

# Texas Workforce Commission

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## *Infrastructure Services Department*

*Quarterly Report on State Agency Energy Savings Program*

*As Required by Executive Order RP-49*



Fourth Quarter  
Fiscal Year 2020

## Introduction

This report by the Texas Workforce Commission (TWC) fulfills a legislative requirement for reporting updates on energy conservation as provided in Executive Order RP-49, Government Code §447.009, and Health and Safety Code §388.005.

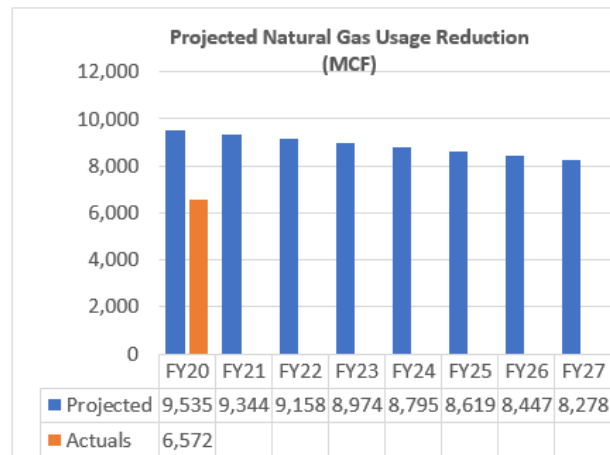
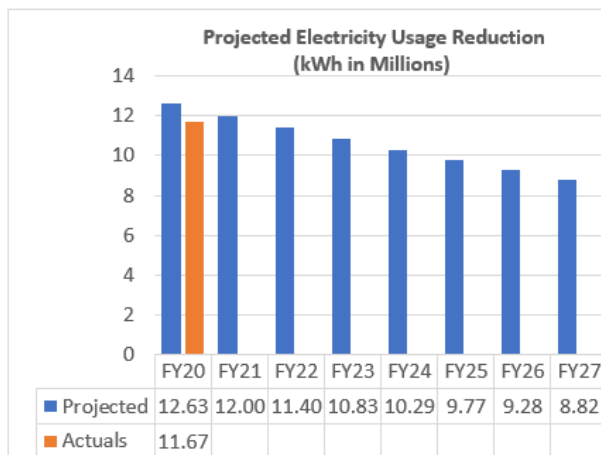
Information included in this report is consistent with the goals identified in the 2020 Energy and Water Management Plan (“Plan”) for reducing electricity and gasoline by five percent, and natural gas and water by two percent, each fiscal year (FY) by target year FY27.

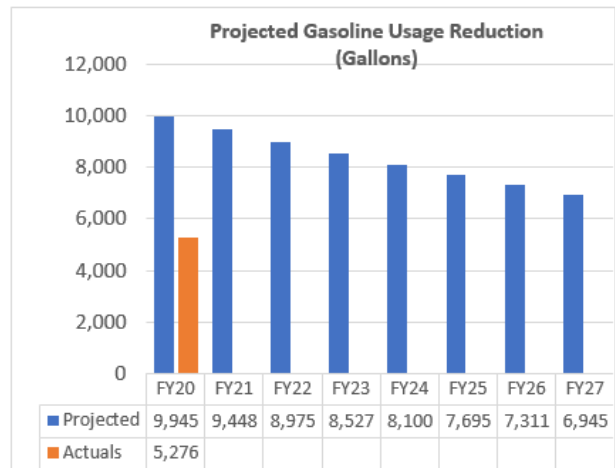
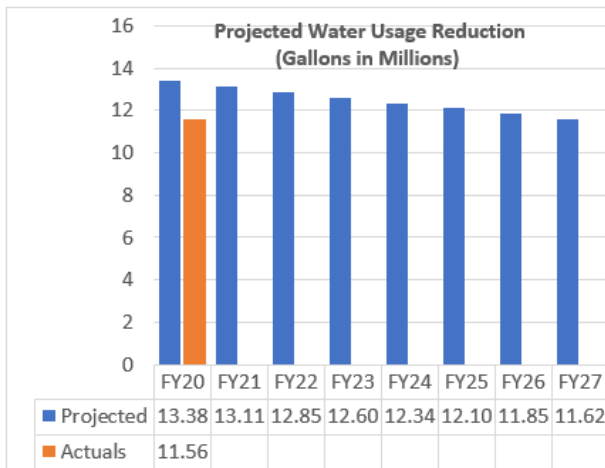
This is the fourth quarter (Q4) report for FY20. The reporting period is June through August 2020.

In addition, this report includes an Appendix: Utility and Fuel Usage Comparison – FY19 and FY20, which provides a month-to-month comparison of utility consumption. The impact of most staff teleworking during the COVID-19 pandemic, coupled with TWC’s ongoing conservation efforts, resulted in decreased usage in FY20.

## Long-Term Goals & Progress

The following four bar graphs show projections based on goals established in the 2020 Plan. Since this is the last update to the FY20 Plan, TWC added the total usage for the year to compare to the projected usage. The usage for each utility type was lower than projected. TWC continues efforts to meet established targets by FY27.



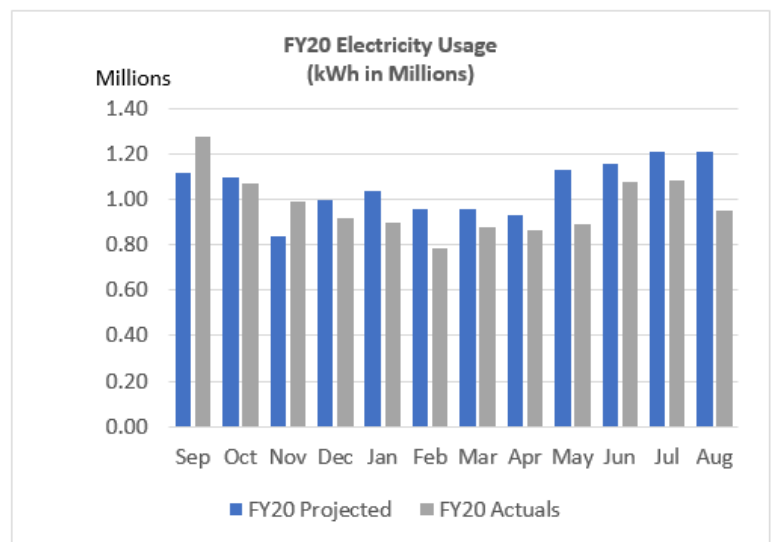


## Usage Updates

The next three bar graphs show electricity, natural gas, and water usage in Q4. FY20 projections are based on FY19 usage.

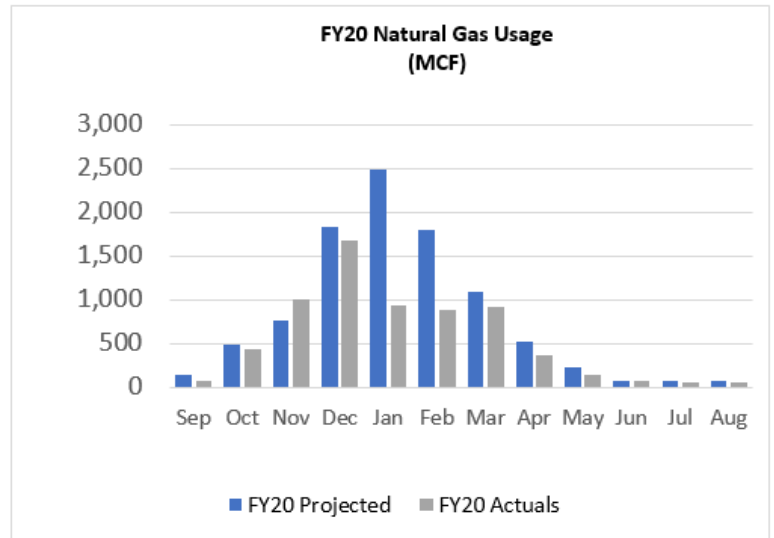
### Electricity Usage Update

Electricity usage was lower than projected for all three months in Q4 due to most staff teleworking during the COVID-19 pandemic; however, significant electricity usage was necessary due to staffing of tele-centers and skeletal staffing in office buildings.



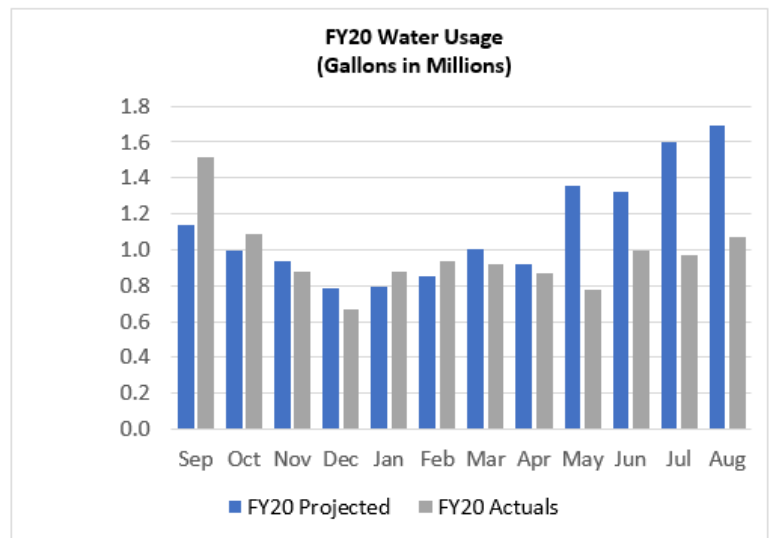
### Natural Gas Usage Update

Natural gas usage was minimal due to the lack of heating needs in the summer and staff teleworking during the COVID-19 pandemic.



### Water Usage Update

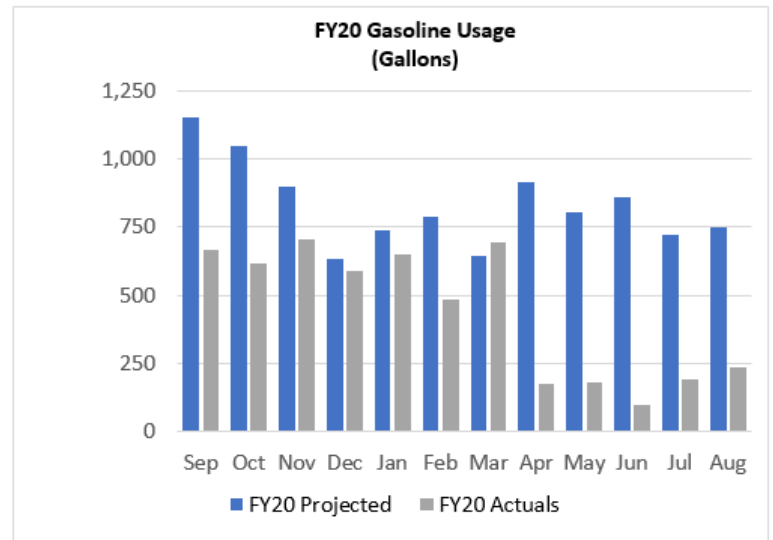
Water usage was lower than projected for all three months in Q4 due to most staff teleworking during the COVID-19 pandemic; however, significant water usage was necessary due to staffing of tele-centers and skeletal staffing in office buildings.



## Gasoline Usage Update

Gasoline usage was lower than projected for all three months in Q4 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.



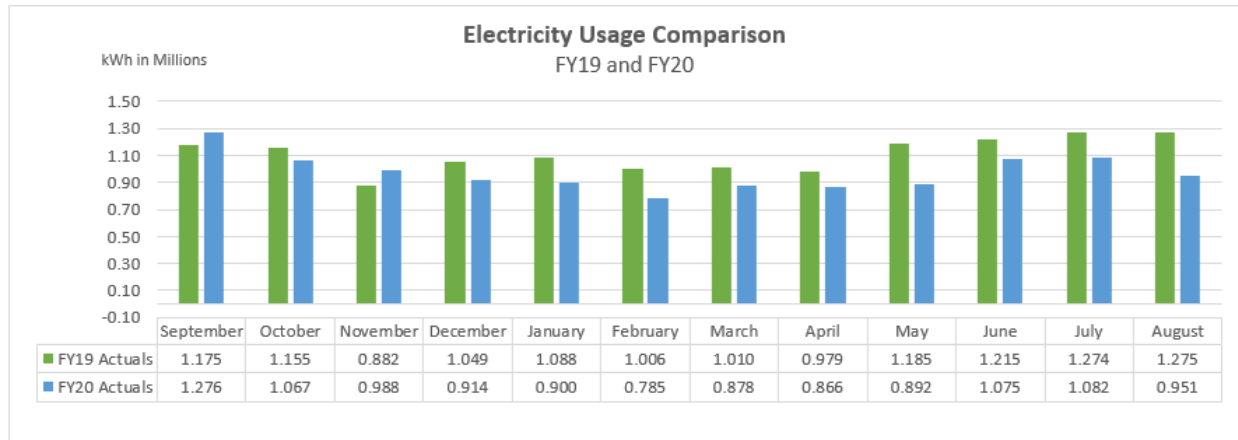
## Initiatives to Reduce Energy Consumption

The following projects were in progress during Q4 FY20.

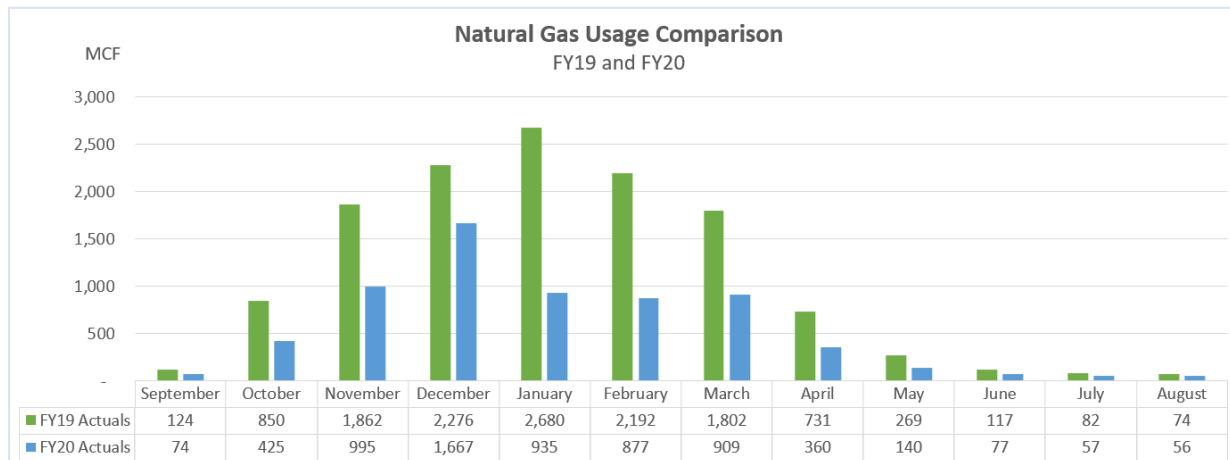
1. Austin Main Window/Glazing Replacement: To replace existing windows and sealant in the Main Building, resulting in reduced utility costs. **Status:** Project postponed until FY22.
2. CCRC Walk-in Cooler/Freezer Replacement: To replace two large and two small refrigerator/freezer coolers, possibly reducing utility costs. **Status:** Project in progress.

## Appendix: Utility and Fuel Usage Comparison – FY19 and FY20

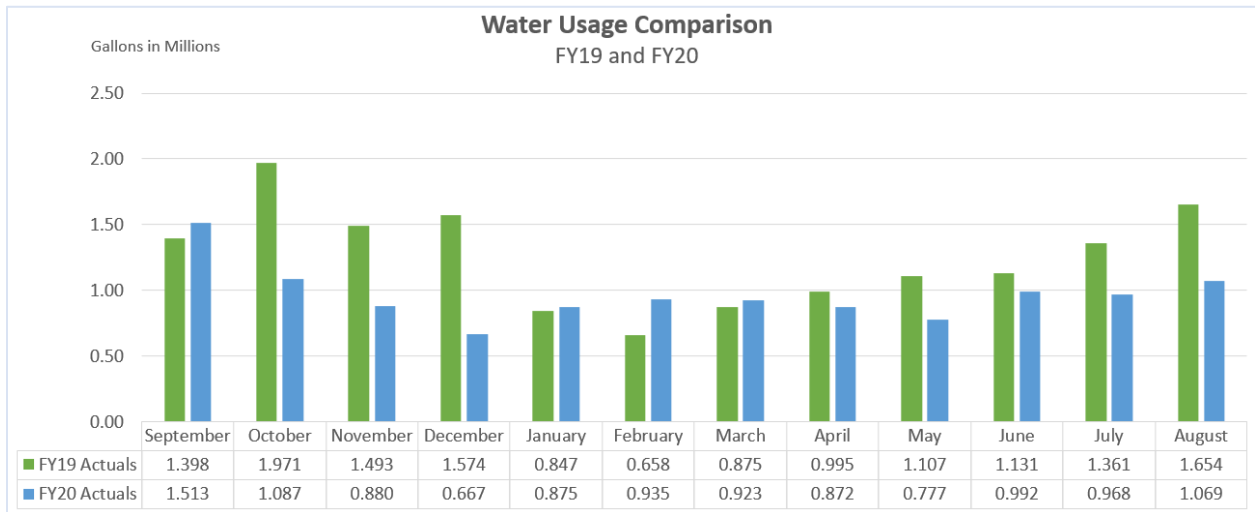
In FY20, the total electrical usage was 11.674 million kilowatt-hours (kWh) compared to 13.294 million kWh in FY19. This represents a 12 percent decrease in usage from FY19. Usage in FY20 was 8 percent lower than projected.



In FY20, the total natural gas usage was 6,572 one thousand cubic feet (MCF) compared to 13,058 MCF in FY19. This represents a 50 percent decrease in usage from FY19. Usage in FY20 was 32 percent lower than projected.



In FY20, the total water usage was 11.559 million gallons compared to 15.064 million gallons in FY19. This represents a 23 percent decrease in usage from FY19. Usage in FY20 was 14 percent lower than projected.



In FY20, the total gasoline usage was 5,276 gallons compared to 8,272 gallons in FY19. This represents a 36 percent decrease in usage from FY19. Usage in FY20 was 47 percent lower than projected.

