

City of La Crescent – B3 Benchmarking

www.mn.b3benchmarking.com

La Crescent's B3 Ranking

Overall Cities:
#35 out of 243

Overall Cities
in GreenStep
Program:

#7 out of 107

Features & Benefits

Energy
Modeling

Peer
Comparisons

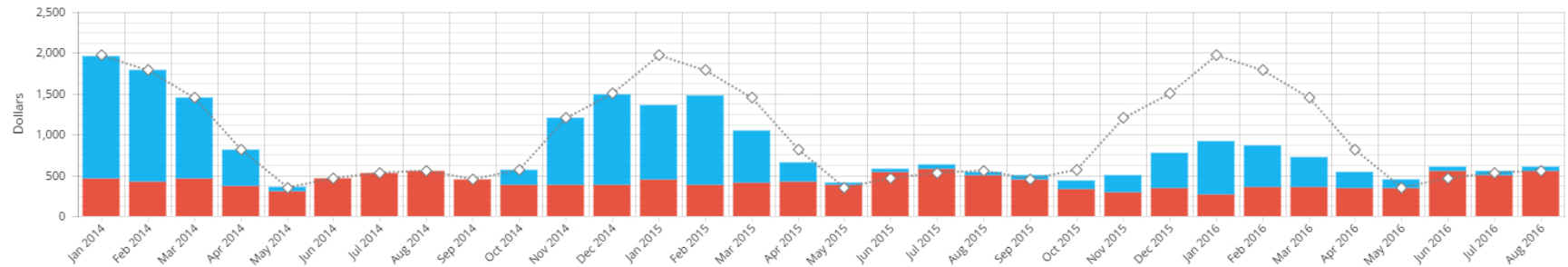
ENERGY STAR
Scores

Target Tracking

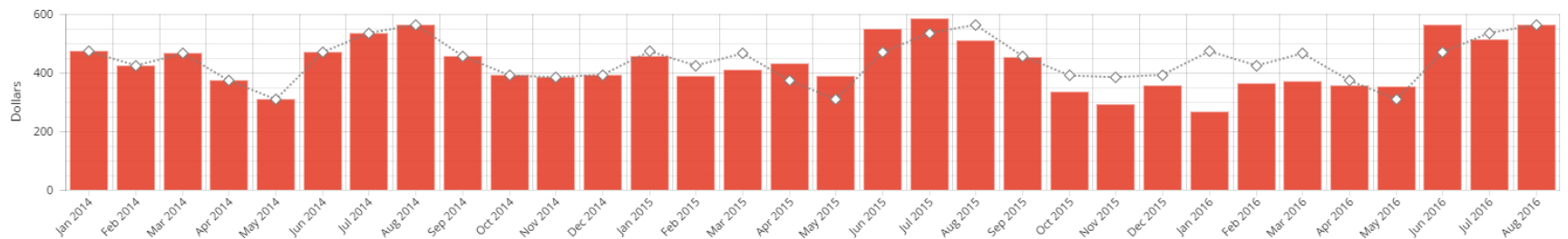
Dynamic
Reporting

Funded by the MN Departments of Commerce and Administration, B3 Benchmarking allows the City of La Crescent to track, manage, and reduce energy costs and our environmental footprint. Due to recent remodeling of the La Crescent Fire Station & Community Building, B3 Benchmarking allows the City of La Crescent to appreciate the financial and ecological impacts in regards to energy usage.

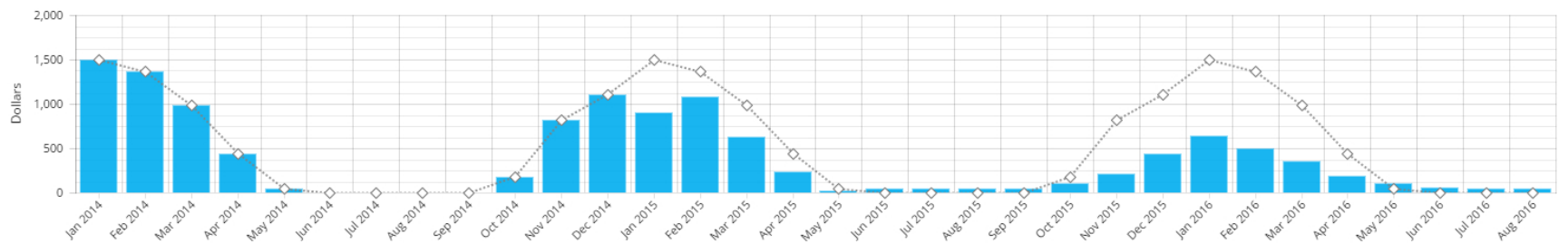
Electric
Natural Gas
Baseline



Graph 1: Monthly continuous analysis of dollars spent on electric and gas costs for the La Crescent Community Building and Fire Station from January 2014 – August 2016. Baseline comparison includes dollars spent from January 2014 – December 2014.



Graph 2: Monthly continuous analysis of dollars spent on electric costs for the La Crescent Community Building and Fire Station from January 2014 – August 2016. Baseline comparison includes dollars spent from January 2014 – December 2014.



Graph 3: Monthly continuous analysis of dollars spent on gas costs for the La Crescent Community Building and Fire Station from January 2014 – August 2016. Baseline comparison includes dollars spent from January 2014 – December 2014.

City of La Crescent – B3 Benchmarking

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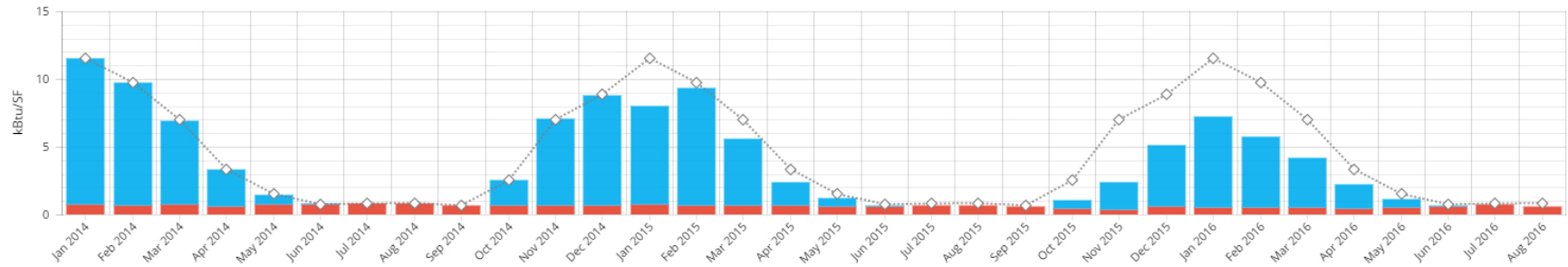
Partners

Buildings,
Benchmarks,
and Beyond

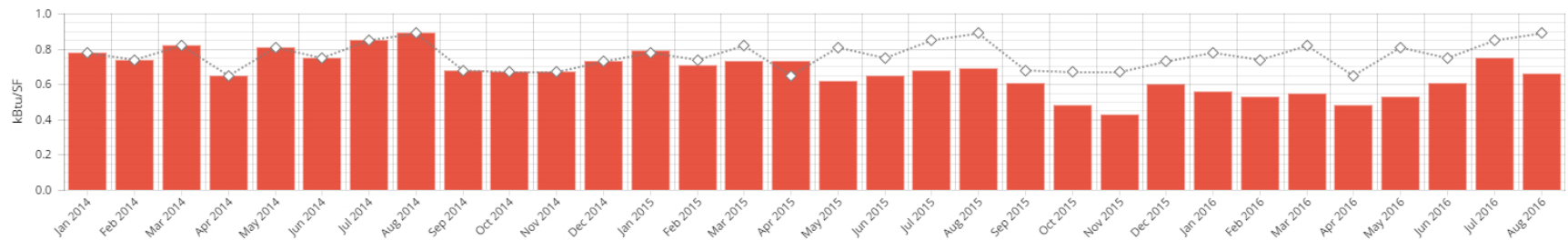
MN Department
of Commerce

Admin
Minnesota

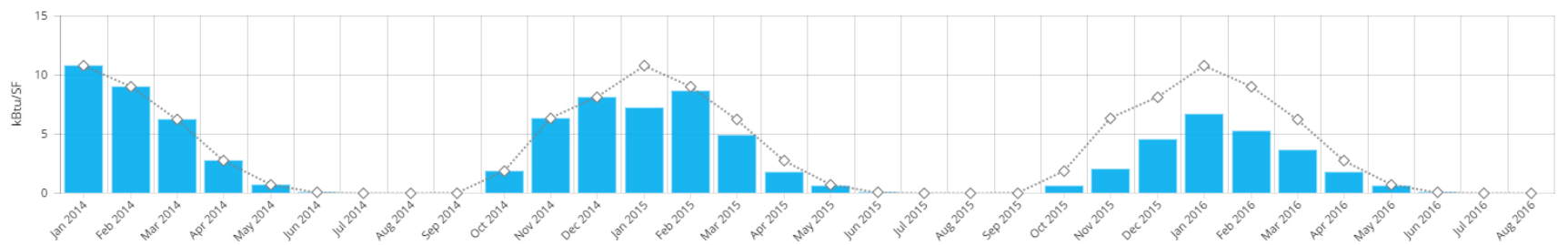
The Weidt
Group



Graph 4: Monthly continuous analysis of electric and gas consumption (kBtu/SF) for the La Crescent Community Building and Fire Station from January 2014 – August 2016. Baseline comparison includes dollars spent from January 2014 – December 2014.

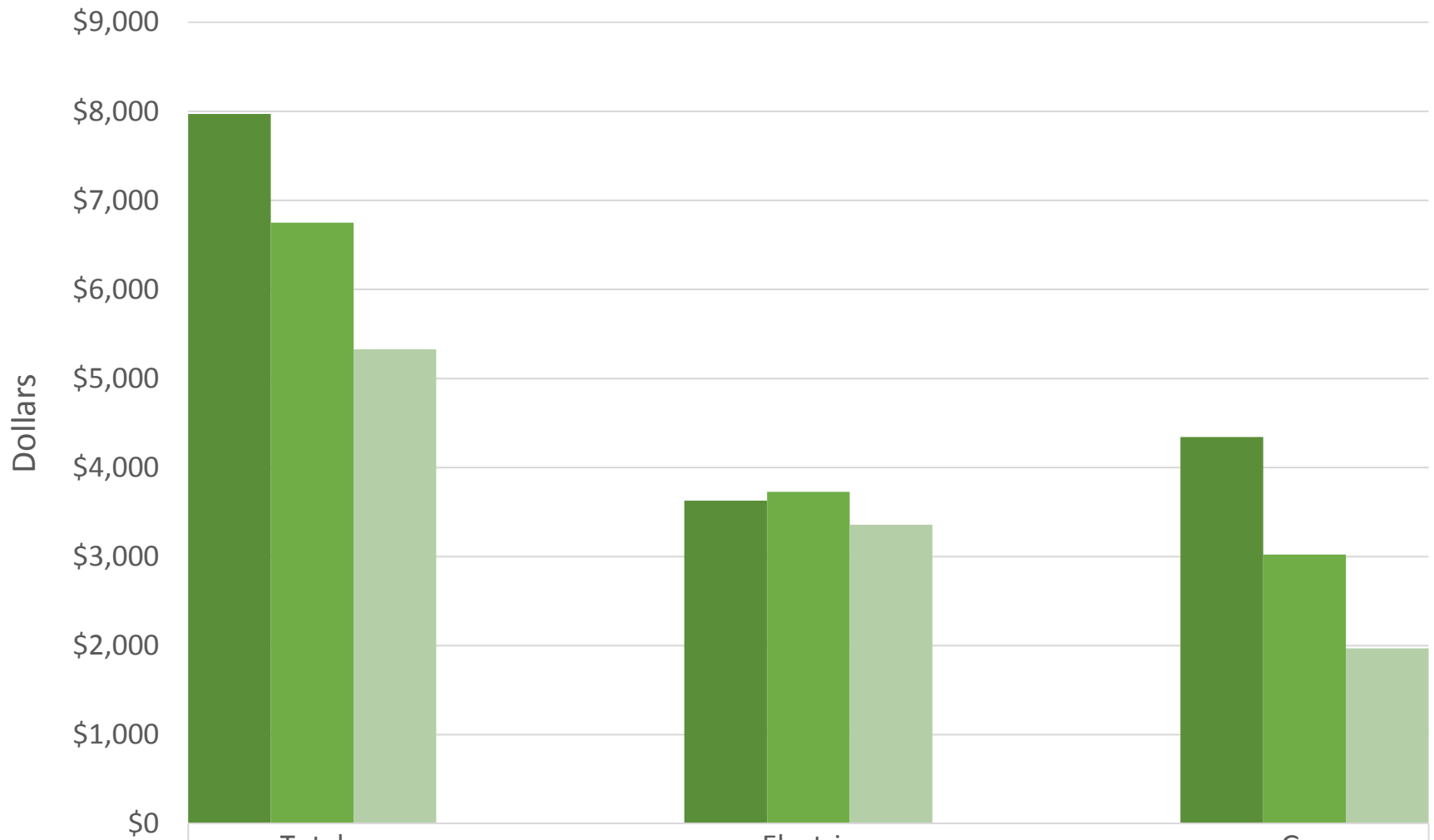


Graph 5: Monthly continuous analysis of electric consumption (kBtu/SF) for the La Crescent Community Building and Fire Station from January 2014 – August 2016. Baseline comparison includes dollars spent from January 2014 – December 2014.



Graph 6: Monthly continuous analysis of gas consumption (kBtu/SF) for the La Crescent Community Building and Fire Station from January 2014 – August 2016. Baseline comparison includes dollars spent from January 2014 – December 2014.

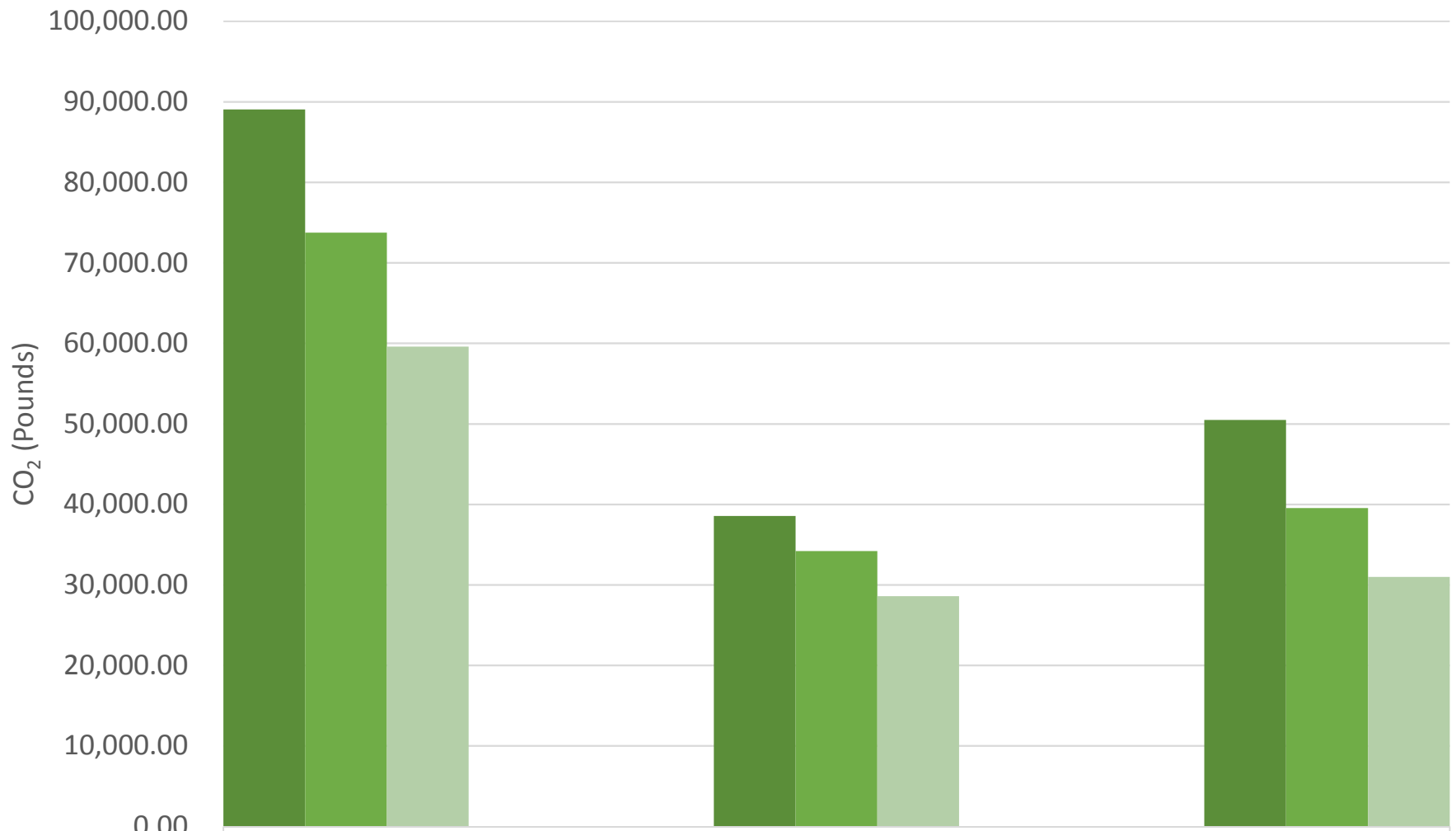
Community Building - City of La Crescent - Dollars Spent



	Total	Electric	Gas
Jan-Aug 2014	\$7,969.68	\$3,627.61	\$4,342.07
Jan-Aug 2015	\$6,749.61	\$3,726.82	\$3,022.79
Jan-Aug 2016	\$5,326.12	\$3,357.17	\$1,968.95

Graph 7: 2014, 2015, and 2016 eight month analysis of dollars spent on electric and gas costs for the La Crescent Community Building and Fire Station.

Community Building - City of La Crescent - Output of CO₂



	Total	Electric	Gas
■ Jan-Aug 2014	89,039.60	38,563.44	50,476.16
■ Jan-Aug 2015	73,729.53	34,194.62	39,534.91
■ Jan-Aug 2016	59,598.90	28,606.46	30,992.44

Graph 8: 2014, 2015, and 2016 eight month analysis of CO₂ (pounds) output of electric and gas costs for the La Crescent Community Building and Fire Station.

Minnesota Department of Commerce
Made in Minnesota Solar Incentive Program
Solar Photovoltaic (PV)
RESERVATION NOTICE

Date of Reservation: September 22, 2016

Application Number: MIM16-02678

Host Customer: CITY OF LA CRESECENT

Installation Address: 336 S 1st St, La Crescent, MN 55947

Deadline to file for an extension: {12/01/2016}

Maximum Kilowatt Capacity (DC) of Project: System Nameplate (DC) Rating: 39.900 kW

System CEC-AC Rating: 34.248 kW

System CSI-AC Rating: 32.203 kW

Design Factor: 94.030%

Inverter: 70 Altenergy Power System 0.5 kW (Model YC500A (240V))

Module Array: 140 Silicon Energy 285W (Model SiE-V-285) Tilt: 15 Azimuth: 180

Monthly Shading Factor: 100%

Solar Incentive Amount: \$0.25 per kWh

Congratulations! This Reservation Notice confirms that CITY OF LA CRESECENT is no longer on the wait list and has received a 2016 incentive reservation in the Made in Minnesota Solar Incentive Program for application number MIM16-02678.

To confirm your funding reservation, please email the following information to Solar.help@state.mn.us by October 10, 2016 with the MiM application number in the subject line. All information must be tied to the specific MiM application number listed in the email:

- A copy of the installation agreement signed by host customer and installer
- Payee name and contact information
- A State of Minnesota Vendor Identification (ID) Number for the designated project payee. Vendor IDs can be obtained from the [Minnesota Supplier Portal](#)

If this information is not received on time your funding reservation may be cancelled and reallocated to another project on the wait list. If this information is not received on time your funding reservation may be cancelled and reallocated to another project on the wait list. If the project will not be proceeding as planned, email Solar.help@state.mn.us to cancel the project as soon as possible.

Compliance with Program Guidelines

If the project will not be completed by December 31, 2016, applicants must file an extension request by December 1, 2016. Extension requests, which will be considered on a case by case basis, must show evidence of a purchase order from one of the MiM certified manufacturers. Extensions may provide an additional six (6) months to complete the project or until June 30, 2017.

Incentives are paid in accordance with Minnesota State Statute [§216C.414] “Made in Minnesota” Solar Energy Production Incentive. Compliance with program guidelines is required for payment of an incentive. Any changes to the design of the solar array from that submitted with the application must be approved in advance by the program administrator.

If you have any questions, please send an email to solar.help@state.mn.us or review the Made in Minnesota Solar Incentive [Program Guidelines](#).

Thank you for expanding Minnesota’s solar resources,

Mr. Kim W. Havey, AICP, LEED AP
Minnesota Department of Commerce
Made in Minnesota Solar Program Coordinator
85 7th Place East, Suite 500, Saint Paul, MN 55101
Phone: 651-539-1761 Fax:651-539-0109
Solar.Help@state.mn.us | mn.gov/made-in-minnesota

Minnesota Department of Commerce
Made in Minnesota Solar Incentive Program
Solar Photovoltaic (PV)
Extension Request Approved

Date: October 20, 2016

Application Number: MIM16-02678

Host Customer: Bill Waller, City of La Crescent

Installation Address: 336 S 1st St, Fire Hall, La Crescent, MN 55947

Expiration of Reservation: {06/30/2017}

Maximum Kilowatt Capacity (DC) of Project: System Nameplate (DC) Rating: 39.900 kW

System CEC-AC Rating: 34.248 kW

System CSI-AC Rating: 32.203 kW

Design Factor: 94.030%

Inverter: 70 Altenergy Power System 0.5 kW (Model YC500A (240V))

Module Array: 140 Silicon Energy 285W (Model SiE-V-285) Tilt: 15 Azimuth: 180

Monthly Shading Factor: 100%

Solar Incentive Amount: \$0.25 per kWh

Your Request for an Extension has been Approved

You have received an extension to complete the Made in Minnesota Solar Project listed above. Your project has until June 30, 2017 to be installed in order to receive your full 10-year incentive. If the project has not been installed by the deadline you may lose your incentive.

After the project has been interconnected and the system turned on, project applicants will need to update the application to ensure the application reflects the "as-built" system that was installed. Once the application has been updated online, all parties to the project must sign the notice of completion, upload the required paperwork and submit the notice of completion. The incentive will start accruing on the date the production meter is installed and the system is turned on.

Any changes to the system size and type of module must be approved by the MiM program administrator prior to installation. The installed system cannot exceed the system size in kW DC that was approved in the original application.

Incentive Payments

Incentive payments will be based on the annual production (kWh) as reported by the utility. Incentives are paid in accordance with Minnesota State Statute [§216C.415] "Made in Minnesota" Solar Energy Production Incentive. The payment of an incentive is conditional on the project's compliance with program rules.

Questions

If you have any questions, please send an email to solar.help@state.mn.us or review the Made in Minnesota Solar Incentive [Program Guidelines](#).

Thank you for supporting solar in Minnesota,

Mr. Kim W. Havey, AICP, LEED AP

Minnesota Department of Commerce

Made in Minnesota Solar Program Coordinator

85 7th Place East, Suite 500, Saint Paul, MN 55101

Phone:651-539-1886 Fax:651-539-0109

Solar.Help@state.mn.us | mn.gov/made-in-minnesota

From: Tim Gulden [mailto:timothy.gulden@yahoo.com]

Sent: Thursday, October 20, 2016 4:40 PM

To: Minnesota Department of Commerce <solar.help@state.mn.us>

Cc: Bill Waller <BWaller@cityoflacscent-mn.gov>; Tim Gulden <tgulden@winonarenewableenergy.com>

Subject: Re: Made in Minnesota Solar Incentive Program Reservation Confirmation

Dear Minnesota Department of Commerce Made in Minnesota Solar Incentive Program,

Please consider granting us a Project Extension Request for Application Number: MIM16-02678. The Funding Confirmation for this project was received 10/13/2016. Our experience has been that the typical time frame from contract signing to paperwork completion is typically 3 to 4 months, which would put us past the December 31st, 2016 deadline. Also, Silicon Energy is not manufacturing the 285 watt module at this time and anticipates to have them ready for shipment on May 5th, 2017.

Please see the attached "Silicon Energy Sales Order 544-1.pdf" as our evidence that an order for solar modules has been made. The scheduled completion time frame for this entire project is on or before June 16th, 2017.

Thank you.

Best Regards,
Tim

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Tim Gulden
PV Installation Professional
NABCEP Certified #032611-128
507-312-0190

On 10/13/2016 12:59 PM, Minnesota Department of Commerce wrote:

**Minnesota Department of Commerce
Made in Minnesota Solar Incentive Program
Solar Photovoltaic (PV)
Funding Confirmation**

Date: October 13, 2016

Application Number: MIM16-02678

Host Customer: City of La Crescent

Installation Address: 336 S 1st St, La Crescent, MN 55947

Expiration of Reservation: {10/31/16}

Maximum Kilowatt Capacity (DC) of Project: System Nameplate (DC) Rating: 39.900 kW

System CEC-AC Rating: 34.248 kW

System CSI-AC Rating: 32.203 kW

Design Factor: 94.030%

Inverter: 70 Altenergy Power System 0.5 kW (Model YC500A (240V))

Module Array: 140 Silicon Energy 285W (Model SiE-V-285) Tilt: 15 Azimuth: 180

Monthly Shading Factor: 100%

Solar Incentive Amount: \$0.25 per kWh

Next Steps for Securing Your Incentive Payment

Thank you for submitting your State of Minnesota Vendor ID number and installation agreement. Your project status has been updated to confirmed reservation. The designated payee or funding recipient is City of La Crescent. You must retain this letter and submit it as part of the interconnection application process with your utility.

After your installer has secured approval for the utility interconnection and has installed the array, project applicants will need to update the application to ensure it reflects the "as-built" system that was installed. Once the application has been updated online, all parties to the project must sign the notice of completion, upload the required paperwork and submit the notice of completion. The incentive will start accruing on the date the production meter is installed and the system is producing energy.

Project Extension Requests

If the project and notice of completion paperwork cannot be completed by December 31, 2016, project applicants must submit an extension request by October 31, 2016 to solar.help@state.mn.us. To receive an extension you must provide evidence that an order for solar modules has been made, such as a purchase order, and a timeline for completion of the project. Extensions may provide an additional six (6) months to complete the project or until June 30, 2017. Extension requests will be considered on a case by case basis.

Incentive Payments

Incentive payments will be based on the annual production(kWh) as reported by the utility. Please note that the project must not exceed the maximum system size (DC) that was applied for in the original application. Incentives are paid in accordance with Minnesota State Statute [§216C.414] "Made in Minnesota" Solar Energy Production

Incentive. The payment of an incentive is conditional on the project's compliance with program rules.

Questions

If you have any questions, please send an email to solar.help@state.mn.us or review the Made in Minnesota Solar Incentive [Program Guidelines](#).

Thank you for supporting solar in Minnesota,

Mr. Kim W. Havey, AICP, LEED AP
Minnesota Department of Commerce
Made in Minnesota Solar Program Coordinator
85 7th Place East, Suite 500, Saint Paul, MN 55101
Phone:651-539-1761 Fax:651-539-0109
Solar.Help@state.mn.us | mn.gov/made-in-minnesota



SALES ORDER

Sales Order Number: 544
 Sales Order Date: Oct 19, 2016
 Ship By: May 5, 2017
 Page: 1

P.O. Box 376
 8787 Silicon Way
 Mt. Iron, MN 55768
 Tel: (218) 789-1710
 Fax: (218) 789-1021

To:
 WINONA RENEWABLE ENERGY, LLC
 1449 RIDGEWOOD DRIVE
 WINONA, MN 55987
 USA

Ship To:
 WINONA RENEWABLE ENERGY, LLC
 City of La Crescent, Fire Hall
 336 S. 1st St
 LA CRESCENT, MN 55947 Tel:507-312-0190

Customer ID	PO Number	Sales Rep Name
WINORENEN	Fire Hall	
Customer Contact	Payment Terms	Shipping Method
Tim Gulden	Prepaid	Best Way

Quantity	Item	Description	Unit Price	Amount
140.00		285W Voyageur Module	484.50	67,830.00
1.00	FREIGHT	S&H Charge; FOB SiE Mtn. Iron, MN	1,150.00	1,150.00
		Application # MIM 16-02678		
		Freight for 6 pallets to commercial address with liftgate service at delivery - please note freight based on current shipper fuel pricing; freight quote subject to change beyond 30 days out		

Subtotal	68,980.00
Sales Tax	
Freight (may appear as a line item)	0.00
TOTAL ORDER AMOUNT	68,980.00

FOB SiE Mt. Iron, MN Silicon Energy Terms and Conditions and restocking fees for returns apply.
 Module wattage may vary at delivery and will be adjusted accordingly on a \$/W basis.



One-Stop Efficiency Shop LIGHTING EFFICIENCY REBATE APPLICATION

Business Information

(Customer agrees to be bound by the program rules as listed on the reverse side.)

Business Name La Crescent City of Firehouse
 Mailing Address 315 Main Street City La Crescent State MN Zip 55947
 Installation Address 336 S 1st St City La Crescent State MN Zip 55947
 Contact Person Shawn Wetterlin Phone (507) 895-4409 Fax (507) 895-8694

The undersigned does hereby certify that: 1) the undersigned, and not Xcel Energy, is solely responsible for the accuracy of the information contained in this application; 2) all installation is complete prior to submitting rebate; and 3) all rules of this One-Stop Efficiency Shop Lighting Efficiency Program (see attached Program Rules) have been followed. Further, the undersigned acknowledges that nothing contained in this application shall impose any liability on Xcel Energy for the work performed and information presented for this Xcel Energy program by the party. The undersigned authorizes the party listed below to receive the rebate check for this project.

Rebate Check	Payable To:	City of La Crescent	Relationship:	Customer
	Mailing Address:	Shawn Wetterlin, Building/ Zoning Official, City of La Crescent, 315 Main Street, La Crescent, MN 55947		

Customer Signature X Shawn Wetterlin Date 8-24-16
 Xcel Account Number 303590755 CEE Financed Yes No

Rebate Information

Estimated electric demand savings	8,915 kW
Estimated electric energy savings	81,973 kWh/yr
Installed cost of new lighting systems	\$23,201.00
One-Stop Efficiency Shop Rebate (See attached pages for details)	\$6,461.47
Net cost of new lighting systems	\$16,739.53

Rebate Calculation Method			
Rebate Code	KW	% Cap	KWh
Exterior 12/KWh	\$0/kW		\$0.12/kWh
\$465.682	0.0000		3,881
\$0.000	0.0000	[60%]	0
One-Stop 200	\$200/kW		\$0.10/kWh
\$5,936.292	5.5170		48,329
\$59.496	0.1620	[60%]	1,419

Vendor Information

Vendor Name Graf Electric, Inc Contact Jeff Graf Wk Ph (507) 895-6156
 Email mjgraf@acegroup.cc Mobile (608) 769-0515

Xcel Energy

IMPORTANT: A copy of this completed application form and the DETAILED invoice are required before Xcel Energy issues incentives. Xcel Energy retains the right to make adjustments to correct incentive calculations if necessary.

For official reporting use only. Do not write in this space.

KW Save (EISA)	KWh Save (EISA)	Interactive KW	Interactive KWh	Peak Coincident	Incremental Capital	Interactive Heating
5.679	53,629	7.553	59,101	7.251 KW	23,201.00	-502.82

Customer Business Office (signature)

Date:

ONE-STOP EFFICIENCY SHOP® PROGRAM RULES and REQUIREMENTS

The One-Stop Efficiency Shop® lighting efficiency program ("One-Stop Program"), administered by Center for Energy and Environment ("CEE") and funded through Xcel Energy, offers cash rebates to eligible small business customers ("Participant") who purchase and install qualifying energy-efficient lighting products in existing buildings.

The intent of the One-Stop Program, operating as a Minnesota Conservation Improvement Program (CIP), is to incentivize Xcel Energy's customers to install energy efficient equipment earlier than they would have otherwise by defraying a portion of the cost of the retrofit. To ensure that the program operates as intended, the Participant must have a financial stake in the transaction and the Participant's Project Cost must be greater than zero to receive a One-Stop Program rebate.

Participant Qualifications

One-Stop Program rebates apply only to qualified Xcel Energy customers with a valid commercial electric account in Xcel Energy's Minnesota service territory that meet One-Stop Program eligibility requirements. The Vendor or Participant must verify with a CEE consultant that an Xcel Energy account is eligible for One-Stop Program rebates before committing to, purchasing equipment for or implementing a project. To determine if a business qualifies for the One-Stop Program please contact CEE at (612) 244-2427.

Eligibility Requirements

1. Rebate items must be installed at the Xcel Energy electric account listed on the application.
2. All equipment must be new. Used or rebuilt equipment is not eligible for a rebate.
3. All removed lighting equipment (lamps, ballasts and fixtures) must be properly recycled, and cannot be sold or reused at another location. Documentation may be required to ensure compliance with proper disposal of equipment.
4. Energy-efficient equipment must result in an electric load reduction.
5. Xcel Energy and CEE recommend Illuminating Engineering Society (IES) light levels. Participant is responsible for approval of final light levels.
6. Rebates are offered for interior lighting, exterior canopy lighting, soffit fixtures, wall pack fixtures, parking garage and parking lot lighting. Rebates will not be issued for street lighting. Most screw-in compact fluorescent lamps (CFLs) are not eligible for rebates.
7. Lamps or other equipment that have already been rebated through any other Xcel Energy rebate programs are ineligible for a rebate under the One-Stop Program. This includes upstream programs that provide incentives to manufacturers, distributors and retailers to sell products at a discounted price.
8. CEE reserves the right to disallow a rebate if it determines, in its sole judgment, that the lighting technology is inappropriately applied or light levels are inadequate. Contact your CEE consultant to determine qualification of custom or specialty lighting projects.
9. Equipment must be purchased, properly installed and fully operating prior to submitting an application for a rebate.

Vendor Responsibilities

10. The "Vendor" is any person or company that is consulting on the project, selling the project to the participant, completing the work and/or supplying the materials. Vendor is an independent contractor and not an agent or representative of Xcel Energy or CEE, has no authority to bind Xcel Energy or CEE, and is solely responsible for sub-contractors the Vendor hires to do some or all of the work and/or supply materials.
11. The Vendor must clearly communicate to the Participant the purpose and requirements of the One-Stop Program, including eligibility requirements for lighting rebates. The Vendor must involve the CEE consultant in communications with the Participant, and must keep the CEE consultant fully informed regarding all details of the transaction.

12. Vendors are responsible for reviewing, signing and returning the Contractor Report to CEE before materials are ordered. By signing the Contractor Report, the Vendor represents and warrants that the transaction complies with these Rules and Requirements and that the project specifications in the Contractor Report are accurate, acceptable and will be installed as specified.
13. Any inaccuracies concerning project specifications must be reported immediately to a CEE consultant so they can be addressed, the rebate recalculated if necessary and a revised report issued to the Vendor and the Participant.
14. Vendor must contact a CEE consultant whenever there are changes to the project so that equipment eligibility can be confirmed and the rebate value can be re-calculated if necessary.
15. CEE will not be responsible for changes in the rebate value if the Vendor does not sign and return the Contractor Report, and report: inaccuracies in the Contractor Report; changes in the equipment to be installed; or changes in the project during construction.

Rebate Calculations

16. Rebate values are based on CEE's calculation of electric demand (KW) and energy (kWh) savings. Hours used for calculation of the kWh savings must be an accurate representation of the Participant's operating schedule.
17. Electric demand and energy savings are calculated using lighting efficiency baselines established by the Energy Independence and Security Act (EISA). EISA standards apply to most T12 and incandescent lighting technologies today, and will apply to other technologies as efficiency requirements continue to be phased in.
18. If an Xcel Energy lighting rebate was previously assigned to this account and the rebated lighting was subsequently converted to a less efficient lighting system, a One-Stop consultant must review the situation to determine the correct baseline energy use for calculating the rebate.
19. Rebates are based on the energy use of the equipment actually installed at the site and the Participant's Project Cost. Rebates will be recalculated if the final equipment and Participant's Project Cost is different than originally approved by CEE.
20. Rebates cannot exceed 60 percent of the Participant's Project Cost, unless otherwise specified by the One-Stop Program. The minimum rebate paid is \$5.00.
21. "Participant's Project Cost" means the Participant's financial obligation for the lighting retrofit based on the total project cost less any and all Deductions, regardless of when these Deductions are received.

ONE-STOP EFFICIENCY SHOP® PROGRAM RULES and REQUIREMENTS

22. "Deductions" means anything of value received by the Participant that reduces the Participant's actual out-of-pocket cost for the lighting retrofit including, but not limited to: labor or material donations; monetary donations; labor or material cost deductions; grants; awards, rebates; or any other assistance of monetary value provided, directly or indirectly, by the Vendor, its agents or representatives to reduce the Participant's actual financial obligation for the lighting project.

23. The following types of financial transactions are not allowed as methods of payment by the Participant for the lighting project: barter, in-kind donations and performance contracting.

24. All Deductions must be separately itemized on the final invoice submitted to CEE. The Participant's Project Cost must be greater than zero to receive a One-Stop Program rebate.

Invoice

25. The Vendor must submit an accurate, complete and transparent final invoice for the completed lighting retrofit. All parties involved in the project, including the Participant and CEE, must have a clear understanding of the scope of work and associated project costs, including any Deductions that have been applied.

26. Invoice(s) submitted must include: (1) itemized quantity, manufacturer's make and model numbers for each material item, (2) a lump sum amount for both material and labor, and (3) grand total project cost. In some cases, original equipment manufacturer (OEM) specification sheets may be requested for verification or clarification.

27. The Vendor must provide the Participant an invoice that reflects the same financial information that is submitted to CEE, including any Deductions that have been applied.

Verification

28. CEE reserves the right to inspect Participant's facility(ies) for installation of materials listed on this rebate application and will need access to survey the installed project. Participant must keep a sample of any and all types of equipment removed for a period of three (3) months after receiving a rebate from Xcel Energy. If the inspection determines that Participant did not comply with these Rules and Requirements, any rebate received by Participant must be promptly returned to Xcel Energy.

29. Vendor agrees to promptly provide CEE with such additional documentation and information as may be necessary to verify compliance with these Rules and Requirements, such as copies of cancelled checks or other relevant receipts/records as proof that the Participant paid the amount reflected on the invoice. Rebates for that project will not be paid until all requested documentation and information is provided and verified.

Rebate Application and Payment

30. One-Stop Program rules and rebate eligibility requirements are subject to change. It is the Participant's and Vendor's responsibility to verify with CEE that estimated rebates are still valid before committing to, purchasing equipment for or implementing a project. CEE will not pay a rebate for projects where the invoice is submitted more than 12 months after the start of the project.

31. Xcel Energy and CEE are not responsible for any lost, late, stolen, illegible, misdirected or postage-due mail. All completed rebate applications and other submissions in connection with the One-Stop Program become the property of Xcel Energy and CEE and will not be returned.

32. In cases of deferred payment, CEE reserves the right to process the rebate only when full payment is received by the Vendor from the Participant. All financed and alternate payment plans must be documented with detailed, legally obligating and signed contracts. CEE reserves the right to disallow any payment plan that its staff determines is not in compliance with the program design intent and rules.

33. Rebates will not be disbursed until the project is fully installed and verified.

34. The rebate check will be sent to the Participant (i.e., Xcel Energy account holder) listed on the rebate application, unless otherwise authorized by CEE. Xcel Energy will issue rebates in the form of checks, not utility bill credits.

35. Once completed paperwork is submitted and approved, rebate payments are usually made in 6 to 8 weeks.

Special Notices

36. Xcel Energy and CEE reserve the right to refuse payment or participation in the One-Stop Program if the Participant or Vendor violates program design intent, rules and procedures. Xcel Energy and CEE are not liable for rebates promised to Participants as a result of a Vendor misrepresenting the program.

37. The One-Stop Program is subject to 60 days notice of cancellation. The Participant and Vendor are responsible for checking with a CEE consultant to determine whether the program is still in effect and to verify program requirements.

38. CEE RESERVES THE RIGHT TO DISQUALIFY NON-COMPLIANT VENDORS FROM PARTICIPATION IN THE ONE-STOP PROGRAM.

Disclaimers

Xcel Energy and CEE:

39. Do not endorse any particular vendor, manufacturer, product or system design by offering these rebates;

40. Will not be responsible for any tax liability imposed on the Participant as a result of the payment of rebates;

41. EXPRESSLY DISCLAIM ALL WARRANTIES, EXPRESSED OR IMPLIED, AND ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE WITH RESPECT TO ANY PRODUCTS, EQUIPMENT, MATERIAL OR WORKMANSHIP PROVIDED, SUPPLIED OR INSTALLED IN CONNECTION WITH THE ONE-STOP PROGRAM. Warranties, if any, are between Participant and equipment manufacturer(s) and/or Vendors.

42. Are not responsible for the disposal of removed lighting equipment (lamps, ballasts and/or fixtures) replaced as a result of this program, when required for optimum lighting performance;

43. In no event shall be liable for any indirect, special, incidental, consequential or punitive damages arising out of or relating to administering the One-Stop Program;

44. Do not guarantee that a specific level of energy or cost savings will result from the implementation of energy conservation measures or the use of products funded under this program.

For more information, contact
CEE at (612) 244-2427.



CEE FACET, Program Rules # 130326



One-Stop Efficiency Shop
Building Energy Efficiency Program

Lighting System Analysis

Cost Saving Recommendations

Customer Report

July 7, 2016

Property Address:

Lacrescent City of/Ice Arena-vE3 Coalition

520 S 14th St
La Crescent, MN 55947

Prepared for:

Hogan, Pete

Lacrescent City of/Ice Arena
520 S 14th St
La Crescent, MN 55947
Ph: (507) 313-2191



Prepared by Lighting Specialist:

Mark Rader
Center for Energy and Environment
212 3rd Avenue North, Suite 560
Minneapolis, MN 55401

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Program Coordinator:

- Audits
- Financing
- Contractors
- Rebates

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One-Stop Efficiency Shop Summary of Recommended Lighting Upgrades

Lighting Upgrades	Estimated Costs	Estimated Annual Savings	Payback
Total Installed Cost	\$38,725.87		
Utility Rebate*	\$14,463.94		
Your Final Cost	\$24,261.93	\$8,507.78 ^(a)	2.9 years
⇒ Rebate equals 37% of installed cost. (Including special orders)			

**Job must be completed and invoices submitted within 90 days or by 10/14/2016, whichever comes first. One-Stop reserves the right to withdraw this rebate offer after expiration. You may request an extension, which includes re-verification of eligibility, kW/kWh savings, installation costs, estimated rebate, and program rules by One-Stop.*

CEE Financing Option

Estimated monthly savings	\$708.98 ^(a)	
Monthly loan payments at 3.9% for 36 month term	\$726.65 ^(b)	3.1 years

(b) Estimate based on a loan amount of \$24,461.93, including a \$200.00 loan processing fee. The loan term has a maximum of 5 years, with monthly payments not less than the estimated monthly savings. Final terms and conditions set by lender upon loan approval. (Including Loan Financing Charges)

Utility Cost Analysis	Demand (KW)	Energy (KWh)	Annual Cost	CO2 (lbs)*
Existing Lights	41.904	116,451	\$13,333.78	197,967
New Lights	14.995	41,506	\$4,826.00	70,560
Estimated Savings	26.909 ^(a)	74,945	\$8,507.78 ^(a) ◀	127,407*

* How do CO2 emissions affect me and my business? ¶ Rising concentrations of greenhouse gasses (GHG) produce an increase in the average surface temperature of the Earth over time. Rising temperatures produce changes in precipitation patterns, storm severity, and sea level commonly referred to as "climate change." ¶ Carbon dioxide (CO2), methane, nitrous oxide and four groups of fluorinated gases (sulfur hexafluoride, HFCs, PFCs and CFCs) are the major GHG. In the U.S., GHG emissions come primarily from the combustion of fossil fuels in energy use. CO2 emissions from coal-fired electricity generation comprise nearly 80 percent of the total CO2 emissions produced by the generation of electricity in the U.S. ¶ Installing energy-efficient lighting and implementing other conservation measures that reduce electric energy use significantly reduces GHG emissions and mitigates global climate change. Read more at: www.eia.doe.gov or www.epa.gov

(a) Savings estimates are based on standard engineering calculations and are NOT guaranteed. Your actual savings may be higher or lower depending on various factors, including how you operate your lights and other electric equipment in your building. Electric Utility Rates = \$0.0634/KWh and \$13.11/KW, where Demand cost savings occurs primarily during the summer months peak rate hours of 9am to 9pm. (11 [03,03] [0] [00,00] [00] [True] [23.869KW])

Lacrescent City of/Ice Arena-vE3 Coalition	
Program ID#	Xcel Acct#
31036	302203988
520 S 14th St La Crescent, MN 55947	



One-Stop Efficiency Shop Recommended Lighting Projects

Recommended Lighting System Upgrades	Schedule Name & Hours/year of Operation	Installed Cost (Without Rebate)	Estimated Annual Savings	Selected
Area A: Ice Rink High Bays				
Project: #1	2800 Hours 2,800 hrs/yr	\$23,020.61 Incl Special Order	\$5,875.63	<input checked="" type="checkbox"/>
Qty Watts EXISTING Luminaire	Qty Watts NEW Luminaire			
55 454 MH 400W STD1 1L	55 135 LED High Bay Fixture 135W			
Area B: Locker rooms/Hallway/Bathrooms				
Project: #2	2800 Hours 2,800 hrs/yr	\$2,952.33 Incl Special Order	\$569.32	<input checked="" type="checkbox"/>
Qty Watts EXISTING Luminaire	Qty Watts NEW Luminaire			
34 110 T8 4' 32 E4-4L-Exist	34 60 LED LinearT8 4' 15W 4L w/external driver			
Area C: Lobby/Concessions/Bathrooms				
Project: #3	2800 Hours 2,800 hrs/yr	\$2,865.50 Incl Special Order	\$552.57	<input checked="" type="checkbox"/>
Qty Watts EXISTING Luminaire	Qty Watts NEW Luminaire			
33 110 T8 4' 32 E4-4L-Exist	33 60 LED LinearT8 4' 15W 4L w/external driver			
Area D: Locker rooms/Hallway/Bathrooms				
Project: #4	2800 Hours 2,800 hrs/yr	\$156.94 Incl Special Order	\$25.45	<input checked="" type="checkbox"/>
Qty Watts EXISTING Luminaire	Qty Watts NEW Luminaire			
2 58 T8 4' 32 E2-2L-Exist *Utube	2 20 LED LinearT8 10W 2L w/external driver			
Area E: Storage Rooms/Skate room/office				
Project: #5	2800 Hours 2,800 hrs/yr	\$1,997.16 Incl Special Order	\$385.12	<input checked="" type="checkbox"/>
Qty Watts EXISTING Luminaire	Qty Watts NEW Luminaire			
23 110 T8 4' 32 E4-4L-Exist	23 60 LED LinearT8 4' 15W 4L w/external driver			
Area F: Bike Shop				
Project: #6	2000 Hours 2,000 hrs/yr	\$868.33 Incl Special Order	\$142.09	<input checked="" type="checkbox"/>
Qty Watts EXISTING Luminaire	Qty Watts NEW Luminaire			
10 110 T8 4' 32 E4-4L-Exist	10 60 LED LinearT8 4' 15W 4L w/external driver			
Area G: Olympia/Compressor Rooms				
Project: #7	2800 Hours 2,800 hrs/yr	\$1,115.43 Incl Special Order	\$417.94	<input checked="" type="checkbox"/>
Qty Watts EXISTING Luminaire	Qty Watts NEW Luminaire			
8 216 T12 HO 8' ES 95S2 2L (EISA= T8 HO 8' 86E2 2L)	8 60 LED 030W LinearT8 2L			
Area H: Exterior Parking Lot Lights				



One-Stop Efficiency Shop Recommended Lighting Projects

Recommended Lighting System Upgrades	Schedule Name & Hours/year of Operation	Installed Cost (Without Rebate)	Estimated Annual Savings	Selected
Project: #8	2800 Hours 2,800 hrs/yr (Night-Only)	\$3,193.73 Incl Special Order	\$312.44	<input checked="" type="checkbox"/>
Qty Watts EXISTING Luminaire	Qty Watts NEW Luminaire			
8 295 MH 250W STD1 1L	8 75 LED 75W Parking Lot Fixture			
Area I: Exterior Wallpacks				
Project: #9	2800 Hours 2,800 hrs/yr (Night-Only)	\$2,555.84 Incl Special Order	\$227.23	<input checked="" type="checkbox"/>
Qty Watts EXISTING Luminaire	Qty Watts NEW Luminaire			
10 173 MH 150W STD1 1L	10 45 LED 745W New Wall Pack Fixture			
Totals <i>(Including special orders)</i>		\$38,725.87	\$8,507.78	



One-Stop Efficiency Shop Customer Participation Agreement

I, the undersigned, agree that to the best of my knowledge the lighting schedule below accurately describes how the lights are operated at the facility listed in this document. I understand that the energy or cost savings reflected in this analysis are estimates, and that Center for Energy and Environment (CEE) and Xcel Energy do not guarantee that a specific level of energy or cost savings will result from the implementation of energy conservation measures or the use of products funded under this program. I also give CEE permission to submit, on my behalf, all Xcel Energy rebate and financing forms required for the One-Stop Efficiency Shop program.

I understand that all electrical code violations that are found during the lighting system inspection or during installation must be brought up to code at the customer's expense. Costs for correcting code violations are NOT included in the installation costs quoted in this document.

I understand that my lighting contractor must contact the auditor in order to participate in the One-Stop Program, and that I WILL NOT BE ELIGIBLE FOR THE REBATE UNLESS MY CONTRACTOR CONTACTS THE AUDITOR. (One-Stop Auditor: Mark Rader, Cell Ph. (612) 518-3245)

By signing below I certify that I have read, understand and will comply with the attached "One-Stop Efficiency Shop RULES and REQUIREMENTS", and that I can not apply for other rebates offered by Xcel Energy or any other energy-efficiency program towards lamps or lighting work covered by this agreement.

Select One
<input type="checkbox"/> Financed
<input type="checkbox"/> Cash

Signature Hogan, Pete Date _____
 Customer Cost: \$24,261.93 (Including special orders)

Lighting Schedules

Your lighting savings are based on the following average hours of operation							
Lighting Schedule Name	Mon	Tues	Wed	Thur	Fri	Sat	Sun
2000 Hours 2,000 hrs/yr	5.5 hrs	5.5 hrs	5.5 hrs	5.5 hrs	5.5 hrs	5.5 hrs	5.5 hrs
2800 Hours 2,800 hrs/yr	7.7 hrs	7.7 hrs	7.7 hrs	7.7 hrs	7.7 hrs	7.7 hrs	7.7 hrs

Lacrescent City of/Ice Arena-vE3 Coalition		
Program ID#	Xcel Acct#	520 S 14th St
31036	302203988	La Crescent, MN 55947

ONE-STOP EFFICIENCY SHOP® PROGRAM RULES and REQUIREMENTS

The One-Stop Efficiency Shop® lighting efficiency program (“One-Stop Program”), administered by Center for Energy and Environment (“CEE”) and funded through Xcel Energy, offers cash rebates to eligible small business customers (“Participant”) who purchase and install qualifying energy-efficient lighting products in existing buildings.

The intent of the One-Stop Program, operating as a Minnesota Conservation Improvement Program (CIP), is to incentivize Xcel Energy’s customers to install energy efficient equipment earlier than they would have otherwise by defraying a portion of the cost of the retrofit. To ensure that the program operates as intended, the Participant must have a financial stake in the transaction and the Participant’s Project Cost must be greater than zero to receive a One-Stop Program rebate.

Participant Qualifications

One-Stop Program rebates apply only to qualified Xcel Energy customers with a valid commercial electric account in Xcel Energy’s Minnesota service territory that meet One-Stop Program eligibility requirements. The Vendor or Participant must verify with a CEE consultant that an Xcel Energy account is eligible for One-Stop Program rebates before committing to, purchasing equipment for or implementing a project. To determine if a business qualifies for the One-Stop Program please contact CEE at (612) 244-2427.

Eligibility Requirements

1. Rebate items must be installed at the Xcel Energy electric account listed on the application.
2. All equipment must be new. Used or rebuilt equipment is not eligible for a rebate.
3. All removed lighting equipment (lamps, ballasts and fixtures) must be properly recycled, and cannot be sold or reused at another location. Documentation may be required to ensure compliance with proper disposal of equipment.
4. Energy-efficient equipment must result in an electric load reduction.
5. Xcel Energy and CEE recommend Illuminating Engineering Society (IES) light levels. Participant is responsible for approval of final light levels.
6. Rebates are offered for interior lighting, exterior canopy lighting, soffit fixtures, wall pack fixtures, parking garage and parking lot lighting. Rebates will not be issued for street lighting. Most screw-in compact fluorescent lamps (CFLs) are not eligible for rebates.
7. Lamps or other equipment that have already been rebated through any other Xcel Energy rebate programs are ineligible for a rebate under the One-Stop Program. This includes upstream programs that provide incentives to manufacturers, distributors and retailers to sell products at a discounted price.
8. CEE reserves the right to disallow a rebate if it determines, in its sole judgment, that the lighting technology is inappropriately applied or light levels are inadequate. Contact your CEE consultant to determine qualification of custom or specialty lighting projects.
9. Equipment must be purchased, properly installed and fully operating prior to submitting an application for a rebate.

Vendor Responsibilities

10. The “Vendor” is any person or company that is consulting on the project, selling the project to the participant, completing the work and/or supplying the materials. Vendor is an independent contractor and not an agent or representative of Xcel Energy or CEE, has no authority to bind Xcel Energy or CEE, and is solely responsible for sub-contractors the Vendor hires to do some or all of the work and/or supply materials.
11. The Vendor must clearly communicate to the Participant the purpose and requirements of the One-Stop Program, including eligibility requirements for lighting rebates. The Vendor must involve the CEE consultant in communications with the Participant, and must keep the CEE consultant fully informed regarding all details of the transaction.

12. Vendors are responsible for reviewing, signing and returning the Contractor Report to CEE before materials are ordered. By signing the Contractor Report, the Vendor represents and warrants that the transaction complies with these Rules and Requirements and that the project specifications in the Contractor Report are accurate, acceptable and will be installed as specified.
13. Any inaccuracies concerning project specifications must be reported immediately to a CEE consultant so they can be addressed, the rebate recalculated if necessary and a revised report issued to the Vendor and the Participant.
14. Vendor must contact a CEE consultant whenever there are changes to the project so that equipment eligibility can be confirmed and the rebate value can be re-calculated if necessary.
15. CEE will not be responsible for changes in the rebate value if the Vendor does not sign and return the Contractor Report, and report: inaccuracies in the Contractor Report; changes in the equipment to be installed; or changes in the project during construction.

Rebate Calculations

16. Rebate values are based on CEE’s calculation of electric demand (KW) and energy (kWh) savings. Hours used for calculation of the kWh savings must be an accurate representation of the Participant’s operating schedule.
17. Electric demand and energy savings are calculated using lighting efficiency baselines established by the Energy Independence and Security Act (EISA). EISA standards apply to most T12 and incandescent lighting technologies today, and will apply to other technologies as efficiency requirements continue to be phased in.
18. If an Xcel Energy lighting rebate was previously assigned to this account and the rebated lighting was subsequently converted to a less efficient lighting system, a One-Stop consultant must review the situation to determine the correct baseline energy use for calculating the rebate.
19. Rebates are based on the energy use of the equipment actually installed at the site and the Participant’s Project Cost. Rebates will be recalculated if the final equipment and Participant’s Project Cost is different than originally approved by CEE.
20. Rebates cannot exceed 60 percent of the Participant’s Project Cost, unless otherwise specified by the One-Stop Program. The minimum rebate paid is \$5.00.
21. “Participant’s Project Cost” means the Participant’s financial obligation for the lighting retrofit based on the total project cost less any and all Deductions, regardless of when these Deductions are received.

ONE-STOP EFFICIENCY SHOP® PROGRAM RULES and REQUIREMENTS

22. "Deductions" means anything of value received by the Participant that reduces the Participant's actual out-of-pocket cost for the lighting retrofit including, but not limited to: labor or material donations; monetary donations; labor or material cost deductions; grants; awards, rebates; or any other assistance of monetary value provided, directly or indirectly, by the Vendor, its agents or representatives to reduce the Participant's actual financial obligation for the lighting project.

23. The following types of financial transactions are not allowed as methods of payment by the Participant for the lighting project: barter, in-kind donations and performance contracting.

24. All Deductions must be separately itemized on the final invoice submitted to CEE. The Participant's Project Cost must be greater than zero to receive a One-Stop Program rebate.

Invoice

25. The Vendor must submit an accurate, complete and transparent final invoice for the completed lighting retrofit. All parties involved in the project, including the Participant and CEE, must have a clear understanding of the scope of work and associated project costs, including any Deductions that have been applied.

26. Invoice(s) submitted must include: (1) itemized quantity, manufacturer's make and model numbers for each material item, (2) a lump sum amount for both material and labor, and (3) grand total project cost. In some cases, original equipment manufacturer (OEM) specification sheets may be requested for verification or clarification.

27. The Vendor must provide the Participant an invoice that reflects the same financial information that is submitted to CEE, including any Deductions that have been applied.

Verification

28. CEE reserves the right to inspect Participant's facility(ies) for installation of materials listed on this rebate application and will need access to survey the installed project. Participant must keep a sample of any and all types of equipment removed for a period of three (3) months after receiving a rebate from Xcel Energy. If the inspection determines that Participant did not comply with these Rules and Requirements, any rebate received by Participant must be promptly returned to Xcel Energy.

29. Vendor agrees to promptly provide CEE with such additional documentation and information as may be necessary to verify compliance with these Rules and Requirements, such as copies of cancelled checks or other relevant receipts/records as proof that the Participant paid the amount reflected on the invoice. Rebates for that project will not be paid until all requested documentation and information is provided and verified.

Rebate Application and Payment

30. One-Stop Program rules and rebate eligibility requirements are subject to change. It is the Participant's and Vendor's responsibility to verify with CEE that estimated rebates are still valid before committing to, purchasing equipment for or implementing a project. CEE will not pay a rebate for projects where the invoice is submitted more than 12 months after the start of the project.

31. Xcel Energy and CEE are not responsible for any lost, late, stolen, illegible, misdirected or postage-due mail. All completed rebate applications and other submissions in connection with the One-Stop Program become the property of Xcel Energy and CEE and will not be returned.

32. In cases of deferred payment, CEE reserves the right to process the rebate only when full payment is received by the Vendor from the Participant. All financed and alternate payment plans must be documented with detailed, legally obligating and signed contracts. CEE reserves the right to disallow any payment plan that its staff determines is not in compliance with the program design intent and rules.

33. Rebates will not be disbursed until the project is fully installed and verified.

34. The rebate check will be sent to the Participant (i.e., Xcel Energy account holder) listed on the rebate application, unless otherwise authorized by CEE. Xcel Energy will issue rebates in the form of checks, not utility bill credits.

35. Once completed paperwork is submitted and approved, rebate payments are usually made in 6 to 8 weeks.

Special Notices

36. Xcel Energy and CEE reserve the right to refuse payment or participation in the One-Stop Program if the Participant or Vendor violates program design intent, rules and procedures. Xcel Energy and CEE are not liable for rebates promised to Participants as a result of a Vendor misrepresenting the program.

37. The One-Stop Program is subject to 60 days notice of cancellation. The Participant and Vendor are responsible for checking with a CEE consultant to determine whether the program is still in effect and to verify program requirements.

38. CEE RESERVES THE RIGHT TO DISQUALIFY NON-COMPLIANT VENDORS FROM PARTICIPATION IN THE ONE-STOP PROGRAM.

Disclaimers

Xcel Energy and CEE:

39. Do not endorse any particular vendor, manufacturer, product or system design by offering these rebates;

40. Will not be responsible for any tax liability imposed on the Participant as a result of the payment of rebates;

41. EXPRESSLY DISCLAIM ALL WARRANTIES, EXPRESSED OR IMPLIED, AND ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE WITH RESPECT TO ANY PRODUCTS, EQUIPMENT, MATERIAL OR WORKMANSHIP PROVIDED, SUPPLIED OR INSTALLED IN CONNECTION WITH THE ONE-STOP PROGRAM. Warranties, if any, are between Participant and equipment manufacturer(s) and/or Vendors.

42. Are not responsible for the disposal of removed lighting equipment (lamps, ballasts and/or fixtures) replaced as a result of this program, when required for optimum lighting performance;

43. In no event shall be liable for any indirect, special, incidental, consequential or punitive damages arising out of or relating to administering the One-Stop Program;

44. Do not guarantee that a specific level of energy or cost savings will result from the implementation of energy conservation measures or the use of products funded under this program.

For more information, contact
CEE at (612) 244-2427.



CEE FACET, Program Rules # 130326