

State of Connecticut  
FY 2020

# Sustainability Performance Plan

## CT Lottery Corporation

Prepared and approved by Barbara Petano  
Senior Sustainability Officer



*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.

# CLC and EO 1

## CLC's mission

The mission of the CT Lottery Corporation is to raise revenue in an entrepreneurial manner for the State of Connecticut, consistent with the highest standards of good public policy and social responsibility, by offering products to our players that are fun and entertaining, and by ensuring the public's trust through integrity and honesty.

## CLC's FY20 participation overview

Completed all utility history requests.  
Participated in Process Improvement Team  
Submitted Sustainability Performance Plan

## CLC staff involvement in EO 1

Barbara Petano  
Joe Antonelli  
Suzanne Colley  
Nubia Morales-Florez

# 3

## 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 FY20

# Sustainability Projects

1

**Location:** 777 Brook Street Rocky Hill, CT 06067

**Project Type:** Behavioral – Combination

**Description:** Recycling awareness event and monthly rollout of reminders

**Status:** Completed in FY 2020

**Benefits Summary:** Marked increase in amount of items placed in recycling bins including paper, cardboard, glass, plastic, metal and batteries.

2

**Location:** 777 Brook Street Rocky Hill, CT 06067

**Project Type:** Structural – Combination

**Description:** Refurbish acrylic ticket dispensers and put back in use, versus throw away and replace

**Status:** Completed in FY 2020

**Benefits Summary:** In the first 9 months, we realized \$33,421 in cost savings from dispensers that were re-distributed to the field.

3

**Location:** 777 Brook Street Rocky Hill, CT 06067

**Project Type:** Structural – Waste

**Description:** All bottles/cans are returned for deposits and the money contributed to the Ct Council on Problem Gambling.

**Status:** Completed in FY 2020

**Benefits Summary:** \$500 since implementation

# 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

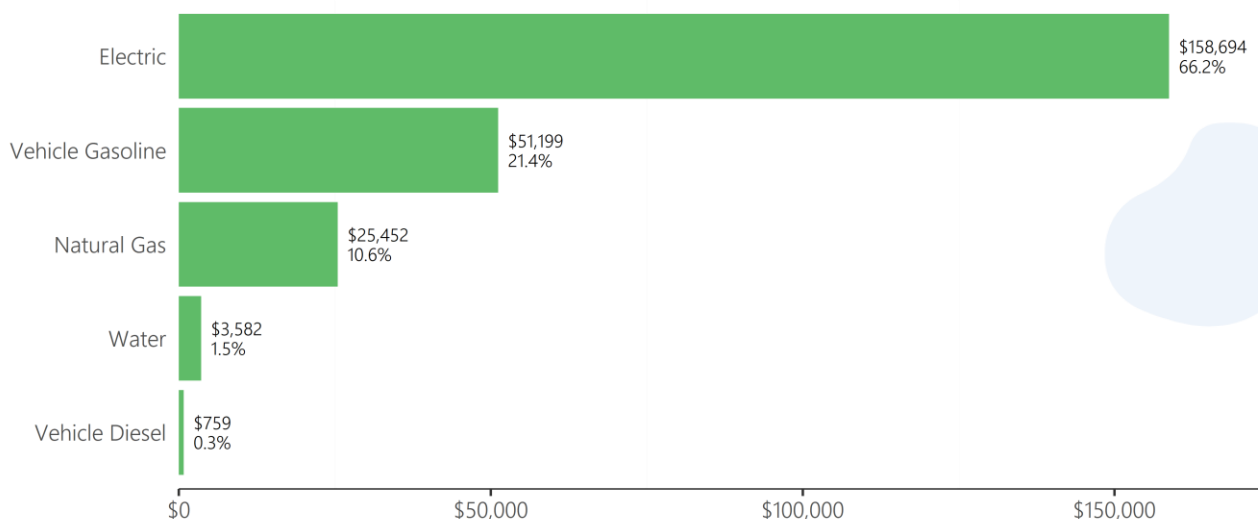
Commodity	Unit	Use			Cost		
		FY19	FY20	Change	FY19	FY20	Change
Electric & Natural Gas	MMBtu	8,222	7,310	-11.1%	\$200,969	\$184,146	-8.4%
Other Building Energy	MMBtu	-	-	-	-	-	-
Vehicle Gasoline	Gal	32,133	21,603	-32.8%	\$82,581	\$51,199	-38.0%
Vehicle Diesel	Gal	422	256	-39.3%	\$1,343	\$759	-43.5%
<b>Total GHG Emissions</b>	<b>mtCO2e</b>	<b>803</b>	<b>658</b>	<b>-18.0%</b>	-	-	-
Water	Kgal	257	238	-7.2%	\$3,443	\$3,582	+4.0%
<b>Total</b>	-	-	-	-	<b>\$288,337</b>	<b>\$239,685</b>	<b>-16.9%</b>

\*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.

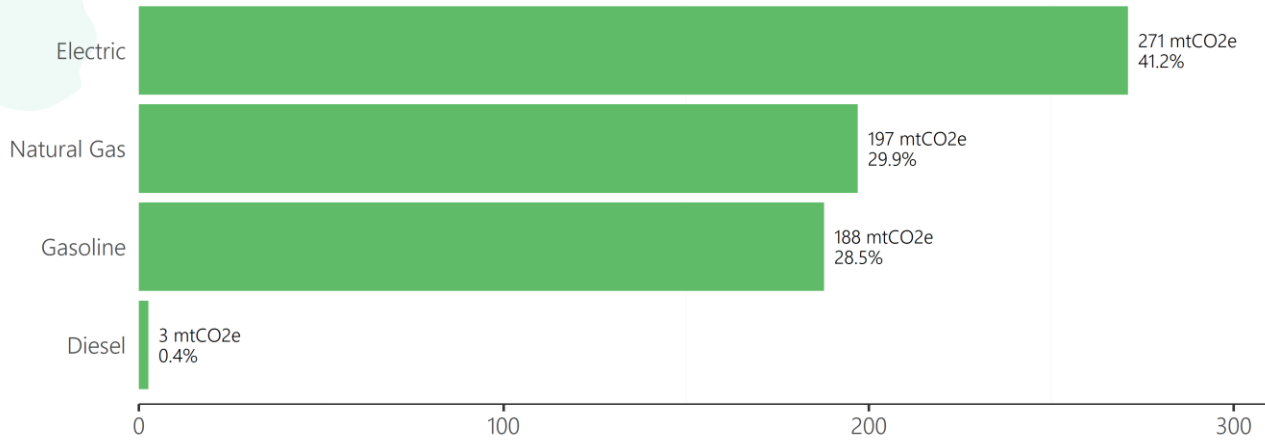
## Commodity Cost Breakdown, FY20

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



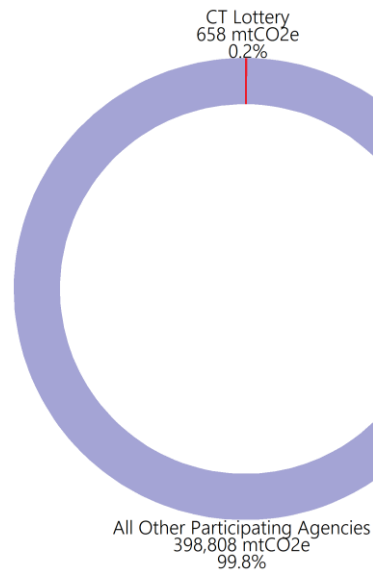
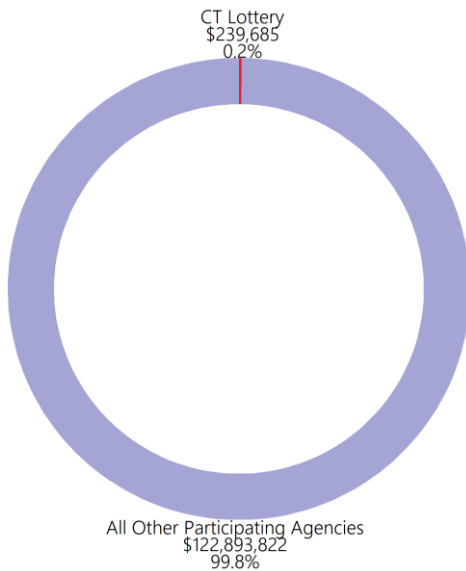
## GHG Emissions Breakdown, FY20

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



## Share of Utility Costs and GHG Emissions

The two charts below display CLC'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.

### Planned FY21 Projects

Following WaterSense recommendations for water conserving opportunities.

## 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

Researching/installing faucet aerator luminair flow devices on all faucets in the building.

## 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

We will continue monthly awareness campaign with all employees for additional opportunities, to recycle and reuse wherever possible.

# COVID-19 Impacts

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

Most employees are remote now, so cost savings could be due to less employees, not necessarily less usage per employee.

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