



Please turn out the lights!

Due to the unusually harsh winter in eastern Washington, our energy use is tracking 11% above “normal” for this time of year. There are many ways to cut your energy consumption—even just a little bit can help close the performance gap for the remaining FY17. For starters, switch off lights and equipment when you see they are not in use. **You can also help by... Teleworking** once a week. Using **network printers** and eliminating personal printers. Purchasing **energy efficient equipment**. Operating **lab equipment** sustainably (e.g., close fume-hood sashes when not in use or chill up ultra-low-temp freezers to -70°C).



PNNL places fifth for Bike Month

Sixty-seven staff participated in the Federal Bike Challenge. Both avid and occasional cyclists took time to track and log their rides, helping us achieve ...

A first-timer's bike-to-work story

—by Juliet Homer. It was my first bike-to-work day, but it won't be my last. I waffled up until the very last minute as to whether or not I would participate....



Teleworking by the numbers... on track to beat last year!



Highlights from "Bus to Work Day"

Celebrating Earth Month in April...Did you know you can buy a monthly pass on campus?



668 lbs. of bound books were recycled by our staff in celebration of **Earth Month!** We encourage donating used books to local charities and sharing them with colleagues too.



Creating parts for research

The Flow Industries Mach 3 Waterjet used by PNNLCrafts was recently awarded funding from the Sustainability Pay\$ program. It is capable of supporting material densities up to 100 pounds per square foot with a cut accuracy of plus or minus .015 inches. That's comparable to ...

New laboratory recognized as high performance and sustainable

The General Purpose Chemistry Laboratory (GPCL) was designed to use 30% less energy than a baseline building. The project team recently completed the *Guiding Principles for Sustainable Federal Buildings* process led by PNNL's Jason Pope to recognize the building as a *High Performance and Sustainable Federal Building*...



Fueling a sustainable future by Steven Ashby, PNNL Lab Director

Imagine a future in which agricultural, animal, and even human waste is used to produce fuels and high-value chemicals. This may seem far-fetched, but our researchers are working hard to make it a reality. They are reinventing ...



No other product provides such easy-to-use, expert-guided capabilities as the Sensor Suitcase does ...

"Expert in a suitcase" cuts power bills 10% in small commercial buildings

The knowledge and expertise of a seasoned energy efficiency professional has been packed into a high-tech suitcase (click picture for YouTube video) ...



"Show Us How You Recycle" contest...

Ready, set, recycle! Mike Roup of the National Security Directorate sent in his recycling selfie for the chance to win some cool swag.



New Economic Impact report...

Learn more about PNNL's FY16 funding and total spending, jobs, wages, purchased goods and services, health care, visitor spending, spinoff companies, and STEM support and corporate charitable contributions, as well as the economic impact of PNNL operations. Kudos to PNNL economist Michelle Niemeyer of the Energy & Environment Directorate, author of the report.



Scientists visit Sagebrush Montessori School for soil science lesson

Scientists from PNNL presented the fourth and final lesson in their after-school series at Sagebrush Montessori School in Richland, WA. In this lesson, students learned about mushrooms...follow STEM education on [Flickr](#).

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