

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

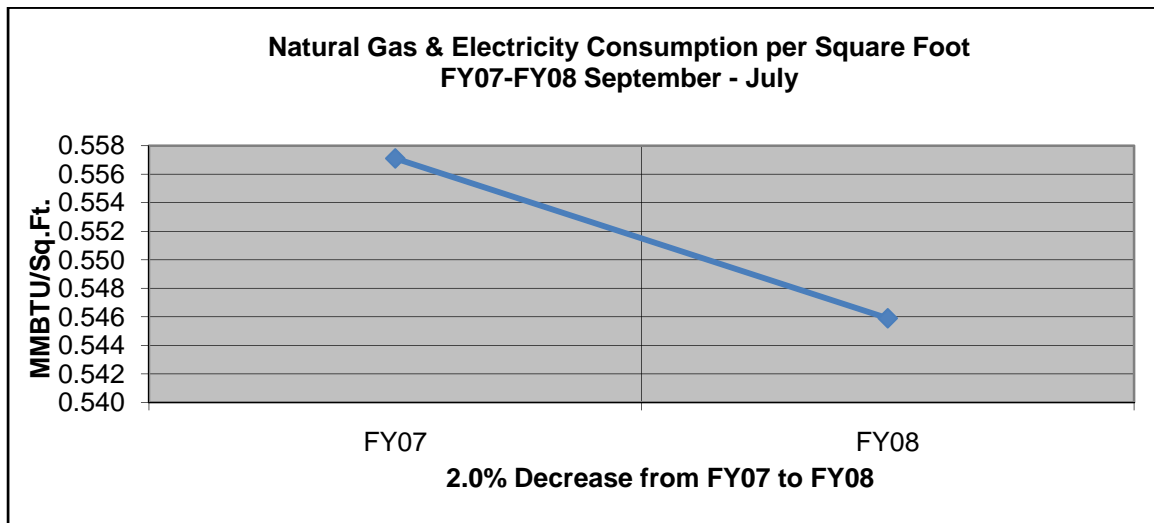
**October 2008**

***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 - FY08 Update**

TWC is pleased to report a decrease of 2% in energy consumption for the period September to July of FY08 compared to the same period of FY07.



**Gasoline - FY 08 Update**

Reduction in overall fuel usage was **decreased 25.6%** for September to July of FY 08 over the same time period for FY07.

TWC's gasoline consumption increased by 38.8% for September to July of FY 08 over the same time period for FY07. The gasoline increase was due to some of TWC's propane fleet not functioning properly and temporarily having to rely on gasoline.

Our diesel fuel consumption decreased during the same time period by 16.8% over the previous fiscal year and our propane usage decreased by 72.4%.

Ninety eight percent of TWC's fleet are either capable of using propane as an alternative fuel or are waived from the alternative fuels requirement due to size. TWC is in the process of replacing propane vehicles with new vehicles using other alternative fuels such as Ethanol We are also reducing our fleet's overall size. TWC has only three propane vehicles remaining. The vehicle purchases will enable TWC to continue to reduce fuel

consumption and allow the Agency options for the type of power to operate its vehicle fleet.

***B. Results of Planned FY08 Initiatives to Increase TWC Consumption Goals***

- TWC released its Facilities Master Plan in July 2008. Ten of the fourteen facility projects scheduled for fiscal year 09 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 locations fall within various deregulated rates areas of the State. This is further reducing 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 and purchased two vehicles with the flex fuel preferred option.
- Security personnel ensure all lights are turned off after office hours

***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 telecommuting options where feasible.
- Have security personnel ensure all lights are turned off after office hours.

*D. Additional ideas to minimize fuel usage of all vehicles*

- Replacing all agency vehicles with hybrid electric/gasoline vehicles or motorized carts to perform campus facility services.