



A Touchstone Energy® Cooperative 

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Commercial & Industrial Improvements Program July 1, 2021 – June 30, 2022

It is in the joint interest of North Western Electric Cooperative (NWECC) and its electric members to reduce the demand for electricity and promote the value of energy efficiency. The Commercial & Industrial (C&I) Improvements Program offers funding for specific energy efficient equipment purchase and installation, when program specifications are met, thereby encouraging NWECC's member businesses to reduce energy use.

The C&I Improvements Program is offered to C&I businesses who receive their electric service from NWECC. The business member must agree to adhere to the program requirements.

C&I Improvements Program Eligibility

In order for a member to be eligible for the C&I Improvements Program:

- The building must be a commercial or industrial structure which uses electricity from NWECC.
- Businesses eligible for the C&I Improvements Program include commercial and industrial businesses, local government, not-for-profit and private institutions, colleges and universities, and K-12 schools.
- Only equipment specified in the REBATE section is eligible.
- All equipment must be new. Used or rebuilt equipment is not eligible.
- All projects must comply with applicable federal, state and local laws and building codes.

C&I Improvements Program Conditions of Rebate

- Purchase and installation of all equipment must be between June 1, 2021 and June 30, 2022.
- **Submit the C&I Improvements Rebate Application and a copy of the contractor or equipment company DETAILED invoice of improvements installed by June 15, 2021.**
- An NWECC employee or representative must perform an onsite visit to the member facility by June 30, 2022 to confirm installation of improvements.
- **Labor and/or installation costs are not eligible for rebate**, and are not to be included as part of equipment cost submitted.

- Only one rebate for improvements will be granted per facility per fiscal year (July 1 – June 30) and cannot be combined with other incentive programs.
- Rebate may not exceed 50% of equipment cost (excluding labor), up to a total maximum rebate amount of \$5,000 per rebate application.

Rebate

Eligible for rebate are the following:

- **Electric Chillers**

Rebate when installing new high efficiency water or air-cooled chiller in place of a standard (baseline) chiller unit in either an existing facility or new construction. Rebate may not exceed 50% of equipment cost. Rebate calculated as follows:

Water-Cooled

Rotary	\$15 per ton
Reciprocating	\$10 per ton
Centrifugal	\$20 per ton

Water-Cooled Minimum Efficiency

Description	kW/ton-IPVL
Rotary screw 75-150	0.554
Rotary screw 150-300	0.552
Rotary screw >300	0.486
Reciprocating All Size	0.552
Centrifugal 150-300	0.536
Centrifugal 300-600	0.494

Air-Cooled

All types	\$20 per ton
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Air-Cooled Minimum Efficiency

Size	kW/ton-IPLV
<150 tons	0.864
>=150 tons	0.847

- **High-Efficiency Air Compressors with Variable Frequency Drive**

Rebate when installing a high-efficiency air compressor with variable frequency drive in either an existing facility or new construction. Rebate may not exceed 50% of equipment cost. Rebate calculated as follows:

Motor Efficiency	Motor Horsepower
>=90%	\$90 per Horsepower

- **High-Efficiency Motors**

Rebate when replacing less efficient motors with higher efficiency motors meeting current NEMA standards in an existing facility. Rebate may not exceed 50% of equipment cost. Rebate per motor is based on Horsepower (HP) size and calculated as follows:

Total Incentive	HP	Open			Closed		
		3600 RPM	1800 RPM	1200 RPM	3600 RPM	1800 RPM	1200 RPM
\$10.00	1	77.1%	85.6%	82.6%	77.1%	85.6%	82.6%
\$10.00	1.5	84.1%	86.6%	86.6%	84.1%	86.6%	87.6%
\$12.00	2	85.6%	86.6%	87.6%	85.6%	86.6%	88.6%
\$15.00	3	85.6%	89.6%	88.6%	86.6%	89.6%	89.6%
\$18.00	5	86.6%	89.6%	89.6%	88.6%	89.6%	89.6%
\$22.00	7.5	88.6%	91.1%	90.3%	89.6%	91.8%	91.1%
\$26.00	10	89.6%	91.8%	91.8%	90.3%	91.8%	91.1%
\$28.00	15	90.3%	93.1%	91.8%	91.1%	92.5%	91.8%
\$30.00	20	91.1%	93.1%	92.5%	91.1%	93.1%	91.8%
\$45.00	25	91.8%	93.7%	93.1%	91.8%	93.7%	93.1%
\$60.00	30	91.8%	94.2%	93.7%	91.8%	93.7%	93.1%
\$65.00	40	92.5%	94.2%	94.2%	92.5%	94.2%	94.2%
\$70.00	50	93.1%	94.6%	94.2%	93.1%	94.6%	94.2%
\$80.00	60	93.7%	95.1%	94.6%	93.7%	95.1%	94.6%
\$110.00	75	93.7%	95.1%	94.6%	93.7%	95.5%	94.6%
\$130.00	100	93.7%	95.5%	95.1%	94.2%	95.5%	95.1%
\$150.00	125	94.2%	95.5%	95.1%	95.1%	95.5%	95.1%
\$180.00	150	94.2%	95.9%	95.5%	95.1%	95.9%	95.9%
\$230.00	200	95.1%	95.9%	95.5%	95.5%	96.3%	95.9%
\$280.00	250	95.1%	95.9%	95.5%	95.9%	96.3%	95.9%

- **High Frequency Battery Chargers (Fleet)**

Rebate when installing high-frequency battery chargers versus standard conventional ferroresonant (FR) or silicon-controlled rectifier (SCR) chargers in an existing facility. Rebate may not exceed 50% of equipment cost. Rebate calculated as follows:

High Frequency	
>=60 Hz	\$80 per unit

- **LED Lighting with Sensors for Refrigerated Cases**

Rebate when replacing T8 with equivalent LED lamp and motion sensors in refrigerated cases (example: supermarkets) in an existing facility. New construction applies. Rebate may not exceed 50% of equipment cost. Rebate calculated as follows:

LEDs with motion sensors	\$24 per linear foot of lighted, refrigerated case
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- **Occupancy Sensors/Controls for LED Lighting**

Rebate when installing new sensors/controls for LED lighting in an existing facility where controls were not previously installed or new construction. Rebate may not exceed 50% of equipment cost. Rebate calculated as follows:

Occupancy Sensor Type	Rebate Amount
Wall Mounted	\$0.020 per watt controlled
Ceiling Mounted	\$0.030 per watt controlled
Fixture Mounted	\$0.060 per watt controlled
Remote Mounted Dimming	\$0.045 per watt controlled
Fixture Mounted Dimming	\$0.036 per watt controlled
Switching Controls Multi Level	\$0.160 per watt controlled
Central Controls (Timelocks)	\$0.040 per watt controlled

- **Occupancy Sensors/Controls for HVAC**

Rebate when installing occupancy controls for HVAC equipment in an existing facility with electric heat system only, including hotel/motel guest rooms. Rebate may not exceed 50% of equipment cost. Rebate calculated as follows:

\$60 per unit

- **Open Refrigerated Case Door Retrofit**

Rebate when retrofitting open refrigeration cases with doors for energy savings in an existing facility. Rebate may not exceed 50% of equipment cost. Rebate calculated as follows:

\$100 per linear foot of refrigerated case

- **Variable Frequency Drives for HVAC**

Rebate when installing variable frequency drive motors for HVAC pumps and fans in an existing facility. Rebate may not exceed 50% of the equipment cost. Rebate calculated as follows:

\$40 per Brake Horsepower (BHP) of motor driven by VFD

Program Review

The Cooperative will annually review this program to determine its continuance for another 12 month period.



C&I Improvements Rebate Application

Program Dates: July 1, 2021 through June 30, 2022

A Touchstone Energy Cooperative

REBATE REQUIREMENTS			
<ul style="list-style-type: none"> Submit this form and a copy of the contractor or equipment company DETAILED invoice of improvements installed. 			
<ul style="list-style-type: none"> Purchase and installation of all equipment must be between June 1, 2021 and June 30, 2022. Rebate requests must be submitted by June 15, 2022 and an onsite visit must be completed by June 30, 2022. 			
MEMBER INFORMATION			
Member Type: <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial			
Company Name	Contact Name	Email	
Address	City, State	Zip Code	Phone
JOB SITE INFORMATION			
Job Site Address (Physical Address)	City, State	Zip Code	Date Installation Completed
CONTRACTOR INFORMATION			
Contractor/Equipment Co. Name	Contact Name		
Address	City, State	Zip Code	Phone
MEMBER AND CONTRACTOR CONFIRMATION			
I acknowledge the information on this application is accurate and complete. I confirm I have read, agree with and understand the terms and conditions of this application and program, and I have the authority to execute (or execute on behalf of my company/corporation).			
Contractor Signature		Date	
Member Signature		Date	

FOR OFFICE USE ONLY		
Application Submitted Date	Application Received By	
Site Visit Date	Employee Performing Site Visit	
<input type="checkbox"/> Rebate Denied		
Date	NWEC Employee Signature	Reason
<input type="checkbox"/> Rebate Granted		
Date	NWEC Employee Signature	
Amount Approved	Check Request to Plant Accountant Date	
Submitted Electronically to Buckeye Date	By Whom	Buckeye Reimbursement Received Date

North Western Electric Cooperative - C&I Improvement Rebate Application Form

SECTION 1: MEMBER INFORMATION

Company Name _____

Mailing Address, City State, Zip _____

SECTION 2: JOB SITE INFORMATION

Job Site Address (physical address) _____

City, State Zip _____

SECTION 3: EQUIPMENT INFORMATION

ELECTRIC CHILLERS

TYPE: Existing Facility New Construction

<input type="checkbox"/> Water-Cooled	Quantity:	Size (Tons):			Equipment \$ Cost:	Rebate \$ Paid to Member	Total Rebate \$ Requested for Reimbursement
Type: <input type="checkbox"/> Rotary							
Type: <input type="checkbox"/> Reciprocating							
Type: <input type="checkbox"/> Centrifugal							
<input type="checkbox"/> Air-Cooled							
All Types							

HIGH-EFFICIENCY AIR COMPRESSORS WITH VARIABLE FREQUENCY DRIVE

TYPE: Existing Facility New Construction

	Quantity:	VFD Motor Efficiency %:	Air Compressor HP:		Equipment \$ Cost:	Rebate \$ Paid to Member	Total Rebate \$ Requested for Reimbursement
VFD							
VFD							

HIGH-EFFICIENCY MOTORS

TYPE: Existing Facility Only

	Quantity:	HP:	SPECIFY RPM: 3600, 1800, 1200	RPM %:	Equipment \$ Cost:	Rebate \$ Paid to Member	Total Rebate \$ Requested for Reimbursement
Type: <input type="checkbox"/> Open							
Type: <input type="checkbox"/> Open							
Type: <input type="checkbox"/> Closed							
Type: <input type="checkbox"/> Closed							

HIGH FREQUENCY BATTERY CHARGERS (FLEET)

TYPE: Existing Facility Only

Quantity:	Hz:				Equipment \$ Cost:	Rebate \$ Paid to Member	Total Rebate \$ Requested for Reimbursement

LED LIGHTING WITH SENSORS FOR REFRIGERATED CASES

TYPE: Existing Facility New Construction

Linear Feet of Lighted, Refrigerated Case:					Equipment \$ Cost:	Rebate \$ Paid to Member	Total Rebate \$ Requested for Reimbursement

OCCUPANCY SENSORS/CONTROLS FOR LED LIGHTING

TYPE: Existing Facility New Construction

Occupancy Sensor Type:	Quantity:	Watts Controlled:			Equipment \$ Cost:	Rebate \$ Paid to Member	Total Rebate \$ Requested for Reimbursement

OCCUPANCY SENSORS/CONTROLS FOR HVAC

TYPE: Existing Facility Only

Quantity:					Equipment \$ Cost:	Rebate \$ Paid to Member	Total Rebate \$ Requested for Reimbursement

OPEN REFRIGERATED CASE DOOR RETROFIT

TYPE: Existing Facility Only

Linear Feet of Refrigerated Case:					Equipment \$ Cost:	Rebate \$ Paid to Member	Total Rebate \$ Requested for Reimbursement

VARIABLE FREQUENCY DRIVES FOR HVAC

TYPE: Existing Facility Only

Quantity:	Brake Horsepower (BHP):				Equipment \$ Cost:	Rebate \$ Paid to Member	Total Rebate \$ Requested for Reimbursement

DOCUMENTATION REQUIRED: A detailed contractor/vendor invoice(s) (excluding labor), and equipment spec sheets.

Purchase and installation must be between June 1, 2021 and June 30, 2022.

Final application and required documentation must be submitted to Cooperative no later than June 15, 2022, to be applicable for this program.