



West Texas A&M
University™

ENERGY MANAGEMENT REPORT

NOVEMBER 2016

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

West Texas A&M University is committed to energy conservation. One initiative with a proven success is scheduling the heating and cooling systems to reduce energy when a space is not being used. Continue to monitor space to adjusting temperatures (HVAC) setting to room utilization.

Utility consumption building profiles are generated weekly and reviewed to insure buildings are operating as designed. And, monthly campus utility consumption and costs are reviewed to insure energy conservation initiatives are obtaining expected results. Energy conservation initiatives have helped the main campus source Energy Use Index (EUI) decrease from 167 mBtu per square foot in November, 2012 to 154 mBtu per square foot in August, 2016.

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

West Texas A&M University is aggressive in implementing energy conservation programs. WTAMU has a computerized Energy Management System that allows constant monitoring of the buildings to insure there has not been a malfunction that will increase energy usage. Alerts have been set with default valves so when temperatures operate outside established perimeters, notifications are emailed to technicians so they can be dispatched to begin corrective action.

WTAMU has begun the process to enter into an ESCO agreement. Upon completion, WTAMU expects the performance contract will reduce campus energy consumption by over 10%. Upgrade Equipment and Technology to energy efficient replacement equipment meeting the Federal Energy Star ratings.

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

WTAMU is considering entering into an agreement to create a utilities master plan. This plan is expected to reduce the cost of delivering campus utilities. And, future building construction will adhere to more energy efficient standards. \geq 30-R-Valve for Roof Replacement State Required minimum specifications. New lighting specifications require LED fixtures and scheduling on/off using a solar time clock.

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

WTAMU main campus limits vehicular usage by promoting a pedestrian campus. Additionally, staff is encouraged to limit vehicle usage and carpool where appropriate. Where applicable, WT switch to using Gas/Electric Carts as alternate mode of transportation.

	Gasoline (Gallons)
FY15	53,695
FY16	52,810
% Increase (Decrease)	(1.6)%