



**ELECTRICAL ADVISORY
COMMITTEE**
Meeting Agenda
January 11, 2023 – 4:00 p.m.

ELECTRICAL ADVISORY COMMITTEE

Ann Bissell, Chairperson
Glendon Brown, Vice Chairperson
John Anthony, Committee Member
Tim Wilson, Committee Member
John Mellinger, Committee Member

ADMINISTRATION

Gerald Pirkola, Electric Utility Director

City Council Chambers: City Hall – 410 Ludington Street – Room C101 – Escanaba, MI 49829

Regular Meeting

Wednesday, January 11, 2023, at 4:00pm

CALL TO ORDER

ROLL CALL

APPROVAL OF MINUTES – October 12, 2022

APPROVAL/ADJUSTMENTS TO THE AGENDA

CONFLICT OF INTEREST DECLARATION

NEW BUSINESS

1. Election of Officers.

Explanation: The Electric Advisory Committee (EAC) elects a Chairperson and Vice Chairperson from the members of the EAC at the first meeting of each calendar year.

2. Update - Electric Department –General Operations.

Explanation: Electric Utility Director Gerald Pirkola will update the Electrical Advisory Committee and Citizens of Escanaba on the current departmental activities.

3. Update – Escanaba Solar Project Performance.

Explanation: Administration will update the Electric Advisory Committee and the Citizens of Escanaba on the performance of the Escanaba Solar Project.

4. Recommendation – Energy Optimization Program.

Explanation: Administration will discuss the details of the planned Energy Optimization Program and seek a recommendation to bring the program to the City Council for approval.

Agenda - January 11, 2023

GENERAL PUBLIC COMMENT
COMMISSION/STAFF COMMENT AND ANNOUNCEMENTS
ADJOURNMENT

The City of Escanaba will provide all necessary, reasonable aids and services, such as signers for the hearing impaired and audiotapes of printed materials being considered at the meeting to individuals with disabilities at the meeting/hearing upon five days' notice to the City of Escanaba. Individuals with disabilities requiring auxiliary aids or services should contact the City of Escanaba by writing or calling City Hall at (906) 786-9402.

Respectfully Submitted,

Gerald Pirkola
Electric Utility Director

ELECTRIC ADVISORY COMMITTEE

10/12/2022

The regular meeting of the Electric Advisory Committee was called to order at 4:00 p.m. by Vice-Chairman, Glendon Brown.

Present: Committee Members, Glendon Brown, John Mellinger, Tim Wilson, John Anthony

Absent: Committee Member Ann Bissell

Also Present: Electric Utility Director Gerald Pirkola, & City Council Liaison Ron Beauchamp

Approval of Minutes:

Brown asked members if there were any corrections to be made to the minutes. None being heard, he asked for a motion to be made. Wilson made a motion to approve the minutes as presented. The motion was seconded by Mellinger. All Ayes, minutes were approved.

APPROVAL/ADJUSTMENTS TO THE AGENDA:

Brown asked members if there were any adjustments to the agenda; hearing none he asked for a motion to approve the agenda. Motion made by Wilson to approve the agenda as presented. Motion seconded by Mellinger. All Ayes, agenda approved as presented.

CONFLICT OF INTEREST Declaration- None

NEW BUSINESS

#1: Election of Officers.

Member Bissell was not present for the meeting. It was discussed among members that this was the last meeting for the year. The positions of Chair and Vice-Chair are only held for a 1 year period. A motion to table the election of

officers until the January 2023 meeting was made by Anthony and seconded by Wilson. All ayes, motion approved.

#2: Update: AMI Project.

Electric Engineer, Josh Krajniak, gave an update to members on the progress of the AMI project to date. Talking points included:

- 3600 meters to date have been ordered out of 7200 and we have received approximately 2200 so far. 570 of the meters have so far been deployed.
- We are currently reading 5200 devices.
- Readings we are receiving back from the meters are voltage & current. The information we get back is more secure than our utility billing system.
- Benefits of the system include seeing issues of voltage being too high, assisted us in outages, and shows meter tampering.
- When the system is in, a meter reader will no longer be needed. The current meter reader will be reassigned, no jobs will be lost.
- The meter technician is currently doing the job so as not to overload the Utility Department. Overtime will begin to get more meters out. For all meters to be installed we are looking at the timeframe to be another year.

#3: Update-Electric Department-General Operations.

Electric Utility Director, Gerald Pirkola provided members with a handout (Attachment NB #3-Department Update) and went over it with them. Bullet #8 about the National Electric Vehicle Infrastructure Program (NEVI) was talked about at length and a request made that it be added to the January agenda as an update for putting in chargers.

#4: Update-Escanaba Solar Project Performance:

Pirkola turned over this portion of the meeting to Glendon Brown who had provided members with a handout (Attachment NB#4-Solar Project Update through 09/30/2022) and went over it with members who discussed portions of the report.

Mellinger commented that the City has done nothing to promote the solar facility and should maybe do so.

#5: Update-Clean Energy Program

Pirkola provided members with a handout (Attachment: NB#4-2022 Clean Energy Update) and went over it with members. Pirkola reported to members that the MPPA/Franklin Energy Clean Energy Program is not performing well. Total budgeted for the program is \$175,000. Administrative costs are still a significant portion of the total cost of the program. Remaining funds projected at the end of the calendar year is approximately \$250,000. It has been decided that we will administer our own program and run it ourselves until the funds are depleted. A suggestion was made to add an agenda item to the January agenda to update the committee on what we propose to give as rebates when we run the program on our own.

GENERAL PUBLIC COMMENT:

Beauchamp asked what ever became of an email received that a data center was showing interest in coming to town. He was advised that the issue went no further. The company was looking into getting tax credits. He also questioned with regards to the AMI data if we would be able to export data if a company requested their information for like a year. He was advised that that is possible.

COMMISSION/STAFF COMMENT & ANNOUNCEMENTS: None

Next meeting date January 11, 2023

Meeting adjourned 5:30pm.

APPROVED:

Glendon Brown, EAC Vice-Chairman

Gerald Pirkola, Electric Utility Director

EAC Meeting – January 11, 2023

Department Update

- 2022 Pole Replacement and New Pole Installation:
 - 36 wood poles were replaced
 - 21 streetlight poles replaced (18 on Ludington St)
 - 39 new streetlight poles were installed (7 on Jenkin's Drive)
 - 28 New Distribution Poles were installed
- Purple LED Streetlights
 - Replaced 27 Purple Streetlights
 - Identified 35 additional lights that need to be replaced
 - Met with the manufacturer's representative. They are shipping replacement fixtures under warranty.
- AMI Update
 - 900 TuNet meters installed
 - 2500 Electric Meters and 3500 Water Meters being read
 - 2335 meters are being sent back for a firmware update due to low transmission power
- National Electric Vehicle Infrastructure Program (NEVI)
 - On November 3 EGLE and MSU held a video conference with several U.P. utilities to discuss EV fast charger deployment in the Upper Peninsula
 - Escanaba falls in between two planned nodes, however they said waivers will be considered and that there are two potential charging stations in Escanaba that may meet the NEVI requirements.

1. Solar generation by year is summarized in the Table below:

Calendar Year	Original Project Generation, kWh	Expansion Project Generation, kWh	Total Generation, kWh
2018	335,775 (1)		335,775
2019	1,405,352		1,405,352
2020	1,488,203	314,517 (2)	1,802,720
2021	1,503,958	599,826	2,103,784
2022	1,452,203	604,822	2,057,025
TOTAL	6,185,491	1,519,165	7,704,656
	(1) Original Project (1.16 MW DC) generation started 8/24/2018	(2) Expansion Project (0.25 MW DC) generation started 5/21/2020	(3) Total Generation through 12/31/2022

2. Solar generation has avoided \$381,444 in purchased energy costs for the City of Escanaba through 12/31/2022.

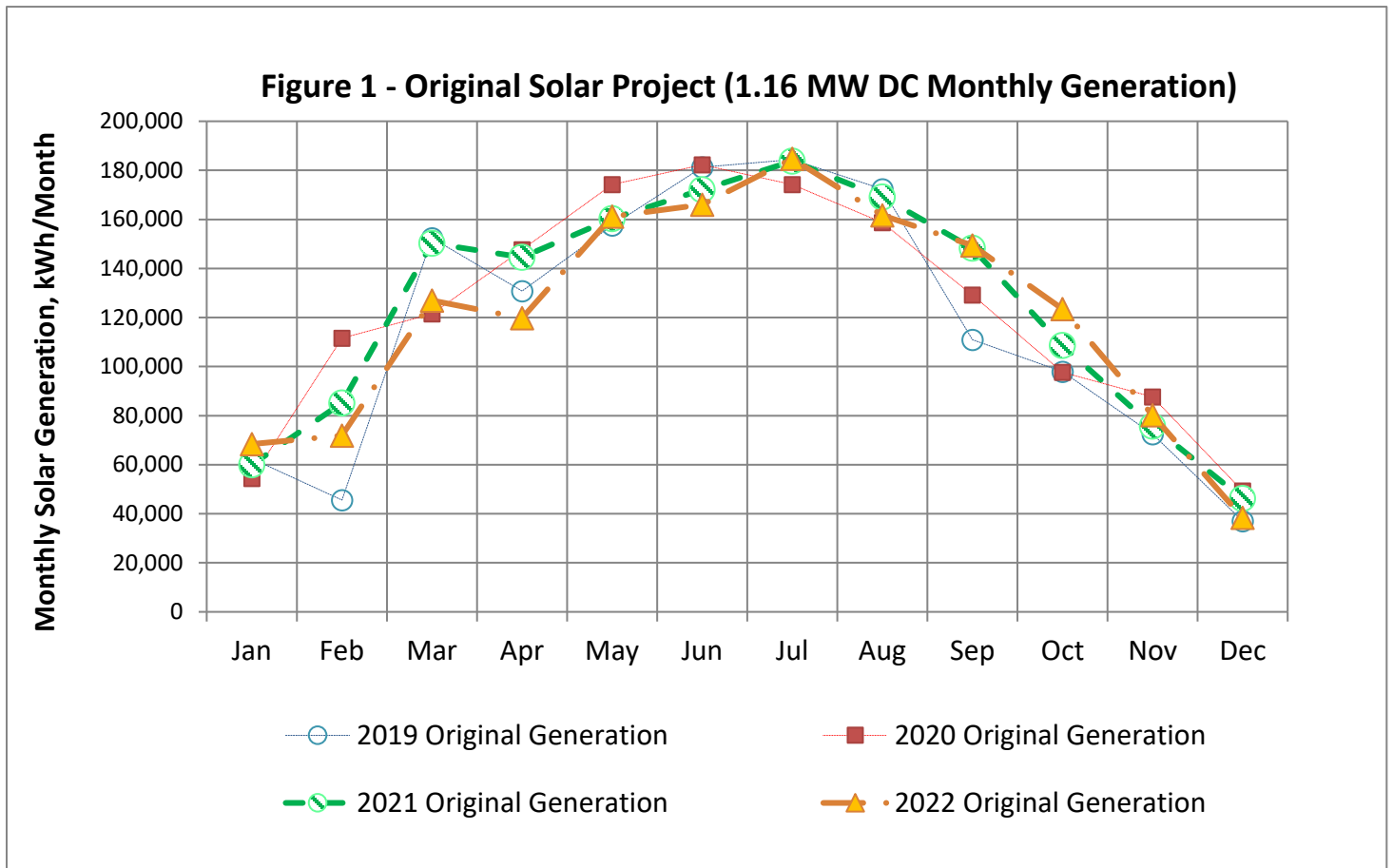
3. Solar generation has avoided \$91,630 in transmission costs through 11/30/2022 by reducing the City of Escanaba monthly co-incident load during the monthly ATC transmission system peak load. As summarized in the following Table, the monthly ATC system peak load occurs during daylight hours with resulting solar generation during 7 to 8 months of each year.

Calendar Year	Solar Generation During Monthly ATC Peak Load	
	Number of Months	Months
2019	8	Feb, Apr – Oct
2020	8	Mar – Oct
2021	7	Apr – Oct
2022 thru Nov	8	Feb, April-Oct

The ATC system monthly peak loads follow a consistent recurring pattern:

- On Non-holiday workdays (Monday – Friday)
- In a narrow time range

4. As shown in Figure 1 below, the monthly solar generation for the Original Project follows a consistent monthly pattern.



5. Solar Project operations update:

a. No significant operating problems have been experienced with the Original project equipment in 2022.

b. The only operating problems experienced in 2022 for the Expansion Project relate to the On and Off operation of Inverter #16. The #16 inverter shutdowns occur during periods of high generation rates. The #16 Inverter wiring box was replaced in April. Yaskawa committed to replacing the Inverter upper powerhead in November. Shipment of a new powerhead is waiting inventory restocking. Lost generation in October through December, due to the erratic #16 Inverter operation has been minimal because of the low generation rates in these months (note Figure 1).

6. Inflation Reduction Act (IRA) of 2022 – Preliminary Solar Generation Assessment

- a. Act signed on August 16th, 2022
- b. In the past, Public power utilities like Escanaba’s Municipal utility, or co-operatives like Alger-Delta, were not able to take advantage of the 26% solar investment tax credits (ITC).
- c. **With passage of the IRA, the ITC is now 30% for the next 10 years.**
- d. **More importantly, the IRA allows tax exempt utilities, like Escanaba’s, to claim the energy tax credits (ITC) as a direct payment.**
- e. The complex rules and guidelines for implementing the IRA are now being developed and should become clearer in the first half of 2023.
- f. **The potential 30 to 40% ITC payment could dramatically lower the Solar Generation LCOE for Escanaba (i.e., to less than current NextEra energy contract).**
- g. **Understanding how the IRA rules apply to Escanaba will be a key activity for the first half of 2023.**



CITY OF ESCANABA
Residential Energy Optimization Program
2023 Incentive Application

Ready to start your project? Follow these 3 simple steps.

Step #1: Make Sure Your Project is Eligible

Check the specifications listed in this application and/or speak with the City of Escanaba Electric Department by calling 906-786-0061 to make sure your project is eligible for Energy Optimization incentives.

All equipment must be new and installed or operated in a residential dwelling whose electric service is provided by the City of Escanaba.

Step #2: Complete Your Project

Install your new, energy-efficient equipment following the specifications listed in this application.

Step #3: Apply for Your Cash Incentive

Once your project is complete, it's time to request your cash incentive. You must submit:

1. A completed and signed application.
2. Itemized invoice(s) for contractor-installed equipment, including installation date, costs for equipment installed and installation labor.
3. For ENERGY STAR® products/equipment, the ENERGY STAR® logo and a copy of invoice/receipt.
4. For HVAC or Water Heating, the AHRI Certificate (required to verify efficiency).
5. For all other items just send in a copy of the invoice/receipt.
6. Your completed application and the required materials listed above must be received within 60 days of purchase and/or installation.
7. To submit your documents, either mail, email or hand deliver to:

City of Escanaba Utility Office
410 Ludington Street
Escanaba, MI 49829

OR

Email to:
cityelectric@escanaba.org

Have Questions?
Call 906-786-0061



2023 Energy Optimization Residential Program Customer Information

Customer Information

Customer Name	Phone	Email	
Mailing Address	City	State	ZIP Code
Installation Address (If Different than Above)	City	State	ZIP Code
City of Escanaba Electric Account Number	Fuel type for space heating: <input type="checkbox"/> Natural Gas <input type="checkbox"/> Electric <input type="checkbox"/> LP(Propane) <input type="checkbox"/> Oil		
Name of Installing Contractor for HVAC and EV	Contractor Name		
Address	City	State	ZIP Code
Contractor Phone	Contractor Email		
Certifications and Signature I hereby certify that: The information contained in this application is accurate and complete. All rules of this incentive program have been followed. I have read and understand the Terms and Conditions included with this document. I agree to verification of equipment installation which may include a site inspection by a City of Escanaba representative. I understand that I am not allowed to receive more than one incentive from this program for any one piece of equipment. I hereby agree to indemnify, hold harmless and release the City of Escanaba 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. I understand that my submittal of the requested information is for the sole purpose of my program participation. I further understand that this information will be treated as confidential to the extent permitted by law.			
Customer Signature	Print Name	Date Submitted	

Complete section below only if rebate will be paid to the Contractor or Landlord

Payee Legal Name (as shown on income tax return):		Payee Business Name (if different than payee legal name):	
Payee Legal Address:	City:	State:	ZIP:
Mail Check to: <input type="checkbox"/> Payee Legal Address <input type="checkbox"/> Job Site Address <input type="checkbox"/> Alternate Address (complete below):			
Alternate Pay Address (optional):	City:	State:	ZIP:
Payee Federal Tax Classification (check ONE only): <input type="checkbox"/> Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Sole Proprietor/Individual <input type="checkbox"/> LLC <input type="checkbox"/> Other tax exempt organization or gov't agency			
Payee Taxpayer Identification Number (TIN) (Must match payee legal name above): FEIN #: _____ - _____			
Payee Signature:	Print Name:	Title:	Date:

For Internal Use Only

Date Received	Post Inspection	Incentive Approval	Date Approval
	Post Inspection Required? <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	



2023 Energy Optimization Residential Program Equipment Specifications & Documentation Requirements

Incentive Worksheet

Lighting	Qualifications/ Limits	Quantity	Incentive	Total Incentive
LED Bulbs	ENERGY STAR, Limit 12		\$2.00	
LED Interior or Exterior Fixture	ENERGY STAR, Limit 12		\$10.00	
LED Tube Replacement	Replace Fluorescent Tubes, Limit 12		\$5.00	

Appliances	Qualifications/ Limits	Quantity	Incentive	Total Incentive
Refrigerator	ENERGY STAR, Limit 1		\$50.00	
Freezer, Chest or Upright	ENERGY STAR, Limit 1		\$50.00	
Portable Dehumidifier	ENERGY STAR, Limit 2		\$30.00	
Whole Home Dehumidifier	ENERGY STAR, Limit 1		\$100.00	
Room Air Conditioner	ENERGY STAR, Limit 4		\$30.00	
Room Air Purifier	ENERGY STAR, Limit 2		\$30.00	
TV	ENERGY STAR, Limit 2		\$40.00	
Induction Stove	ENERGY STAR, Limit 1		\$100.00	
Dish Washer	ENERGY STAR, Limit 1		\$40.00	
Clothes Washer	ENERGY STAR, Limit 1		\$50.00	
Electric Clothes Dryer	ENERGY STAR, Limit 1		\$50.00	
Heat Pump Clothes Dryer	ENERGY STAR, Limit 1		\$100.00	

HVAC & Water Heaters	Qualifications/ Limits	Quantity	Incentive	Total Incentive
Electric Water Heater	ENERGY STAR, Limit 1		\$50.00	
Heat Pump Water Heater	ENERGY STAR, Limit 1		\$200.00	
Heat Pump Home Heat	ENERGY STAR, Limit 1		\$400.00	
Efficient Furnace Blower Motor	ECM Blower Motor, Limit 1		\$75.00	
Central Air	ENERGY STAR, Limit 1		\$200.00	
Central Air Source Heat Pump	ENERGY STAR, Limit 1		\$400.00	
Mini-Split Heat Pump System	ENERGY STAR, Multi-Room Limit 1		\$300.00	
WIFI Thermostat	ENERGY STAR, Limit 2		\$50.00	

EV Charger	Level 2, 240V, Limit 1	Quantity	Incentive	Total Incentive
Charger Manufacturer:	Charger Model:		\$250.00	
EV Charger Equipment Cost:	EV Charger Installation Cost:			
EV Make:	EV Model/ Year:			

Total Incentives:	\$
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GENERAL PROGRAM RULES

This offer is valid only for City of Escanaba residential electric customers whose accounts are current. Offer is good for a limited time while funds are available on a first-come, first-served basis. City of Escanaba reserves the right to withdraw or change this offer without notice. Incentives may not exceed purchase price. Ineligible incentive requests are subject to denial or repayment to program.



City of Escanaba

Commercial & Industrial Energy Optimization Program 2023 Incentive Application

Ready to start your project? Follow these 3 simple steps.

Step #1: Request Pre-Approval

Pre-Approval is not necessary, however it is recommended to ensure that your project is eligible and to reserve funds. If your project has already been completed, move to Step #3. For Pre-Approval, please submit:

1. The Pre-Approval Agreement (found on page 2 of this application), completed and signed.
2. Completed the worksheets on page 4 and 5 of this application that are applicable to your project.
3. Itemized quote/proposal with model numbers from your contractor or supplier.
4. New product specification sheets.

All Projects are subject to inspection before and/or after work is performed.

Step #2: Complete Your Project

If your project meets the pre-approval criteria, you will be notified that funds have been reserved. Following the specifications listed in this application, install your equipment within 6 months. Due to limited funds, applications that are not completed within 6 months from the date of pre-approval are subject to cancellation.

Step #3: Get Your Cash Incentive

Once your project is complete, you must submit:

1. The Payment Approval Agreement (found on page 3 of this application), completed and signed.
2. The worksheets on pages 4 and 5 of this application.
3. The itemized invoice(s) for materials and any applicable external labor costs, including the following:
 - Contractor's name and contact information
 - Customer's name and contact information
 - Date of invoice
 - Line item cost for each product
 - Quantities of each product
 - Complete product model numbers
 - Labor (and other) expenses listed separately from product costs
 - Total invoice amount

To submit your documents, either mail or hand deliver to:

**City of Escanaba Electric Dept
1711 Sheridan Road
Escanaba, MI 49829**

OR

**Email to:
cityelectric@escanaba.org**

**Have Questions?
Call 906-786-0061**



2023 Energy Optimization Commercial & Industrial Program Pre-Approval Agreement

Pre-Approval Agreement – Step #1

Please complete and submit this page, along with the appropriate worksheet(s) and quotes with model numbers from your contractor. If you plan to install the equipment yourself, please submit a quote/proposal for the cost of the equipment from a supplier or distributor. If your project meets the pre-approval criteria, you will be notified that funds have been reserved. You can then proceed with completing your project as described in Step #2 on page 1 of this application.

Name of Business		Phone	Email	
Mailing Address		City	State	ZIP Code
Installation Address (if Different than Above)		City	State	ZIP Code
Annual Hours of Operation	City of Escanaba Electric Account Number		Taxpayer ID # (SSN/FEIN or Payee)	
Building Use (Please Check One): <input type="checkbox"/> Office <input type="checkbox"/> Retail <input type="checkbox"/> Warehouse <input type="checkbox"/> Restaurant <input type="checkbox"/> Grocery Store/Supermarket <input type="checkbox"/> Manufacturing <input type="checkbox"/> Lodging <input type="checkbox"/> School (K-12) <input type="checkbox"/> School (College) <input type="checkbox"/> Healthcare Facility <input type="checkbox"/> Other/Miscellaneous				
Name of Supplier/Distributor		Contact Name		
Name of Installing Contractor		Contact Name		
Address		City	State	ZIP Code
Contractor Phone		Contractor Email		
Certifications and Signature I hereby certify that: The information contained in this application is accurate and complete. All rules of this incentive application have been followed. I have read and understand the Terms and Conditions included with this document. I agree to verification of equipment installation which may include a site inspection by an utility representative. I understand that I am not allowed to receive more than one incentive from this program on any piece of equipment. I hereby agree to indemnify, hold harmless and release the utility 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.				
Customer Signature			Date Submitted	
Print Customer Name			Estimated Completion Date	

You can submit your documents one of two ways...

**City of Escanaba
Electric Department
1711 Sheridan Road
Escanaba, MI 49829**

EMAIL:
cityelectric@escanaba.org



2023 Energy Optimization Commercial & Industrial Program Payment Approval Agreement

Payment Approval Agreement – Step #3

Please complete and submit this page along with your itemized invoice(s) and pages 4 and 5 of this application.

Name of Business					
Total Project Cost		Total Incentives Requested		Pre-Approval Incentive Amount (If Applicable)	
Mailing Address			City	State	ZIP Code
Installation Address (If Different than Above)			City	State	ZIP Code
Print Name		Date		Installation Completion Date	
Certifications and Signature I certify that I am an eligible City of Escanaba electric utility customer and that the efficiency measures in this application were installed in this facility. I certify that I have read and complied with the Terms and Conditions of this application. By submitting this application, I understand that this facility may be inspected by employees or contractors/subcontractors of City of Escanaba to verify installation of any and all measures applied for in this application and that the project follows all program guidelines.					
Customer Signature					

OPTIONAL: Complete section below **ONLY** if incentive is to be paid to a third-party other than the customer.

Make Payable To		Contact Name		Contact Phone	
Mailing Address			City	State	ZIP Code
Taxpayer ID # (FEIN or Payee)		Tax Status (Please Check One): <input type="checkbox"/> Corporation <input type="checkbox"/> Tax Exempt <input type="checkbox"/> Individual <input type="checkbox"/> Other:			
Print Name				Date	
Certifications and Signature I am authorizing the payment of the incentive to the third party named above, and I understand that I will not be receiving the incentive payment. I also understand that my release to a third party does not exempt me from the program requirements outlined in the Terms and Conditions.					
Customer Signature					
I certify that I have read and complied with the Terms and Conditions of this application.					
Third Party Rebate Recipient Signature					

You can submit your documents one of two ways...

**City of Escanaba
Electric Department
1711 Sheridan Road
Escanaba, MI 49829**

EMAIL:
cityelectric@escanaba.org



2023 Energy Optimization Commercial & Industrial Program
 Equipment Specifications & Documentation Requirements
 Energy Optimization Incentives
 Capped at \$7,500 Per Customer

Lighting	Qualifications	Quantity	Incentive	Total Incentive
LED Replacement Screw in Bulbs-Small	150W or Less Incandescent Equivalent		\$2.00/ Bulb	
LED Replacement Screw in Bulbs-Medium	151 to 500W Incandescent Equivalent		\$5.00/ Bulb	
LED Replacement Screw in Bulbs-Large	501W or Greater Incandescent Equivalent		\$10.00/ Bulb	
LED Replacement Tubes- Small	4 Ft or Less		\$5.00/ Tube	
LED Replacement Tubes- Large	Greater than 4 Ft		\$10.00/ Tube	
LED Interior Fixture	Energy Star on DLC Listed. Per Actual Fixture Watt Rating		\$0.50/ W	
LED Outdoor Fixture	Energy Star or DLC Listed. Per Actual Fixture Watt Rating.		\$0.60/W	
Room Lighting Occupancy Sensor	Turns Lights Off When Room is Unoccupied		\$25/ Room	
LED Exit Sign			\$5/ Sign	

HVAC Equipment	Qualifications	Quantity	Incentive	Total Incentive
Variable Frequency Drives on HVAC Equipment	Installed on Equipment Currently Without VFDs		\$75/HP	
AC Air-Source Heat Pump			\$50/ Ton	
Ground Source Heat Pump			\$50/ Ton	
HVAC Chiller Replacement			\$40/ Ton	
ECM Condenser Fan Motor	Replace Non- ECM Motor		\$75/ Ton	
Commercial Heat Pump Water Heater			\$500	

Other Motorized Equipment Compressors, Fans, Etc.	Qualifications	Quantity	Incentive	Total Incentive
Variable Frequency Drives	Installed on Equipment Currently Without VFDS		\$75/ HP	
Soft Starters	Installed on Equipment Currently Without Soft Starters		\$20/ HP	
ECM Motor	Replace Non-ECM Motor		\$75/ HP	

Commercial Kitchen Equipment	Qualifications	Quantity	Incentive	Total Incentive
Electric Steam Cooker	Energy Star		\$300/ Pan	
Commercial Refrigerator	Energy Star		\$100/ Pan	
Commercial Freezer	Energy Star		\$100/ Unit	
Commercial Ice Machine	Energy Star		\$100/ Unit	
Commercial Electric Fryer	Energy Star		\$100/ Unit	
Hot Holding Cabinets	Energy Star		\$100/ Unit	
Commercial Dishwasher	Energy Star		\$300/ Unit	

You can submit your documents one of two ways...

**City of Escanaba
 Electric Department
 1711 Sheridan Road
 Escanaba, MI 49829**

EMAIL:
cityelectric@escanaba.org

2023 Energy Optimization Commercial & Industrial Program
 Equipment Specifications & Documentation Requirements
 Energy Optimization Incentives
 Capped at \$7,500 Per Customer

Commercial Refrigeration	Qualifications	Quantity	Incentive	Total Incentive
LED Grocery Case Lighting			\$40/ Door	
Motion Sensor for LED Case Lighting			\$10/ Door	
ECM Motor- Walk- In/ Case Cooler/ Freezer	Replace Non-ECM Motor		\$75/ HP	
Anti- Sweat Heater Controls	Relative Humidity Controls for Anti-Sweat Heaters		\$80/ Door	

Custom Energy Reduction Incentive	Qualifications	Quantity	Incentive	Total Incentive
Custom Energy Reduction Incentive	Must Reduce Energy Use for a Specific Piece of Equipment or Process. Contact the Electric Department to discuss and calculate custom incentives.		\$0.10/kwh Reduced	

EV Chargers	Qualifications	Quantity	Incentive	Total Incentive
Level 2 EV Charger			\$250/ Charger	
DC Fast Charger	Chargers that Reduce Output When Charging More Than One Vehicle are Considered One Charger.		\$1000/ Charger	

Total Incentives:				\$
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GENERAL PROGRAM RULES

This offer is valid only for City of Escanaba commercial and industrial electric customers whose accounts are current. Offer is good for a limited time while funds are available on a first-come, first-served basis. City of Escanaba reserves the right to withdraw or change this offer without notice. Incentives may not exceed purchase price. Ineligible incentive requests are subject to denial or repayment to program.

You can submit your documents one of two ways...

**City of Escanaba
 Electric Department
 1711 Sheridan Road
 Escanaba, MI 49829**

EMAIL:
cityelectric@escanaba.org



2023 Energy Optimization Commercial & Industrial Program Terms and Conditions

Terms and Conditions

1. **Eligibility:** These incentives are offered by the City of Escanaba to commercial and industrial electric customers installing energy efficient equipment only. For questions regarding eligibility, call 906-786-0061.
2. **Incentive Offer:** Applicant has 6 months from the date of the acceptance letter to complete the proposed project. Applications that are not completed within 6 months are subject to cancellation. Additionally, invoice(s) related to the equipment upgrade must be submitted to the City of Escanaba within 90 calendar days of installation (completion). Please keep a copy for your records. Incentives are calculated based on prescriptive incentive rates and shall not exceed the total cost of equipment, labor, and other associated project costs.
3. **Project Documentation Requirements:** Customer will have to provide the City of Escanaba with the documentation as listed in the instructions (page 1). If the Customer does not provide the required project documents to the City of Escanaba, the project may be disqualified from the program.
4. **Energy Efficiency Improvement Qualifications:** Increased energy efficiency resulting from peak shaving, demand limiting, or operating schedule changes does not qualify. To qualify, equipment must have a planned minimum usage of 1,500 hours per year. If Customer's equipment does not meet required usage hours per year, an incentive cannot be offered. If Customer has questions or concerns about above qualifications, Customer may contact the City of Escanaba at 906-786-0061 to discuss.
5. **Incentive Limit:** Prescriptive and Custom project applications may receive or cumulate a maximum of \$7,500 combined per customer name and/or business entity each calendar year. Incentive limit is subject to change without notice. Incentives for measures can be up to 100% for Prescriptive projects and 50% for Custom projects of the total project cost of a specific measure but shall not exceed the incentives for each measure on the application Worksheet(s).
6. **Compliance:**
 - a. All projects must comply with applicable federal, state and local laws.
 - b. All equipment must be new or retrofitted with new components.
 - c. The purchase and installation of used equipment is not eligible for incentives. Existing equipment must be removed and/or permanently disconnected.
 - d. Equipment must meet specification requirements as defined in application Worksheets and Equipment Guidelines.
7. **Payment:** Approved Final Applications will receive payment within approximately 4 weeks of signed payment approval. Incomplete applications may delay payments or result in denial of application approval. The City of Escanaba reserves the right to refuse payment and disqualify customer from participating in the program if the Customer or their contractor violates any program Terms and Conditions.
8. **Inspection:** City of Escanaba staff or it's designated contractor may conduct inspection(s) of the project site to survey existing conditions and/or newly installed equipment.
9. **Program Discretion:** Incentives are available on a first-come, first-served basis. Incentive amounts and offerings are subject to change and/or termination without notice at the discretion of the City of Escanaba.
10. **Disclaimers:** The City of Escanaba:
 - a. does not endorse any particular manufacturer, product, labor or system design by offering this program;
 - b. is not responsible for any tax liability imposed on the customer as a result of the payment of incentives. The City of Escanaba is tax exempt;
 - 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 and/or for any damage caused by the malfunction of the installed equipment.
11. **Indemnification:** Customer shall, to the fullest extent permitted by law, indemnify and hold harmless the City of Escanaba, and their officers, agents and employees harmless from and against all losses and litigation expenses arising out of or resulting from the performance of work hereunder and caused, in whole or part, by any act or omission of Contractor. The City of Escanaba shall further be entitled to all cost (which include both internal and external) incurred in the process of enforcing this or any other provision under this agreement. This provision is not intended and is not to be construed as a waiver of the defense of governmental immunity otherwise available nor is it intended to grant third party beneficiary status to any person or entity.
12. **Governing Law:** This agreement is construed in accordance with Michigan law, without regard to conflict of laws, provisions, and venue is in the county in which the municipality resides.