

Texas Workforce Commission (TWC)
Update to State Agency Energy Savings Plan

January 2015

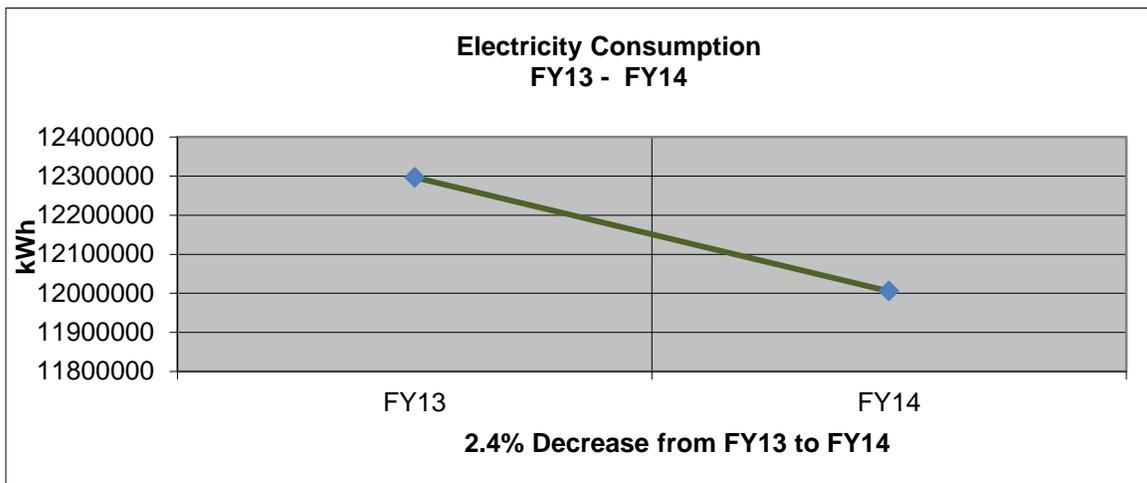
A. TWC Energy Consumption Update

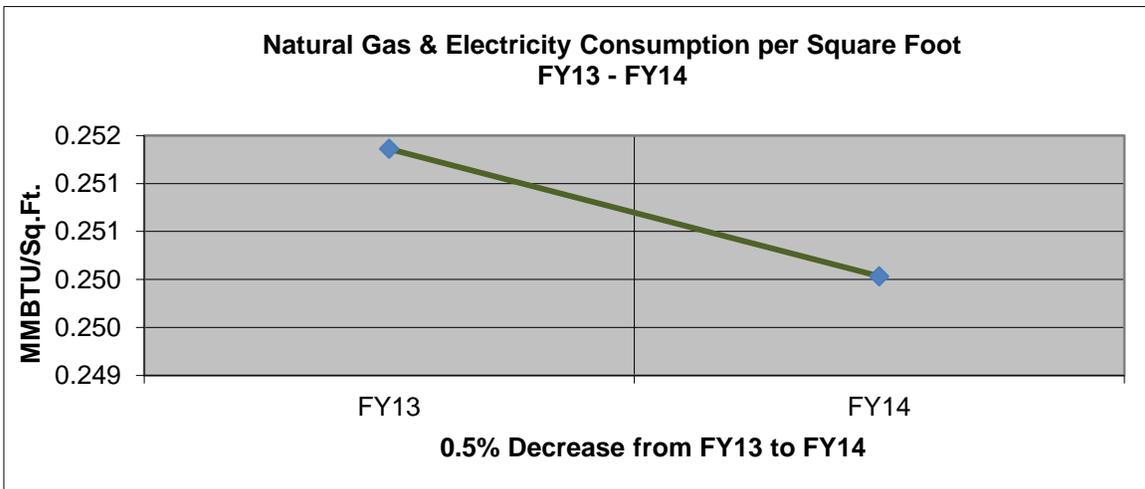
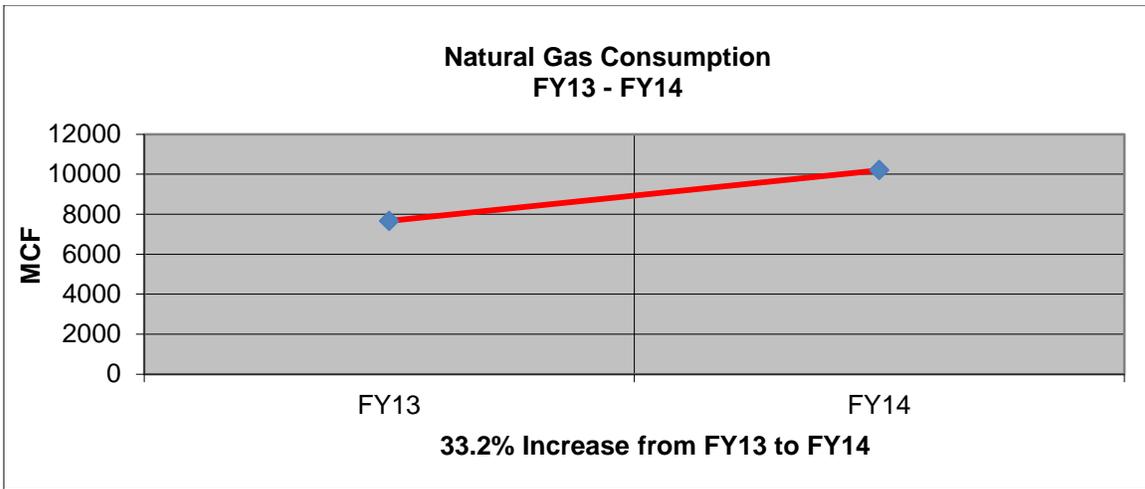
In compliance with Senate Bill 898 passed in 2011 by the 82nd Texas Legislative session, the Texas Workforce Commission has established a goal to reduce electric consumption by 5% per year for ten years effective September 1, 2011. Pursuant to Executive Order RP49 established October 27, 2005, TWC will continue its goal to reduce natural gas energy consumption (reported as MMBTUs/sq. ft.) by at least 2% per year.

B. Electricity and Natural Gas – FY14 Results

TWC did see a decrease of 2.4% electric consumption, an increase of 33.2% in natural gas consumption and **a decrease of 0.5 % overall energy consumption** for FY14 when compared to FY13.

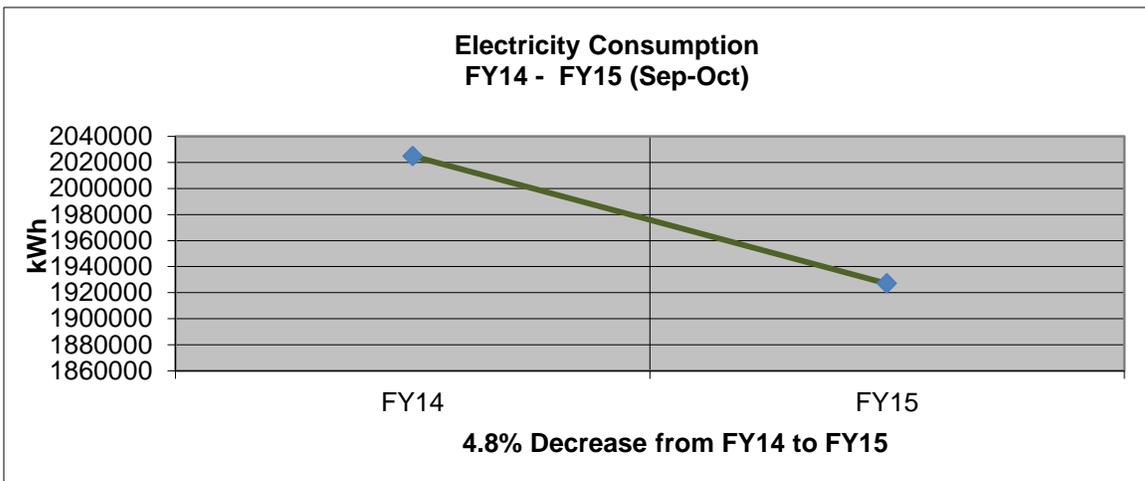
The gas consumption increase was due to a cooler than normal winter across Texas. However, TWC’s overall energy consumption has declined again this year even after multiple years of energy usage decreases.

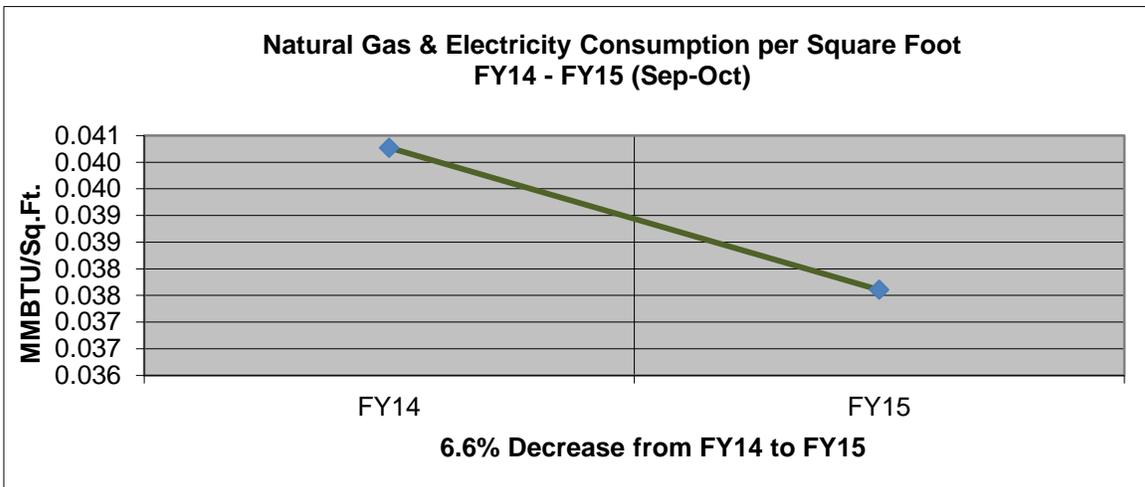
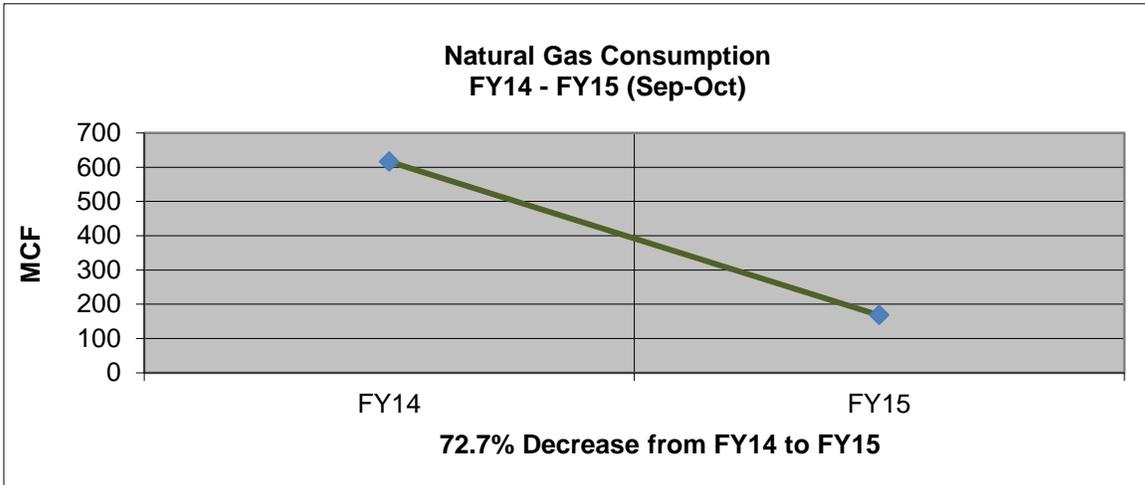




FY15 Update

TWC did see a decrease of 4.8% electric consumption, an increase of 72.7% in natural gas consumption and a **decrease of 6.6 % overall energy consumption** for September through October of FY15, when compared to the same period of FY14.





Vehicle Fleet Fuel Usage - FY 15 Update

TWC's overall fuel usage **increased by 4.8 %** for September through October of FY15, when compared to the same period of FY14.

C. FY14 TWC Completed Initiatives to Enhance Energy Conservation

- **Austin Annex Computer Room Replacement-** TWC replaced the 10-ton Liebert unit with a new 15-ton unit. **This project was completed in January 2014.**
- **McKinney HVAC Replacement:** TWC recently had a new gas service installed at the McKinney office. Four new Lennox roof top units were installed with gas heat. Each unit has a seer rating of 20. These units serve over 4,400 of office space. **This project was completed in February 2014.**

D. FY14 and 15 TWC Active Initiatives to Enhance Energy Conservation

- **Austin Annex Chiller Replacement**: This project will replace chillers and pumps, install VFD's for pumps. We will also install digital controls for chillers, pumps and VFD's.

E. Additional ideas/actions the agency has for reducing energy expenditures

- Activate power management policies that turn off or reduce use of networked assets based on business hours and periods of low use.
- Increase telecommuting options where feasible.
- Turn off lights in unused offices, conference rooms, hallways, etc. where feasible at peak hours of the day especially during triple-digit heat days.

F. Additional ideas/actions to minimize fuel usage of all vehicles

- Replacing all agency vehicles with hybrid electric/gasoline vehicles or motorized carts to perform facility services. This is done as we refresh vehicles.