

State of Connecticut
FY 2020

Sustainability Performance Plan

Division of Criminal Justice

Prepared by Peter Zelez
Senior Sustainability Officer

Approved by Richard J. Colangelo, Jr.
Chief State's Attorney



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 120+ sustainability projects in FY19 in the first 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, the COVID-19 pandemic brought significant changes to the operations of state agencies as agencies responded to the crisis. The impact of the pandemic on the sustainability goals of EO 1 is not yet known, but some effects will be documented in the FY20 Sustainability Performance Plans and the GreenerGov CT Progress Report.

DCJ and EO 1

DCJ's mission

The Division of Criminal Justice is constitutionally charged with the investigation and prosecution of all criminal matters in the Superior Court. Pursuant to Article 23 of the Connecticut Constitution, the Division's mission is to contribute to the due process of criminal law and to achieve justice. Article 23, enacted by the voters in 1984, established the Division as an Executive Branch agency and transferred it from the Judicial Branch. The Chief State's Attorney, as administrative head of the agency, is responsible for planning and establishing agency policy and administering the operations and activities of the central office and over 50 prosecutor's offices throughout the state. The Division is organized into three major activity areas: investigation and prosecution, appellate and collateral litigation.

DCJ's FY20 participation overview

DCJ is a very big proponent of the GreenerGov CT initiative. However, due to the COVID Pandemic, it was difficult to move forward on a number of initiatives.

DCJ staff involvement in EO 1

Carolyn Phang

1

Sustainability Project

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 FY20

Sustainability Projects

1

Location: 300 Corporate Place, Rocky Hill, CT 06067

Project Type: Behavioral - GHG - Building energy efficiency

Description: Installation of UV lights in Five Trane HVAC Units on the roof of the building.
Completed in FY 21.

Status: In progress in FY 2020

Benefits Summary: Cleaner air circulating throughout the building.

Performance Data

The following data was pulled from EnergyCAP, the state's utility tracking software, on March 15, 2021. Note that utility data on agencies occupying space owned by another state agency may or may not be linked to their EnergyCAP accounts.

Total Utility Costs

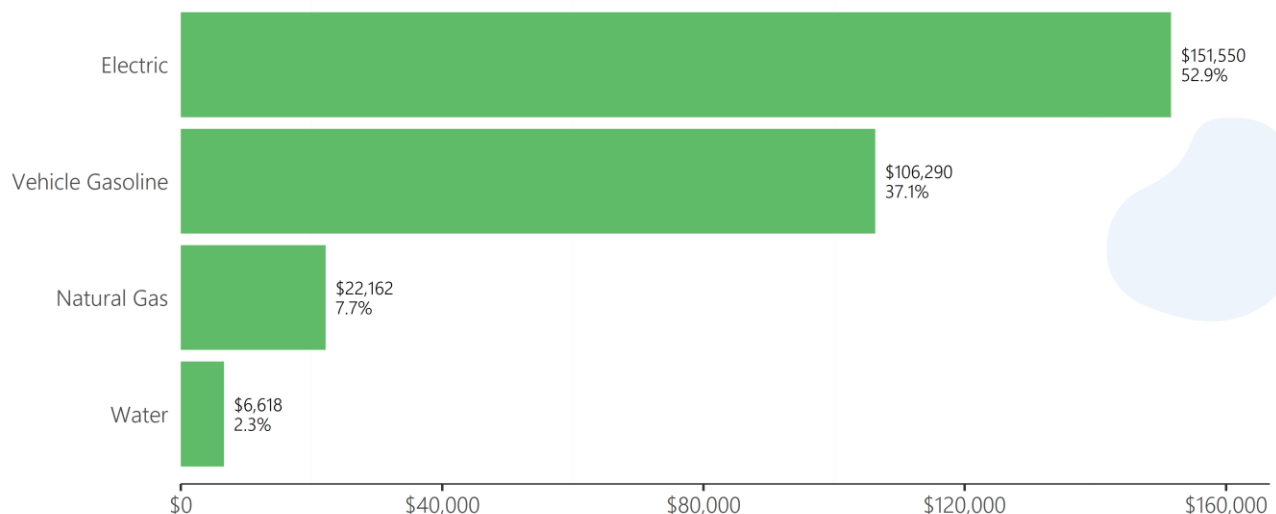
Commodity	Unit	Use			Cost		
		FY19	FY20	Change	FY19	FY20	Change
Electric & Natural Gas	MMBtu	6,293	5,886	-6.5%	\$199,974	\$173,713	-13.1%
Other Building Energy	MMBtu	-	-	-	-	-	-
Vehicle Gasoline	Gal	51,448	44,848	-12.8%	\$132,220	\$106,290	-19.6%
Vehicle Diesel	Gal	-	-	-	-	-	-
Total GHG Emissions	mtCO2e	866	778	-10.1%	-	-	-
Water	Kgal	410	531	+29.5%	\$4,860	\$6,618	+36.2%
Total	-	-	-	-	\$337,054	\$286,621	-15.0%

*Gasoline and diesel costs estimated based on average weekly cost from EIA.gov, \$2.37 for gasoline and \$2.96 for diesel in FY20 and \$2.57 for gasoline and \$3.18 for diesel in FY19.

**Other Building Energy sources include oil, propane, steam, and chilled water.

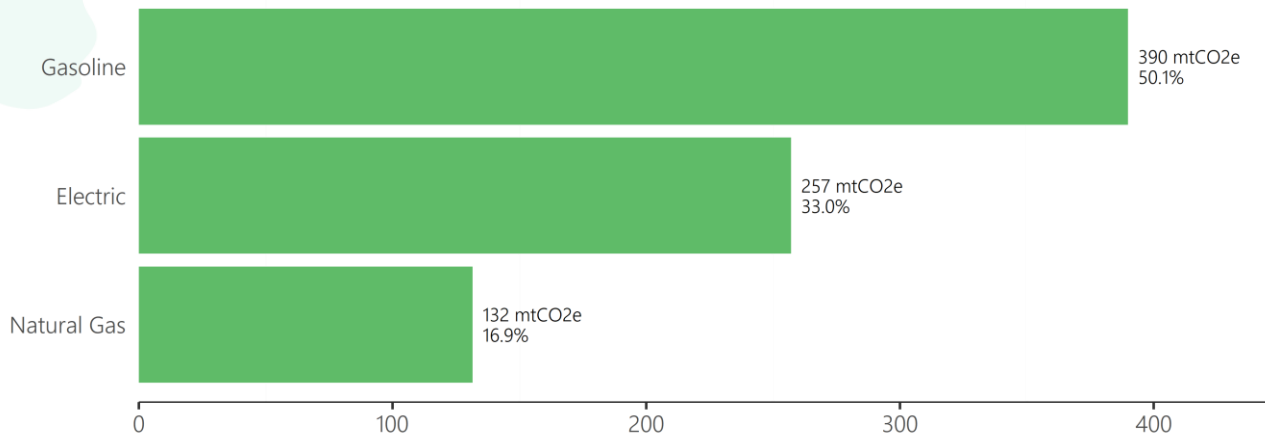
Commodity Cost Breakdown, FY20

The chart below represents the breakdown of commodity costs at DCJ in FY20.



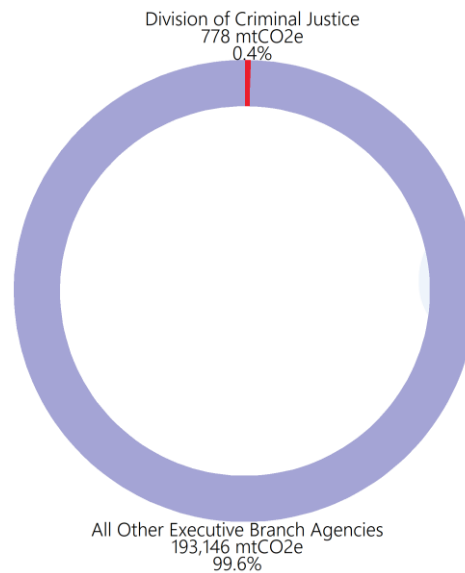
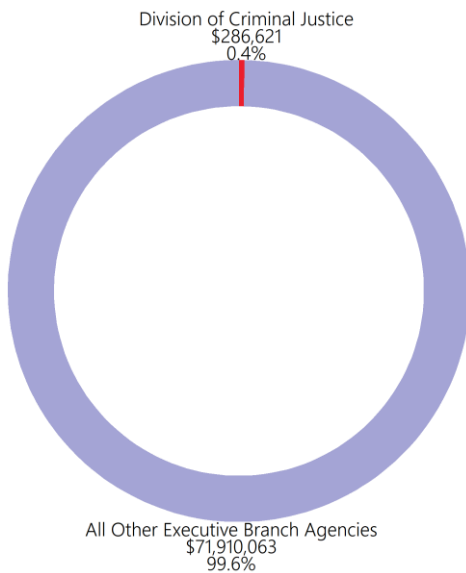
GHG Emissions Breakdown, FY20

The chart below represents the breakdown of GHG emissions by commodity at DCJ in FY20.



Share of Utility Costs and GHG Emissions

The two charts below display DCJ's proportion of the FY20 total utility cost and the total GHG emissions of all agencies participating in EO 1.



Future Planning

GHG Reduction (energy/fleet related)

Status of FY19 Plans

Progress has been made.
Progress has stalled.
Plans have been completed.
Stated plans no longer a priority.

✓ **Other: Work will be started in FY 21.**

Planned FY21 Projects

The replacement of DCJ's old, inefficient, and at times unreliable HVAC systems at 300 Corporate Place, Rocky Hill, CT will have a significant cost and energy savings for the Division/State. Bond monies have been secured, and the project is set to begin in March/April of 2021 (along with a new roof!).

Water Use Reduction

Status of FY19 Plans

Progress has been made.

✓ **Progress has stalled.**

Plans have been completed.
Stated plans no longer a priority.

Planned FY21 Projects

Installation of low flow water fixtures, aerators... at DCJ's Central Office at 300 Corporate Place, Rocky Hill, CT

Waste Reduction

Status of FY19 Plans

Progress has been made.

✓ **Progress has stalled.**

Plans have been completed.
Stated plans no longer a priority.

Planned FY21 Projects

Still in Planning Stage.

COVID-19 Impacts

Impact of COVID-19 on agency's ability to make progress on the goals of EO 1 in FY20

Tremendous Impact, with shutdowns, start ups, telecommuting, installing plexi glass barriers in a number of our offices, spending time and resources on PPE supplies and the safety of our employees.

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

Resources Needed

Barriers encountered while making EO 1 progress in FY20

✓ **Funding**

✓ **Staffing**

Technical expertise

No barriers encountered

Other

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

Additional Appropriations.