

# TEACHER RETIREMENT SYSTEM

## Energy Conservation Plan

### Quarterly Report

#### May 2012

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

##### **Electricity**

Goal: Reduce consumption by 5% annually when compared to the average consumption of the three previous years.

Results: For the period September 2011 through May 2012, decreased consumption by 5% when compared to the average consumption for the same period for the previous three years.

Additional Steps to Reduce Consumption: For fiscal year 2012, TRS has scheduled a project to replace major heating, ventilation and air conditioning system components that have exceeded their useful life with modern energy efficient components. This project should facilitate significant savings of energy in the future.

##### **Natural Gas**

Goal: Reduce consumption by 5% annually when compared to the average consumption of the three previous years.

Results: For the period September 2011 through May 2012, decreased consumption by 29.5% when compared to the average consumption for the same period for the previous three years.

Additional Steps to Reduce Consumption: For fiscal year 2012, TRS has scheduled a project to replace major heating, ventilation and air conditioning system components that have exceeded their useful life with modern energy efficient components. This project should facilitate significant savings of energy in the future.

#### **Fleet Fuel Management Plan (vehicles)**

##### **Gasoline**

Goal: Reduce consumption by 5% when compared to the previous year.

Results: For the period September 2011 through May 2012, decreased consumption by 12% when compared to the consumption for the same period for the previous year.

Additional Steps to Reduce Consumption: TRS will consider the purchase of hybrid vehicles when replacing vehicles.