

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

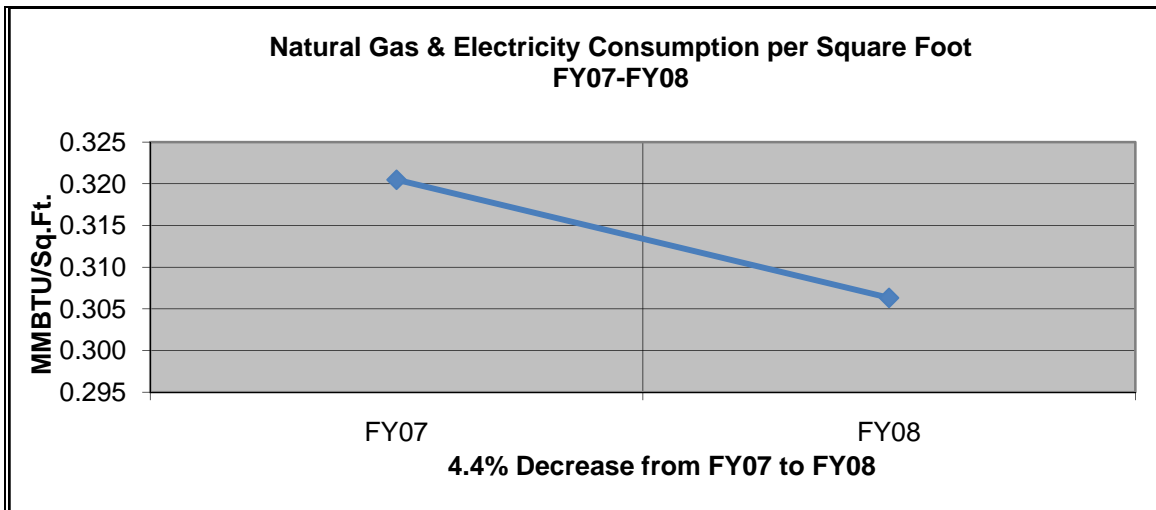
January 2009

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.

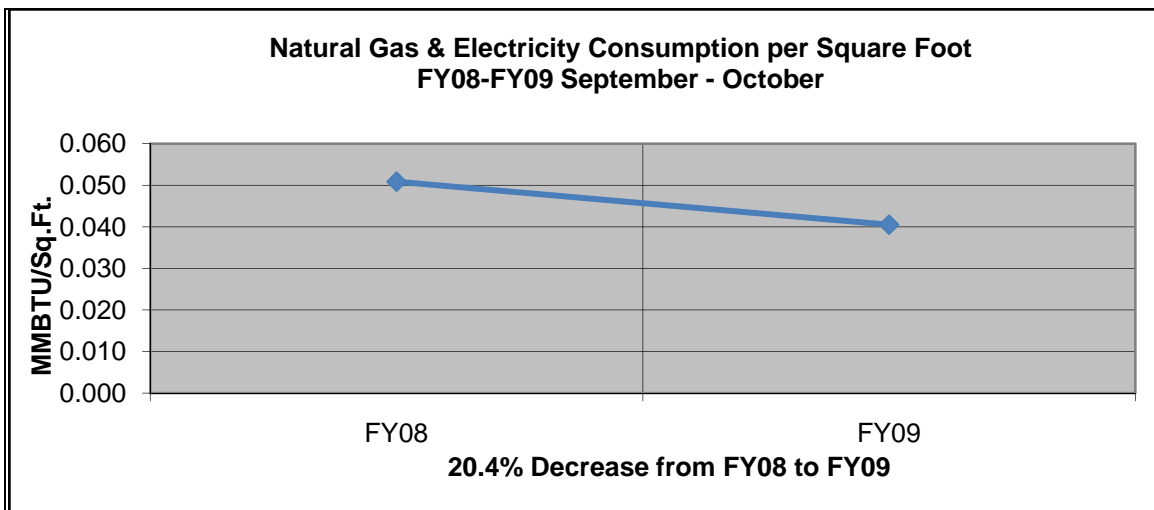
Electricity and Natural Gas – FY08 Results

TWC is pleased to report that it exceeded its energy consumption goal for FY 08. TWC had a decrease of **4.4%** in energy consumption for the period of FY08 compared to FY07.



Electricity and Natural Gas - FY09 Update

TWC continues to see an energy consumption decrease into FY 09. We are proud to report a decrease of **20.4%** in energy consumption for the period September to October of FY09 compared to the same period of FY08.



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

Vehicle Fleet Fuel Usage - FY 08 Results

TWC's is also pleased to announce it again exceeded its goal of reducing gasoline and overall fuel consumption by 2% per year for five years. Reduction in overall fuel usage was **decreased 19.9%** for FY 08 over the same time period for FY07.

Vehicle Fleet Fuel Usage - FY 09 Update

Reduction in overall fuel usage (gasoline, propane, & diesel) was **decreased 61.5%** for September to October of FY 09 over the same time period for FY08.

Ninety-eight percent of TWC's fleet is either capable of using propane or other alternative fuels or are waived from the alternative fuel requirements due to size. TWC is in the process of replacing propane vehicles with new vehicles using other alternative fuels such as Ethanol.

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 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 continued 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 (LPB) is that they began to monitor all TWC utility bills in November 2008. LPB brings their expertise in identifying potential billing errors and unusual usage levels.
- TWC 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.