GIVE YOUR BUILDING AN ENERGY TUNE-UP!

It’s that time of year again! SEDAC annually offers these energy tips for building operators to encourage periodic maintenance that can improve energy efficiency and reduce costs:

**Lighting and Supplemental Loads:**
- Follow a strategic lighting maintenance plan of scheduled group relamping and fixture cleaning
- Measure and ensure proper light levels
- Calibrate lighting controls

**Building Envelope:** Tighten the building to reduce air infiltration by locating and sealing all air leaks in the windows, doors, walls, and roofs.

**Controls:** Calibrate the indoor and outdoor building sensors. Calibration of room thermostats, duct thermostats, humidistats, as well as pressure and temperature sensors should be in accordance with original design specifications. Calibrating these controls may require specialized skills or equipment, such as computer software.

**Heat Exchange Equipment:** Clean the air side of heating and cooling coils - either within an air handler or a rooftop unit - to reduce deposit buildup. Replace filters on a regular basis.

**Heating and Cooling System:**
- Conduct a boiler tune-up and steam trap maintenance
- Maintain cooling towers
- Clean air cooled condenser coils
- Replace refrigerant filters as needed

**Algonquin Township**

*Project: Interior and Exterior Lighting Upgrades*

Algonquin Township upgraded the lighting inside and outside six buildings at their highway maintenance complex with the help of DCEO incentives. The Township installed a variety of fixtures, including bi-level fixtures with integrated occupancy sensors, highbay fluorescents, and exterior LED floodlights. They also delamped several existing fixtures with excess lighting capacity.

**In Their Words:** “This was the smoothest, nicest grant process I have ever experienced. We couldn’t be happier with the savings we’re seeing.” – Bob Miller, Highway Commissioner

<table>
<thead>
<tr>
<th>Installation Cost</th>
<th>$55,801</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incentives Received</td>
<td>$26,242</td>
</tr>
<tr>
<td>Cost After Incentives</td>
<td>$29,559</td>
</tr>
<tr>
<td>Estimated Annual Energy Cost Savings*</td>
<td>$6,665</td>
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<tr>
<td>Simple Payback (years)</td>
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</tbody>
</table>

*Based on Illinois average electricity costs.

**Does your project deserve a shout-out? Contact holly@sedac.org**

INCENTIVE APPLICATION ASSISTANCE

Need help with your DCEO Illinois Energy Now application? FREE HELP is available! SEDAC staff can provide assistance with applications. Or contact one of the other free DCEO programs below.

- Contractors from DCEO’s Trade Ally program
- Illinois Association of County Board Members Contact Carol Kulek at kulek79@aol.com
- Metropolitan Mayors Caucus Contact Mike Stanch at michael@360eg.com
- Shelton Solutions Inc. - Public Schools Contact Kelly Shelton at kelly@shelton-solutions.com

Smart phone app to help calculate DCEO incentives for public sector is available from SEDAC partner, 360EG.
DCEO NEWS

PUBLIC SECTOR NATURAL GAS BOILER TUNE-UP PROGRAM

Boiler Tune-Ups typically result in up to 6% efficiency gain in boiler operation, yielding payback periods of less than six months in most cases. Additional details available HERE

Incentives are available for:
- Natural Gas Boiler Tune-ups
- Steam Traps
- Pipe Insulation
- Boiler Reset Controls
- Parallel Positioning Controls

2013-2014 PUBLIC SECTOR ENERGY EFFICIENCY GUIDELINES
www.ilenergynow.org

Highlights
- Sweet Deal special bonus of 5% for all projects completed by February 14, 2014
- Qualifying incentive is limited to 75% of the Total Project Cost (before Sweet Deal Bonus)
- Total Project Cost = Cost to purchase + install the qualifying measures including labor costs
- Double-Up Natural Gas Incentive continues in the Standard and Custom Programs; Custom Incentive is $3 per therm reduced thru May 15, 2014.

WASTE WATER TREATMENT PLANTS

Use the following link to see the new Clean Water Energy Efficiency Initiative, which provides an enhanced incentive to waste water treatment plants (WTP) for High Speed Turbo Aeration Blowers. For leveraging DCEO funds, the Illinois Clean Energy Community Foundation also provides incentives to WTP and IEPA has a loan program available.


SEDAC WORKSHOP

REGISTER TODAY!
Details at training.sedac.org

Getting to Efficiency
Tips For Managing and Retrofitting Your Building
Cost effective energy efficiency strategies for existing buildings, the retro-commissioning process, and valuable performance benchmarking tools

Target audience: Operators & managers of existing buildings
November 21: Chicago
REGISTER

EVENTS

2013 ILLINOIS BETTER BUILDINGS: BETTER BUSINESS

December 10-11, 2013
Crowne Plaza Chicago O’Hare Hotel & Conference Center
REGISTER

2014 MIDWEST ENERGY SOLUTIONS CONFERENCE

January 14-16, 2014
Fairmont Hotel, Chicago
REGISTER at www.meeaconference.org

NEWS

ISBE IS ACCEPTING SCHOOL ENERGY EFFICIENCY GRANT APPLICATIONS

The Illinois State Board of Education is accepting applications (by 11/27/13) for school energy efficiency upgrades. $20M will be awarded, maximum $250K per district. For eligible items, please visit:

http://www.isbe.net/sbss/ee_grants.htm