

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

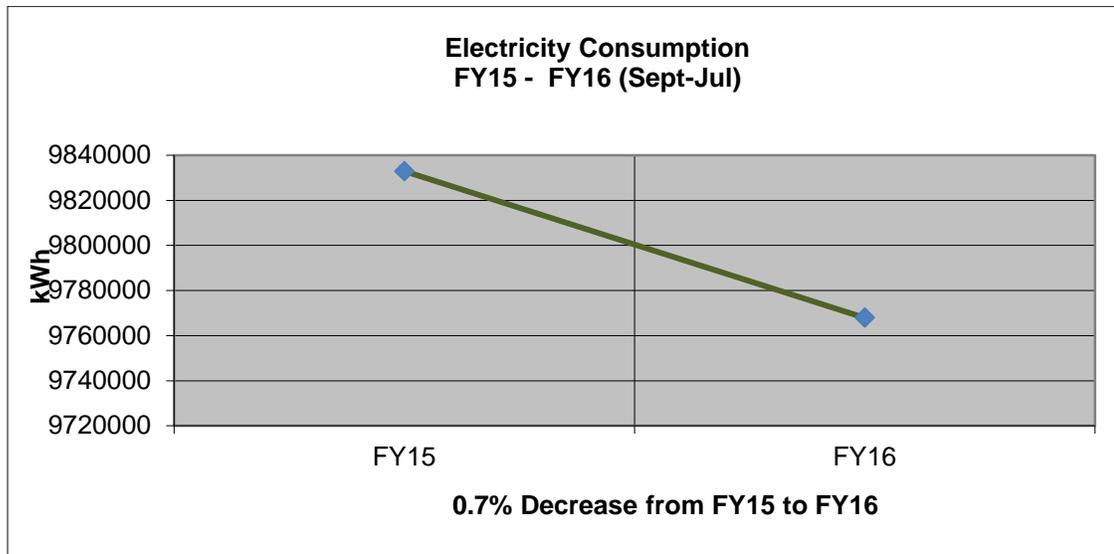
October 1, 2016

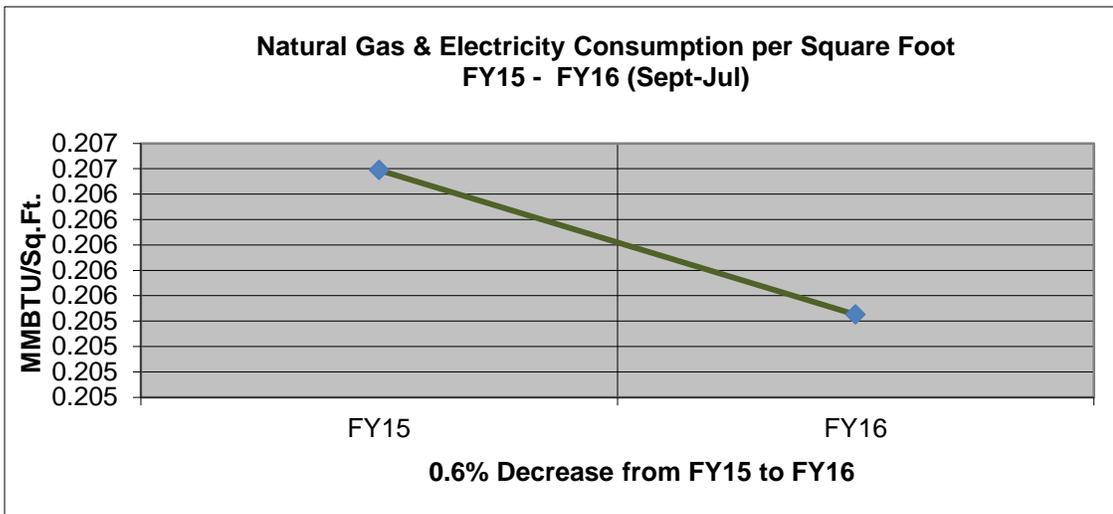
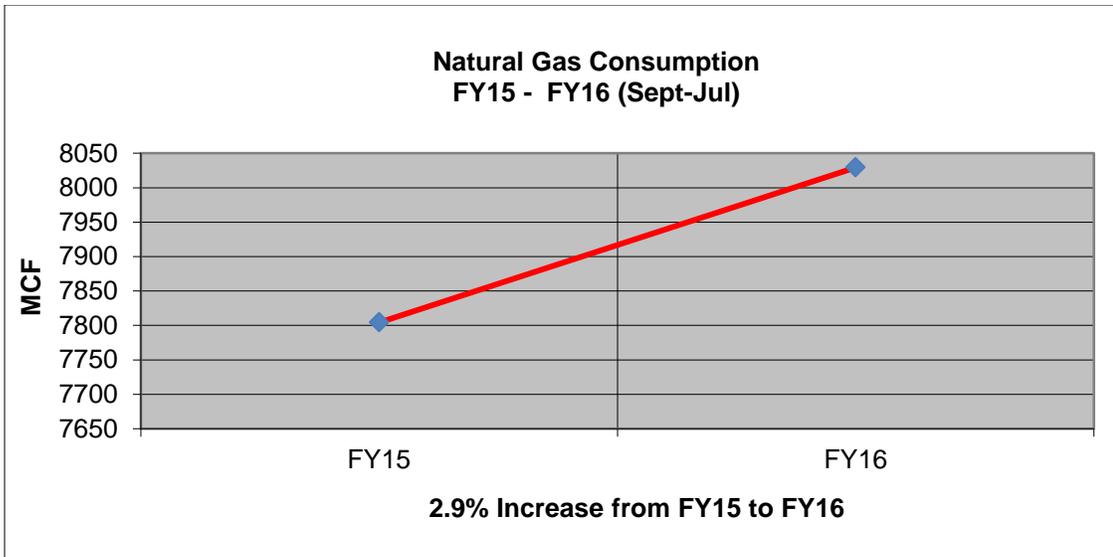
A. TWC Energy Consumption

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 electricity and natural gas energy consumption (reported as MMBTUs/sq. ft.) by at least 2% per year.

B. Electricity and Natural Gas FY 16 update

TWC did see a decrease of 0.7% electric consumption, an increase of 2.9% in natural gas consumption and a **decrease of 0.4% overall energy consumption per square foot** for FY16 September through July when compared to the same period of FY15.





C. FY 16 Vehicle Fleet Fuel Usage Update

TWC's overall fuel usage increased 19% for FY16, when compared to FY15. The increase in usage was due to an increase in out-of-town trips for business conferences and child care conferences.

D. FY15 and FY16 TWC Active Initiatives to Enhance Energy Conservation

- 1. Trinity Parking Garage LED Lighting Upgrade:** This project will replace & provide new motion controlled LED lighting, with a possible energy rebate.

2. **Guadalupe Building Renovations:** This project will provide new motion controlled LED lighting, digital HVAC controls, insulated exterior walls and improved quality of exterior windows, eligible for possible energy rebate.
3. **Trinity Building Window Tint:** This project will remove existing solar screens, clean windows and install window film to interior side of windows, eligible for possible energy rebate.

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

1. Activate power management policies that turn off or reduce use of networked assets based on business hours and periods of low use.
2. Increase telecommuting options where feasible.
3. Turn off lights in unused offices, conference rooms, hallways, etc. where feasible at peak hours of the day especially during triple-digit heat days.
4. Utilize/incorporate a paperless initiative where feasible.
5. Initialize a new Utility Awareness Campaign

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

As agency vehicles age and need to be replaced, they will be replaced with hybrid electric/gasoline vehicles or motorized carts to perform facility services.

G. Agency Transition

Beginning September 1, 2016, a large part of the Department of Aging and Rehabilitative Services (DARS) was transitioned into TWC. This increased TWC by 1,800+ employees, 60+ buildings, and large numbers of equipment including vehicles. Because of this, TWC's overall energy usage will see a large increase in FY2017. As we develop and implement the new agency Energy and Water Management Plan, we will use FY2017 as our base year to measure against future energy, water, and gasoline consumption.