

## New York Energy Smart<sup>SM</sup> Programs Can Help You Save Money

- Energy Audit Program - provides energy audits for small businesses and other facilities with annual electric bills of less than \$100,000 to help them make informed electrical decisions and implement energy efficiency strategies. [www.nyserda.org/programs/energyaudit.asp](http://www.nyserda.org/programs/energyaudit.asp)
- Enhanced Commercial/Industrial Performance Program - provides pre-qualified incentives for lighting and controls, commercial kitchen equipment, motors, HVAC equipment, variable speed drives, commercial refrigeration equipment and ENERGY STAR<sup>®</sup> commercial clothes washers. It also provides cash back for the installation of electric-efficiency measures. [www.nyserda.org/programs/Commercial\\_Industrial/default.asp](http://www.nyserda.org/programs/Commercial_Industrial/default.asp)
- Loan Fund Program - provides interest rate reductions on loans for energy efficiency projects and renewable technologies to eligible business owners. [www.nyserda.org/loanfund/default.asp](http://www.nyserda.org/loanfund/default.asp)
- Technical Assistance Program - provides rate analysis and aggregation studies, long-term energy management, and energy feasibility studies on a cost-shared basis. [www.nyserda.org/programs/Technical\\_Assistance/default.asp](http://www.nyserda.org/programs/Technical_Assistance/default.asp)

Review more about these programs and other New York Energy Smart<sup>SM</sup> programs at [www.nyserda.org/programs/default.asp](http://www.nyserda.org/programs/default.asp)



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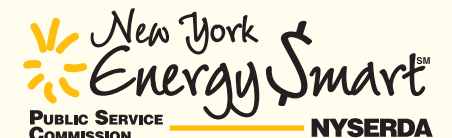
# Energy Efficiency and the Hospitality Sector

## NYSERDA Programs Can Help Small Properties Save on Energy Costs

- With energy-efficiency improvements, you can
- enhance the comfort of your guests
  - improve the environment
  - improve your bottom line!



The Mansion on Delaware Avenue - Buffalo, NY



According to ENERGY STAR®, reducing energy costs by just 10% is equivalent to a \$0.62 ADR increase for limited service hotels and a \$1.35 ADR increase for full service hotels. Here are just a few of the ways you can save on energy costs:

## Lighting

By replacing incandescent lamps with energy-efficient compact fluorescent lamps (CFLs), you can save a significant amount of energy.

- A 27 watt CFL provides the same amount of light as a 100 watt incandescent lamp.
- CFLs can last up to 10,000 hours, 10 times the life of an incandescent lamp.
- A CFL is cost-effective even when used only 2-3 hours per day.

### Examples of savings:

**Common Areas:** by replacing 100 incandescents with CFLs in hallways, reception and other common areas where lights are on 24/7, a hotel can save up to \$5,700 per year (based on electricity rate of 12 cents per kWh).

**Guest Rooms:** by replacing 100 incandescents with CFLs in guestrooms, a hotel can save up to \$1,248 per year. These savings can be improved by the installation of occupancy sensors in the guest room and bath.



Gideon Putnam Veranda - Saratoga Springs, NY

## Energy-Efficient Ice Makers

High efficiency ice-makers save an estimated 20% a year in energy costs over standard ice-makers. High-efficiency ice-makers are built with better insulated walls and advanced compressors that reduce electricity use in the freezing and harvesting cycles. With these savings, **your investment pays for itself in less than one year.**

For a list of energy-efficient ice-makers, visit <http://www.cee1.org/com/com-ref/im-prod.pdf>

For information on energy efficient refrigerated vending machines, commercial ice-makers and other refrigeration equipment, go to the “Cool It! with New York Energy Smart<sup>SM</sup>” website at [www.nyscrda.org/programs/Commercial\\_Industrial/coolit.asp](http://www.nyscrda.org/programs/Commercial_Industrial/coolit.asp)

## Commercial Kitchen Equipment

**High-efficiency gas griddles** reduce energy use with better construction and solid state controls. They save an estimated 5% a year over standard griddles.

**High-efficiency combination ovens** offer consistent cooking quality, better moisture retention and less food shrinkage and can cook in three modes. They save an estimated 39% a year over standard conventional ovens.

**High-efficiency holding cabinets** are built with insulating walls that use less energy and hold food longer. The savings are 43% a year over standard cabinets.

**High-efficiency solid-door refrigerators and freezers** are built to save you energy and money with the most efficient components and high-quality construction features. Savings range from an estimated 35% to 54% a year in energy costs over standard units.



## Energy-Efficient Refrigerated Vending Machines

High-efficiency refrigerated beverage vending machines can use less than half as much electricity as comparably-sized standard efficiency models. The improvement in energy performance is achieved by using more efficient compressors, evaporator and condenser fans, and higher-efficiency fluorescent lighting than standard efficiency models. Newer high-efficiency vending machines come with low-power mode controls, allowing the machine to be programmed for lower energy consumption during periods when the facility is not occupied or usage is low. When these controls are used, **energy cost savings of up to 70% compared to standard-efficiency machines are possible.**

For a list of energy-efficient refrigerated beverage vending machines, visit <http://www.energystar.gov>

For information on energy efficient refrigerated vending machines, commercial ice-makers and other refrigeration equipment, go to the “Cool It! with New York Energy Smart<sup>SM</sup>” website at [www.nyscrda.org/programs/Commercial\\_Industrial/coolit.asp](http://www.nyscrda.org/programs/Commercial_Industrial/coolit.asp)