



MINNESOTA DER OFFICE HOUR:

Energy Storage Incentive Program Process and Details

August 7, 2024



AGENDA

- Introductions
- Program Overview
- Application Process
- Q&A



INTRODUCTIONS

- **Silas Cleveland – Associate Product Portfolio Manager**
- **Callie Walsh – DER Interconnection Operations Supervisor**





PROGRAM OVERVIEW

STORAGE INCENTIVE PROGRAM

- **Program Purpose:** Help reduce the cost to purchase and install an on-site energy storage system
- **Eligible Energy Storage Systems (ESS):**
 - Must be located in Xcel Energy territory
 - Must have a capacity of **50 kWh or less**
 - Must be charged by a solar system
 - Must be new and in the process of being purchased and installed



STORAGE INCENTIVE PROGRAM

- Incentive Structure:
 - One-time incentive payment to offset the cost of the storage equipment
 - **Non-Income-Qualified Customer - \$175 / kWh**
 - **Income-Qualified Customer - \$370 / kWh**
- Maximum incentive capped at \$5,000
- Storage incentive payments to be paid within 30 business days of applicants receiving Permission to Operate (PTO).
- Available Incentive Budget: ~\$3.5 Million
 - 10% of program budget will be specifically reserved for Income-Qualified customers until September 1, 2026.



A photograph of solar panels installed in a field of tall grass under a blue sky with scattered clouds. The image is partially obscured by a large white diagonal shape that serves as a background for the title.

APPLICATION PROCESS

DER Application Portal

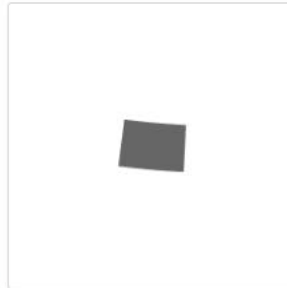
Start a new Interconnection Application

*Select State

*Required



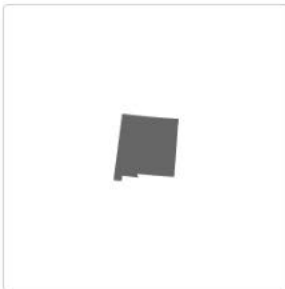
Minnesota



Colorado



Wisconsin



New Mexico

Open Applications

Case Number	Program Type	Product	Customer Full Name
05695840			TEST2
05695934			John Smith
05695940			John Smith
05696074			John Smith
05696618			test
05696921			TEST
05696925			TEST
05697506			test
05697655			J DUB RENTAL HOUSING
05701373			TEST OTHER FULL NAME
05701400			TEST1
05701416			John Smith
05701454			TEST
05701525			J DUB RENTAL HOUSING
05704241			UAT2

[View All](#)

DER Application Portal

Start a new Interconnection Application

Selected State: **Minnesota**

Selected Application Type: **Application**

*Select Program Type



Solar*Rewards



Solar*Rewards Community



Distributed Generation



Empower Resiliency



Renewable Battery Connect

Open Applications

Case Number	Program Type	Product	Customer Full Name
05695840			TEST2
05695934			John Smith
05695940			John Smith
05696074			John Smith
05696618			test
05696921			TEST
05696925			TEST
05697506			test
05697655			J DUB RENTAL HOUSING
05701373			TEST OTHER FULL NAME
05701400			TEST1
05701416			John Smith
05701454			TEST
05701525			J DUB RENTAL HOUSING
05704241			UAT2
View All			

Select
“Solar*Rewards”
or “Distributed
Generation”

Any product type
will do.

Application Details Action

- When you select an Energy Storage System is included, an additional field will generate about the storage incentive.

* Energy Storage System Included?

Yes	No
-----	----

* Are you interested in receiving a storage incentive to help cover costs of your energy storage system? ⓘ

Yes	No
-----	----

- This is an opt-in program, and application agent will need to select “Yes” in order to participate and initiate appropriate documents for signature.

Application Details Action

Designate Income-Qualified Status

*Energy Storage System Included?

*Are you interested in receiving a storage incentive to help cover costs of your energy storage system? ⓘ

*Income Qualified?

*Income-Qualified Project Type

- This step will only populate if you selected a “Distributed Generation” program/product type.
- Please enter the IQ project type (i.e. Single Family, Multi-Unit, Non-Profit, etc.)

Exhibit B Action

- All fields are required, especially the “Battery Rated Capacity (kWh)” which will calculate the incentive.

New Storage Equipment

Storage Manufacturer

Storage Model

Inverter Real Power, Max Continuous (kW)

Inverter Apparent Power, Max Cont. (kVA)

Inverter Power Factor Range

Real Power, peak AC Energy (kW)

Battery Rated Capacity (kWh)

Storage operating modes

Enabled operating modes

Storage UL1741 Compliance

--None--

Number of Units

Save

Storage Incentive Application and Acknowledgment

- Customer will be prompted to sign Storage Equipment Incentive Application
- This will be sent to the customer via email during the “Esignatures and Payments” stage.

On-Site Storage Equipment Incentive Application

Customer Information:

Yes I am applying for the Income-Qualified incentive. (Note: the program will need to verify your eligibility documents before funding is granted).

Xcel Energy Account Number: 9999972

Xcel Energy Premise Number: 999999972

Customer Name (listed on the utility bill):

Installation address: 414 Nicollet Mall City: Minneapolis ZIP: 55401

Contact Name (if different from Customer): MN C&I

Customer Email: test@test.com Contact Phone:(999) 999-9999

Energy Storage Information:

Storage Model	Storage Manufacturer	Number of Units	Inverter Real Power, Max Continuous (kW)	Battery Rated Capacity (kWh)	Real Power, peak AC Energy (kW)
Storage	Battery	1	5.000	13.500	5.000

Signature Agreement:

Customer Signature [[SertifiSignature_1_1]]

Date: [[SertifiDate_1_1]]

This signature is required from an individual listed on the Xcel Energy Account as the Interconnection Customer. By signing here, I acknowledge the information in this application is accurate and complete. I confirm I have read, agree with, and understand the terms and conditions of this application.

*By providing your email address, you are granting Xcel Energy permission to send further emails regarding our programs and services.

Terms and Conditions:

The Storage Equipment Incentive Program is subject to the terms and conditions contained in this application. Incentive amounts and program terms are subject to change at any time. Funding for the Incentive Program is limited and available to qualifying Xcel Energy customers on a first-come, first-served basis and is effective until funding is expended or the Incentive Program is closed on June 30, 2027.



ESS Declaration

- In addition to the One Line Diagram and Site Plan, a **signed Declaration of Energy Storage Operation** is required for the applicable configuration.
- Declaration templates (by configuration type) can be found within Xcel Energy's [MN Technical Specifications Manual.pdf \(xcelenergy.com\)](https://www.xcelenergy.com/mn-technical-specifications-manual.pdf)
- Can be uploaded within the "Specifications Sheets" Action.
- Absent/Incomplete Declarations will result in application rejections during the Completeness Review process, and potential delays in receiving an compiled Interconnection Agreement (MNDIA).

ESS Equipment Details

ESS Battery (B) Rating & ESS Inverter (I) Information

(B) Energy Capacity (kWh)	
(B) Real Power, max continuous charge (kW)	
(B) Real Power, recovery charge rate after Area EPS outage (kW)	
(B) Real Power, max continuous discharge (kW)	
(I) Real Power, peak output (kW)	
(I) Peak Output Duration Capability (sec)	
(I) Apparent Power, max continuous for charging (kVA)	
(I) Apparent Power, peak during discharge (kVA)	
(I) Power Factor Output Range (+/- range)	+/-
(I) Power Factor Capability at full rated real power (+/- range)	+/-
(I) Charging: using rectifier or inverter	
(B) Charge Rate kW (Maximum continuous)	
(B) Charge Rate kW (Recovery charge rate)	
(I) Firmware version	
(I) Operating Modes available	
(I) Operating Modes enabled	



Q&A

A large array of solar panels is shown in a field under a cloudy sky. The panels are tilted and mounted on metal frames. The foreground shows tall grass and some wildflowers.

THANK YOU

Still have questions?

Xcel Energy is here to help

- SolarProgramMN@xcelenergy.com - For program and interconnection questions
- Customer Service - 1-800-895-4999
- Business Solutions Center - 1-800-481-4700 // BSC@xcelenergy.com