



Save
Energy

Save \$\$ on
Utility Bills

Help Your
Farm's
Bottom Line

Want more information?

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION



Farming and Energy Use Series

Agriculture Energy Efficiency Rebates

The DEP Agriculture Energy Efficiency Rebate program can help defray the costs of LED lighting, ventilation equipment, variable frequency drives, or dairy and refrigeration equipment upgrades for your farm.

Who Can Apply for an Agriculture Energy Efficiency Rebate?

Applicants must meet the definition of a normal farming operation under Pennsylvania's Right to Farm Law: production of agricultural crops and commodities that takes place on not less than 10 contiguous acres in area or on less than 10 contiguous acres in area but with an anticipated yearly gross income of at least \$10,000.

Rebate Amounts

Technology Category	Eligible Replacement Equipment	Maximum Rebate Amount Per Applicant
Energy Efficient Lighting	<ul style="list-style-type: none">LED lighting fixturesLED bulbs (DLC or Energy Star listed)Lighting controls (e.g. occupancy sensors)	Up to 50% of total lighting equipment purchase and installation cost \$7,500 max.
Energy Efficient Ventilation Systems	<ul style="list-style-type: none">High Efficiency ventilation fan (both circulation and exhaust fans). Select fans with a high efficiency (cfm/Watt) rating as outlined under the program guidelines.High Efficiency motorsControls (e.g. Variable Frequency Drives)	Up to 50% of total ventilation equipment purchase and installation cost. \$7,500 max.
Energy Efficient Dairy and Refrigeration Equipment	<ul style="list-style-type: none">Variable speed vacuum pumpsHigh Efficiency motorsControls (e.g. Variable Frequency Drives)Scroll compressors for refrigeration to replace existing reciprocating compressorsWell water pre-chillers including plate coolers/heat exchangersRefrigeration Heat Recovery (RHR) units where recovered heat is used to preheat water	Up to 50% of total dairy equipment purchase and installation cost. \$7,500 max.

You may apply for a rebate in more than one technology category, for a total rebate funding not exceeding \$7,500.

Installation costs up to \$2,000 for qualified contractors/vendors may be included in the total project cost for each technology category.

How to get an Ag Energy Efficiency Rebate

For complete program guidelines, eligibility requirements, and application instructions, and a link to the online application: www.dep.pa.gov/agricultureenergy

1. Get your project approval in advance by submitting an online application to DEP. *Make sure your application is complete.*
2. If your application is complete and meets eligibility criteria, you'll get an email within two weeks that will contain your rebate voucher and instructions on how to redeem it.
3. Install your energy efficiency upgrade.
4. Once your upgrade project is completed, redeem your voucher by emailing invoices, proof of payment, and project photos to DEP.
5. You'll get the rebate money in 4 - 6 weeks.
6. Enjoy your energy savings!

Funding Availability

Vouchers are awarded on a first-come, first-served basis from August 26, 2023, to no later than December 31, 2023.

DEP has approximately \$100,000 available for this program through the State Energy Program of the U.S.

*Rebate-funded lighting upgrade,
Central Manor Dairy, Lancaster County*



Did You Know?

- LED bulbs not only last longer, but can use 50-75% less energy than older incandescent and fluorescent lights.
- Scroll compressors are 15-20% more energy efficient than a traditional reciprocation compressor.
- Poultry farms are the most energy intense agricultural sector in Pennsylvania, followed by dairy farms (from the report *Energy Use, Energy Savings, and Energy Efficiency Policy Recommendations for Pennsylvania Agriculture*).

Example of a rebate-funded LED lighting upgrade for indoor agriculture.

*River City Growers in
Allegheny County*

