

# Sustainability Performance Plan FY 2021

**Department of Insurance**

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Approved by Andrew N. Mais  
Commissioner

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



**greenergovCT**  
A Lead by Example Initiative

# 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

## DOI's Mission

The mission of the Connecticut Insurance Department is consumer protection. The Department carries out its mission by enforcing state insurance laws to ensure policyholders are treated fairly, by providing assistance, outreach and education to help consumers make sound choices and by regulating the industry in a fair and consistent manner that fosters market competition for availability of insurance.

## FY21 Participation Overview

Participated in the subcommittee, Supplied whatever data was requested and continued our efforts from FY2020.

## Participating Agency Staff

Josh Hershman  
Ann Woznikaitis



## 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:** Eliminate usage of state vehicle

**Where:** Insurance Department - 153 Market St. Hartford

**Project type:** Behavioral - GHG - Vehicle/fleet

**Status:** Completed in FY 2021

**Benefits:** By using DAS Central Mail, we have eliminated the daily use of one state vehicle which contributes to less gas usage, less emissions, and less cost to the agency.

**Savings:** Approximately \$500/mo in vehicle lease and fuel costs

## Project 2

**What:** Set lighting to motion sensor

**Where:** Insurance Department - 153 Market St. Hartford

**Project type:** Structural - GHG - Building energy efficiency

**Status:** Progress stalled because we have to work with property management

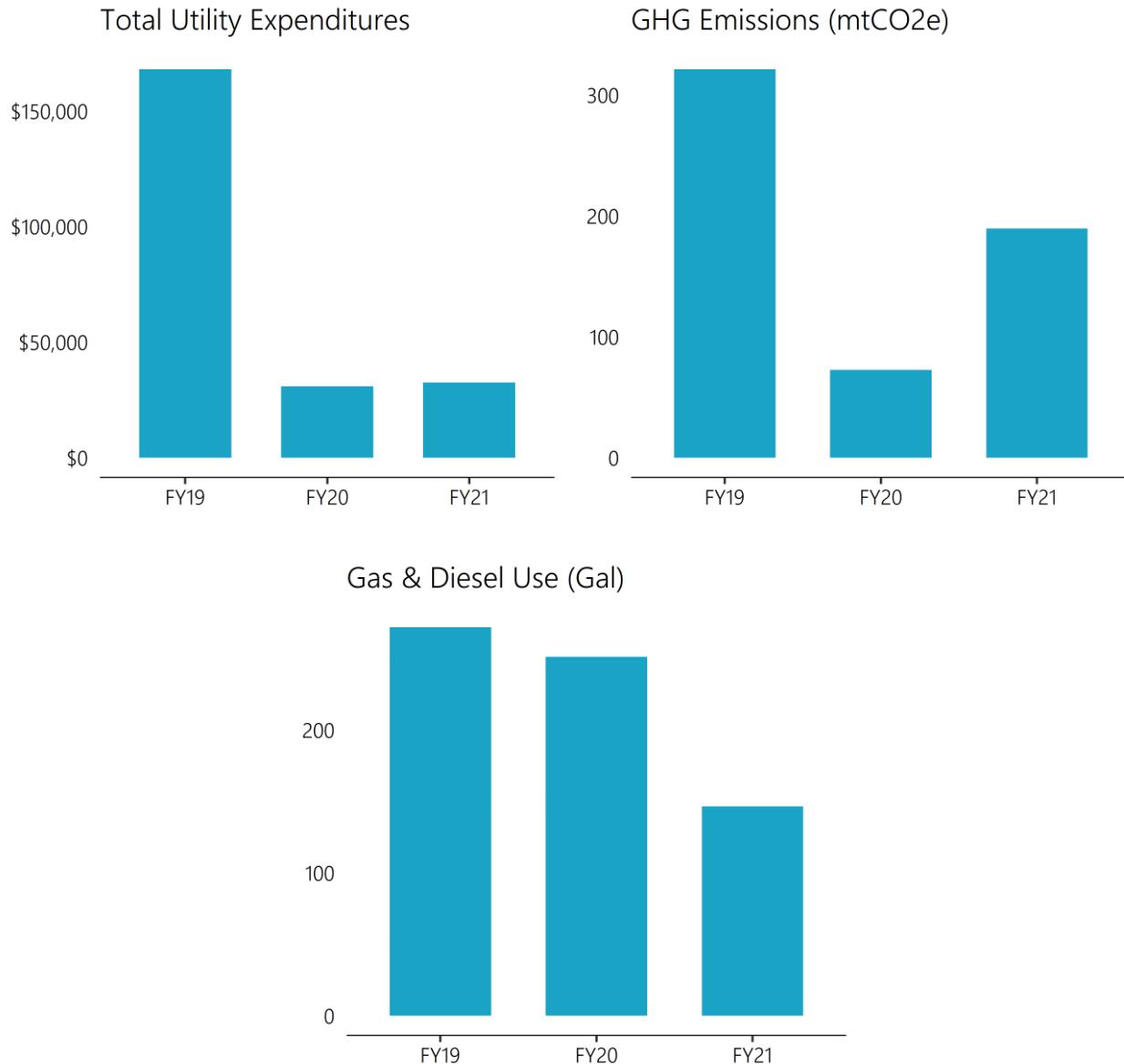
**Benefits:** Reduced electricity usage

# 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 total utility expenditures, GHG emissions, and gas/diesel use for DOI for FY19-FY21. Keep in mind that data that is missing or not yet processed in EnergyCAP may cause these numbers to be artificially low.



# Performance Data cont.

## Detailed Utility Use and Cost Data

The table below summarizes the utility use and cost data for DOI 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				FY19-21 Change
		FY19	FY20	FY21	FY19	FY20	FY21	FY19-21 Change	
Electric	kWh	1,201,010	87,875	151,271	-87.4%	\$166,719	\$27,673	\$28,631	-82.8%
Chilled Water	Ton Hr	6,991	48,780	170,747	+2 342.5%	\$670	\$2,705	\$3,607	+438.4%
Vehicle Gasoline	Gal	272	251	147	-46.1%	\$732	\$608	\$371	-49.3%
<b>Total GHG Emissions</b>	<b>mtCO2e</b>	<b>321</b>	<b>73</b>	<b>190</b>	<b>-40.9%</b>	-	-	-	-
<b>Total</b>	-	-	-	-	-	<b>\$168,121</b>	<b>\$30,986</b>	<b>\$32,609</b>	<b>-80.6%</b>

\*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.

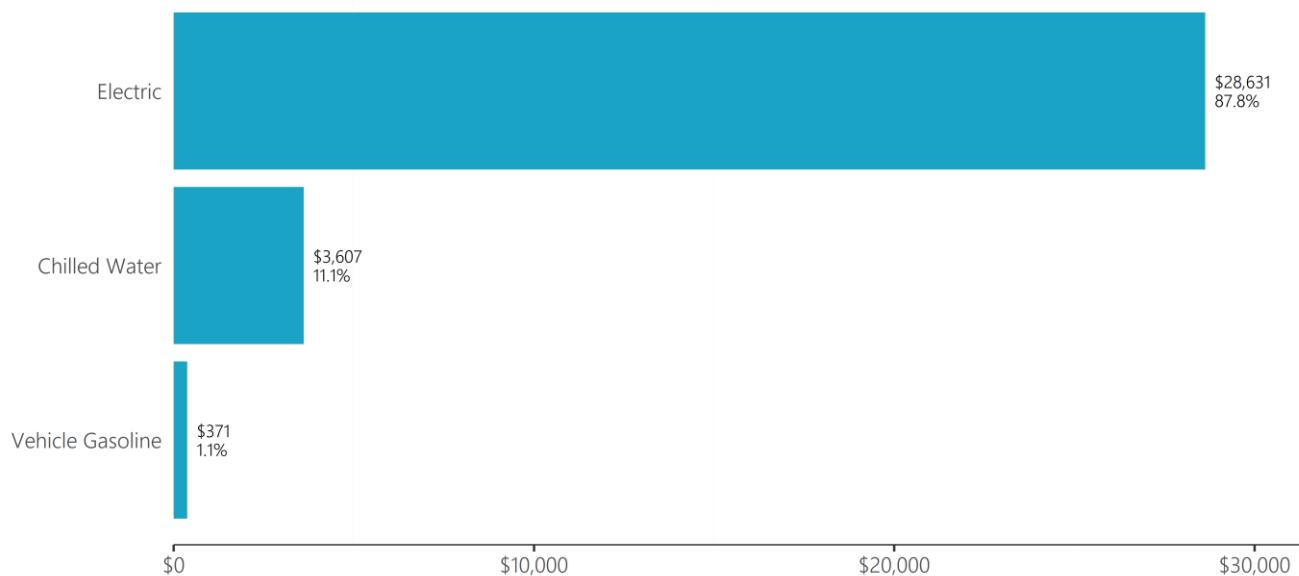
# Performance Data cont.

## FY21 Data Snapshot

The charts below highlight the breakdown of utility expenditures and GHG emissions by commodity for FY21.

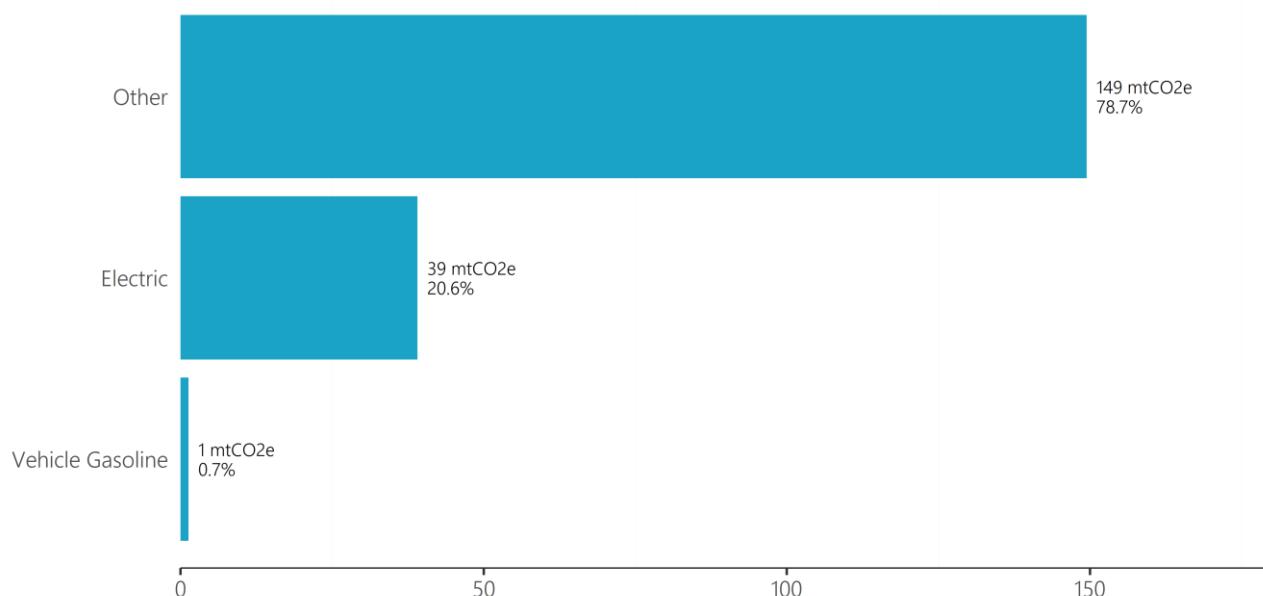
### Commodity Cost Breakdown, FY21

The chart below represents the breakdown of commodity costs at DOI in FY21.



### GHG Emissions Breakdown, FY21

The chart below represents the breakdown of GHG emissions by commodity at DOI in FY21.



# 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 DOI 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: Printers set to default to two-sided printing ✓

# COVID-19 Impact

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

COVID-19 has had a high impact on our ability to make progress. We do not yet know what our post-pandemic office usage will look like.

## 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**

We have completed the portion on the plan related to our fleet vehicle. We no longer lease a vehicle and have consolidated into DAS Central Mail. The portion on building energy has stalled due to the pandemic. We are still determining office layout post pandemic as most staff works remotely 5 days a week currently.

### **Water Use Reduction**

Still determining office layout post pandemic as most staff works remotely 5 days a week currently.

### **Waste Reduction**

Still determining office layout post pandemic as most staff works remotely 5 days a week currently.

# Resources Needed

## **Barriers encountered while making EO 1 progress in FY21**

Not working in a state owned building, we need to work with our property managers to make any significant changes related to the structure such as lighting and water fixtures.

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

Funding would be needed if the improvements to our leased office space are not covered in our rental agreement.