

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

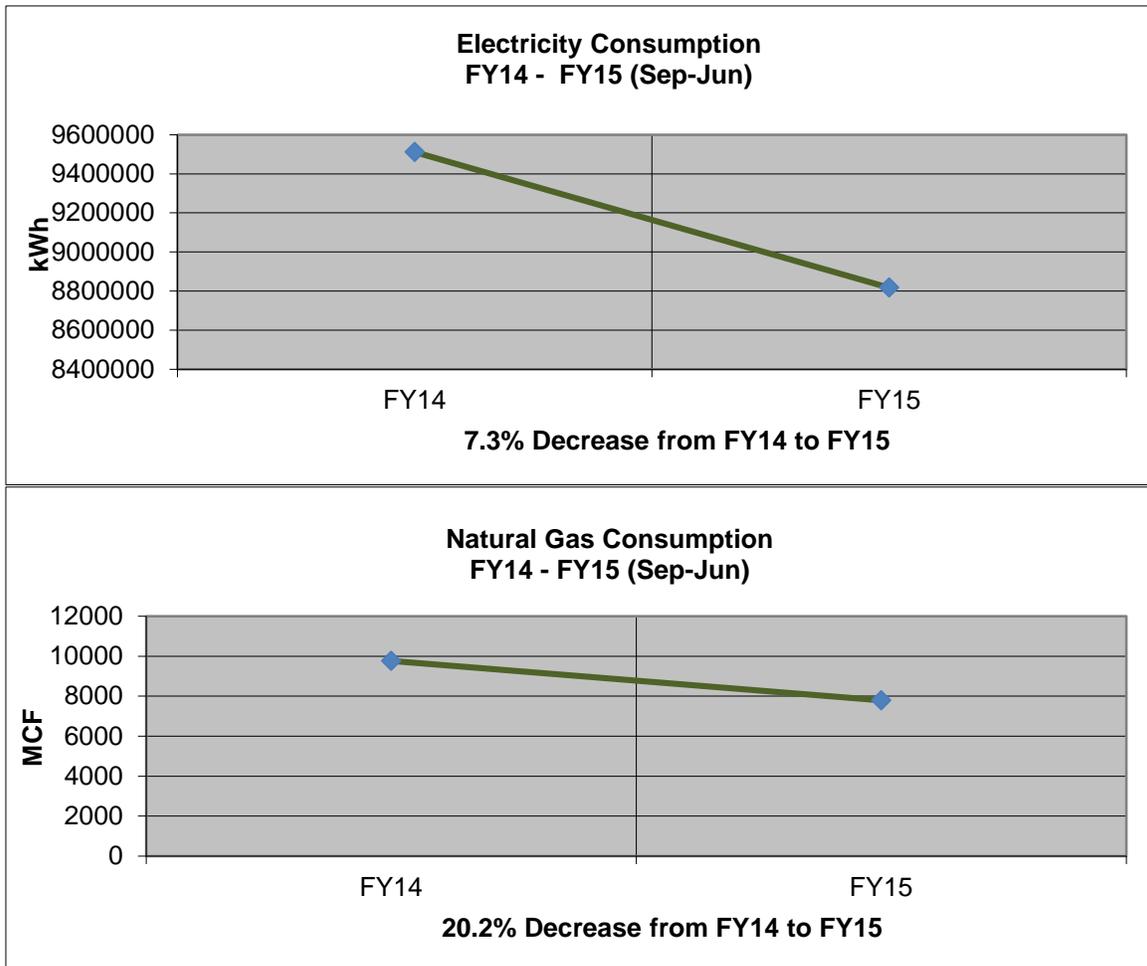
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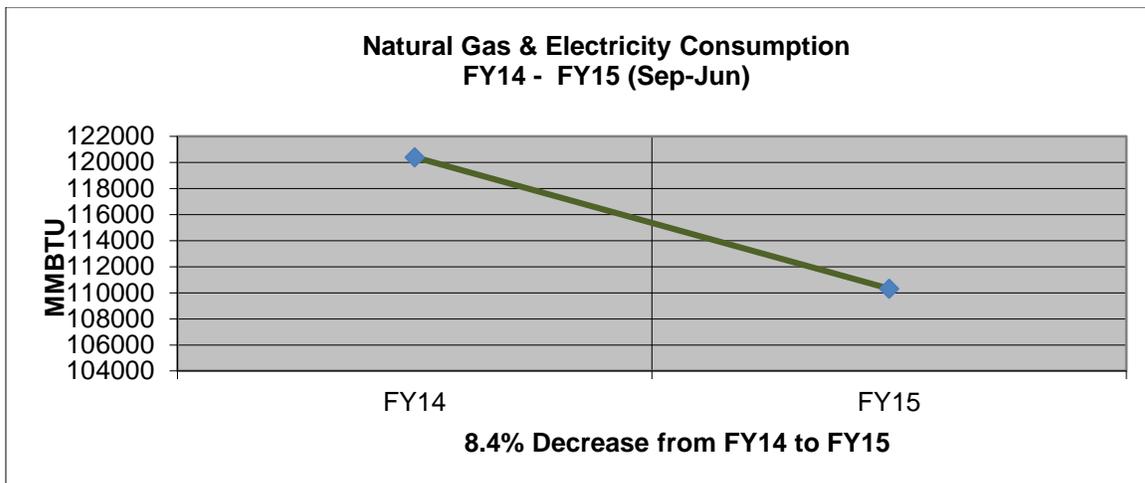
## *A. TWC Energy Consumption*

In compliance with Senate Bill 898 passed in 2011 by the 82<sup>nd</sup> Texas Legislative session, the Texas Workforce Commission has established a goal to reduce electric consumption by 5% per year for ten years effective September 1, 2011. Pursuant to Executive Order RP49 established October 27, 2005, TWC will continue its goal to reduce natural gas energy consumption (reported as MMBTUs/sq. ft.) by at least 2% per year.

## *B. Electricity and Natural Gas*

TWC did see a decrease of 7.3% electric consumption, a decrease of 20.2% in natural gas consumption and **a decrease of 8.4% overall energy consumption** for September through June of FY15, when compared to the same period of FY14.





### *C. Vehicle Fleet Fuel Usage*

TWC's overall fuel usage **increased by 12.4 %** for September through July of FY15, when compared to the same period of FY14. The increase in fuel usage was because TWC made six trips to the Statewide Business Conference and the Agency made more trips than last year due to office reorganizations within the agency.

### *D. FY14-FY15 TWC Completed Initiatives to Enhance Energy Conservation*

- **Austin Annex Computer Room Replacement**- TWC replaced the 10-ton Liebert unit with a new 15-ton unit. **This project was completed in January 2014.**
- **McKinney HVAC Replacement**: TWC recently had a new gas service installed at the McKinney office. Four new Lennox roof top units were installed with gas heat. Each unit has a seer rating of 20. These units serve over 4,400 feet of office space. **This project was completed in February 2014.**
- **Austin Annex Chiller Replacement**: This project has replaced chillers and pumps, installed VFD's for pumps. Digital controls for chillers, pumps and VFD's. **Project was completed in February 2015; an energy rebate for \$9,937.22 was received.**
- **Mopac HVAC Replacement**: This project replaced four (4) existing roof top air conditioning units, added a mini-split system, and upgraded the existing iLON digital control system. **Project was completed in August 2015; an energy rebate for \$3,407.55 was received.**

### *E. FY15 TWC Active Initiatives to Enhance Energy Conservation*

- **Trinity Parking Garage LED Lighting Upgrade**: This project will replace & provide new motion controlled LED lighting, with a possible energy rebate.

***F. Additional ideas/actions the agency has for reducing energy expenditures***

- Activate power management policies that turn off or reduce use of networked assets based on business hours and periods of low use.
- Increase telecommuting options where feasible.
- Turn off lights in unused offices, conference rooms, hallways, etc. where feasible at peak hours of the day especially during triple-digit heat days.
- Utilize/incorporate a paperless initiative where feasible.

***G. Additional ideas/actions to minimize fuel usage of all vehicles***

- Replacing all agency vehicles with hybrid electric/gasoline vehicles or motorized carts to perform facility services. This is done as we refresh vehicles.