

**State Preservation Board
Energy Conservation Quarterly Update - April 2007**

The SPB is responsible for the operation and building management of the Capitol, Capitol Extension, Capitol Visitors Center, the Capitol Visitors Parking Garage, and the Bob Bullock Texas State History Museum

Building uses include office and meeting spaces, display space for historic artifacts, visitor and tourist programs, dining facilities, retail space, auditoriums, classrooms, theaters, and parking facilities. Each of these buildings provide opportunities for the agency to conserve energy. The agency will continue to identify attainable energy savings and will work with the Texas Building and Procurement Commission (TBPC) and the executive and legislative agencies it serves to reduce energy consumption wherever possible.

Capitol/Capitol Extension

The SPB electrical staff has completed the installation of 124 energy efficient compact fluorescent light fixtures, replacing existing 150 watt quartz incandescent fixtures. With a 24 hour per day burn time it is estimated there will be a 117,165 KWH reduction in energy use on an annualized basis. Further lighting upgrades using compact fluorescent light fixtures are planned for Summer 2007. Exterior evening grounds lighting has been adjusted and the exterior thirty foot pole lights continue to shut off automatically at midnight.

Bob Bullock Texas State History Museum

In addition to continued conservation efforts itemized in previous quarterly updates, the facilities staff is evaluating performance-based energy management contracting with the technical assistance of the State Energy Conservation Office.

Day to day maintenance practices continue to emphasize preventive work in order to keep equipment operating at best efficiencies. This includes cleaning the exchangers in the steam and chill water systems to obtain optimal heat transfer, as well as maintaining proper building pressure for temperature and humidity control. Maintenance staff continue to use night setback on the building as much as possible to decrease HVAC related energy costs. FY 2007 monthly reports from TBPC indicate that electrical usage for the TSHM has decreased 7.2% compared to the first 6 months of FY 2006, indicating these efforts are successful. This translates into a savings of 220,260 kilowatt hours (KWH) of electricity to date and continued savings are expected going forward. (see attached chart)

Other Efforts

As previously reported, all SPB staff have been notified to use the "hibernation" setting on computers to reduce energy usage. Both agency vehicles are well maintained in order to operate as close to the optimum gas mileage ratings as possible.

Capitol Grounds lawn sprinklers were shut down in November while the grass was dormant to conserve water. The lawn irrigation system remains shut down due to seasonal rains.

The agency will incorporate energy conservation efforts into future facilities projects and building modifications as appropriate.

ELECTRICITY USAGE COMPARISON FY06 & FY07 Bob Bullock Texas State History Museum

YTD decrease of 7.2%

