

Welcome to our Jefferson Currents Newsletter. This newsletter will highlight our energy conservation efforts throughout the enterprise.

The total energy spend for Jefferson is now more than \$40 Million per year. The challenge – how do we manage this for maximum savings. The good news – we have a solid proven plan for doing this, as described in this newsletter. But we need your help.

Every employee in every Department can help to reduce our energy costs.

**Please learn more... and take action!**

## What the Energy Services Department is Doing Right Now to Reduce Energy Costs

We save energy costs in two ways:

### Energy Supply Contracts

Jefferson has recently signed contracts for the cost of our energy supplies for 2018 to 2020.

We used our large volume of energy use to our advantage for a savings of millions of dollars for Jefferson.

### Energy Conservation Projects

There are four main energy savings initiatives that have recently been completed in Center City and will now roll out throughout the Enterprise:

- 1. The selection of an Energy Services Contractor (ESCO).** ESCO's are large companies, with extensive resources and experience, that come into a business and really drill down on energy efficiency. Jefferson has used ESCO's in the past and the result was millions of dollars of energy savings per year.
- 2. Real-time metering of energy usage, 24/7, at all sites.** You can't manage what you don't measure. Jefferson monitors and manages its energy use 24/7/365. Continuous energy monitoring shows us where energy is being used unnecessarily so that it can be reduced to save costs.
- 3. Continuous Commissioning.** Commissioning is the act of "tuning up" a building for energy efficiency on a real-time, continuous basis. In Center City, this effort resulted in energy savings of over \$100,000 a year. See photo.
- 4. A contract has been signed with a "Curtailed Service Provider" (CSP).** If an energy customer can reduce its use during times of overall critical demand, that customer will be reimbursed this. Jefferson has, in fact, safely done this "load shedding" and saved energy costs.



Bob Pizzo, of the Facilities Department checking on equipment as part of Jefferson's Continuous Commissioning program. This program involves 24/7 monitoring and checking of energy using equipment to ensure its efficient operation at the lowest possible costs.

**Energy Services Department**  
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# Currents

SPRING 2018

## SPRING into energy savings for your Home

### Keep Your Cooling System Running Efficiently

- Schedule regular maintenance for your cooling equipment.
- Avoid placing lamps or TV sets near your room air-conditioning thermostat.
- Make sure that you get your cold air. Vacuum registers and don't block them with furniture to keep your air flowing.

### Operate Your Thermostat Efficiently

- Set your thermostat as high as comfortably possible in the summer. You'll feel those extra 3 or 4 degrees more in your wallet than you will on your body.
- And certainly, don't cool your house when you are away. Lower the thermostat only when you are at home and need cooling. Better yet, get a programmable, or "smart", thermostat and make it easy to set back your temperature.

### Use Fans and Ventilation Strategies to Help Cool Your Home

- Want to save? A ceiling fan will allow you to raise the thermostat setting about 4°F with no reduction in comfort!
- But turn them off when you leave the room. Remember that fans cool people, not rooms.

## MARK YOUR CALENDAR!

### Jefferson Earth Day Event

April 23, 2018, 11 a.m. – 1 p.m.  
in Lubert Plaza.

- Vendors
- Music
- Prizes
- Information
- Encouragement



## Have an Energy Saving Idea? We want to hear about it.

Please send your idea to [Randolph.Haines@jefferson.edu](mailto:Randolph.Haines@jefferson.edu)



Look for the EPA's Energy Star label on products that use less energy, save money on your utility bills and help protect the environment.

