



Throughout our region, electric utilities and businesses are worried about the supply and price of energy. Sometimes it seems like quality solutions are hard to come by. Untrue! The Lighting Design Lab and our sponsors have been demonstrating quality energy saving solutions for lighting and daylighting for a dozen years. We

frequently provide solutions that save over 25% of the lighting energy in existing businesses. How?

• **Get the right light**

Check your spaces to see how much light you have and how many lamps are in your luminaires. Older light fixtures using 4 bulbs may not be providing more light than a modern 2 or 3 lamp system. Look at how much daylight is coming through your windows — some daylight offices may need only a task light. Delamping or relamping may be the first step to getting the right light. See the article on page 2 for assistance on delamping.

• **Don't use it when you don't need it**

The most efficient light is the one that is off when it is not needed. Automated lighting controls help ease the hassle of shedding load in your building — often more than 15% savings through occupancy and daylight controls. Some occupancy controls also sense daylight. See the article on page 3 for details of the effect of switching on lamp life.

• **Make daylight your partner**

Daylight — the diffuse light of the sky, not direct sunlight — is a powerful ally in the battle for energy savings. It is delivered free to your doorstep, it makes workers and students more productive, and helps retailers improve sales. Today's design techniques and controls can help you tame the sun and make it your energy ally.

None of this is news. Over the past decade, the LDL has highlighted businesses like Northwest Industries and the Northwest Federal Credit Union. These companies combined daylight and electric lighting to make their buildings more efficient *and* more productive.

We have completely revamped our class series, with a new, comprehensive curriculum and reference textbook. The new series is based on the 2001 Revision of the *Advanced Lighting Guidelines*. See the article about our new curriculum on page 7. Details of our exciting new fall class series is inside this newsletter, as well as always being online at www.lightingdesignlab.com.

responding to
the energy crisis
— without panic.



Northwest Industries Retrofit.
Daylighting & Electric Light •
photography, Barbara Erwine

This glass manufacturer added skylights and switched to metal halide lamps for a dramatic improvement in visual clarity and productivity.

News

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