

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 2021

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 2021 Energy and Water Management Plan (“Plan”). This Plan carries out the following legislative directives: Government Code §447.009, which generally 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 FY21. The reporting period is December 2020 through February 2021. The impact of most staff teleworking during the COVID-19 pandemic, coupled with the winter storm in February resulted in increased usage of natural gas in FY21 Q2.

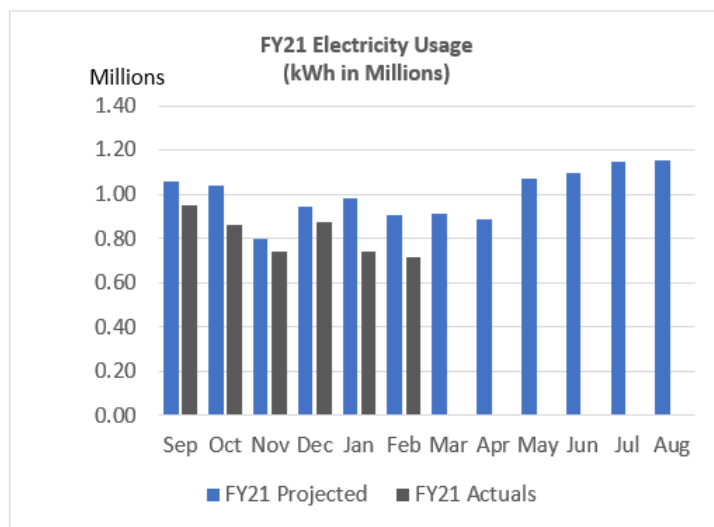
Usage Updates

The next four bar graphs show electricity, natural gas, water, and fuel usage in Q2. FY21 projections are based on FY20 usage.

Electricity Usage Update

Electricity usage was lower than projected for all three months in Q2. Although most staff continued to telework during the COVID-19 pandemic, electricity usage was necessary due to staffing of tele-centers and skeletal staffing in office buildings.

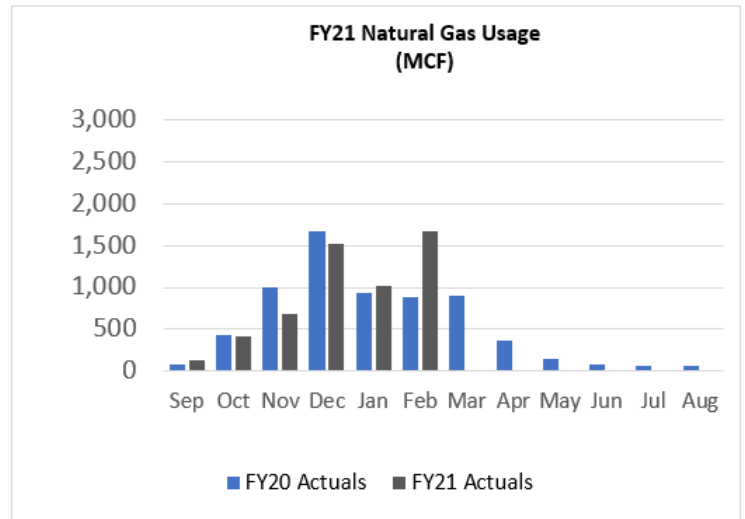
In FY21 Q2, the total electrical usage was 2.33 million kilowatt-hours (kWh) compared to 2.60 million kWh in FY20 Q2. This represents a 10 percent decrease in usage from FY20 Q2.



Natural Gas Usage Update

Natural gas usage was higher in Q2 due to the colder weather. The historic winter storm in February resulted in the increase. Natural gas usage was necessary due to staffing of tele-centers and skeletal staffing in office buildings.

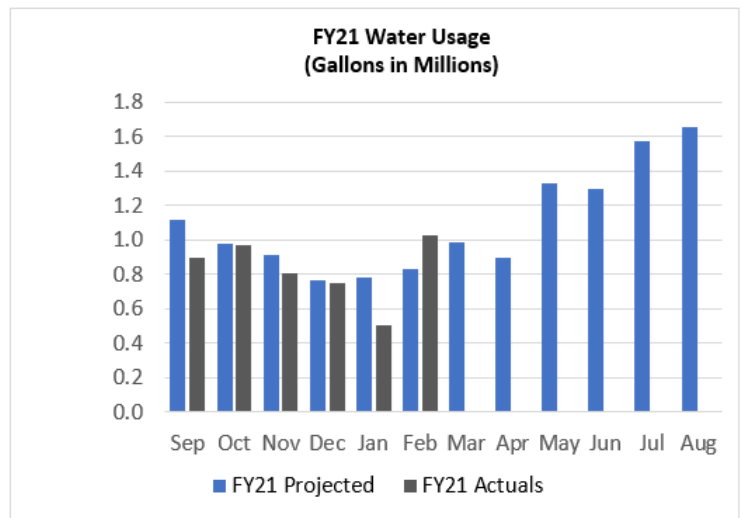
In FY21 Q2, the total natural gas usage was 4,214,000 cubic feet (4,214 MCF) compared to 3,479 MCF in FY20 Q2. This represents a 21 percent increase in usage from FY20 Q2.



Water Usage Update

Water usage was higher in Q2 than projected due to burst pipes in two locations that have since been repaired. Water usage was necessary due to staffing of tele-centers and skeletal staffing in office buildings.

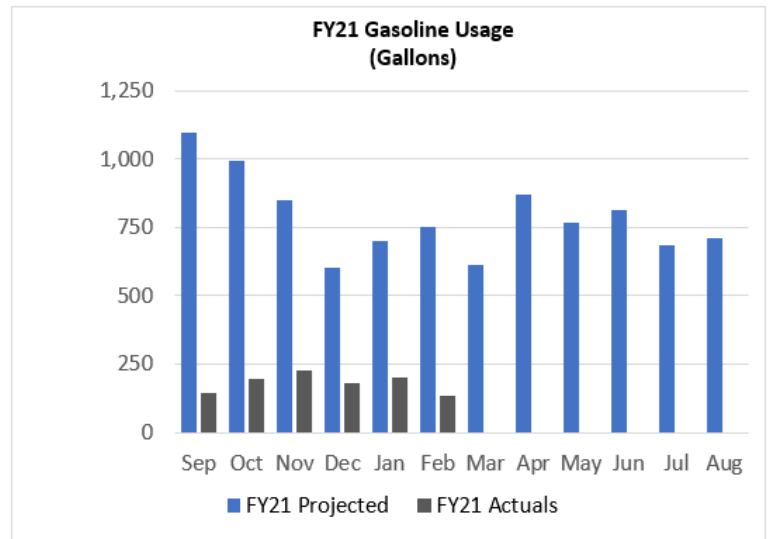
In FY21 Q2, the total water usage was 2.28 million gallons compared to 2.49 million gallons in FY20 Q2. This represents an 8 percent decrease in usage from FY20 Q2.



Fuel Usage Update

In FY21 Q2, the total fuel usage was 518 gallons compared to 1,724 gallons in FY20. This represents a 70 percent decrease in usage from FY20 Q2. Fuel usage was lower than projected for all three months in Q2 due to restricted travel and staff teleworking during the COVID-19 pandemic.

TWC maintains a fleet of 37 vehicles, of which 21 (57%) are alternative fuel capable. As fleet vehicles age, TWC will replace them with vehicles that are alternative fuel capable.



Initiatives to Reduce Energy Consumption

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

- Replace the windows at the Austin Annex building. Status: In progress.
- Replace the cooling tower at the Austin Annex building. Status: In progress.
- Upgrade the Building Management System for the Austin Main building. Status: In progress.
- Replace the walk-in cooler/freezer at the Criss Cole Rehabilitation Center. Status: Completed.