



# ENERGY

WAYNE STATE UNIVERSITY



The Green Warriors team conducts comprehensive reviews of campus energy systems to achieve greater efficiency in physical plant operations, maintenance assessments and energy and waste behaviors. In April 2011, Green Warriors began implementing energy conservation measures in facilities throughout campus with a long list of successes. The team, based in Facilities Planning and Management, is comprised of members from Facilities Operations and Maintenance, Energy Management, and the Office of Campus Sustainability bringing a broad perspective to the University's energy initiatives.

## GREEN WARRIORS ENERGY PROJECTS

Campus-wide Energy Conservation Measures to date, include:

- **Lighting Retrofits** – include replacement of T8 fluorescent bulbs with more efficient LED tube lighting.
- **Retro-commissioning** – seeks to improve the integrated operation of building equipment and systems.
- **Steam Trap Repairs and Replacement** – help prevent the loss of steam allowing greater efficiency within building heating systems.
- **Sensors and Controls Improvements** – to building systems that measure temperature allowing the realization of greater energy efficiencies.
- **Performance Contracting** – is an energy partnership requiring minimal up-front costs on energy conservation measures that are ultimately paid for by the resulting energy savings.
- **Behavior Change Initiatives** – seek to engage WSU's campus community in practices that reduce energy consumption and reduce the University's carbon footprint.
- **HVAC Upgrades** – occurring at various facilities across campus.
- **Water Efficient Fixtures** – allow greater water savings and reduction in associated energy costs.



A look at one of WSU's physical plant operations

*Green Warriors has been actively working since April 2011 to enhance the energy efficiency of WSU's building systems.*

For more information, please visit:  
[livinggreen.wayne.edu](http://livinggreen.wayne.edu) or,  
[facilities.wayne.edu](http://facilities.wayne.edu)

Please send questions related to Green Warriors to [begreen@wayne.edu](mailto:begreen@wayne.edu).