



TAKE CHARGE™

Energy Efficiency Rebates for Healthcare Facilities

Appalachian Power Commercial and Industrial Programs help 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, food service equipment and more. Rebates of 12¢ per kWh saved are available for installation of HVAC measures.

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.

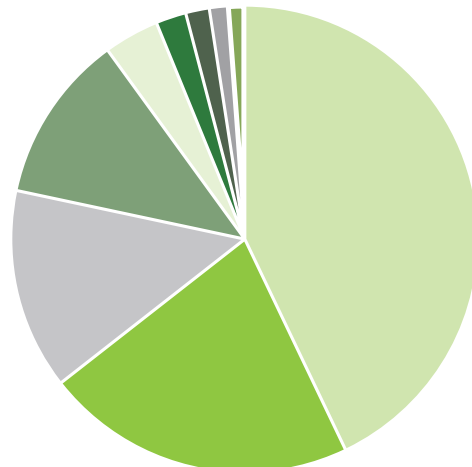
Save big with HVAC improvements

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.

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 HEALTHCARE FACILITIES



- LIGHTING: 43%
- VENTILATION: 21%
- COOLING: 14%
- OTHER: 12%
- COMPUTER EQUIPMENT: 4%
- REFRIGERATION: 2%
- SPACE HEATING: 2%
- OFFICE EQUIPMENT: 1%
- WATER HEATING: 1%

Source: E-source



Common eligible projects include, but are not limited to:

| PROJECT | UNIT | ESTIMATED ANNUAL ENERGY SAVINGS (KWH) | ESTIMATED ANNUAL ENERGY COST SAVINGS ¹ | REBATE ² |
|---|-----------------------------|---------------------------------------|---|---------------------|
| Replace existing 300-ton air-cooled chiller with a new chiller having an IPLV of 13.5 | Per chiller | 12,047 | \$963 | \$1,445 |
| ENERGY STAR® 5-pan steam cooker | Per unit | 17,332 | \$1,386 | \$1,039 |
| Occupancy sensor for a beverage vending machine | Per 500-can vending machine | 1,800 | \$144 | \$108 |
| T12 to LED lighting (retrofit of 4-lamp, 4' fixture with 2-lamp 18-watt LED lamps) | Per fixture replaced | 231 | \$18 | \$14 |
| Replacing a 400-watt metal halide exterior area light with a 100-watt exterior LED | Per lamp replaced | 1,372 | \$110 | \$82 |

¹Estimated energy cost savings are calculated based on a rate of \$0.08 per kWh.
²Rebates 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 Utilize our application portal or download the application at TakeChargeWV.com/business.
- 2 All projects require pre-approval from program staff prior to installation. After pre-approval, installation may begin. Within 90 days of project approval, the applicant must complete the project or request and receive another 90-day waiver. After installation is complete, submit your completed application form with product specifications, dated invoices and installation date(s) to:

Email

takecharge-business@clearesult.com

Mail

Take Charge Business Program
 3100 West Road, Building 3, Suite 200
 East Lansing, MI 48823

- 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.

See the wide variety of energy efficiency programs offered to you by **Appalachian Power** at TakeChargeWV.com

Questions?

Call **888-261-4567**, visit TakeChargeWV.com/business or email takecharge-business@clearesult.com.



TAKE CHARGE™