

Minnesota Public Utilities Commission

INFORMATION DOCKET E999/M-18-205
Solar Energy Standard Annual Report

Reporting Period:
Utility:

January 1, 2017 - December 31, 2017
Xcel Energy

Report Year: 2017 Date Submitted: June 1, 2018

Filing Utility Information		Contact Information	
Company ID#	U12000	Contact Name	Rebecca Eilers
Company Name	Xcel Energy	Contact Title	Case Specialist
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Street Address Line 2		Contact Email	rebecca.d.eilers@xcelenergy.com
City	Minneapolis		
State	MN		
Zip Code	55401		

Instructions
 Due: June 1, 2017
 Reporting Period: preceding calendar year
 Complete the following worksheets and e-file in **Excel (XLS or XLSX)** format:
 Worksheet 1, Utility Info
 Worksheet 2, Retail and Excluded Sales
 Worksheet 3, Solar Generation
 Worksheet 4, Capacity Factors
 Worksheet 5, Additional graphs the utility may choose to provide
 Also complete and efile the Solar Energy Standard Report PDF supplement
 To e-file, login, or register, at: <https://www.edockets.state.mn.us/EFiling/home.isp>
 For directions on how to e-file, see: <http://www.commerce.state.mn.us/eDocFile/eFilingHelp.html>
 For questions about the worksheets, send an email to: hanna.terwilliger@state.mn.us
 For questions about e-filing, contact Karen Santori at 651-539-1530 or at karen.santori@state.mn.us.

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PUBLIC DOCUMENT			
NOT PUBLIC DATA HAS BEEN EXCISED			
Minnesota Public Utilities Commission			
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Annual Minnesota retail sales for the reporting year	
Docket No. E999/CI-13-542, Commission Order (April 25, 2014), Order Points 4.A & 4.B	
1. Annual MN retail sales for the reporting year	29,739,386 MWH
	[PROTECTED DATA BEGINS]
2. Annual Excluded customer sales for the reporting year	
3. Annual Minnesota retail sales less exclusions	

PROTECTED DATA ENDS]

Customer requesting exclusion from the SES that have been approved by the utility						
Docket Nos. E999/CI-13-542, E999/M-14-321, Commission Order (October 23, 2014), Order Point 2.a						
Customer Name	Docket Granting Exclusion	Premise Number	Premise	NAICS	6/2017-12/2017 kWh Usage	Refund (\$s)
Previously approved excluded customers:						
[PROTECTED DATA BEGINS]						
Total MN Sales for Excluded Customers						\$174,321

PROTECTED DATA ENDS]

Customer Name	Docket	Premise Number	Premise	NAICS	6/2017-12/2017 kWh Usage	Refund (\$s)
New customers requesting exclusion:						
N/A - No additional customers have requested exclusion at this time.						

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Solar generation on the utilities' system during the reporting period					
Docket No. E999/Ci-13-542, Commission Order (April 25, 2014), Order Point 4.E					
	Number of Facilities on Utility System	Capacity	Number registered in M-RETS	Capacity registered in M-RETS	SRECs Generated
Less than 20/40kW	1,799	15.71	23	10.37	13,894
Greater than 20/40kW	420	488.56	256	482.97	576,629

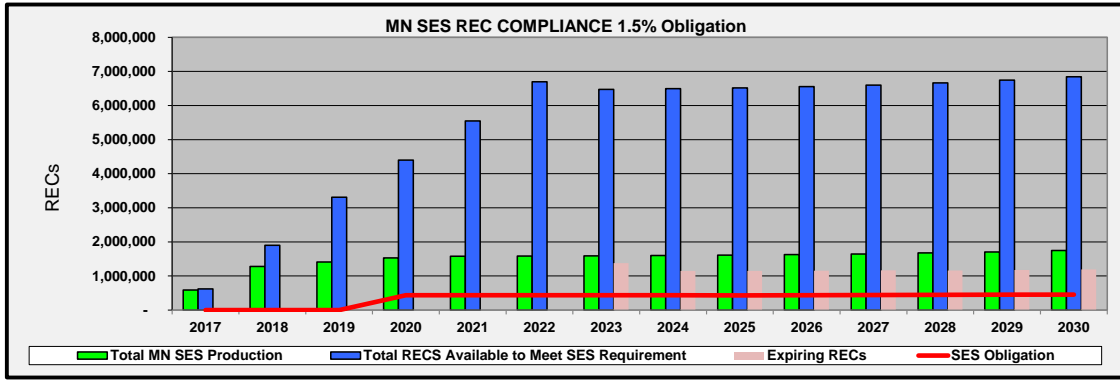
Estimated amount of solar generation a utility would be required to obtain in 2020		
Docket No. E999/Ci-13-542, Commission Order (April 25, 2014), Order Points 4.F & 4.G		
	Capacity (MW)	SRECs (MWh)
Entire 1.5% Standard	226	437,907
Small Scale Carve-Out (10% of 1.5%)	31	43,791
2030 Goal of 10%	1,581	3,023,736

Breakdown of S-RECS generated				
Docket No. E999/Ci-13-542, Commission Order (April 25, 2014), Order Point 5				
	Balance at Beginning of Reporting Year ¹	Accrued in Reporting Year	Used in Reporting Year	Year End Balance
1. Utility-owned solar projects				
2. Solar Facilities that have entered into a PPA with the utility	20,113	420,305		440,418
3. Community Solar Gardens (ARR)				0
a. Receiving an incentive (any type)	245	146,568		146,813
b. Not receiving an incentive				
4. Community Solar Gardens (VOS)				
a. Receiving an incentive (any type)				
b. Not receiving an incentive				
5. Facilities receiving a VOS rate (not included above)				0
6. Facilities under a net metering tariff				0
a. Receiving an incentive (any type)	10,481	19,748		30,229
b. Not receiving an incentive				0
7. Facilities receiving an incentive (not included above)				0
8. Facilities that do not fall into any other category	497	3,902		4,399
Total	31,336	590,523	0	621,859

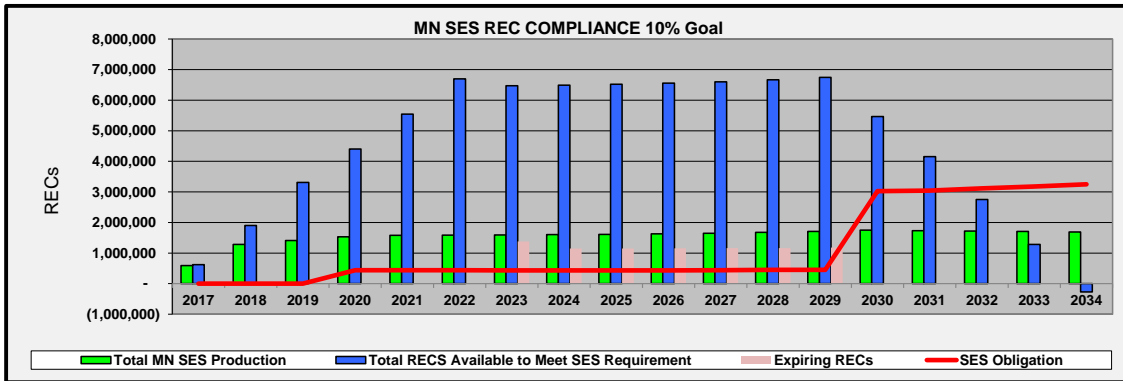
Purchases and sales of S-RECS to meet the SES		
Docket No. E999/Ci-13-542, Commission Order (April 25, 2014), Order Point 4.K		
	SRECS Purchased	SRECS Sold
SES (>20k/40W)	0	0
Small Scale Carve Out (<20/40kW)	0	0
Total	0	0

1. Beginning of year REC balance includes current solar RECs held in NSP's REC bank. Beginning REC balance may differ from previous year's ending REC balance to accommodate for adjustments made to REC classification, REC allocations, or registration details of qualified solar resources.

1.5% by 2020



10% by 2030



Carve Out

