



NOVEMBER/DECEMBER 2012

## Save energy on campus, even over the holidays

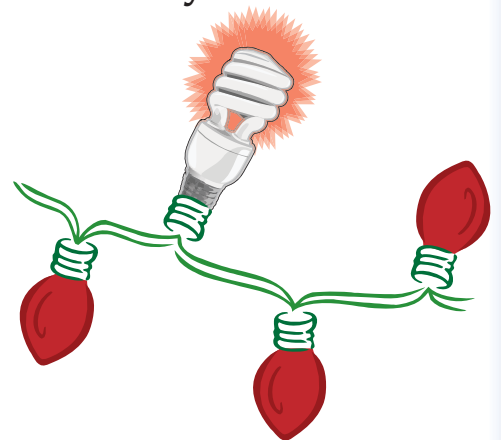
Facilities Services extends sincere best wishes to the University community this holiday season! This has once again been a busy and productive year across campus, so a little downtime and relaxing with family and friends is definitely in order.

The actual campus, however, is a dynamic environment that never actually “shuts down,” even during the holidays. Building systems and equipment - such as plumbing, electric and heating and cooling systems - will continue to operate to some degree during the upcoming winter break.

With your help, we have a unique opportunity to take advantage of this time and add to the substantial energy savings achieved by the University in recent years.

Before leaving campus for the holidays, Facilities Services reminds you to:

- Shut down desktop computers and laptop computers. If you have a University-owned laptop that you are authorized to take with you, take it home for the holidays and shut down and unplug as appropriate.
- Turn off office lights and as much public lighting as possible (hallways, bathrooms, break rooms, conference rooms). Open window shades to let in sunlight and capture solar energy.
- Turn off and unplug nonessential equipment such as copiers, fax machines, printers, scanners, and battery and cell phone chargers. Most equipment and chargers draw electricity even when turned off.
- Turn off and unplug all appliances, including coffee makers, microwaves, televisions and radios. Like office equipment, many appliances still use some amount of electricity when turned off.
- Check windows to make sure they're shut tight and locked.
- If possible, refrigerators used for food storage should be emptied, cleaned and unplugged. Prop the door open slightly to allow air to circulate to avoid mildew.



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## Energy...

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- Close fume hood sashes completely.
- Check faucets in bathrooms and break rooms to make sure they are completely turned off and not dripping.
- If you notice any issue in your building that would require Facilities Services' attention, contact us at 962-3456 or [www.fac.unc.edu](http://www.fac.unc.edu).

Facilities Services thanks each of you for your participation and efforts throughout the year that have led to extraordinary energy savings on campus. Remember these tips to keep your buildings and workspaces safe and energy-efficient over the holidays – and they can help reduce energy costs in your home as well.

For more energy saving tips, visit the Energy Management department's web site, [www.save-energy.unc.edu/EnergyTips](http://www.save-energy.unc.edu/EnergyTips).

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## Energy Management brings home Energy Award

The University was recently awarded the Association of Energy Engineers' 2012 Region II Energy Award during the World Energy Engineering Congress that was recently held in Atlanta.

The prestigious award recognizes the extraordinary achievements of the University's Energy Conservation Measures (ECM) program, which has resulted in avoided energy costs of \$11.4 million over a two and a half year period.

The ECM program is a component of the University's official Energy Use Policy that was enacted in July 2009. It includes seven specific conservation measures that focus on the reduction of the campus' energy use and carbon footprint, such as reducing or eliminating the heating or cooling of spaces during unoccupied times and establishing appropriate temperature standards for facilities. All seven of the measures are carried out without compromising standards for the health and safety of the campus population.

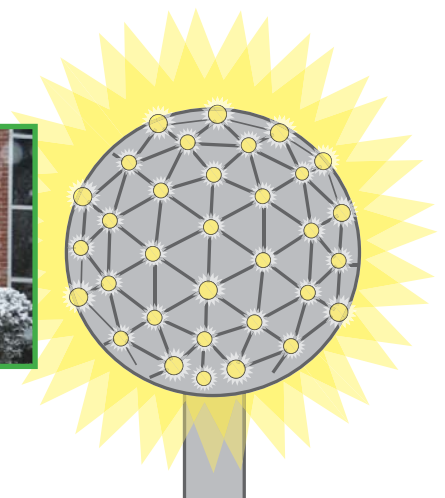
As of February 2012, the ECM program encompassed 134 campus buildings. In breaking down the \$11.4 million in avoided energy costs, the University achieved a 24.5% reduction in energy use and accumulated savings of 212.75 GWh of power, 69,000 metric tons of carbon dioxide and 44.4 million gallons of water.

The World Energy Engineering Congress is presented by the Association of Energy Engineers, a professional society of more than 16,000 energy engineering and management professionals from throughout the United States and nearly 90 nations abroad. The association's Region II is comprised of states throughout the Mid-Atlantic and southeastern United States, plus Washington, D.C. and Puerto Rico.

ECM Team members Tommy Anderson and Lane Adams accepted the 2012 award on behalf of UNC.

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## *Facilities Services looks forward to working with you in 2013!*



[www.facilities.unc.edu](http://www.facilities.unc.edu)

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*Contact us whenever we can be of service!*

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## SPOTS 3.0 introduced

A major upgrade to the University's Space and Occupancy Tracking System (SPOTS) was announced in November. SPOTS, managed by Facilities Services' Engineering Information Services (EIS) Department, is a web-based canonical system that provides individuals with comprehensive space management data on all buildings and rooms owned, occupied or otherwise used by the University.

Initially implemented in October 2008, the system has served as a means for departmental space coordinators to access space and occupancy information for their department(s) and submit data changes on a real-time basis. The system has continually evolved as necessary to meet the needs of the University; in the fall of 2010, SPOTS was modified to incorporate functionality from the School of Medicine's space management system.

The upgrade that was completed this past month has resulted in SPOTS 3.0. With this upgrade, all servers and platform software were replaced, yielding a system with improved speed and performance, as well as more user-friendly features and additional functionality.

New features of and improvements to the upgraded SPOTS 3.0 system include:

- A new, simplified interface, and simplified toolbars and drawing navigation;
- Interactive maps and floor plans with hover reports, legends and advanced search capabilities (i.e. buildings, departments and room types);
- More flexibility for printing floor plans and maps, including options to include title blocks, legends and personal notes;
- Streamlined reporting, including the ability to sort information and the ability to e-mail reports;
- An information management dashboard which can be personalized to display summary information relevant to each individual; and
- Some functionality on mobile devices, which is particularly beneficial when conducting field work and data collection.

All University employees have individualized access (via onyen username and password) to SPOTS 3.0 for viewing space and occupancy data, while sensitive data is protected. Visit <https://spots.unc.edu> to log on and access the wealth of available information.

EIS has been confirming space coordinators for each department and will contact the appropriate space coordinators directly to schedule training sessions.

If you have questions or would like more information on SPOTS 3.0, you may contact Abbas Piran, Director of EIS, at 919-962-9039 or by e-mail at [abbas@fac.unc.edu](mailto:abbas@fac.unc.edu).

*A wish for peace and happiness this holiday season and throughout the New Year!*



## Martin named Chancellor's Award winner

Each year, a select group of employees from throughout the University is honored with the prestigious Chancellor's Award. The awards were established in 1991 to recognize contributions made by employees based on meritorious or distinguished accomplishments, and over the years, many extraordinary individuals and achievements have been recognized. Facilities Services is pleased to announce that **Chris Martin**, Director of Energy Management, has been named recipient of this year's Chancellor's Award for Innovation.



**MARTIN**

Under Martin's leadership, the Energy Management department is leading a campus-wide energy conservation initiative that has reduced consumption on campus by more than \$16 million since July 2009, with a program-wide savings of 27%.

As one of 2012's recipients, Martin is also one of the University's nominees for the Governor's Awards for Excellence, the highest honor a state employee can receive.

Facilities Services is proud of Martin for representing the Division and serving the campus in such a professional manner – and for all of the accomplishments the University has achieved thanks to the support and participation from throughout the University community.