

University of North Texas
State Agency Energy / Fuel Savings Program
Quarterly Update

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

Quarterly Performance
Energy & Water
September 2014 through November 2014
Raw data

	FY 2005 Q1	FY 2015 Q1	% Change
Electricity (KWH)	24,434,907	28,655,128	17%
Natural gas (MCF)	27,751	21,419	-23%
Water (GAL)	68,242,792	109,273,095	60%

Normalized by Sq Ft

Square footage	5,501,779	6,953,491	26%
KWH / sq ft	4.44	4.12	-7%
MCF / sq ft	0.005	0.003	-39%
GAL / sq ft	12.40	15.71	27%

Quarterly Performance
Fuel
Through November 2014

	MPG		
FY 2014	FY 2005	FY 2015	% Change
1st Q	11.9	10.3	-14%
2nd Q	10.8		-100%
3rd Q	11.9		-100%
4th Q	12.9		-100%
Annual	11.9		-100%

In the 1st quarter FY 2015, some small buildings were demolished and removed from the inventory for a total reduction of 4,907 square feet.

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

The performance contract, called the Smart project, was completed in the first quarter of FY 2012. Performance monitoring has shown energy savings greater than guaranteed.

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

The University is undertaking an aggressive MEP renovation process involving a number of the campus buildings to upgrade older equipment and systems to more efficient operations. Design for three MEP renovations are in completion and will be posted for construction bid.

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

The University continues to purchase more fuel-efficient equipment as the fleet is replaced. For local area use, the gasoline powered vehicles are being replaced with electric powered vehicles.

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

Quarterly Performance
Energy & Water
September 2014 through February 2015
Raw data

Utility	FY 2005 Q2	FY 2015 Q2	% Change
Electricity (KWH)	44,626,955	52,892,811	19%
Natural gas (MCF)	103,141	121,797	18%
Water (GAL)	108,378,093	144,513,437	33%

Normalized by Sq Ft

Square footage	5,501,779	6,953,491	26%
KWH / sq ft	8.11	7.61	-6%
MCF / sq ft	0.019	0.018	-7%
GAL / sq ft	19.70	20.78	6%

Quarterly Performance
Fuel
Through February 2015

	MPG		
FY 2014	FY 2005	FY 2015	% Change
1st Q	11.9	10.3	-14%
2nd Q	10.8	9.6	-11%
3rd Q	11.9		-100%
4th Q	12.9		-100%
Annual	11.9		-100%

In the second quarter of FY 2015, no additions or subtractions from the space inventory occurred.

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

The performance contract, called the Smart project, was completed in the first quarter of FY 2012. Performance monitoring continues to show energy savings greater than guaranteed.

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

The University is undertaking an aggressive MEP renovation process involving a number of the campus buildings to upgrade older equipment and systems to more efficient operations. Design for two MEP renovations are complete and will be posted for construction bid. Another design for MEP renovation will be posted in the fourth quarter.

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

The University continues to purchase more fuel-efficient equipment as the fleet is replaced. For local area use, the gasoline powered vehicles are being replaced with electric powered vehicles.