

**Texas A&M Commerce  
State Agency Energy Savings Program  
Energy Conservation Plan  
October 2007 Update**

The Texas A&M-Commerce energy savings update is being submitted in accordance with Governor's Executive Order RP 49.

**I. Update to State Agency Energy Savings Program**

A. The extent to which the agency has met the percentage goal it established for reducing its usage of electricity, gasoline, and natural gas;

- 2007 goal for electricity usage was a 3% reduction for the year
- 2007 goal for natural gas usage was a 3% reduction for the year
- 2007 goal for gasoline usage was a 0% reduction for the year

	FY06	FY07	% difference
Electricity usage (KWH)	33,806,526	30,430,627	-10%
Natural Gas usage (MCF)	63,313	64,507	+1.2%
Gasoline usage (G)	44,719	44,319	0.0 %

The electricity savings goal was exceeded (10% savings vs. a plan of at least 3%).

The natural gas savings goal was not met (a slight increase was shown vs. a plan of saving 3%).

The gasoline savings goal was met with no increase in usage.

B. The steps the agency may take to increase the percentage goal for reducing its usage of electricity, gasoline, and natural gas;

Several steps outlined below have been completed:

- Hubbell Hall has been taken off line – no steam heating, cooling, minimal electric service.
- Replaced old single pane windows in Berry Hall lobby with new double pane energy efficient windows.
- Replaced remaining a/c coils (78) in Smith Hall.

- Purchased an additional all-electric vehicle for short campus wide trips (reducing gasoline usage). A total of 5 street legal vehicles have been purchased and in wide usage by the Facilities.

Projects not started, but under consideration :

- Require energy efficient design and equipment in all new construction and renovations.
- Require that replacement exit lighting be LED wherever possible.
- Add electric monitoring controls (TAC) to constantly monitor the campus air handler units.

C. Any additional ideas the agency has for reducing energy expenditures relating to facilities;

- Installation of waterless urinals and motion sensors on faucets in select buildings.
- Installation of motion sensors to control lighting in bathrooms in select buildings.
- Develop energy conservation program; including placing posters and stickers at light switches, etc.
- Installation of additional electric and gas meters in main buildings to monitor usage patterns.
- Continue to evaluate replacement of older boilers, chillers, and air handlers.

D. Any additional ideas the agency has to minimize fuel usage in all vehicles and equipment used by the agency.

- The University is considering purchasing a high mile per gallon (>50 mph) for use by the key control technicians.
- Presentation of Best Practices for fuel conservation with foremen for different trades.