

Employees Retirement System Energy Conservation Plan

October 2023

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 2023.

Electricity Consumption in Kilowatt Hours (KWH)				
	Average FY 13 - 22	Actual FY 2023	Change	Goal FY 2023
First Quarter	582,900	374,000	-32.5%	553,755
Second Quarter	534,667	339,500	-33.2%	507,933
Third Quarter	583,811	395,500	-28.7%	554,621
Fourth Quarter	695,389	523,500	-20.8%	660,619
TOTAL	2,396,767	713,500	-70.2%	2,276,928

Natural Gas Consumption in 100 Cubic Feet (Ccf)				
	Average FY 13 - 22	Actual FY 2023	Change	Goal FY 2023
First Quarter	2,580	1,167	-52.4%	2,451
Second Quarter	12,158	8,295	-28.2%	11,551
Third Quarter	3,714	2,727	-22.7%	3,528
Fourth Quarter	240	0	0.0%	228
TOTAL	18,692	9,462	-49.4%	17,758

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 2023 from the previous fiscal year.

Mileage was used as a measure to track fuel consumption. The 4th quarter for Fiscal Year 2023 shows a 271% increase from FY22. 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.

Mileage for ERS Vehicles				
	FY 2022	FY2023	Change	Goal FY 2023
First Quarter	82	228	178.05%	80
Second Quarter	305	256	-16.07%	299
Third Quarter	163	181	11.04%	160
Fourth Quarter	151	560	271%	148
TOTAL	701	484	-16.07%	687