

Texas Workforce Commission

Infrastructure Services Department

Quarterly Report on State Agency Energy Savings Program

As Required by Executive Order RP-49



Second Quarter
Fiscal Year 2024

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 2023 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 second quarter (Q2) report for Fiscal Year (FY) 2024. The reporting period is December 2023 through February 2024.

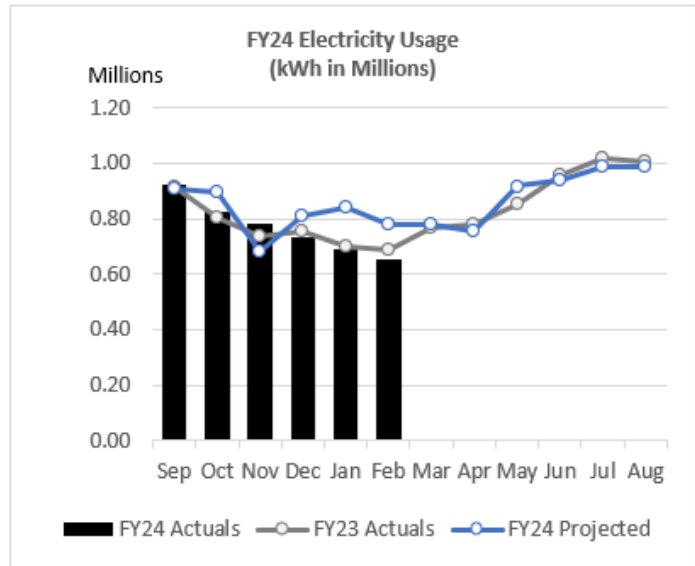
Usage Updates

The bar graphs and explanations below show electricity, natural gas, water, and fuel usage in FY24 Q2. FY24 projections are based on FY23 data and a calculation of the percentage goals identified in the Plan. Usage of electricity, natural gas, water, and fuel was lower than projected this quarter. Compared to FY23 Q2, usage of electricity was lower this quarter, while usage of natural gas, water, and fuel was higher.

Electricity Usage Update

Electricity usage was 15 percent lower than the 2.43 million kilowatt-hours (kWh) projected in FY24 Q2 and three percent lower than FY23 Q2.

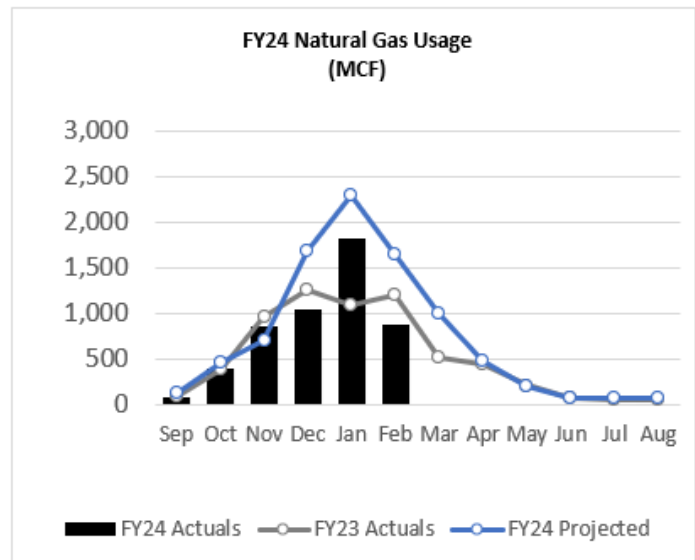
Total electricity usage was 2.07 million kWh in FY24 Q2 compared to 2.14 million kWh in FY23 Q2.



Natural Gas Usage Update

Natural gas usage was 34 percent lower than the 5.63 million cubic feet projected in FY24 Q2 but five percent higher than FY23 Q2.

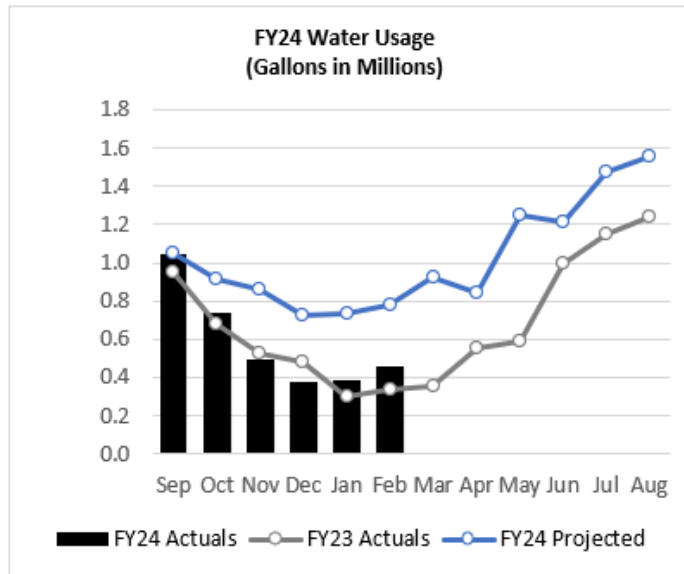
Total natural gas usage was 3.72 million cubic feet in FY24 Q2 compared to 3.54 million cubic feet in FY23 Q2. The average temperature in the Austin area in January of FY24 was 58.4 degrees Fahrenheit compared to 66.8 degrees in January of FY23, causing increased natural gas usage for facility heating.



Water Usage Update

Water usage was 46 percent lower than the 2.23 million gallons projected in FY24 Q2 but eight percent higher than FY23 Q2.

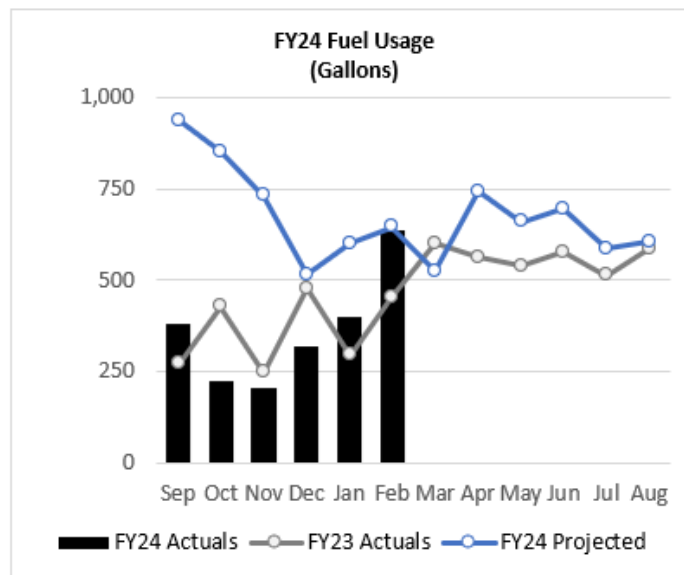
Total water usage was 1.21 million gallons in FY24 Q2 compared to 1.12 million gallons in FY23 Q2. Water usage increased due to a leak at TWC's Guadalupe facility as well as cooling tower maintenance and resumption of landscape watering following a sprinkler meter change at the Cris Cole Rehabilitation Center.



Fuel Usage Update

Fuel usage was 23 percent lower than the 1,759 gallons projected in FY24 Q2 but 11 percent higher than FY23 Q2.

Total fuel usage was 1,358 gallons in FY24 Q2 compared to 1,227 gallons in FY23 Q2. Fuel usage was lower in December of FY24 than December of FY23 due to a decrease in business demand for travel and deliveries by multiple departments. However, fuel usage increased again in January and February of FY24 due to business demand.



Initiatives to Reduce Energy Consumption

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

- TWC manages a fleet of 38 vehicles, of which 16 (42.1 percent) are alternative fuel capable. TWC plans to replace 18 vehicles in FY24–25, with a goal of having 21 (55 percent) alternative fuel and 17 unleaded vehicles.
- CCRC Kitchen Ventilation has been completed.
- CCRC Envelope Repairs and ADA Upgrades is in the construction phase with completion scheduled for FY24.
- CCRC Main Restroom Renovation is in the construction phase with completion tentatively scheduled for FY24.
- Fort Worth 4th Floor Restroom Renovation is in the construction phase with completion tentatively scheduled for FY24.
- Fort Worth Chiller Replacement is in the construction phase with completion scheduled for FY24.
- Austin MoPac Roof Replacement is in the solicitation phase with completion tentatively scheduled for FY25.
- Austin Trinity HVAC Replacement is in the construction phase with completion scheduled for FY25.
- Fort Worth 1st Floor Restroom Remodel is in the planning phase with completion tentatively scheduled for FY25.
- Austin Annex Roof Replacement is in the planning phase with completion tentatively scheduled for FY26.
- Austin Main 6th Floor ADA Restroom Renovation is in the solicitation phase with completion tentatively scheduled for FY26.
- Austin Main 6th Floor HVAC Upgrade is in the solicitation phase with completion tentatively scheduled for FY26.
- Austin Main Window/Glazing is in the design phase, with construction budget pushed to the FY26–27 Legislature Appropriations Request.