Minnesota Public Utilities Commission					
INFORMATION DOCKET E999/M-18-205 Reporting Period: January 1, 2017 - December 31, 2017					
Solar Energy Standard Annual Report Utility: Xcel Ene					
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
Street Address Line 1	414 Nicollet Mall	Contact Telephone	612.330.5570
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 .

Protected Data Shaded	d					
	PUBLIC DOCUMENT					
		NOT PUBLIC	DATA	A HAS BEEN EX	CISED	
	Minnesota Public Utilities Commission					
INFORMATION D	INFORMATION DOCKET E999/M-18-205 Reporting Period January 1, 2017 - December 31, 2017					
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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				
Annual MN retail sales for the reporting year		29,739,386 MWH		
		[PROTECTED DATA BEGINS		
Annual Excluded customer sales for the reporting year				
3. Annual Minnesota retail sales less exclusions				

3. Annuai Minnesota retaii sales less exclusio	ons					
			PROTECTED DATA ENDS]		
Customer requesting exclusion fro	om the SES that have beer	n approved by t	he utility			
Docket Nos. E999/CI-13-542, E999/M-14-321, C	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 MAN Calas for Evaluded C	ustamars					¢174 221
Total MN Sales for Excluded C	ustomers					\$174,321
		1			6/2017-12/2017	PROTECTED DATA ENDS] Refund
Customer Name	Docket	Premise Number	Premise	NAICS	kWh Usage	(\$s)
New customers requesting exclusion:					-	
N/A - No additional customers have requeste	ed exclusion at this time.			•	•	

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

Minnesota Public Utilities Commission					
INFORMATION DOCKET E999/M-18-2	INFORMATION DOCKET E999/M-18-205 Reporting Period: January 1, 2017 - December 31, 2017				
Solar Energy Standard Annual Report	Utility:		Xcel Energy		
Report Year:	2017 Date Submitte	ed: June 1, 2018			

Solar generation on the utilites' 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 Mumber registered in M-RETS Capacity FEE 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.	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	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
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 incuded 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 accommmodate for adjustments made to REC classification, REC allocations, or registration details of qualified solar resources.

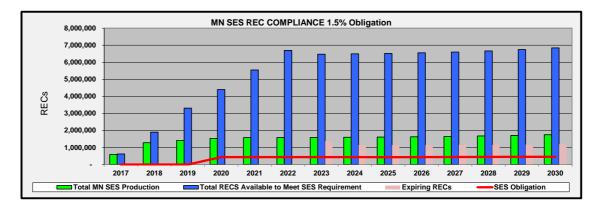
PUBLIC DOCUMENT						
NOT PUBLIC DATA HAS BEEN EXCISED						
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,	UBLIC DATA HAS BEEN EXCISED Reporting Period: Utility:					

Additional information supporting assume	ed				
Docket Nos. E999/CI-13-542, E999/M-14-321, Commission Order (October 23, 2014), Order Points 2.b & 2.d					
Solar Project	Nameplate (MW)	Capacity Factor	Capacity Accreditation	Project Status	
		[PROTECTED DATA BEGINS			
Aurora Distributed Solar, LLC ²	100 MW			existing	
North Star Solar PV, LLC ²	100 MW			existing	
Marshall Solar, LLC ²	62.25 MW			existing	
			PROTECTED DATA ENDS]		
Community Solar Garden installations 2, 4, 5	various	16-19%	50%	planned	
Small Solar - RDF Projects	various	16-19%	50%	planned	
Small Solar (<40 kw)	various	16-19%	BTMG ⁶	planned	

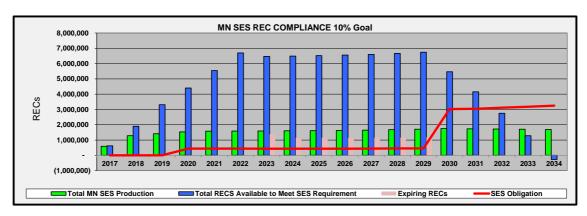
Information on Assumed Capacity Factor			
urora Distributed Solar - Capacity factor is based on total year			

Information on effective load carrying capability and MISO Capacity Accreditation				
Capacity Accreditation represents an estimate of reliable resource				

- addressed through the reporting of MISO's accreditation.
 contractual agreement value. Capacity accreditation for other
 4. Community Solar Garden installations are registered with MISO following COD.
 5. Community Solar Garden and Solar Rewards installations continue to be added.
 6. Behind the meter generation



10% by 2030



Carve Out

