

# UNIVERSITY OF HOUSTON-VICTORIA

## ENERGY CONSERVATION PLAN GOAL ACHIEVEMENTS

**September, October and November 2010**

Submitted for January 1, 2011

### UNIVERSITY CONTACT FOR RESOURCE EFFICIENCY PLAN

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The University of Houston-Victoria has developed an energy savings program with goals to save energy, to include electricity, natural gas, and gasoline.

#### **I. Energy Conservation Plan**

An Energy Conservation Plan is located on our website.

##### **A. Resource Efficiency Plan (facilities)**

In accordance with 34 TAC §19.14, this university has prepared a Resource Efficiency Plan. This plan will be updated and supplemented to the extent necessary to respond to RP- 49, and include a university-determined percentage savings goal for energy expenditures.

- It is anticipated that very few reductions in consumption are reasonably available currently and in the future as the university is growing with the added student population from downward expansion effective this fall semester of 2010 and with the opening of a new student dorm facility. Electrical consumption increased by 52.65 % this quarter, compared to the same quarter last year. Usage level for September, October and November of FY10 was 833,565 KWH. Usage level for September, October and November of FY11 was 1,272,444 KWH.  
To minimize electrical consumption in all owned, leased, and rented properties, we are pursuing these practices:
  - Continue to fund a comprehensive preventative maintenance program
  - Chillers, heaters, and air handlers are shut down when buildings are not scheduled for occupancy
  - Educate employees on consumption reducing practices
  - Change out inefficient electrical consuming devices as we recognize they are inefficient
  
- It is anticipated that very few reductions in consumption are reasonably available currently and in the future as the university is growing with the added student population from downward expansion effective this fall semester of 2010 and with the opening of

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the new student dorm facility. Natural gas consumption increased 84.69% in this quarter of FY11 compared to the same quarter in FY10. Usage level for September, October and November of FY10 was 2,599 CCF. Usage level for September, October and November of FY11 was 4,800 CCF.

To minimize natural gas consumption in all owned, leased, and rented properties, we are pursuing these practices:

- Continue to fund a comprehensive preventative maintenance program for all gas appliances
- Cycle HVAC units off when buildings are not scheduled for occupancy
- Educate employees on consumption reducing practices
- Change out inefficient gas consuming devices as soon as possible

### B. Fleet Fuel Management Plan (vehicles)

- It is anticipated that very few reductions in consumption are reasonably available currently and in the future as the university is growing and vehicles are being utilized more fully. One goal for managing fuel consumption in university owned vehicles is to use electronic means as opposed to travel whenever possible. Consumption increased by 3.65% compared with the same quarter this time last year. Usage level for September, October and November of FY10 was 680.02 gallons consumed. Usage level for September, October and November of FY11 was 704.83 gallons consumed. To minimize fuel use in all vehicles and equipment, we have committed to:
  - Continue to fund a comprehensive preventative maintenance program
  - Plan vehicle usage for higher occupancy usage when applicable
  - Educate employees in efficient driving practices
  - Change out inefficient fuel consuming devices and vehicles as applicable
  - Fully utilize the State's Fleet Data Management System when applicable
  - Follow the agencies best practices, where feasible

## II. **Reporting Progress**

Submitted January 3, 2011

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Submitted 1/3/11