

## **Pennsylvania Act 129 – Energy Rebate Requirements**

Bloomsburg University will typically apply for *PPL Electric Utilities E-Power Rebates* on all applicable renovation and new construction projects.

<https://www.pplelectric.com/save-energy-and-money/rebates-and-discounts/business-and-nonprofit.aspx>

Application requirements will typically be provided by the parties as follows.

### Items by Bloomsburg University

- Signed application
- Copies of PPL electric utility bills
- W-9 form
- Documentation of tax-exempt status

### Items by Design Professionals

- Where practicable during design, lighting fixtures, HVAC equipment, and appliances should be specified that fall under the prescriptive rebate items that are listed on the pages that follow
- LED lighting fixtures are strongly preferred. To qualify, they need be either ENERGY STAR® or Design Lights Consortium Listed
  - [http://www.energystar.gov/index.cfm?c=products.pr\\_find\\_es\\_product](http://www.energystar.gov/index.cfm?c=products.pr_find_es_product)
  - <http://www.designlights.org/QPL>
- On renovation projects, provide ROI (Return on Investment) calculations for specified fixtures/equipment compared to existing fixtures/equipment.
  - BU will provide data on electric cost rates and building operating hours
- When applicable, provide copy of COMcheck

### Items by Contractors

- Provide catalog cut sheets for fixtures and equipment, per standard submittal process
- After payment has been made for applicable fixtures/equipment, provide copies of vendor invoices marked as paid



## Rebates for Business Customers

Effective June 1, 2013

Measure	Qualification	Rebate	
RETROFIT LIGHTING			
T5 or T8 Fixtures	New T5 or T8 lamps and ballast	\$4 / lamp	
High Performance T8 Fixtures	Replacing T12 or T8 lamps and ballast. Lamps must be listed on CEE database <a href="http://www.cee1.org">www.cee1.org</a>	\$6 / lamp	
	Replacing T8. Replacement lamps must be lower wattage and listed on CEE database <a href="http://www.cee1.org">www.cee1.org</a>	\$1 / lamp	
Delamping (The measure cannot be combined with a T12 to T8 or T5 rebate)	Replace or retrofit existing T12 or T8 fixture with new T8 or T5 fixture with one or more lamps removed than the original number of lamps. Retrofitted or new fixture must include electronic ballast.	2' or 3' lamp, 1 or more lamps removed	\$10 / lamp installed (max. 2 lamps)
		4' lamp, 1 lamp removed	\$10 / lamp installed
		4' lamp, 2 lamps removed	\$20 / lamp installed
		(2) 8' lamp fixture to (2) 4' lamps installed.	\$30 / fixture
		(2) 8' lamp fixture to (3) 4' lamps installed.	\$30 / fixture
High Bay Lighting T5HO Fixtures	≥ 100 watts. Must replace ≥ 150 watts Rebate is per lamp installed. New and retrofit fixtures are eligible	\$16 / lamp	
High Bay Lighting T8 Fixtures		\$12 / lamp	
Pulse Start Metal Halide or Ceramic Metal Halide	≤ 320 watts. Lamps and ballast must be changed.	\$25 / fixture	
	> 320 watts. Lamps and ballast must be changed.	\$50 / fixture	
CFL Pin-Base Fixtures	Must be ENERGY STAR® listed.	\$30 / fixture	
CFL Screw-In Bulbs	Must be ENERGY STAR® listed. Cannot be previously discounted by PPL Electric Utilities; not for inventory or new construction.	50% of the cost of the bulb up to \$1.50 / bulb	
LED Screw-In Bulbs/Lamps	Must be ENERGY STAR® listed. Cannot be previously discounted by PPL Electric Utilities; not for inventory or new construction.	50% of the cost of the bulb up to \$5 / bulb	
LED Exit Signs	LED replacing incandescent or CFL	\$25 / fixture	
LED or Induction Lighting Fixtures	ENERGY STAR® or Design Lights Consortium Listed.*	\$0.10 per kWh saved in first year up to 50% of measure cost	
LED or Induction Lighting with Integrated Controls	ENERGY STAR® or Design Lights Consortium Listed* fixtures with integrated controls such as occupancy sensors or daylighting controls.	\$0.08 per kWh saved in first year up to 50% of measure cost	
Occupancy Sensors	Wall, Ceiling or Fixture Mounted	Up to \$45 / sensor	
LED Street Lighting/ Area Lighting	ENERGY STAR® or Design Lights Consortium Listed.*	\$0.10 per kWh saved in first year up to 50% of measure cost	
NEW CONSTRUCTION			
PPL Electric Utilities encourages all new construction to be as energy-efficient as possible to provide customers with lower energy costs. A rebate of \$0.10/kWh saved in the first year is paid for energy efficiency achieved above ASHRAE 90.1-2007. Please contact E-power Solutions at 1-866-432-5501 to learn about the documentation required to qualify for new construction rebates.			

\* Exceptions will require LM79/LM80 data and PPL Electric Utilities approval.

Visit [ppllectric.com/e-power](http://ppllectric.com/e-power) for more information and application forms.

Measure		Qualification	Rebate	
HVAC				
Air-Source Heat Pump < 5.4 tons	SEER 15	\$100 / unit		
	SEER 16	\$200 / unit		
Air-Source Heat Pump ≥ 5.4 tons and < 11.25 tons	11.5 EER, 3.3 COP	\$25 / ton		
Air-Source Heat Pump ≥ 11.25 tons and < 20 tons	11.1 EER, 3.2 COP	\$20 / ton		
Air-Source Heat Pump > 20 tons	10.0 EER, 3.2 COP	\$15 / ton		
Ductless Mini Split Heat Pumps ≤ 5.4 tons	15.0 SEER, 8.6 HSPF	\$100 / ton		
	17.0 SEER, 9.5 HSPF	\$150 / ton		
	19.0 SEER, 10.5 HSPF	\$200 / ton		
REFRIGERATION				
Evaporator Fans Walk-In Cooler or Walk-In Freezer	Replacement of an existing standard-efficiency shaded-pole (SP) evaporator fan coil with an Electronically Commutated Motor (ECM)	16W – 36W	\$60 / unit	
		37W – 48W	\$90 / unit	
		>48W	\$120 / unit	
	Replacement of an existing standard-efficiency Permanent Split Capacitor (PSC) with an Electronically Commutated Motor (ECM)	16W – 36W	\$20 / unit	
		37W – 48W	\$30 / unit	
		>48W	\$40 / unit	
Evaporator Fans Reach-In Cooler or Reach-In Freezer	Replacement of an existing standard-efficiency shaded-pole (SP) evaporator fan coil with an Electronically Commutated Motor (ECM)	< 16W	\$40 / unit	
		16W – 36W	\$70 / unit	
		>36W	\$90 / unit	
	Replacement of an existing standard-efficiency shaded-pole (SP) evaporator fan coil with a Permanent Split Capacitor (PSC)	< 16W	\$30 / unit	
		16W – 36W	\$40 / unit	
		>36W	\$50 / unit	
	Replacement of an existing standard-efficiency Permanent Split Capacitor (PSC) with an Electronically Commutated Motor (ECM)	< 16W	\$10 / unit	
		16W – 36W	\$20 / unit	
>36W	\$30 / unit			
APPLIANCES				
Ice Makers	Must be ENERGY STAR® listed or Consortium for Energy Efficiency (CEE) Tier 2	\$115 / unit		
Steam Cookers	Must be ENERGY STAR® listed	\$100 / pan		
Commercial Reach-In Refrigerator	ENERGY STAR® listed replacement units > 30 cu. ft. Cases with remote refrigeration systems are not eligible	\$70 / unit		
AGRICULTURE				
Farm Energy Assessments	Residential and Small C&I farming customers	Free to customers who complete assessment through approved contractor		
Thermostat for Ventilation Fans	Units controlling ventilation	\$25 / unit		
VSD Controllers for Dairy Vacuum Pumps	UL Listed, meets Institute of Electrical and Electronics Engineers (IEEE) standards	\$5 / cow		
High Volume, Low Speed Fans	Must be tested by Air Movement & Control Association (AMCA) > 16 ft. in diameter	\$750 / fan		
Dairy Scroll Compressors	Scroll compressors used in milk cooling systems	\$250 / unit		
Low-Pressure Irrigation Systems	Replacement systems operating on 50% or less than existing system pressure	\$20 / acre		
Livestock Waterers	Thermatically controlled with 2 inches or more of factory-installed insulation	\$40 / unit		

See our Custom Incentive Program for financial incentives on custom electrical energy savings projects that are not within the scope of fixed rebate incentives. Measures, qualifications and rebate amounts subject to change without notice to comply with applicable regulations, and supply and funding availability. Some restrictions apply. Rebates not to exceed purchase price. Visit [ppl electric.com/e-power](http://ppl electric.com/e-power) for the most current program information, eligibility requirements and application forms. Promotional material created by PPL Electric Utilities for distribution by retailers, vendors and contractors. PPL Electric Utilities is not responsible for any modifications subsequently made to these materials by such retailers, vendors or contractors. For questions, residential customers should call 1-866-660-4551 and business customers should call 1-866-432-5501. Chart last updated 9/12/2013.

CUSTOM INCENTIVE PROGRAM		
Measure	Rebate	Limit
Equipment, Project or Process Improvement Incentive	\$0.08/kWh saved in first year	Up to \$250,000 per customer site per year or \$1 million per parent company per year for customers with multiple sites. Caps are per program year. Incentive cannot exceed 50% of the incremental cost.
Combined Heat and Power (CHP) Projects	\$0.05/kWh saved in first year	

Pre-Qualification is required before measures are installed and operational in order to qualify for Custom rebates.

RESIDENTIAL
<p>Non-residential customers are also eligible for rebates on the following residential measures:</p> <ul style="list-style-type: none"> <li>Residential size refrigerator</li> <li>Air source heat pump</li> <li>Heat pump water heater</li> <li>Pool pump</li> <li>Appliance recycling</li> </ul> <p>Please visit <a href="http://www.pplelectric.com/e-power">www.pplelectric.com/e-power</a> for additional details.</p>