2016 Guide to Wisconsin Community Solar

Welcome to **Solar*Connect Community**℠

Xcel Energy has been the national leader in renewable wind energy for more than 11 years, and that's just the beginning. By 2030 we aim to be 63 percent carbon-free in the Upper Midwest service area. You can join Xcel Energy and your community on this sustainability journey when you subscribe to our newest renewable **Solar*Connect Community**℠ Program. Our solar community gives our electricity customers the opportunity to participate in the largest solar garden program in Wisconsin.

Our partner-developer plans to break ground on two new solar gardens in 2016. Solar gardens make solar energy a possibility for everyone—home owners, renters and businesses.

This guide represents the most important information you'll need to help you get started.

Table of Contents

Solar*Connect Community 3
Make Solar*Connect Community Your Choice 4
Benefits of Solar*Connect Community 4
How Can I Participate? 5
Enrollment 6
Make a Payment 7
Receive Monthly Credits 7
Bill Credits 8
Pricing and Financing 8
Resources 9

The cost of Solar*Connect Community gardens is paid by customer subscriptions. The subscriptions fund the gardens, and subscribers receive payment for the solar energy produced through bill credits. Subscribers also retain the renewable energy benefits to offset their energy use with clean solar energy.

It's easy

- Simple enrollment
- Earn a credit on your Xcel Energy bills

It's flexible

- Power some, or all, of your electric energy needs with solar energy
- Secure your solar costs when you sign up

It's local

- Purchase energy from locally sourced community solar arrays in Wisconsin
- Be a part of Wisconsin's largest community solar program

Make Solar*Connect Community Your Choice

Solar*Connect Community is a community solar garden—the largest program planned in Wisconsin to date. Community solar arrays are centralized solar facilities that provide the opportunity to support solar for any homeowner, renter or business. These arrays generate solar energy that is shared on the Xcel Energy power grid.

Customers who don't want to purchase, install and maintain their own solar panels can participate in a local garden option. The garden developer is responsible for all equipment and production aspects of the garden. Your contract is with Xcel Energy, and the bill credits are associated with the solar energy produced by your subscription's share of the garden, and are reflected on your electric bill. It's an easy, uncomplicated way to participate in a renewable solar energy program.

Benefits of Solar*Connect Community

Solar ownership without the responsibilities of a home system.	You don't have to purchase, install, maintain or replace any part of the solar panel system.
Greater budget flexibility	You decide how much your subscription will be, based on your personal budget and desire to offset your energy use with green energy.
Opens up market opportunity	You can subscribe regardless of your rooftop or your site limitations.
Provides bill credits for the life of the subscription	Credits based on solar production and subscription size.
Carbon-free renewable energy	Any customer can support renewables.
Moveable ownership	You can move your subscription to a new home or business in Wisconsin, as long as you remain an Xcel Energy electricity customer in Wisconsin.

How can I particpate?

Sign up for a subscription. Only program participants pay for the costs of Solar*Connect Community.

1. **Size your subscription:** Choose the amount of solar energy you would like to subscribe to for your home or business—up to 100 percent of your annual electric use.
2. **Enroll:** Sign up directly with Xcel Energy to purchase the output of a portion of a solar array located within Xcel Energy's service area in Western and Northern Wisconsin.
3. **Make a deposit or a one-time payment:** Provide an up-front payment for your entire subscription price.
4. **Receive a monthly credit:** Your total electric bill credits equal your subscription amount.

1. Size your subscription based on your average annual usage

- Our subscription calculator found on the Solar*Connect Community page on xcelenergy.com can help you determine your subscription size and cost.
  - Minimum of 200 watts
  - Maximum of 400 kilowatts
- Subscription can be sized up to 100 percent of your annual usage.
- Subscribers are limited to 40 percent of the solar garden's capacity.
  - Maximum subscription size is 400 kW (DC)

How are subscriptions sized?

- 200 W (DC) blocks
- 200 W of solar produces an estimated 257 kWh of solar energy per year, but amounts vary with weather over time.
- Kilowatt (kW) or watt (W) is used to describe the amount of instantaneous power the solar panels can produce. Kilowatt-hour (kWh) is used to describe the total amount of electricity the panels produce over time.
- An average single-family home uses 9,000 kWh per year. Business usage varies significantly by size and type.

If you need help calculating your annual usage visit xcelenergy.com/myaccount and look under **"My Energy"** or call **1-800-824-1688**.

2. Enrollment

Complete an enrollment application and contract.

Visit Xcelenergy.com/SolarConnectCommunity for a complete copy of application and contract.

BUSINESS APPLICATION
WISCONSIN

Application ID:_____

Xcel Energy Solar*Connect Community℠ Solar Garden Contract

Contract Cover Document

Note: The completed Contract Cover Document is CONFIDENTIAL

This Xcel Energy Solar*Connect Community Solar Garden Contract is made and entered into by and between Northern States Power Company, a Wisconsin corporation, having a mailing address of 1414 West Hamilton Ave, P.O. Box 8, Eau Claire, WI 54702-0008 ("Company" or "Xcel Energy"), and the Subscriber for participation in the Xcel Energy Solar Garden as identified below. The term Party or Parties refers to either the Company or the Subscriber, or both, as applicable in context. The Contract consists of this Contract Cover Document, Attachment "A" and the Company's tariffs approved by the Public Service Commission of Wisconsin ("Commission"), as may be amended from time to time. For convenience, Attachment "B" sets forth the Company's tariffs specifically applicable to the Xcel Energy Solar*Connect Community Solar Garden that were in effect at the time this Contract was executed.

Subscriber Name: _____ Subscriber Email Address: _____

Subscriber's Xcel Energy Service Address: _____

City: _____ State: _____ ZIP: _____

Subscriber's Xcel Energy Account Number for above Service Address: _____

Subscriber's Xcel Energy Premise Number for the above Account: _____

Subscription Size in kW (DC) (200 Watt increments; 1 kW = 1000 Watts) _____

Subscriber Enrollment Deposit: _____
($200/kW x Subscription Size)

Enrollment Fee (total including deposit): _____
($1780/kW x Subscription Size)

To be completed by Utility.

Xcel Energy Solar Garden Enrolled Location: _____

Date of Xcel Energy signature to this Contract: Month: _____ Day: _____ Year: _____

Company Contact Information

Mailing Address: Xcel Energy • Attn: Solar*Connect Community Wisconsin • P.O. Box 59, Minneapolis • MN 55440-0059

Email Address: SolarConnectComm@xcelenergy.com

For instructions for sending payments by wire please send an email to SolarConnectComm@xcelenergy.com.

Signatures

Subscriber

Signature: _____ Name: _____

Title: _____ Date: _____

Xcel Energy Services, Inc., a Delaware corporation as agent for Northern States Power Company, a Wisconsin corporation

Signature: _____ Name: _____

Title: _____ Date: _____

xcelenergy.com | © 2016 Xcel Energy Inc. | Xcel Energy is a registered trademark of Xcel Energy Inc. Northern States Power Company-Minnesota and Northern States Power Company-Wisconsin, Xcel Energy Companies. | 15-12-636

3. Make a Payment

To save your spot when you enroll, you must send a check with your enrollment application and contract to: Xcel Energy, Attn: Solar*Connect Community Wisconsin, P.O. Box 59, Minneapolis, MN 55409-0059.

- A minimum deposit of $200 per kilowatt reserves your subscription capacity.
- Full payment can be made with your enrollment.
- You may also sign your application and provide a check or credit card payment at a Solar Power Hour℠ in your community.

Contracts will not be countersigned until the garden construction begins, so the deposit serves only to reserve your subscription.

For instructions to send payments by wire, please send an email to SolarConnectComm@xcelenergy.com.

4. Receive Monthly Credits

- Monthly credits begin after the garden is in production.
- The monthly credit may vary because it is based on your share of the production, month to month. The production of solar energy will be highest during the sunniest months.

NEXT READ DATE: 12/23/15

ELECTRICITY SERVICE DETAILS

PREMISES NUMBER:
INVOICE NUMBER:

METER READING INFORMATION			
METER		Read Dates: 10/20/15 - 11/18/15 (29 Days)	
DESCRIPTION	CURRENT READING	PREVIOUS READING	USAGE
Total Energy	68340 Actual	67805 Actual	535 kWh

528 Heating Degree Days

ELECTRICITY CHARGES **RATE: Sm Gen Svc (Metered)**

DESCRIPTION	USAGE UNITS	RATE	CHARGE
Customer Charge			$8.00
Energy Charge Winter	535 kWh	$0.117500	$62.86
Subtotal			**$70.86**
WI Low Income Assist		3.00%	$2.13
County Tax		0.50%	$0.35
State Tax		5.00%	$3.54
Total			**$76.88**

OTHER RECURRING CHARGES DETAILS

DESCRIPTION		CHARGE
Solar*Connect Community Solar Production Credit		
Solar Production Period	November, 2015	
SCC005 Production Credit	000 kWh x 0.00000	-$00.00 **CR**
Total		**-$00.00 CR**

Bill Credits

- Residential/Small Commercial: $0.074/kWh of solar production.
- Demand Rate: $0.069/kWh of solar production.
- A bill credit will appear on your electric bill every month power is generated.
- Credits are subtracted from your total electric bill due each month.

The formula for your bill credit is:

kWh produced by your subscription's portion of the solar energy produced X Bill Credit Rate = Bill Credit

If your bill credit exceeds the amount due, the credit will roll forward.

Pricing and Financing

Pricing: Deposits

- A mininum deposit of $200 per kilowatt reserves your subscription capacity.
- Your deposit is contributed to the balance of subscription costs when the solar garden is built.

Subscription cost is $1,780/kW

- Minimum cost of entry is $356 for a 200 watt subscription.
- That's less than a dollar a day for a year!

Subscription Payments

- Subscriptions must be paid in full before the garden is in full production.
- Make a final payment while the garden is under construction.

Financing Available

- While some customers have cash on hand, others may prefer to seek financing for their subscriptions. Xcel Energy doesn't offer financing directly; however, we have worked with two Wisconsin financial institutions who are familiar with the Solar*Connect Community program and can arrange financing that works for you, or you can work with the lending institution of your choice.
  - BMO Harris Bank (1-763-691-4991)
  - Royal Credit Union* (1-800-341-9911 ext.8830)

  *Financing available only in current service territory

Resources

Solar Power Hour℠

Learn more at a Solar Power Hour hosted by Midwest Renewable Energy Association, a partner with Xcel Energy. Ten Power Hours will be held during March and April at 7:00 p.m. at all locations.

Mar 2 - Eau Claire: Lazy Monk Brewing, 97 W Madison St

Mar 3 - Menomonie: Menomonie Food Co-op, 814 Main St E

Mar 14 - La Crosse: Western Technical College Lunda Center, Conference Hall West, 319 7th St N

Mar 16 - Hudson: Phipps Center for the Arts, River Room, 109 Locust St

Mar 23 - Ashland: Northland College, Alvord Theatre, 1411 Ellis Ave

Mar 30 - Chippewa Falls: Avalon Hotel and Conference Center, 1009 W Park Ave

Mar 31 - Eau Claire: Chippewa Valley Tech College, 4000 Campus Rd

Apr 5 - Sparta: Sparta Barney Community Center, 1000 E Montgomery St

Apr 13 - Abbotsford: Abbotsford Public Library, 203 N 1st St

Apr 21 - La Crosse: Peoples Food Co-op, 315 5th Ave S

Watch for Solar Power Hour updates on our web page.

Xcel Energy contacts:

Can't wait? Call our energy experts for more information.

Residential Energy Experts (1-800-824-1688)

Business Solutions Center (1-800-481-4700)

Mailing Address:

Xcel Energy
Attn: Solar*Connect Community Wisconsin
P.O. Box 59
Minneapolis MN 55401-0059

Email Address: SolarConnectComm@xcelenergy.com

For instructions for sending payments by wire, please send an email to SolarConnectComm@xcelenergy.com.

Sign up: xcelenergy.com/SolarConnectCommunity

Be part of solar energy's bright future in Wisconsin. Sign up to save your spot today.

Xcel Energy® | RESPONSIBLE BY NATURE®

xcelenergy.com | © 2016 Xcel Energy Inc. | Xcel Energy is a registered trademark of Xcel Energy Inc.
Northern States Power Company-Wisconsin, an Xcel Energy Company. | 16-01-322