

# Employees Retirement System Energy Conservation Plan

October 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 4th quarter of Fiscal Year 2020.

### Electricity Consumption in Kilowatt Hours (KWH)

	Average FY 12 - 19	Actual FY 2020	Change	Goal FY 2020
First Quarter	670,563	515,500	-14.9%	637,034
Second Quarter	594,125	403,500	-14.5%	564,419
Third Quarter	669,563	404,500	-15.9%	636,084
Fourth Quarter	781,375	428,000	-29.7%	742,306
TOTAL	2,715,625	1,751,500	-35.5%	2,579,844

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

	Average FY 12 - 19	Actual FY 2020	Change	Goal FY 2020
First Quarter	2,861	2,910	1.7%	2,718
Second Quarter	12,746	8,807	-30.9%	12,109
Third Quarter	4,034	2,092	-48.1%	3,833
Fourth Quarter	270	2	0.0%	256
TOTAL	19,912	13,811	-30.6%	18,916

## 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 4th quarter for Fiscal Year 2020 shows a 97.96% decrease from FY19.

## Mileage for 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	15	-97.96%	722
TOTAL	2,696	1226	-217.7%	2,641