

**802 - TEXAS PARKS AND WILDLIFE DEPARTMENT – ENERGY CONSERVATION PLAN QUARTERLY REPORT**  
**Period: September 1, 2008 – November 30, 2008**

**ELECTRICITY MEASURES (GOAL: .5% ANNUALLY)**

Headquarters - Austin

Measure	Electricity Measure									
Period	9/1/08-11/30/08	12/1/08-2/28/09	3/1/09-5/31/09	6/1/09-8/31/09		FY '08 9/07-11/07	FY '09 9/08-11/08	Delta	% Change	Goal Met (Y/N)
KwH	688,461					835,006	688,461	-146,545	17.5	Y
Cost	72,901.13					63,417	72,901.13	9,484.13	13	N

**NATURAL GAS MEASURES (GOAL: .5% ANNUALLY)**

Headquarters – Austin

Measure	Natural Gas Measure									
Period	9/1/08-11/30/08	12/1/08-2/28/09	3/1/09-5/31/09	6/1/09-8/31/09		FY '08 9/07-11/07	FY '09 9/08-11/08	Delta	% Change	Goal Met (Y/N)
MMBTU	291					241	291	50	17.18	N
Cost	1,362.71					1,238.00	1,363	124.71	9.14	N

**WATER MEASURES (GOAL: .5% ANNUALLY)**

Headquarters – Austin

Measure	Water Measure									
Period	9/1/08-11/30/08	12/1/08-2/28/09	3/1/09-5/31/09	6/1/09-8/31/09		FY '08 9/07-11/07	FY '09 9/08-11/08	Delta	% Change	Goal Met (Y/N)
Gallons	1,366,375					1,386,475	1,366,375	-20,100	1.44	Y
Cost	5,050.46					6,876.00	5,050	-1,825.54	26.54	Y

**FUEL MEASURES (GOAL: .5% ANNUALLY)**

Statewide

Measure	Fuel Measure									
Period	9/1/08-11/30/08	12/1/08-2/28/09	3/1/09-5/31/09	6/1/09-8/31/09		FY '08 9/07-11/07	FY '09 9/08-11/08	Delta	% Change	Goal Met (Y/N)
# Gallons	497,152.80					470,177.40	497,152.80	26,975.40	5.42	N
Cost	1,196,958.30					1,429,261.39	1,196,958.30	-232,303.09	16.25	Y

**UTILITY EXPENDITURE MEASURES (GOAL: .5% ANNUALLY)**

Statewide

Period	9/1/08-11/30/08	12/1/08-2/28/09	3/1/09-5/31/09	6/1/09-8/31/09		FY '08 9/07-11/07	FY '09 9/08-11/08	Delta	% Change	Goal Met (Y/N)
Electric Cost	1,250,515.00					1,281,262.47	1,250,515.00	-30,747.47	2.389	Y
Natural Gas Cost	31,232.02					48,515.51	31,232.02	-17,283.49	35.62	Y
Water Cost	102,733.88					145,273.87	102,733.88	-42,539.99	29.28	Y

**OTHER MEASURES (FACILITIES AUDITED GOAL: .5% ANNUALLY)(NO OTHER GOALS SET AT THIS TIME)  
Statewide**

Measure	Design Measure									
	9/1/08-11/30/08	12/1/08-2/28/09	3/1/09-5/31/09	6/1/09-8/31/09		FY '07 9/07-11/07	FY '09 9/08-11/08	Delta	% Change	Goal Met (Y/N)
# Facilities Audited	0					0	0.00	0.00	0	N
# Alt. Fuel Vehicles Procured	0					0	0.00	0.00	0	N
# LEM Vehicles Procured	6	0	0	0		0	6.00	6.00	100	Y

**NARRATIVE**

**TPWD Renews Focus on Energy and Resource Conservation**

In 2008, Executive Director Carter Smith asked the Infrastructure Division to form a team to promote ways for the agency to reduce TPWD electricity, natural gas, water and fuel consumption, and promote the sustainable use of natural resources. Thus, the Resource and Energy Conservation Team (REACT) was born. Support Services Branch Manager Steve Schroeter is spearheading the group, which includes representatives from every division.

REACT will be working closely with the Green Team in the coming months to foster employee awareness and develop energy conservation campaigns that build on the agency's track record. Messages and actions will go out to staff in a number of ways, so stay tuned for more details!

Energy and resource conservation is no stranger to the agency. For example, over the last few years, the Wildlife Division has made eco-friendly upgrades to several WMAs. In addition, Matador WMA added new roof insulation and a more energy-efficient heating/cooling system, and staff sets the thermostat at 76 in the summer and 67 in the winter. Last year, the Panhandle WMA staff decreased fuel consumption by limiting or eliminating travel.

The Administrative Resources Division has decreased paper consumption and discouraged motorized vehicle travel between Headquarters and Building D by making available to staff three bicycles and a bicycle surrey. Some AR staff members telecommute to cut fuel costs. The Legal Division consistently recycles paper and shuts down all computers and lights at the end of the day.

Coastal Fisheries cut fuel costs by carpooling and using hybrid automobiles for headquarters and coastal trips. Many CF facilities have started using T8 fluorescent light fixtures and bulbs, and the division is investigating using solar panels at two coastal fish hatcheries. Communications phased out hard-copy mailing of news releases several years ago, and many staff make an effort to simply turn off their computers at the end of the day. In addition, staff worked with the Green Team to create the award-winning sloth campaign and "turn it off" poster in 2007.

Inland Fisheries implemented an energy-efficient design for the new East Texas Fish Hatchery in Jasper and implemented recycling at field offices, including working with local recycling companies to pick up paper, plastic, batteries, etc. Law Enforcement is seeking to meet LEED standards for the

new Game Warden Training Center and is purchasing FLEX FUEL vehicles for the LE fleet from 2007 to date.

Looking back at what we've done provides an opportunity to share ideas going forward. Employees have been asked to share new ideas at a new mailbox: [REACT@tpwd.state.tx.us](mailto:REACT@tpwd.state.tx.us). REACT is promoting the sharing of ideas that do not require much money and time to implement, even small initiatives such as bringing a coffee mug from home instead of using Styrofoam, or shutting off computers at the end of the day, which can make a big difference if everyone does it.

In its mission to "conserve the natural and cultural resources of Texas," TPWD is committed to enhancing its stewardship of Texas air, land and water through utility and fuel conservation initiatives and by continuing to serve as a leader of State agencies in these efforts.