



Energy Efficiency Rebates for Healthcare Facilities

Appalachian Power Commercial and Industrial Program helps you manage the cost of energy saving upgrades so you can reduce energy use and lower your energy bills. Rebates of 6¢ per kWh saved are available for interior and exterior lighting, HVAC systems, food service equipment and more.

Quality lighting for less

On average, lighting accounts for 43 percent of the electricity used within in-patient healthcare facilities, making it the largest electrical energy cost for most hospitals. This program provides lighting rebates that help you reduce operational costs while improving lighting issues such as glare in patient rooms and nurse stations. Overhead lighting retrofits, occupancy sensor installations and exit sign upgrades are just a few of the energy-saving projects that qualify for lighting rebates.

Save big with HVAC improvements

If your healthcare facility is like most, running sophisticated heating, ventilation and air conditioning (HVAC) systems is the second-largest contributor to your annual electricity costs. This program offers HVAC rebates that can help you cost-effectively install variable frequency drives (VFDs) and other HVAC controls that will save energy while improving temperature control, air flow and air quality.

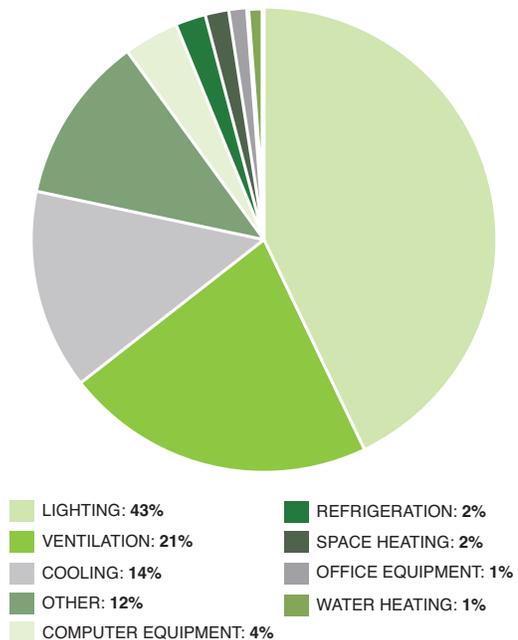
Efficient appliances that you can afford

The industrial appliances that healthcare facilities use to cook meals often demand a large amount of energy. Foodservice rebates available through this program can help you finance the purchase and installation of energy-efficient technologies that will optimize your kitchen facilities. Rebates are available for various ENERGY STAR® appliances including ice machines, refrigerators, steam cookers and griddles.

How will I benefit from an upgrade?

- **Cash rebates reduce upfront costs:** rebates of 6¢ per kWh help with upfront costs of purchasing and installing energy-efficient equipment.
- **Lower electric bills:** upgrading equipment and appliances to high efficiency reduces electric use, and thus your electric bills.
- **Improved healing environments:** increasing patient and employee comfort and safety with newer high efficiency systems can lead to better productivity.

AVERAGE ELECTRICITY CONSUMPTION IN IN-PATIENT CARE FACILITIES



Source: E-source



Common eligible projects include, but are not limited to:

PROJECT	UNIT	ESTIMATED ANNUAL ENERGY SAVINGS (KWH) ¹	ESTIMATED ANNUAL ENERGY COST SAVINGS ²	REBATE ³
Chiller replacement	Per chiller	30,000	\$3,000	\$1,800
Full-size hot food holding cabinet	Per unit	5,250	\$525	\$300
ENERGY STAR 5-pan steam cooker	Per unit	5,130	\$510	\$300
ENERGY STAR convection oven	Per unit	3,200	\$320	\$180
Occupancy sensor for a beverage vending machine	Per 500-can vending machine	1,800	\$180	\$85
Incandescent to LED retrofit in freezer space (replacement of a 65-watt lamp with a 12-watt LED)	Per lamp replaced	275	\$27	\$16
Installing a bathroom occupancy sensor to control four 2-lamp fluorescent fixtures	Per fixture replaced	320	\$32	\$19
T12 to LED lighting (retrofit of 4-lamp, 4' fixture with 2-lamp 18-watt LED lamps)	Per fixture replaced	790	\$79	\$47
Replacing a 400-watt metal halide exterior area light with a 100-watt exterior LED	Per lamp replaced	1,370	\$137	\$82

Lighting operating hours were taken from the Pennsylvania Technical Reference Manual (TRM). Prescriptive measure energy savings are based on operating hours from Table 3-4 of the 2014 Pennsylvania TRM (5,182). Energy savings calculations are based on Pennsylvania's 2014 TRM Appendix C, Lighting Audit and Design Tool.

²Estimated energy cost savings are calculated based on a rate of \$0.10 per kWh.

³Rebates will vary based on facility type and hours. Consult a program engineer for information.

Eligibility

You must be a non-residential customer with facilities located in Appalachian Power's or American Electric Power's service territories.

Participation is simple

- 1 Download the application at TakechargeWV.com/business.
- 2 Within 60 days of installation, submit your completed application form with product specifications, dated invoices, installation date(s) to:

Email

takecharge-business@cleareresult.com

Mail

Take Charge Business Program
Post Office Box 4909
Charleston, WV, 25364

Fax

304-935-4852

- 3 After the project is complete (and in some cases inspected and verified), an incentive check will be sent to the facility owner's specified recipient.

Questions?

Call **877-428-5427**, visit TakechargeWV.com/business or email takecharge-business@cleareresult.com.

