

# THE POWER OF ENERGY EFFICIENCY IN NONPROFITS



Every dollar a nonprofit saves in energy costs is one more dollar it can use to provide programs and services.

## ENERGY MANAGEMENT IN NONPROFITS

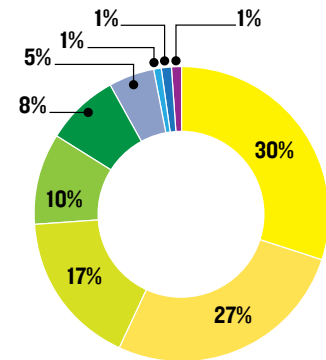
In a recent survey of more than 5,000 nonprofits nationwide, 41% of the organizations reported that achieving long-term financial sustainability is the greatest challenge they face. One step toward achieving financial sustainability is to reduce operating costs through energy efficiency. Projects designed to increase the energy efficiency of lighting, HVAC and other systems reduce energy use and costs. They can also enhance the well-being and productivity of building occupants by improving light quality, indoor air quality and thermal comfort.

The ComEd Smart Ideas® Energy Efficiency Program offers **free on-site energy assessments** to help organizations identify and prioritize energy efficiency projects and **cash incentives** to reduce their cost. Contact us today to help you get started.

## SMART IDEAS FOR REDUCING ENERGY USE

Nonprofits include a broad range of building types and operations—including offices, churches, kitchens, classrooms and auditoriums. ComEd Smart Ideas® has numerous incentives available to help every part of your nonprofit operate more efficiently.

ELECTRICITY CONSUMPTION BY END USE—NONPROFITS



- OTHER
- LIGHTING
- COOLING
- REFRIGERATION
- VENTILATION
- HEATING
- COMPUTER EQUIPMENT
- OFFICE EQUIPMENT
- WATER HEATING

Source: U.S. Energy Information Administration

## INDOOR AND OUTDOOR LIGHTING INCENTIVES

- » T8 and T5 fluorescent lamps and fixtures
- » LED lamps, fixtures and signage
- » Bi-level stairwell/hall/garage fixtures
- » Sensor-controlled wall pack fixtures
- » Occupancy sensors
- » Daylighting controls
- » Photocells
- » Time clocks
- » Lighting control systems

## COMMERCIAL KITCHEN INCENTIVES

- » Kitchen demand ventilation controls
- » Electronically commutated motors
- » ENERGY STAR® refrigerators, freezers and ice makers
- » ENERGY STAR hot food holding cabinet
- » Beverage and snack machine controls
- » Anti-sweat heater controls for glass door cooler/refrigerator

## BUSINESS ENERGY ASSESSMENTS

- » A free, on-site facility assessment conducted by a ComEd engineer to identify energy efficiency opportunities eligible for incentives

## COMPUTER INCENTIVES

- » Network desktop computer power management software

## NEW CONSTRUCTION SERVICE

- » Cash incentives and technical assistance, such as energy modeling, to support architects and engineers in designing high-performance buildings

## RETRO-COMMISSIONING INCENTIVES

- » Expert analysis of building systems that identifies no-cost and low-cost operational improvements to optimize electricity and gas usage

## HVAC INCENTIVES

- » HVAC rooftop unit tune-up
- » Building energy management system
- » Demand controlled ventilation (interior and parking garage)
- » Demand controlled ventilation (kitchen exhaust hoods)
- » Air-side economizer
- » ECM on fan-powered box
- » Restroom exhaust fan occupancy sensors
- » Wireless DDC thermostat
- » Water- and air-cooled chillers
- » VSD on HVAC chiller, fan or pump
- » Chilled water reset controls
- » High-efficiency water pumps and retrofits



### PROJECT SNAPSHOT → OMNI YOUTH SERVICES

#### MEASURES IMPLEMENTED

- T12 to T8 retrofits; screw-in LED lamps; occupancy sensors; LED exit signs; vending machine controls; outdoor LED lighting

#### TOTAL PROJECT COST

- \$44,309

#### ESTIMATED ANNUAL ENERGY SAVINGS

- 165,225 kWh

#### ESTIMATED ANNUAL COST SAVINGS

- \$12,391\*

#### SMART IDEAS INCENTIVE RECEIVED

- \$25,477

#### ESTIMATED PAYBACK PERIOD WITHOUT SMART IDEAS INCENTIVE

- 3.6 years

#### ESTIMATED PAYBACK PERIOD WITH SMART IDEAS INCENTIVE

- 1.5 years



### PROJECT SNAPSHOT → PAV YMCA OF BERWYN AND CICERO

#### MEASURES IMPLEMENTED

- New T8/T5 fixtures; occupancy sensors; LED exit signs; indoor and outdoor LED lighting; photocells

#### TOTAL PROJECT COST

- \$49,075

#### ESTIMATED ANNUAL ENERGY SAVINGS

- 197,350 kWh

#### ESTIMATED ANNUAL COST SAVINGS

- \$14,801\*

#### SMART IDEAS INCENTIVE RECEIVED

- \$15,228

#### ESTIMATED PAYBACK PERIOD WITHOUT SMART IDEAS INCENTIVE

- 3.3 years

#### ESTIMATED PAYBACK PERIOD WITH SMART IDEAS INCENTIVE

- 2.3 years

## FOR MORE INFORMATION

For more information about ComEd Smart Ideas incentives, visit [ComEd.com/BizIncentives](http://ComEd.com/BizIncentives), call 855-433-2700 during normal business hours to speak with a ComEd Smart Ideas service representative or email us at [SmartIdeasBiz@ComEd.com](mailto:SmartIdeasBiz@ComEd.com).

\*Estimated annual cost savings are based on an electricity rate of 7.5 cents per kWh.