



# Employees Retirement System Energy Conservation Plan

October 2024

## 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 4h quarter of Fiscal Year 2024.

### Electricity Consumption in Kilowatt Hours (KWH)

	Average FY13 23	Actual FY 2024	Change	Goal FY 2024
<b>First Quarter</b>	548,150	408,500	-17.9%	520,743
<b>Second Quarter</b>	476,000	273,000	-40.5%	452,200
<b>Third Quarter</b>	528,680	368,500	-26.6%	502,246
<b>Fourth Quarter</b>	640,950	498,500	-18.1%	608,903
<b>TOTAL</b>	<b>2,193,780</b>	<b>1,548,500</b>	<b>-29.4%</b>	<b>2,084,091</b>



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

	Average FY13 23	Actual FY 2024	Change	Goal FY 2024
<b>First Quarter</b>	2,375	1,365	-39.5%	2,256
<b>Second Quarter</b>	11,318	7,628	-29.1%	10,752
<b>Third Quarter</b>	3,376	1,098	-65.8%	3,207
<b>Fourth Quarter</b>	216	3	-98.5%	205
<b>TOTAL</b>	<b>17,285</b>	<b>10,094</b>	<b>-41.6%</b>	<b>16,420</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 2024 from the previous fiscal year.

Mileage was used as a measure to track fuel consumption. The 4th quarter for Fiscal Year 2024 shows a 59% decrease from FY23. Due to the Covid-19 pandemic, our mileage was significantly lower over the past 5 quarters and we expect to see an increase in mileage in each future quarter, however, this quarter was an exception.

Mileage for ERS Vehicles				
	FY 2023	FY 2024	Change	Goal FY 2024
<b>First Quarter</b>	228	268	17.54%	217
<b>Second Quarter</b>	256	302	17.97%	243
<b>Third Quarter</b>	181	310	71.27%	172
<b>Fourth Quarter</b>	792	321	-59%	752
<b>TOTAL</b>	<b>1457</b>	<b>1201</b>	<b>-17.57%</b>	<b>1384</b>