



DCEO ILLINOIS ENERGY NOW

SPOTLIGHT ON ENERGY SAVINGS



John A. Logan College

Campus Energy Efficiency Upgrades



John A. Logan College is a community college in Carterville, serving almost 15,000 students annually. The campus has a strong commitment to sustainability, with memberships in several national sustainability programs and an array of “green” courses to help students advance in the growing green economy.

Likewise, the campus facilities team is making strides to increase the efficiency of facilities on campus. The college has participated in the Illinois Energy Now incentive program since 2009. In 2011,

SEDAC completed an energy assessment for the Community Health Education Building and started the two-year retro-commissioning process for many of the other campus buildings.

Logan College has completed a wide range of energy efficiency projects, including:

- Interior lighting upgrades in most campus buildings
- Parking lot lighting upgrades throughout campus
- Steam trap replacements and two boiler tune-ups
- Convert pneumatic steam valve controls to direct digital
- Two new high efficiency chillers
- Demand controlled ventilation
- Replace electric heat with HE gas units in a building
- High efficiency pool heating boilers

Project Economics

Estimated annual electricity savings (kWh)	1,386,822
Estimated annual gas savings (therms)	20,429
Incentives Received	\$411,171
Estimated Annual Energy Cost Savings	\$115,872



In Their Words:

“We can’t say enough about the great work the staff at SEDAC and DCEO’s Energy Office does in providing guidance and assistance to those of us seeking to increase energy efficiency, conserve energy, and reduce utility costs. Taking advantage of IL Energy Now incentive programs has enabled John A. Logan to achieve one of the lowest energy cost per square foot of any IL college. It has helped us keep tuition costs down while showing a strong commitment to environmental responsibility.” – Tim Gibson, Director of Buildings and Grounds



Illinois
Department of Commerce
 & Economic Opportunity



March 2015