

TEACHER RETIREMENT SYSTEM

Energy Conservation Plan

Quarterly Report

May 2016

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 2015 through May 2016, increased consumption by 8% when compared to the average consumption for the same period for the previous three years.

Additional Steps to Reduce Consumption: TRS is planning 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 2014 through May 2016 increased consumption by 21.5% when compared to the average consumption for the same period for the previous three years.

Additional Steps to Reduce Consumption: TRS is planning 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 2014 through May 2016, decreased consumption by 1% 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.