

BARROWS DASHBOARD DISPLAYS SUCCESS

June 2012

Keen Eyes Identify an Energy Anomaly



In the first week of June, Duncan Callaway (left), an assistant professor in the Energy Resources Group, contacted myPower by email with a simple question: Why did the base load power at Barrows Hall bump up immediately after graduation and not go back down?

Professor Calloway and his students had noticed the spike that is evident in the snapshot below – where electricity use jumped seemingly overnight on May 17th.

Energy Office Tracks Down the Cause

The Energy Office used data and analytic capabilities of the dashboard software to sort through possible causes of the increased use.

They quickly found an equipment problem that was the cause and resolved the issue, returning the equipment to its previous work settings. The immediate impact is visible with the instantaneous drop in use in early July.



How Much Did We Save?

According to the Energy Office, without the dashboard and assuming this problem had gone unnoticed, the annual avoided costs could have been as high as \$45,000.

According to Vice Chancellor Ed Denton, “This shows us how the customers who pay attention can be very helpful to us in achieving the goal of reducing energy use and greenhouse gas emissions.”



How You Can Help

Have you noticed a change in the electricity use in your building? Send an email to myPower@berkeley.edu and we'll check it out.