

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

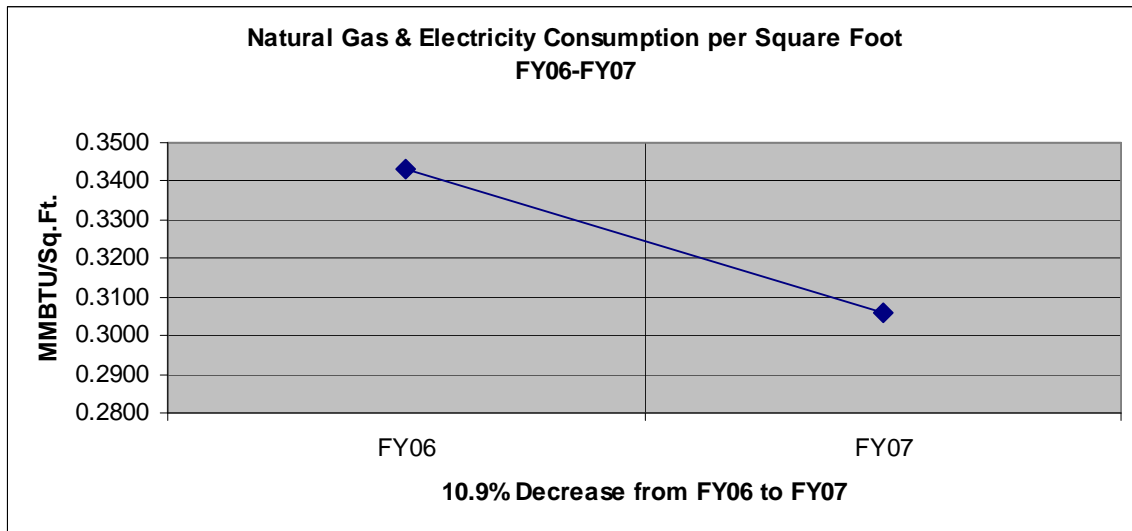
January 2008

A. TWC Energy Consumption Update

With Executive Order RP49, TWC established a goal to reduce electric and natural gas energy consumption (reported as MMBTUs/sq. ft.) by **2%** per year for 5 years.

Electricity and Natural Gas – FY07 Results

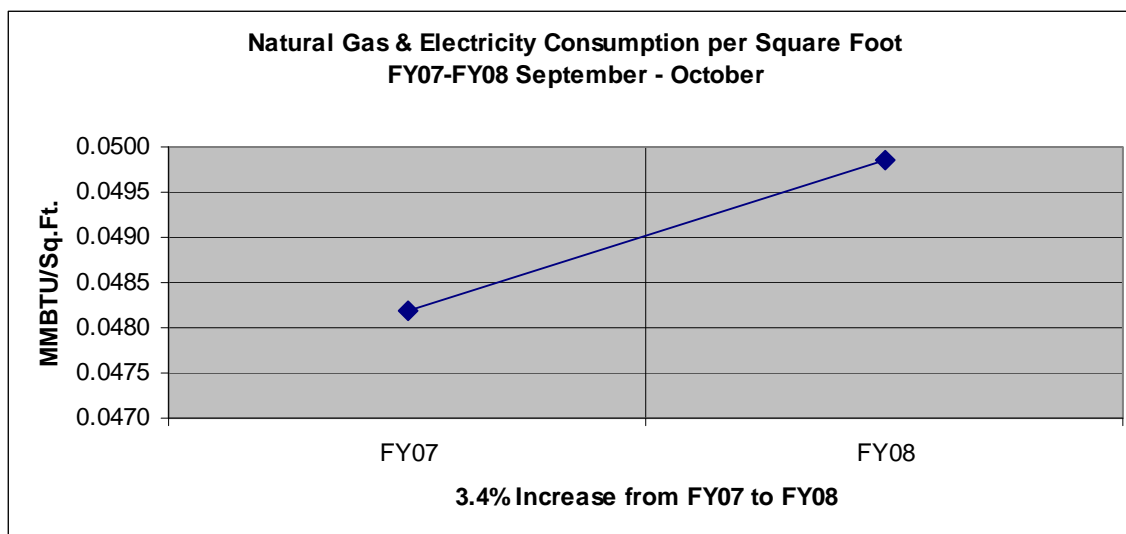
TWC is pleased to report that it exceeded its energy consumption goal for FY 07. TWC had a decrease of **10.9%** in energy consumption for the period of FY07 compared to FY06.



Electricity and Natural Gas - FY08 Update

TWC had a small increase of **3.4%** in energy consumption for the period September to October of FY08 compared to the same period of FY07.

The small increase in usage is not indicative of a new trend. TWC was billed an extremely low amount of electric usage for September 2006 in its Main Building. This occurred because TWC received estimated bills for July and August 2006 that were overestimated. The adjustment occurred in September 2006 creating a very low usage total. All other readings for September and October were within normally expected usage levels. TWC is confident as the FY08 unfolds, we will meet our energy savings goal again this year.



TWC believes that energy conservation efforts and the installation of energy efficient systems and equipment will have significantly contributed to our consumption savings efforts.

Gasoline - FY 07 Results

TWC's is pleased to announce that we reached our established goal to reduce gasoline consumption by **2%** per year until all fleet vehicles that could reasonably be converted to alternative fuels are converted. Ninety percent of TWC's fleet are either capable of using alternative fuels (propane) or, due to size, waived from the alternative fuels requirement.

TWC's gasoline consumption was decreased by **11.2%**. In addition, we reduced our overall consumption of fuels (gasoline, diesel and propane) by **13.7%** compared to the same period last year.

Gasoline - FY 08 Update

TWC's gasoline consumption increased by 18.9% in September and October of FY 08 over the same time period for FY07. Our diesel fuel decreased during the same time period 28.9% over the previous fiscal year and our propane usage decreased by 71%. Reduction in overall fuel usage was decreased **43.1%**. Decreased use is the result of a reduction in fleet and consolidation of duties.

B. Results of Planned FY07 Initiatives to Increase TWC Consumption Goals

- TWC released its Facilities Master Plan during the summer of 2007. Three of the seven facility projects scheduled for fiscal year 08 will have a positive impact on conservation efforts.
- TWC has eliminated the purchase of personal appliances such as space heaters and refrigerators for individual use.

- TWC incorporates lighting retrofits from T-12s to more energy-efficient T-8 and T-5 bulbs with all interior renovation requests. TWC is evaluating the use of a performance-based contract to retrofit remaining interior lighting in its Main Building.
- TWC contracts with GEXA Energy utilizing the services of LPB Energy Consulting thru the efforts of the State Energy Conservation Office. Nine of TWC's electric accounts fall within various deregulated rates areas of the State. This will further reduce our energy cost.
- TWC continues to monitor utility bills throughout the fiscal year in order to identify and investigate where staff finds higher than expected usage levels. An added feature of our contract with LPB Energy Consulting is that they will also monitor TWC utility bills and bring their expertise in identifying potential billing errors and unusual usage levels.
- TWC has sold three of its fleet of vehicles to reduce fuel consumption.

C. Additional ideas the agency has for reducing energy expenditures

- Request employees to shut off non-essential computers, coffee makers, other nonessential equipment and, if feasible, 50 percent of copiers.
- Turn off the water cooler during periods of high electrical use, which is from 4 to 8 PM.
- Consider using battery-powered laptop computers in place of docking stations, and charge the batteries at night during off-peak hours.
- Increase amount of work from home employees when possible.
- Have security personnel ensure all lights are turned off after office hours.

D. Additional ideas to minimize fuel usage of all vehicles

- Consider replacing aging agency vehicles with hybrid electric/gasoline vehicles or motorized carts to perform campus facility services.