

Energy Saving Tips...

- ✓ Use your desktop lamp rather than ceiling lighting
- ✓ Use compact fluorescent lamps to save energy and cut pollution
- ✓ For three copies or less, use the printer; for more, use the copier
- ✓ Laser printers use 300 watts; inkjets use only 10, for similar quality
- ✓ Using the "stand-by" button on your copier will lighten your energy load by 70%
- ✓ A computer monitor uses 60 watts of power; turn it off if you leave for more than 10 minutes
- ✓ Recycling paper reduces water use by 60%, energy by 70%, and cuts pollution in half
- ✓ Relax and take mass transit; use 25 times less energy
- ✓ Burn carbohydrates not hydrocarbons: ride your bike to work
- ✓ Airplanes burn 70 gallons of fuel a minute, travel by the real super-saver and make a conference call

University facilities wants to know your ideas...

Students, faculty, staff, Alumni, we are all part of Rutgers. It is time for the university to take its roll as a leader in energy conservation. We in facilities cannot do this without your help. We all need to keep in the back of our minds how are my actions effecting the lives of future generations. The time is now, think, RU saving energy.

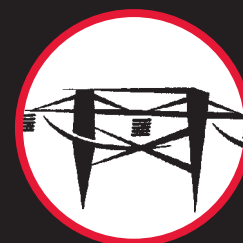
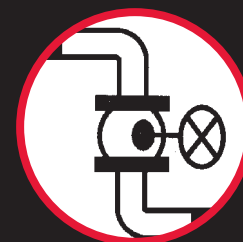
If you have an idea, suggestion, comment or, question, please email us at:

RUenergyconservation@facilities.rutgers.edu

We thank you in advance for your participation and cooperation.

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University Facilities

Energy Conservation



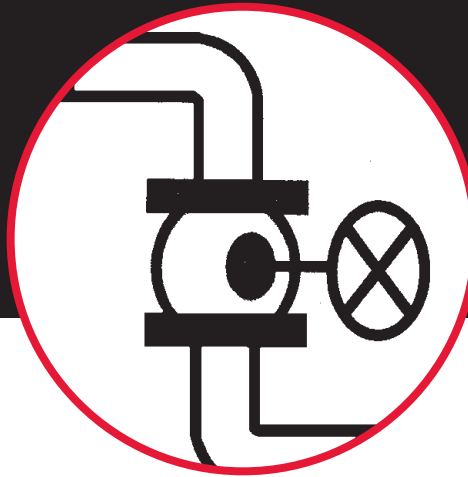
RU Saving Energy?

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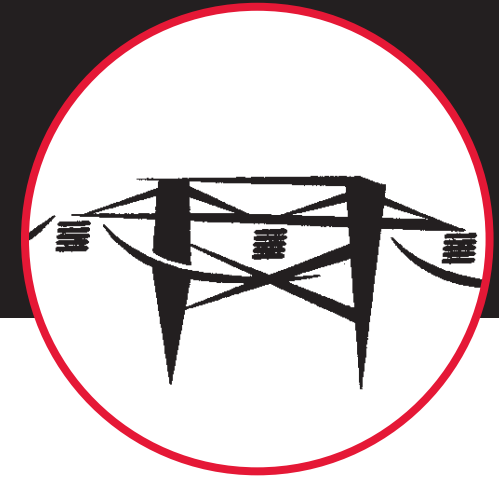
Lighting Retrofit Program...

The university, through the University Facilities and Housing, is in the process of doing a lighting audit of all university facilities. From audit findings we will be replacing inefficient lighting with high efficiency lighting and controls at Camden, Newark and New Brunswick/Piscataway campuses, over five years. We will reduce our energy consumption by 42,500,000 KWh and reduce CO2 emissions by 23,333 tons per year.



High Temperature Hot Water Line Replacement...

The university, through the University Facilities, is replacing 40 year old deteriorated high temperature hot water pipes with new insulated pipes. The size of the piping varies from 4" to 14". When the project is complete the resulting savings will be 2,520,000 therms per year. This is a reduction in emissions of CO2 by 2,285 tons per year.



Motor Replacement Project...

The university, through the University Facilities, is going to replace standard efficiency motors with high efficiency motors throughout the New Brunswick/Piscataway Campus. We are looking at motors 10HP and above. We estimate a savings of 2,784,000 KWh per year. We project a reduction in emissions of CO2 to be 1,516 tons per year.

Through these small steps and other steps to follow we will reduce our energy use by enhancing existing systems and new systems. So far with the three projects mentioned above we will reduce our electric consumption by 45,284 KWh per year and CO2 emissions by 29,059 tons. This is equivalent to taking 6,065 cars off the road.