

Ready to get your rebate? Follow these simple steps.

This application is for projects completed between January 1, 2024 and December 31, 2024. Pre-approval is not required for this prescriptive program. Rebates are available on a first-come, first-served basis. For more detailed information, refer to the Terms and Conditions included with this application.

Annual Member Rebate Cap

- » Business or farm with a commercial utility rate code—\$10,000 cap.
- » Farm with a residential utility rate code—\$6,000 cap.

Step 1 Determine Eligibility

Equipment must be new (used equipment is not allowed) and installed in a commercial, industrial, or farm facility that is a HomeWorks Tri-County Electric Co-op electric member, as well as meet minimum requirements set forth in this document. Projects must result in reduced electric energy usage due to improvement in the system efficiency. Projects involving efficient electrification (fuel switching to electricity from site use of fossil fuel) may be permitted if the project 1) reduces total annual site energy consumption; and 2) results in reduced greenhouse gas emissions from energy use over the life of the electrification measure. Equipment must operate a minimum of 1,500 hours per year unless otherwise specified. Applications with fewer hours may use the custom program. Rebates for prescriptive measures may not exceed 75 percent of the total project cost, unless otherwise specified.

Step 2 Install Equipment

After ensuring your project will qualify, purchase and install the equipment. New equipment must be installed and old equipment removed. Only new products that are exact product types listed in this form are eligible for prescriptive rebates.

Step 3 Submit Application

Application must be submitted with complete information within six months of project completion or by December 31, 2024, whichever is earlier. Application must include:

- An IRS Form W-9 for payee (or completed Section 5 on page 2 of this application).
- The entire completed application, including the completed rebate worksheets and the signed member information page.
- Itemized invoices from the installing contractor(s) and/or vendor(s) for the project. Invoices must include a separate line item for each rebate measure, as well as the date, quantity, unit cost, size, type, make, and model of installed items, and labor costs, if applicable.
- Specification/data sheets for all equipment for which a rebate is requested.

Step 4 Payment

Once completed paperwork is submitted, your final application will be reviewed and processed for payment. Rebate payments are usually mailed within six to eight weeks.

Submit your documents one of three ways:



Mail HomeWorks Energy Optimization 431 Catalyst Way Madison, WI 53719



info@michigan-energy.org

Call 877.296.4319 for questions about this application.

2024 EN	lergy Optimiz	zation Applicat		
City: State: ZIP:				
rson Name:				
nail:				
	State: MI	ZIP:		
.t #:	Project Complet	tion Date:		
ing 🔲 School: K-12	School: College			
Person Name:				
City:		ZIP:		
5 below or payee IRS Form outlined in the Terms and C		and that I will not be rece		
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	erest and dividend income ifications required to avoit part of the Energy Optimiz	Inder penalties of perjury, I certify that: rrest and dividend income. 3. The paye ifications required to avoid backup withholdin		

Conditions within this application. I agree to verification of equipment installation, which may include a site inspection by a program or utility representative. I understand that a mot allowed to receive more than one rebate from this program on any individual piece of equipment. I hereby agree to indemnify, hold harmless, and release the utility and program administrator from any actions or claims in regard to the installation, operation, and disposal of equipment (and related materials) covered herein, including liability from any incidental or consequential damages. To the best of my knowledge, the statements made on this application are complete, true, and correct, and I have submitted the appropriate supporting documentation to receive a rebate. I have elected to utilize electronic signatures. I understand and intend that a legal signature is formed by typing my name on this document. If any of the parties do not wish to sign this document electronically, all must opt out together and print a paper copy to sign manually.

Co-op Member Signature: Print Name: Title: Date: /s/



General Requirements

- The specifications for eligible equipment are listed within each technology on this form. If the technology you are installing is specified differently than how it is listed on this form, call to verify eligibility. Custom rebates are available for many technologies not listed. Replacements are one-for-one unless specified. Replaced equipment must be removed from service.
- All projects must comply with all applicable electrical, safety, and energy codes.
- Rebate will not exceed 75 percent of total project cost, unless otherwise specified.

General Lighting and Non-Lighting Equipment

Refer to the Business Lighting, Business Non-Lighting, and Compressed Air application forms for measures that are not unique to farms.

Dairy Equipment

Measure	Rebate Per Unit	Quantity	Total Rebate
 Variable Speed Controller for Milk Vacuum Pump* Must be blower type vacuum pump. Limit one rebate per milking parlor. Pump(s) Horsepower: Pump #1: Pump #2 (if multiple pumps): 	\$50 per horsepower (HP)		ş
Milk Pre-cooler Heat Exchanger* New pre-cooler installations only (not for replacing existing). Must be plate-type heat exchanger. Please provide average daily milk production: pounds per day.	\$500 per heat exchanger or \$0.10 per lb milk/day, whichever is higher		Ş
Variable Speed Drive on Milk Pump* ■ Installation of VSD must accompany plate-type milk pre-cooler.	VSD on Milk Pump with Existing Milk Pre-Cooler: \$500 or \$0.05 per lb milk/day, whichever is higher		\$
 Pre-cooler may be installed at the same time as the VSD. Please provide average daily milk production: pounds per day. 	VSD on Milk Pump with New Milk Pre-Cooler: \$750 or \$0.07 per lb milk/day, whichever is higher		\$
Scroll Compressor for Dairy Refrigeration Scroll replacing reciprocating compressor only. Pre-cooler heat exchanger installed? (check one): Yes No Please provide average daily milk production: pounds per day.	\$250 or \$0.04 per lb milk/day, whichever is higher		\$
Heat Recovery Tank (no heating element)* Primary water heating must be by electric. Refrigeration compressor must have accumulator pump down. Please provide the following information: Average hot water usage: gallons per hour. Refrigeration system compressor capacity: tons. Daily compressor run time: hours per day. Annual work days: days per year.	\$500		\$
 Dairy Refrigeration Tune-up Rebates are available for tune-ups only once per 24-month period with the intention of reducing electricity consumption. This rebate is only eligible for commercial-grade on-farm dairy refrigeration equipment. A Dairy Refrigeration Tune-Up Checklist must be completed by the service provider for each unit serviced and submitted with invoice detailing the work performed and how many units were serviced (Dairy Refrigeration Tune-Up Checklists can be found at michigan-energy.org/sites/michigan-energy.org/files/dairy.pdf). Please provide average daily milk production: pounds per day. 	\$150 per system or \$0.015 per lb milk/day, whichever is higher. Rebate will not exceed 100% of service cost.		\$
* Eligible for new construction projects.			



Ventilation and Irrigation Equipment

Measure	Rebate Per Unit	Quantity	Total Rebate
Exhaust Fan or Circulation Fan*	36-47 inch fan blade diameter: \$50 per fan		\$
 Fans should be tested by either BESS Lab or AMCA Lab. Fans must be designed for agricultural or industrial use. 	≥48 inch fan blade diameter: \$100 per fan		\$
	16 to <20ft fan blade diameter: \$250 per fan		\$
 High Volume Low Speed Fan (HVLS)* Replacing high-speed fans for air circulation in livestock facilities. 	20 to < 22ft fan blade diameter: \$500 per fan		\$
	≥ 22ft fan blade diameter: \$800 per fan		\$
 Fan Thermostat Controls* For replacement of manual controls on permanently mounted agricultural fans. Replacement of existing thermostat fan controls does not qualify. Controller must have thermostat to disable fan when outside air temperature drops below a pre-set temperature. 	\$100 per fan controlled		\$
 Variable Speed Drive on Agricultural or Golf Course Irrigation Pump* Qualifying irrigation systems include: a) several center pivots served by one well; b) corner arm center pivot where water flow rate increases when the corner arms swing out toward the corners of the fields; c) center pivot with intermittent end gun; or d) golf course irrigation system. Other proposed VFD irrigation system applications will be reviewed on a case-by-case basis. Replacement of existing VFDs does not qualify. VFDs on redundant or back-up pumps do not qualify. 	\$25 per pump HP		\$
Agricultural Irrigation Pump - Electric Replacing Engine Fuel switching irrigation pumps from diesel or other delivered fuel to grid-tied electric. Minimum 25 HP pump motor. Existing engine must be in operating condition. Manufacturer:	\$1,000 per pump or \$40 per HP, whichever is higher		\$

Specialty Agricultural LED Lighting

T	ype	Specification	1		Rebate Watts Reduced (use table below to calculate Watts)		Total Rebate (Rebate Per Unit x Watts Reduced)	
 LED Poultry Light* LED light must provide the suitable wavel (i.e., broiler, brooder, and layer production 		Lights operate >3,600 hrs/yr		\$0.40 p Watt redu				Ş
Long-Day Lighting System Retrofit for	Livestock Barn	tock Barn Apply for Custom Rebate						
Existing Fixtures	New Fixtures	Р	re		Post		ost	Total Watts
Provide brief description. Example: "1,000W MH poultry light"	Provide brief description. Example: "80W LED poultry light"	# of Fixtures (A)		/Fixture (B)	# of Fixtures (C)		Watts/Fixtur (D)	$\begin{array}{c} \text{Reduced} = \\ (\text{A x B}) - (\text{C x D}) \end{array}$
The Watts/Fixture value refers to the fixture inp * Eligible for new construction projects.	but wattage, not just the bulb wattage. If more room	is needed in this tal	ble, please	e provide a :	spreadshe	et.		



Indoor Agriculture

This section is for indoor agriculture grow facilities, including cannabis, that operate year-round.

- Photosynthetic Photon Efficacy (PPE) \geq 1.9 µmol/J and Power Factor \geq 0.9 required.
- New lighting must be UL, ETL, or CSA listed with a minimum lifetime of 36,000 hours and minimum warranty of 5 years.
- HVAC reduction requires mechanical cooling year-round; must not have previously had free cooling and must have new grow lights.
- Grow lights must operate minimum 4,000 hours per year to qualify.

NEW Facility Agricultural Grow Lighting (for new construction, expansion, or gut/rehab renovation)							
Measure	LED Fixture Model Number	LED Fixture Wattage	Quantity of Fixtures	Rebate per Watt installed	Total Rebate		
LED Grow Light: > 4,000 operating hours/yr				\$0.25	\$		
				\$0.25	\$		
				\$0.25	\$		
				\$0.25	\$		
LED Grow Light: > 6,000 operating hours/yr				\$0.40	\$		
				\$0.40	\$		
				\$0.40	\$		
				\$0.40	\$		

EXISTING Facility Agricultural Grow	Lighting Retrofit & HVAC Load Reduction			
Measure	Specification	Rebate Rate per Lighting Watt Reduced	Watts Reduced (use table below to calculate watts)	Total Rebate
	> 4,000 operating hours/yr	\$0.30		\$
LED Grow Light	> 6,000 operating hours/yr	\$0.45		\$
HVAC Load Reduction due to Conversion to LED Lighting (Measure available for both retrofit AND new construction projects. For new construction, use a comparable output HID baseline to determine		\$0.10		\$
Watts Reduced.)				

Existing Fixtures	New Fixtures	Pre		Post		Total Watts Reduce
Provide brief description. Example: 1,000W MH grow light.	Provide brief description. Example: 80W LED grow light	# of Fixtures (A)	Watts/ Fixture (B)	# of Fixtures (C)	Watts/ Fixture (D)	= (A x B) - (C x D)

 Indoor Horticultural Grow Facility Dehumidification (for new construction or retrofit)

 Measure
 Total Pint/Day Capacity
 Rebate per Pint/Day
 Total Rebate

 Dehumidification of Indoor Horticultural Grow Facilities
 Image: Comparison of Compari

 Dehumidification unit must have an Energy Factor of 2.80 L/k² or greater and have a capacity greater than 155 pints/day. 	Vh	\$0.75	s
 Dehumidifier must be used in an indoor horticultural grow room that 		<i>Q</i> OT C	
operates year-round.			
Greenhouse installations do not qualify.			



Miscellaneous Equipment

Measure	Rebate Per Unit	Quantity	Total Rebate
Variable Speed Drive on Agricultural Pump or Fan*	Agricultural fan operating 750-2,000 hrs/yr: \$30 per HP controlled		\$
VFDs installed on irrigation or HVAC systems do not qualify for this rebate but may qualify for other rebate measures.Applicant must provide a summary statement explaining: a) what the motor is used for; b) motor's annual run	Agricultural fan operating >2,000 hrs/yr: \$60 per HP controlled		\$
 time; c) how the motor is currently controlled; and d) proposed motor VFD control method. The installation of a VFD must accompany the permanent removal or disabling of any throttling devices such as inlet vanes, bypass dampers, bypass valves, or throttling valves. Redundant or back-up units do not qualify. Replacement of existing VFDs does not qualify. 	Agricultural process pump (non-irrigation) operating 750-2,000 hrs/yr: \$30 per HP controlled		\$
 VFD speed must be automatically controlled by differential pressure, flow, temperature, or other variable signal. Units installed only to allow soft starts are not eligible. The system controlled must have significant load diversity that will result in savings through motor speed variation. Agricultural pumps or fans utilizing variable speed ECM motor technology may also qualify for this measure. 	Agricultural process pump (not well pump) operating >2,000 hrs/yr: \$75 per HP controlled		\$
	Well pump (non-irrigation) operating >2,000 hrs/yr: \$35 per HP controlled		\$
 Low-energy Livestock Waterer or Fountain* Equipment must be replacing waterer with heating elements. Minimum average two-inch insulation. Maximum combined heating element power of 250 Watts (units >250 W may be eligible for custom rebate). Energy-free units must be installed per manufacturer's requirements with a 12 inch-I.D. heat well that extends >1 foot below normal frost line. 	\$100		\$
 Grain Storage Temperature & Moisture Management Controller* For replacement of manual aeration fan controls. Replacement of existing temperature/moisture management controller does not qualify. New system must consist of multiple sensors within the grain storage bin. Outdoor air temperature and relative humidity must also be monitored. Data sensors must be digital; analog sensors do not qualify. 	\$30 per fan HP		\$
 Timer for Engine Block Heater* Timer must be outdoor rated or cold weather resistant. Timer should be set to turn on heater no more than 2 hours prior to engine start-up time. Timer should contain a thermostat that turns off heater if ambient air temperature is warmer than a pre-set temperature. Timer must be UL, ETL, or CSA listed and rated for 15 amps or greater (or as needed for the heater). Using a timer for uses other than controlling an engine block heater does not qualify for this prescriptive rebate, but may qualify for a custom rebate. Call for information. 	\$20		Ş
 Farm Energy Audit Must be an energy audit from the Michigan Farm Energy Audit Program through Michigan State University (MSU). Program website: www.maec.msu.edu/farmenergy/. Energy audit results must be verified by MSU and accompany rebate application. Other auditors may be considered on a case-by-case basis with pre-approval. The energy audit rebate will be paid only after upgrades recommended by the audit are implemented. Projects estimated to deliver at least \$500 in annual electric energy cost savings must be implemented, and Energy Optimization program rebates for those projects must be approved to qualify for the energy audit rebate. Apply early as funds for the Farm Energy Audit rebate are limited. Limit one Farm Energy Audit rebate per farm. 	\$500 per farm		\$
<u>.</u>	Total Agribus	siness Rebate:	\$

* Eligible for new construction projects.



2024 Rebate Application Application Terms & Conditions

REBATE OFFER: Projects must be implemented (completed) between January 1, 2024 and December 31, 2024. Complete application must be submitted no later than December 31, 2024. Projects must result in reduced electric energy usage due to improvement in the system efficiency. Projects involving efficient electrification (fuel switching to electricity from site use of fossil fuel) may be permitted if the project 1) reduces total annual site energy consumption; and 2) results in reduced electric use resulting from energy use over the life of the electrification measure. Reduced electric use resulting from peak shaving, demand limiting, power generation, renewable energy (including solar PV and wind), or operating schedule changes will not qualify. This application form is for facilities with a commercial or industrial electric meter or rate code. Farms with a residential programs.

COMPLIANCE: a) All projects must comply with applicable federal, state, and local laws, and building codes. b) All equipment must be new or retrofitted with new components per the program specifications. Used equipment is not eligible for rebates. Leased equipment must receive pre-approval BEFORE project initiation or entering into the equipment lease. Existing equipment must be permanently disconnected or removed and not reused elsewhere. c) New equipment must meet specification requirements. d) For prescriptive programs, new equipment must be operational when the application is submitted. e) Only one rebate will be granted for each project. f) Members may submit multiple projects in a calendar year; however, the rebate totals may not exceed the annual rebate cap without utility authorization. g) New construction projects will be considered with prior review and authorization. Note that the measures and rebates listed on the application form are typically intended for retrofit projects; not all measures listed may be available for new construction projects. h) If the project is in a leased building, the term of the lease must be at least three (3) years and a copy of the lease may be requested.

DELIVERY: Applications must be delivered via mail to HomeWorks Energy Optimization Programs, 431 Catalyst Way, Madison, WI 53719, emailed to info@michigan-energy.org, or faxed to 608.646.7682.

PRESCRIPTIVE APPLICATIONS: Pre-approval is not required for prescriptive rebates unless otherwise specified. However, a rebate will not be provided for projects or equipment that does not precisely meet the requirements provided on the prescriptive application form. Applications must have complete information and be submitted with the supporting documentation specified on the form instructions. Unless otherwise specified, rebates for prescriptive measures may not exceed 75 percent of the total project cost, including materials, sales tax, external labor (i.e. contracted labor), permits, equipment rental, and disposal.

CUSTOM APPLICATIONS: Pre-approval is strongly encouraged for all custom projects. If your project does not fit the descriptions on the standard prescriptive rebate application form, it may qualify for a custom rebate. Applications must have complete information and be submitted with the calculations and supporting documentation specified on the form instructions. Unless otherwise specified, rebates for custom measures may not exceed 75 percent of the total project cost, including materials, sales tax, external labor (i.e. contracted labor), permits, equipment rental, and disposal. Note: Internal labor (i.e. non-contracted labor) may not be included in the cost of the project.

PAYMENT: Once completed paperwork is submitted, rebate payments are usually mailed within six to eight weeks. Rebate payments are made by check, and may arrive in multiple checks. Incomplete applications will either delay payments or result in denial of application approval. HomeWorks Tri-County Electric Co-op reserves the right to refuse payment and participation if the member or trade ally violates program terms and conditions. HomeWorks Tri-County Electric Co-op must receive 100 percent of the energy savings for the rated life of the product(s) or for a period of three (3) years from receipt of rebate, whichever is less. If the project does not provide the energy savings, if the facility in which the installed projects are located closes or ceases operation within three (3) years from receipt of rebate, or if you cease to be a member of HomeWorks Tri-County Electric Co-op during the following three (3) years, you shall refund a prorated amount of rebate dollars based on the time installed.

THIRD-PARTY PAYEES: The HomeWorks Tri-County Electric Co-op member may authorize payment of the rebate directly to a landlord, trade ally, or other third-party payee by selecting the appropriate box in Section 4 on page 2 of the application. If the co-op member chooses to reassign their rebate to a third-party, the member must sign the release in Section 4 and the third-party payee must be identified in the completed Section 5 or on the payee's IRS Form W-9. Program staff reserve the right to contact the member to confirm third-party payee requests. TRADE ALLY INFORMATION: The term "trade ally" refers to the company or contractor who provides or installs equipment for the HomeWorks Tri-County Electric Co-op member. If the project was completed by more than one trade ally (e.g., equipment was purchased from one trade ally but installed by another) and the rebate is being paid to the co-op member, enter the information of the trade ally who installed the equipment in the Trade Ally (Contractor) Information section on page 2 of the application. Trade allies participating in the program must adhere to standards of acceptable business behavior and performance.

INSPECTION: Program staff reserve the right to conduct pre-inspections and postinspections of proposed and installed projects. Some projects may require site verification or phone verification before the rebate will be processed.

PUBLICITY: HomeWorks Tri-County Electric Co-op reserves the right to publicize your participation in this program, unless you specifically request otherwise.

PROGRAM DISCRETION: Rebates are available on a first-come, first-served basis. Rebate amounts and offerings are subject to change or termination without notice at the discretion of HomeWorks Tri-County Electric Co-op.

LOGO USE: Members or trade allies may not use the HomeWorks Tri-County Electric Co-op name or logo in any marketing, advertising, or promotional material without written permission.

DISCLAIMERS: HomeWorks Tri-County Electric Co-op: a) does not endorse any particular manufacturer, product, labor, or system design by offering these programs; b) will not be responsible for any tax liability imposed on the member as a result of the payment of rebates; c) does not expressly or implicitly warrant the performance of installed equipment or contractor's quality of work (contact your contractor for detailed warranties); d) is not responsible for the proper disposal/recycling of any waste generated as a result of this project; e) is not liable for any damage caused by the installation of the equipment or for any damage caused by the malfunction of the installed equipment; f) is not responsible for items (rebate applications, supporting documentation, and/or rebate checks) lost or damaged in the mail.

ELIGIBILITY: These rebates are offered to HomeWorks Tri-County Electric Co-op members with active electric service in Michigan only. For questions regarding eligibility, call 877.296.4319.

INFORMATION RELEASE: The member requests and authorizes HomeWorks Tri-County Electric Co-op to release electric usage for the preceding 24 months to Energy Optimization program staff, in order to participate in the program. The authorization to release information expires automatically two (2) years after signature date. The member agrees that the Energy Optimization program and their contractors may include the member's name, address, electric account number, electric services, and resulting energy savings ("Information") in a database hosted by a contractor of the Energy Optimization program and such information may be included in reports or other documentation submitted to HomeWorks Tri-County Electric Co-op, and their contractors and/or the Michigan Public Service Commission ("Reports"). Such parties will treat such Information as confidential and the Information in the Reports shall only be in the aggregate.

RELEASE/INDEMNIFICATION: Payment of rebates under the Energy Optimization program and/or evaluation of applications for rebates shall not deem the Energy Optimization program or any of its affiliates, employees, contractors, or agents ("Energy Optimization Parties") to be responsible for any work completed in connection herewith. The applicant fully releases Energy Optimization Parties from any and all claims it may have against Energy Optimization Parties in connection with this application, the rebates, or the work performed in connection with them. In addition, the applicant agrees to defend, indemnify and hold Energy Optimization Parties arising in connection with this application, the payment or non-payment of rebates, or any work performed in connection with these arising in connection with them. The member hereby releases HomeWorks Tri-County Electric Co-op from any and all liability arising from or connected with releasing the information to the Energy Optimization program set forth herein.

NON-DISCLOSURE: The Energy Optimization program agrees not to disclose project information, such as pricing, proprietary equipment specifications, or other intellectual property. Such information will be used by Energy Optimization program staff only for the purpose of validating and fulfilling rebate applications. Such information will not be shared outside of the Energy Optimization program.

ANNUAL MEMBER REBATE CAP: Rebates are available on a first-come, first-served basis; apply early. Rebate budgets are limited, therefore total annual rebate amount per member may be limited as follows: Business or farm with a commercial utility rate code – \$10,000 cap. Farm with a residential utility rate code – \$6,000 cap. If a larger rebate amount is needed to enable your project to move forward, please call to request pre-approval prior to beginning your project.