

Distributed Energy Resource Interconnection Pre-Application Data Report- MinnesotaDate: 1/28/2025**Requestor Contact Information**

Company Name: MCKINSTRY

Contact Name: KATE PEARSON

Address: _____

Phone #: 4439047632

Email: kathryns@mckinstry.com

Project Information:

Project Name: Blue Earth County Public Works Building

DER Nameplate Rating: 360 kW DER Type: Solar PV

Number of phases: Three Phase Service Voltage: 277/480

Stand-alone Generator? No Existing DER? New DER(s)

Location of Existing DER: _____

County of Existing DER: _____

Proposed Point of Common Coupling

Street Address: _____

City/State/Zip Code: , Minnesota

County: Blue Earth

Cross Streets: Soltzman Road and Hawthorn Road

Latitude: 44.10905314

Longitude: -94.00815237

Meter #: _____ Utility Equipment #: 3117119.1

Other Identifying Info: _____

Xcel Energy has identified the substation/area bus, bank or circuit likely to serve the proposed Point of Common Coupling (PCC). This selection by Xcel Energy does not necessarily indicate, after application of the screens and/or study, that this would be the circuit the project ultimately connects to.

Pre-Application Reports will only include pre-existing data and do not obligate Xcel Energy to conduct a study or other analysis of the proposed DER in the event that data is not available. If Xcel Energy cannot complete all or some of a Pre-Application Report due to lack of available data, Xcel Energy will provide the Interconnection Customer with a Pre-Application Report that includes the data that is available.

The provision of information on "Available Capacity" does not imply that an interconnection up to this level may be completed without impacts since there are many variables studied as part of the interconnection review process. The distribution system is dynamic and subject to change and data provided in the Pre-Application Report may become outdated at the time of submission of the complete Interconnection Application. Xcel Energy will, in good faith, include data in the Pre-Application Report that represents the best available information at the time of reporting.

The gray highlighted data in the gray highlighted fields below are “Confidential Information”, are non-public, and are subject to the Confidentiality provisions in MN DIP section 5.9, as well as the confidentiality provisions contained in the signed Pre-Application Report Request Form.

Please refer to the Public DER Queue available at www.xcelenergy.com/HowToInterconnect to review the current queue at the below Feeder. Please note that queues with many projects On Hold will have long duration before any study results will be available.

Substation

Substation Name:	Sibley Park	Transformer Absolute Min Loading (MVA):	5.168
Substation Transformer:	SIP_TR02	Existing Generation (MW):	0.05
Transformer Rating (MVA):	30.611	Total Queued Generation (MW):	1.04
Transformer Peak Loading (MVA):	22.397	Available Transformer Generation Capacity*:	28.971 MVA
Transformer Daytime Min Loading (MVA):	5.629	Circuit distance from PCC to Substation (feet):	36,976
LTC or Regulator:	LTC		

Feeder

Feeder Name:	SIP072	Feeder Voltage (kV):	13.80
Feeder Rating at head end (MVA):	12.553	Existing Generation on feeder (MW):	0.00
Feeder Peak Loading at head end (MVA):	7.756	Total Queued Generation on feeder (MW):	0.01
Feeder Daytime Min Loading at head end (MVA):	1.964	Available Feeder Generation Capacity at the head end*:	11.993 MVA
Absolute Feeder Min Loading at head end (MVA):	1.649		

Point of Interconnection

Nominal Voltage at PCC (kV):	7.97	Number of phases:	1
Spot/Grid Network, or Radial Feeder:	Radial	If not 3-phase, circuit distance to 3-phase:	15,724

*Assumes existing generation operating at 0.95 power factor and is calculated based on 80% Equipment Rating + DML. This value does not account for other potential impacts that could be identified with a more detailed review or study.

The gray highlighted data in the gray highlighted fields below are “Confidential Information”, are non-public, and are subject to the Confidentiality provisions in MN DIP section 5.9, as well as the confidentiality provisions contained in the signed Pre-Application Report Request Form.

Protective Devices and Regulators between Site and Substation

Device	Size/Type
Recloser	35H
Recloser	70L
Recloser	400L

Conductor between Site and Substation

Conductor Type	Rating (Amps)	Total Length, ft*
ML_OH_336_ACSR	565	13413
ML_OH_336_AL	560	5216
ML_UG_750_AL	505	1901
ML_OH_4/0_CU	560	394
ML_OH_4_ACSR	150	328
2P_OH_336_ACSR	565	191
2P_OH_6A_CUWD	140	7549
2P_OH_4_ACSR	150	101
2P_OH_336_AL	560	2605
1P_OH_2_ACSR	260	215
1P_OH_336_ACSR	705	4795
1P_OH_4_ACSR	200	268

**Total length represents the total footage of all instances of a particular conductor size. The presented data is not necessarily in any particular order, nor does it indicate that the conductor is segmented in any particular way. The data represents the overall conductor lengths to be used in determining the overall impedance between the site and the substation.*

Other existing or known constraints, including, but not limited to, short circuit interrupting capacity issues, power quality or stability issues, capacity constraints:

- Initiate Application
- Initial Engineering Review
- Supplemental Review
- System Impact Study
- Facilities Study
- Interconnection Agreement
- Design and Construction
- Metering and Testing
- Permission to Operate

Interconnection Application
(/sort=06137817)06137817
(https://xcelenergy.my.site.com/Renewables/a87VX000000L3PV)

+ Follow

Submit Proposed Modifications

Withdraw

Program Type
Distributed Generation

Product
MN - DG > 40 kW and < 1000 kW

Address
19505 STOLTZMAN RD

City
MANKATO

Case #: 06137817
Status: Initiate Application
Step: In Review
Sub-Step: Review Missing Information
App Owner: Your application is being re-reviewed for completeness. If anything is missing, Xcel Energy will notify you within 5 business days. Xcel Energy: Perform Completeness Review.

- Actions
- Finalized Actions
- Milestones
- Completed Milestones
- Application Details

ACTION NAME	DESCRIPTION	STATUS	RESPONSIBLE PARTY	REQUIRED?	ACTION
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Please see Milestones tab for deadline.

Approval History (10+) (/Renewables/s/relatedlist/a87VX000000L3PV/ProcessSteps)



10+ items • Sorted by Is Pending • Updated 2 minutes ago

Step Na...	Date	Status	Assigned To	Actual Appr...	Comments
1	AE & PM ... 7/31/2025 3:19 PM	Pending	Spencer Dorio...	Spencer Dorio...	
2	PM Appro... 7/31/2025 3:19 PM	Approved	Jasmin Koco (/...	Jasmin Koco (/...	This application has been approved. Labels and Witness Test Procedure will need to be provided to the TSM for these requirements.
3	PM Appro... 7/31/2025 3:19 PM	No Response	Spencer Dorio...	Jasmin Koco (/...	
4	Approval ... 7/29/2025 8:09 AM	Submitted	Kate Pearson (/...	Kate Pearson (/...	
5	PM Appro... 7/29/2025 8:07 AM	No Response	Jasmin Koco (/...	Spencer Dorio...	
6	PM Appro... 7/29/2025 8:07 AM	Rejected	Spencer Dorio...	Spencer Dorio...	This application has been rejected for the for the following reasons: Energy storage declaration is missing
7	Approval ... 7/29/2025 7:54 AM	Submitted	Kate Pearson (/...	Kate Pearson (/...	
8	PM Appro... 7/24/2025 12:45 AM	No Response	Spencer Dorio...	Jasmin Koco (/...	

						This application has been rejected. Please correct the fol
						One-Line: 3.2 - Application case number assigned to the project. M numbers in future applications may lead to rejection. 3.4 - For systems larger than 250 kW, a signature from a Minnesota is required.Please include a signature and da 3.8 -The main service meter voltage and number of pha winding configuration and voltages.The main service m phase. Please update the oneline 3.10 -The AC Voltage of DER System. Missing, please inc 3.12 - Phases of inverters (single or three-phase inverte 3.21 - A visible-open type, lockable, and readily accessib isolating the DER from the utility source labeled "Utility AC Disconnect," or similar shall be shown. Please ensure described as 'visible-open type, lockable, and readily acc
9	PM Appro...	7/24/2025 12:45 AM	Rejected	Josh Guck (/Re...	Jasmin Koco (/...	
						Site Plan: 4.4 - Application OID, SRC, or case number assigned to t case numbers in future applications may lead to rejectio
10	Complete...	7/18/2025 12:40 PM	Approved	MN-WI Progra...	MN-WI Progra...	Approved. HT
						View All
(/Renewables/s/interconnection-application/related/a87VX000000L3PV/ProcessSteps)						

[Screen Results \(0\) \(/Renewables/s/relatedlist/a87VX000000L3PV/Screen_Results_r\)](#)

Checks (10+) (/Renewables/s/relatedlist/a87VX000000L3PV/Checks_r)							
10+ items • Sorted by Requirement Not Met • Updated a minute ago							
Check Name	Action Name	Type	Label	Description	Requirement		
1 CHK-3408513 ...	Site Plan	Contact Infor...	4.1	Customer Name			▼
2 CHK-3408514 ...	Site Plan	Contact Infor...	4.2	Installation premise address			▼
3 CHK-3408515 ...	Site Plan	Contact Infor...	4.3	Installer name & contact information			▼
4 CHK-3408516 ...	Site Plan	Contact Infor...	4.4	Application OID, SRC, or case number as...			▼
5 CHK-3408517 ...	Site Plan	Contact Infor...	4.5	Building(s) and streets shall be labelled			▼
6 CHK-3408518 ...	Site Plan	Contact Infor...	4.6	Compass direction (indicate North)			▼
7 CHK-3408519 ...	Site Plan	Electrical Com...	4.7	Main service entrance, all meter locations...			▼
8 CHK-3408520 ...	Site Plan	Electrical Com...	4.7.1	Distance shall be noted between meterin...			▼
9 CHK-3408521 ...	Site Plan	Electrical Com...	4.7.2	For dedicated power production facilities:...			▼
10 CHK-3408522 ...	Site Plan	Electrical Com...	4.8	The Production Meter and AC Disconnect ...			▼
							View All
(/Renewables/s/interconnection-application/related/a87VX000000L3PV/Checks_r)							

Create A New Post

* (required) Topic

--None--

* (required) Question

☐ Include attachment?

Next

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▼ ↺



[Kate Pearson](#) (</Renewables/s/profile/0054O0000098f5uQAA>) ([McKinstry](#))

19h ago (</Renewables/s/feed/0D5VX00000kUnYm0AK/>)

▼

Good afternoon,
Can you explain what we need to update for the application to be completed and move to the next step? I am not seeing anything to update anywhere.Thank you!

Engineering/Technical

[\(/Renewables/s/topic/0TO4O000000IToIWAG/\)](/Renewables/s/topic/0TO4O000000IToIWAG/)

1 comment 2 views

 Like

 Comment



[Kate Pearson](#) (</Renewables/s/profile/0054O0000098f5uQAA>) ([McKinstry](#))

19 hours ago

▼

There is no energy storage for this project. What is the "Energy Storage Declaration"?

▼ Application Information

State	Track
Minnesota	Fast Track
New or Modified DER	DER Type
New DER(s)	Solar PV
DG Generator Type	Energy Storage System Included
PV/Inverter	No
AC Active Power Nameplate Rating (kW)	System Capacity kW
250.000	452.650
System Capacity (kWh)	DER will be used for the following
535,218.005	Net Metering Self-Supply
Existing DG Size (AC kW)	New Construction
	☒



[Jasmin Koco](#) (</Renewables/s/profile/005VX000009WFzdYAG>) ([Xcel Energy](#)) requested approval for this interconnection application.The approval is at step 5 of 7.

19h ago (</Renewables/s/feed/0D5VX00000kUUpX0AW/>)

▼

 Like

 Comment



Write a comment...



[Kate Pearson](#) (</Renewables/s/profile/0054O0000098f5uQAA>) ([McKinstry](#)) requested approval for this interconnection application.The approval is at step 2 of 7.

July 29, 2025 at 8:09 AM (</Renewables/s/feed/0D5VX00000kD5Pe0AK/>)

▼

 Like

 Comment



Write a comment...



[Kate Pearson](#) (</Renewables/s/profile/0054O0000098f5uQAA>) ([McKinstry](#)) requested approval for this interconnection application.The approval is at step 2 of 7.

July 29, 2025 at 7:54 AM (</Renewables/s/feed/0D5VX00000kDMrb0AG/>)

▼

 Like

 Comment



Write a comment...



[MN-WI Program Admin](#) (</Renewables/s/profile/005KZ000001AcDcYAK>) ([Xcel Energy](#)) requested approval for this interconnection application.The approval is at step 2 of 7.

July 18, 2025 at 12:40 PM (</Renewables/s/feed/0D5VX00000jDapm0AC/>)

▼

Like

Comment

Write a comment...

Kate Pearson (/Renewables/s/profile/0054O0000098f5uQAA) (McKinstry) requested approval for this interconnection application. The approval is at step 1 of 7.

July 18, 2025 at 8:41 AM (/Renewables/s/feed/0D5VX00000jBp8l0AC)

Like

Comment

Write a comment...

Spencer Doriot (/Renewables/s/profile/0054O000009jiCiQAI) (Xcel Energy Services Inc.) requested approval for this interconnection application. The approval is at step 1 of 7.

July 18, 2025 at 8:28 AM (/Renewables/s/feed/0D5VX00000jC4kM0AS)

Like

Comment

Write a comment...

Kate Pearson (/Renewables/s/profile/0054O0000098f5uQAA) (McKinstry)

July 11, 2025 at 11:05 AM (/Renewables/s/feed/0D5VX00000iWlyg0AC)

See attached for image of Check sent on 7/9/2025.



Deposits/Fees/True-ups

(/Renewables/s/topic/0TO4O000000ITobWAG/)

2 comments 3 views

Like

Comment

More comments

1 of 2

Callie Walsh (/Renewables/s/profile/0050B000007sZ8CQAU) (Xcel Energy)

15 days ago

The checks sent on 6/18 (Check # 114 and 115) were received and deposited. I will void/shred check #119 which is a duplicate. Thanks!

Like

Write a comment...

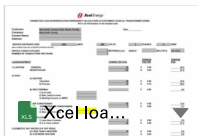
Kate Pearson (/Renewables/s/profile/0054O0000098f5uQAA) (McKinstry)

May 2, 2025 at 10:53 AM (/Renewables/s/feed/0D5VX00000cLtdW0AS)

Good morning,

We are filling out an interconnection application for a 453kWdc; 360kWac rooftop solar array for the Blue Earth County new Public Works Facility. This building is a new construction and has the following account number and premise number from Xcel:

APPLICATION OID: 06137817
ACCOUNT: 51-0014913914-7
PREMISES NUMBER: 305306375
[Expand Post](#)



120% Rule/200% Rule
(/Renewables/s/topic/0TO4O0000000IToWWAW/)

22 comments 26 views

 Like

 Comment

More comments

1 of 22

 [MN-WI Program Admin](#) (/Renewables/s/profile/005KZ000001AcDcYAK) (Xcel Energy) 17 days ago

[@Kate Pearson](#) (/Renewables/s/profile/0054O0000098f5uQAA) (McKinstry) Please see page 67 for information on the witness test procedure, there is an example as well. CW



Like

 Write a comment...

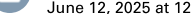
 [Kate Pearson \(/Renewables/s/profile/005400000098f5uQAA\)](/Renewables/s/profile/005400000098f5uQAA) (McKinstry) requested approval for this interconnection application. The approval is at step 1 of 7.
[July 15, 2025 at 7:04 AM \(/Renewables/s/feed/0D5VX00000inSI0AM\)](#)

 Like  Comment



 [Kate Pearson \(/Renewables/s/profile/005400000098f5uQAA\)](#) (McKinstry)
June 12, 2025 at 12:24 PM (/Renewables/s/feed/0D5VX00000fv8Aw0AI)

See attached for stamped load analysis calc.

  Copy of ...

120% Rule/200% Rule
(/Renewables/s/topic/0TO4O000000IToWWAW/)

1 comment 2 views

 Like

 Comment

 [MN-WI Program Admin \(/Renewables/s/profile/005KZ000001AcDcYAK\)](#) (Xcel Energy)
2 months ago
[@Kate Pearson \(/Renewables/s/profile/0054Q00000098f5uQAA\)](#) (McKinstry) Please proceed. CW
Like



[er_data & privacy/privacy_policy_and_customer_data_access](#)

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