement or conservation actions. | |
| 6. Check for water leaks using the Fix-A-Leak Checklist. | ✓ |
| 7. Assess the feasibility of hosting solar on your buildings or property. | ✓ |
| 8. Optimize your dumpster size and pickup schedule. | |
| 9. Start an organics diversion/collection program. | |
| 10. Tune up recycling practices. | |
| 11. Make a Green Team of staff invested in making space and operations more sustainable. | |
| 12. Other actions | |

COVID-19 Impact

Impact of COVID-19 on OPM's ability to make progress on the goals of EO 1 in FY21

Greatly impacted as very few staff have been in the building and priorities had shifted

COVID-19 changes that have led to a positive sustainability outcome that will continue after the pandemic

Strategically evaluating building footprint needed for agency work	✓
Reassessing agency fleet	
Holding virtual meetings as a more regular practice	✓
Increased telework as a regular practice	✓
No changes to report	
Other	

Future Planning

Status of FY20 Plans

	Progress has been made	Progress has stalled	Plans have been completed.	Stated plans no longer a priority	Other
GHG Reduction	✓				
Water Use Reduction			✓		
Waste Reduction		✓			

Sustainability Plans Beyond FY21

GHG Reduction

OPM utilizes a DAS Fleet van, this could be replaced with an EV

Water Use Reduction

Unknown

Waste Reduction

Behavioral

Resources Needed

Barriers encountered while making EO 1 progress in FY21

Funding	
Staffing	
Technical expertise	
No barriers encountered	✓
Other	

Specific type of support or resources needed to make progress on future sustainability projects

Coordinating future work as priority list of energy projects dictates