

# Employees Retirement System Energy Conservation Plan

July 2020

## Energy Management

Starting in Fiscal Year 2000, ERS began implementing a comprehensive set of energy conservation measures. The agency will continue to do so by implementing the following:

- Retrofitting lighting fixtures for higher efficiency
- Calibrating thermostats
- Adjusting building temperature for seasonal changes and after-hours usage

ERS continues to acquire new training for its employees in such areas as energy auditing, benchmarking, and energy management. In addition, the agency encourages efficient business practices by shutting off task lighting when not in use and limiting the use of personal appliances such as microwave ovens, space heaters and coffee pots.

## Energy Consumption

Beginning September 1, 2019, the goal is to reduce the electric consumption by at least 5% each state fiscal year for the next seven years. ERS **has met** this goal for the 3rd quarter of Fiscal Year 2020.

### Electricity Consumption in Kilowatt Hours (KWH)

	Average FY 03 - 19	Actual FY 2020	Change	Goal FY 2020
First Quarter	606,000	515,500	-14.9%	575,700
Second Quarter	472,000	403,500	-40.8%	448,400
Third Quarter	481,000	404,500	-47.6%	456,950
Fourth Quarter	609,000	0	-100.0%	578,550
<b>TOTAL</b>	<b>2,168,000</b>	<b>1,323,500</b>	<b>-39.0%</b>	<b>2,059,600</b>

### Natural Gas Consumption in 100 Cubic Feet (Ccf)

	Average FY 03 - 19	Actual FY 2020	Change	Goal FY 2020
First Quarter	5,967	2,910	-51.2%	5,669
Second Quarter	11,407	8,807	-22.8%	10,837
Third Quarter	2,635	2,092	-20.6%	2,503
Fourth Quarter	0	0	0.0%	0
<b>TOTAL</b>	<b>20,009</b>	<b>13,809</b>	<b>-31.0%</b>	<b>19,009</b>

## Fuel Consumption

ERS has reduced travel over the years by webcasting instead of traveling to make presentations. The agency will continue to analyze the demand for onsite presentations and to substitute webcasts where appropriate.

### Fuel Consumption Goal

ERS has a goal to reduce fuel consumption by 5% per year in fiscal year 2020 from the previous fiscal year.

Mileage was used as a measure to track fuel consumption. The 3rd quarter for Fiscal Year 2020 shows a 63.9% decrease from FY19.

### Mileage for ERS Vehicles

	Actual FY 2019	Actual FY 2020	Change	Goal FY 2020
First Quarter	713	505	-29.2%	699
Second Quarter	689	505	-26.7%	675
Third Quarter	557	201	-63.9%	545
Fourth Quarter	737			
TOTAL	2,696	1211	-119.8%	1,919