

Texas Workforce Commission

Infrastructure Services Department

Quarterly Report on State Agency Energy Savings Program

As Required by Executive Order RP-49



Third Quarter
Fiscal Year 2023

Introduction

This report by the Texas Workforce Commission (TWC) fulfills a requirement for quarterly reporting on energy conservation as directed by Executive Order RP-49. Information included in this report is consistent with the goals and targets identified in the TWC 2022 Energy and Water Management Plan (“Plan”). This Plan carries out the following legislative directives:

Government Code §[447.009](#), which requires agencies to set percentage goals; Government Code §[447.010](#), which sets the target reduction of fuel usage at five percent; and Health and Safety Code §[388.005](#), which sets the target reduction of electricity usage at five percent.

This is the third quarter (Q3) report for Fiscal Year (FY) 2023. The reporting period is March 2023 through May 2023.

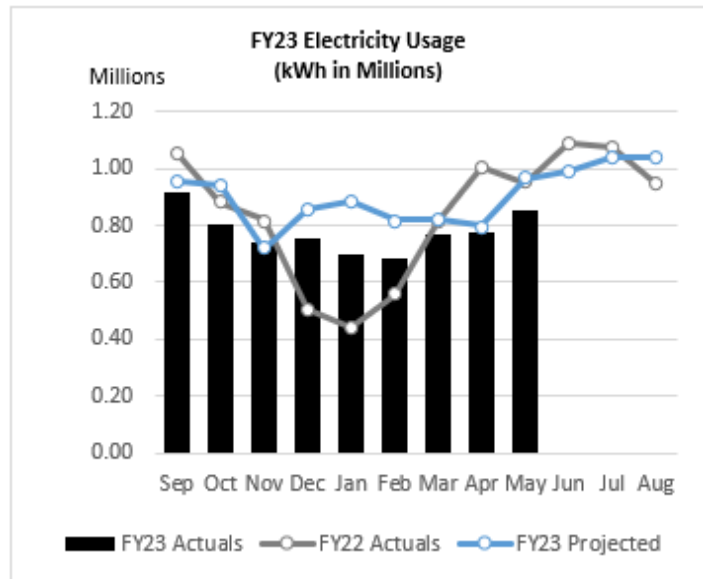
Usage Updates

The bar graphs and explanations below show electricity, natural gas, water, and fuel usage in FY23 Q3. FY23 projections are based on FY22 data and a calculation of the percentage goals identified in the Plan. Usage of electricity, gas, and water was lower than projected this quarter and in FY22 Q3. While fuel usage is lower than projected, it is higher than FY22 Q3.

Electricity Usage Update

Electricity usage was seven percent lower than projected and 13 percent less than FY22 Q3.

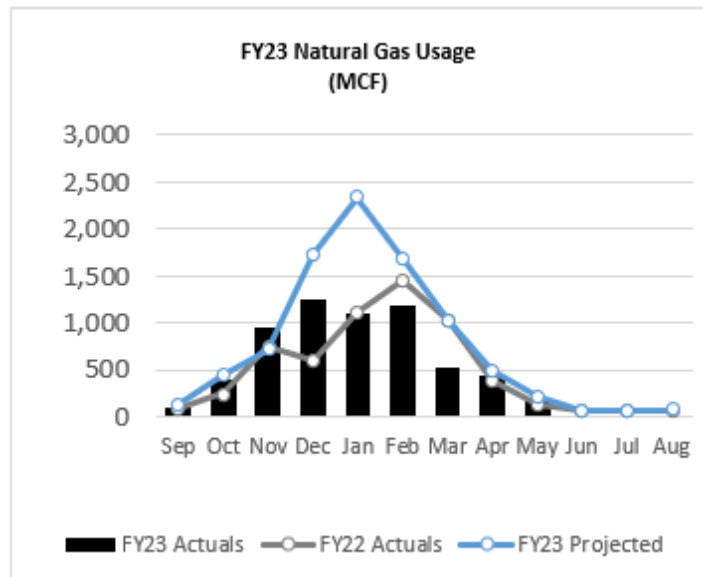
Total electricity usage was 2.40 million kilowatt-hours (kWh) in FY23 Q3 compared to 2.77 million kWh in FY22 Q3. The monthly average temperature in Austin was 65.3 degrees in April 2023 compared to 70.7 degrees in April 2022, resulting in lower electricity usage by facility cooling systems.



Natural Gas Usage Update

Natural gas usage was 23 percent lower than projected and 32 percent less than FY22 Q3.

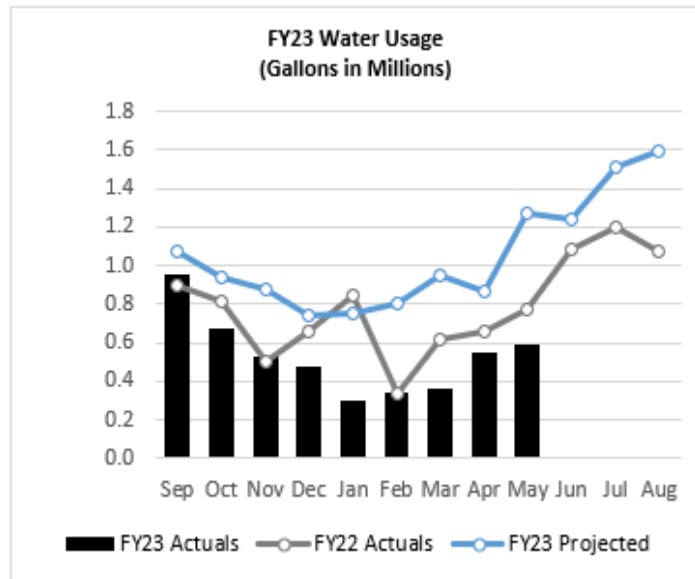
Total natural gas usage was 1,178,000 cubic feet (1,178 MCF) in FY23 Q3 compared to 1,529 MCF in FY22 Q3. The monthly average temperature in Austin was 63.5 degrees in March 2023 compared to 58.3 degrees in March 2022, resulting in lower natural gas usage by facility heating systems.



Water Usage Update

Water usage was 51 percent lower than projected and 27 percent less than FY22 Q3.

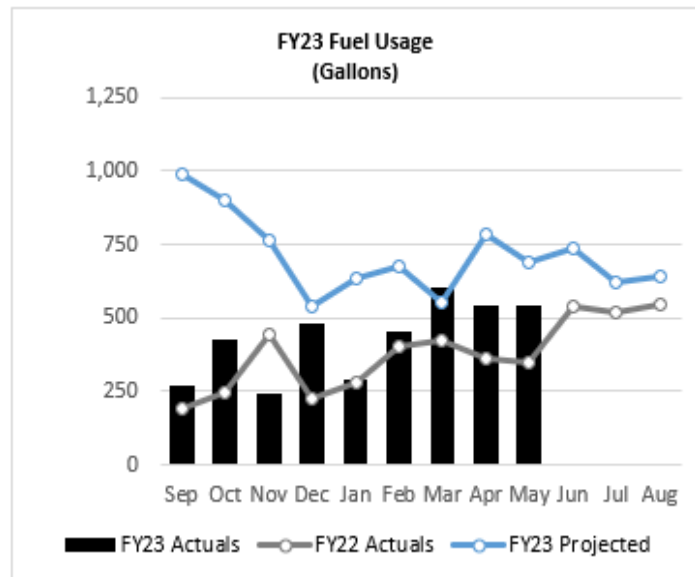
Total water usage was 1.50 million gallons in FY23 Q3 compared to 2.04 million gallons in FY22 Q3.



Fuel Usage Update

Gasoline usage was 17 percent lower than projected, but 48 percent higher than FY22 Q3.

Total fuel usage for FY23 Q3 was 1,688 gallons in FY23 Q3 compared to 1,138 gallons in FY22 Q3. In addition to local deliveries, continued increases in statewide business activities resulted in increased gasoline consumption in FY23 Q3. These activities include increased delivery demands for the Business Enterprise of Texas program, transportation needs for the student population of the Criss Cole Rehabilitation Center (CCRC), and transportation needs for six Texas Conferences for Employers.



Initiatives to Reduce Energy Consumption

The projects listed below are expected to reduce energy consumption and utility costs.

- TWC manages a fleet of 37 vehicles, of which 17 (45.9 percent) are alternative fuel capable. TWC plans to replace 15 vehicles with Alternative Fuel/Hybrid capable vehicles in FY23–25.
- McAllen Roof and HVAC/Building Management System Replacement is scheduled to be completed in FY24.
- Building Management System Network Upgrade is scheduled to be completed in FY24 (McKinney, Austin Martin Luther King Warehouse, MoPac, and Trinity buildings).
- CCRC Main Restroom Renovation project is in the planning stage with completion scheduled for FY24.
- Fort Worth 4th Floor Restroom Remodel is in the planning stage with completion scheduled for FY24.
- Austin Annex Roof Replacement is in the planning stage with completion scheduled for FY25.
- Austin Main 6th Floor HVAC upgrade is in the planning stage with completion scheduled for FY25.
- Austin MoPac Roof Replacement is in the planning stage with completion scheduled for FY25.
- Austin Trinity HVAC Replacement project is in the solicitation phase with completion tentatively scheduled for FY25.
- Fort Worth 1st Floor Restroom Remodel is in the planning stage with completion scheduled for FY25.
- Fort Worth Chiller Replacement was awarded in July 2023 with completion tentatively scheduled for FY25.
- Austin Main Window project is in the planning stage with completion scheduled for FY26.