

Minnesota Department of Commerce

INFORMATION DOCKET E999/PR-19-10

Reporting Period:

January 1, 2018 - December 31, 2018

Distributed Generation Interconnection Report

Utility:

People's Energy Cooperative

Report Year: 2018

Date Submitted:

February 28, 2019

Filing Utility Information		Contact Information	
Company ID#	89	Contact Name	Gary Fitterer
Company Name	People's Energy Cooperative	Contact Title	Director of Engineering
Street Address Line 1	1775 Lake Shady Avenue South	Contact Telephone	(507) 367-7033
Street Address Line 2		Contact Email	gfitterer@peoplesrec.cm
City	Oronoco	Check box if there are no DG facilities interconnected with the utility	
State	MIN		
Zip Code	55960		

Comments/Notes

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Existing Interconnected Distributed Generation Facilities

Per 216B.1611, Subd. 4(b), please provide a listing of all of the distributed generation facilities that were already interconnected in parallel with the utility's distribution system at the beginning of the reporting period. Include the facility capacity in kW (numeric value only), fuel type (from dropdown list), and a description of the facility's point of interconnection (city and feeder).

Name Of Facility Or Identifier	Facility Capacity (kW)	Type/choose from list		Year	Total Installed Cost Without Incentives	CHP	Secondary Energy Source	Type of Customer	Utility Incentive Program	Made in Minnesota	Facility Point Of Interconnection With The Utility System		
		Primary Energy Source	Interconnected								City	Zip Code	Substation ID
WD0001	39.50 Wind			2008				Commercial				06	06-02
PV0002	7.20 Solar			2008				Residential				16	16-02
PV0004	6.048 Solar			2009				Residential				09	09-01
PV0005	3.584 Solar			2010				Residential				16	16-02
PV0006	8.28 Solar			2010				Residential				09	09-02
WD0002	10.00 Wind			2011				Residential				10	10-03
WD0005	10.00 Wind			2011				Residential				22	22-01
PV0007	16.20 Solar			2011				Commercial				15	15-01
WD0006	10.00 Wind			2011				Commercial				14	14-02
PV0008	6.90 Solar			2012				Residential				16	16-01
PV0009	39.90 Solar			2013				Commercial				10	10-01
PV0010	7.20 Solar			2013				Commercial				17	17-03
PV0011	11.80 Solar			2013				Residential				04	04-02
PV0012	6.90 Solar			2013				Residential				17	17-03
PV0013	4.20 Solar			2013				Residential				17	17-04
PV0014	3.96 Solar			2013				Residential				05	05-01
PV0015	37.50 Solar			2013				Commercial				10	10-02
PV0016	13.90 Solar			2013				Residential				10	10-01
WD0007	10.00 Wind			2014				Commercial				20	20-01
PV0017	12.72 Solar			2014				Residential				09	09-01
PV0018	513.00 Solar			2014				Commercial				16	16-01
PV0019	21.45 Solar			2014				Residential				02	02-02
PV0020	19.10 Solar			2014				Residential				02	02-02
WD0008	39.90 Wind			2014				Commercial				04	04-03
PV0021	16.50 Solar			2014				Residential				09	09-01
PV0022	8.20 Solar			2014				Residential				16	16-02
PV0023	5.78 Solar			2014				Residential				05	05-03
PV0024	27.50 Solar			2015				Commercial				10	10-01
PV0025	14.30 Solar			2015				Commercial				14	14-02
PV0026	5.00 Solar			2015				Residential				15	05-01
PV0027	7.90 Solar			2015				Residential				14	14-02
PV0028	14.50 Solar			2015				Commercial				04	04-03
PV0029	30.20 Solar			2015				Commercial				04	04-03
PV0030	39.69 Solar			2015				Commercial				22	22-01
PV0031	27.00 Solar			2014				Commercial				27	27-34
PV0032	26.00 Solar			2013				Commercial				27	27-34
PV0033	8.40 Solar			2015				Residential				02	02-01
PV0034	8.40 Solar			2015				Commercial				27	27-34
PV0035	15.86 Solar			2015				Residential				03	09-01
PV0036	10.26 Solar			2015				Residential				16	16-01
PV0037	14.40 Solar			2015				Residential				01	01-02
PV0038	20.79 Solar			2015				Commercial				14	14-02
PV0039	11.44 Solar			2015				Residential				14	14-02
PV0040	12.04 Solar			2015				Residential				16	16-03
PV0041	12.65 Solar			2015				Residential				08	08-01
PV0042	4.50 Solar			2015				Residential				25	25-01
PV0043	11.70 Solar			2015				Residential				05	05-01
PV0044	13.80 Solar			2015				Residential				17	17-03

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Existing Interconnected Distributed Generation Facilities

Per 216B.1611, Subd. 4(b), please provide a listing of all of the distributed generation facilities that were already interconnected in parallel with the utility's distribution system at the beginning of the reporting period. Include the facility capacity in kW (numeric value only), fuel type (from dropdown list), and a description of the facility's point of interconnection (city and feeder).

Name Of Facility Or Identifier	Facility Capacity (kW)	Type/choose from list		Year	Interconnected	Types of Customer	Utility Incentive Program	Made in Minnesota	Facility Point Of Interconnection With The Utility System			
		Primary Energy Source	Secondary Energy Source						CHP	Total Installed Cost Without Incentives	City	Zip Code
PV0045	7.60 Solar			2015	Residential	Residential			55932	26	26-38	
PV0046	11.34 Solar			2015	Residential	Residential			55934	06	06-01	
PV0047	11.55 Solar			2016	Commercial	Commercial			55945	04	04-02	
PV0048	13.44 Solar			2016	Commercial	Commercial			55976	04	04-03	
PV0049	10.20 Solar			2016	Residential	Residential			55976	17	17-04	
PV0050	10.80 Solar			2016	Residential	Residential			55904	05	05-03	
PV0051	9.24 Solar			2016	Residential	Residential			55906	03	03-02	
PV0052	8.45 Solar			2016	Residential	Residential			55932	15	15-02	
PV0053	8.40 Solar			2016	Residential	Residential			55904	25	25-03	
PV0054	13.00 Solar			2016	Commercial	Commercial			55932	18	18-02	
PV0055	39.65 Solar			2016	Commercial	Commercial			55944	12	12-02	
PV0056	5.85 Solar			2016	Residential	Residential			55960	16	16-01	
WD0009	34.50 Wind			2016	Residential	Residential			55902	14	14-02	
PV0057	14.90 Solar			2016	Residential	Residential			55932	05	05-03	
PV0058	9.00 Solar			2016	Commercial	Commercial			55901	03	03-04	
PV0059	7.60 Solar			2016	Residential	Residential			55944	12	12-02	
PV0060	16.25 Solar			2016	Residential	Residential			55934	05	05-02	
PV0061	33.80 Solar			2016	Residential	Residential			55991	18	18-01	
PV0062	256.00 Solar			2016	Commercial	Commercial			55932	15	15-03	
PV0063	10.72 Solar			2016	Residential	Residential			55960	16	16-01	
PV0064	36.00 Solar			2017	Commercial	Commercial			55902	14	14-02	
PV0065	4.86 Solar			2017	Residential	Residential			55904	25	25-01	
PV0066	13.65 Solar			2017	Residential	Residential			55920	02	02-01	
PV0067	38.00 Solar			2017	Residential	Residential			55960	16	16-01	
PV0068	7.80 Solar			2017	Residential	Residential			55934	05	05-02	
PV0069	10.00 Solar			2017	Residential	Residential			55041	07	07-01	
PV0070	14.95 Solar			2017	Residential	Residential			55902	02	02-02	
PV0071	10.95 Solar			2017	Commercial	Commercial			55960	16	16-02	
PV0072	18.50 Solar			2017	Residential	Residential			55957	04	04-01	
PV0073	10.95 Solar			2017	Residential	Residential			55902	14	14-02	
PV0074	39.96 Solar			2017	Residential	Residential			55960	09	09-02	
PV0075	18.54 Solar			2017	Commercial	Commercial			55976	30	30-60	
PV0076	7.60 Solar			2017	Residential	Residential			55901	03	03-04	
PV0077	7.60 Solar			2017	Residential	Residential			55934	15	15-02	
PV0078	24.00 Solar			2017	Commercial	Commercial			55976	11	11-01	

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New Distributed Generation Facilities Interconnections

Per 216B.1611, Subd. 4(b), please provide a listing of all new distributed generation facilities added to the utility's distribution system during the reporting period. Include the facility capacity in kW (numeric value only), fuel type (from dropdown list), and a description of the facility's point of interconnection (city and feeder).
 *Interconnection milestones (step 1, step 5, Specialized Engineering Study, etc.) refer to the PUC Order Establishing Standards on September 28, 2004, "In the Matter of Establishing Generic Standards for Interconnection and Operation of Distributed Generation Facilities under Minnesota Laws 2001, Chapter 212" in Docket E-999/C1-D-1-1023, Attachment 1: Interconnection Process for Distributed Generation Systems. (https://mn.gov/puc-sta/documents/puc_pdf_orders/008982z.pdf)

Name of Facility Or Identifier	Type/choose from		Total Installed Cost Without Incentives	Type of Customer	Utility Incentive Program	Made in Minnesota	Application Date	Step 5* Notification Date of Study Results and Construction Estimates	Step 10* Approval of normal operation	Specialized Engineering Study* required?	Final Interconnection cost paid to utility	Facility Point Of Interconnection With The Utility System			
	Facility Capacity (kW)	Primary Energy Source										City	Zip Code	Substation ID	Feeder ID
PV0079	72.00 Solar	Commercial		Commercial		11/29/2017	12/18/2017	N			\$0.00	Byron	55920	02	02-01
PV0080	36.00 Solar	Residential		Residential		8/16/2017	9/18/2017	N			\$600.00	Byron	55920	02	02-01
PV0081	6.00 Solar	Residential		Residential		3/5/2018	4/11/2018	N			\$0.00	Oronoco	55960	16	16-01
PV0082	5.80 Solar	Residential		Residential		3/20/2018	4/11/2018	N			\$0.00	Oronoco	55960	16	16-01
PV0083 (Addition to W00007)	27.20 Solar	Commercial		Commercial		4/30/2018	5/8/2018	N			\$600.00	Charfield	55923	20	20-01
PV0084	12.00 Solar	Residential		Residential		4/30/2018	5/8/2018	N			\$0.00	Rochester	55905	18	18-02
PV0085	12.50 Solar	Residential		Residential		5/25/2018	6/11/2018	N			\$0.00	Byron	55920	02	02-01
PV0071 (Addition to Existing)	21.90 Solar	Commercial		Commercial		4/30/2018	5/8/2018	N			\$600.00	Oronoco	55960	16	16-02
PV0086	6.00 Solar	Residential		Residential		6/4/2018	6/11/2018	N			\$0.00	Rochester	55906	03	03-03
PV0087	12.00 Solar	Residential		Residential		6/20/2018	7/17/2018	N			\$0.00	Elyota	55934	06	06-01
PV0088	37.50 Solar	Commercial		Commercial		5/23/2018	6/11/2018	N			\$0.00	Egin	55952	15	15-02
PV0089	3.00 Solar	Residential		Residential		6/29/2018	7/27/2018	N			\$0.00	Kasson	55944	12	12-02
PV0090	30.40 Solar	Commercial		Commercial		7/27/2018	8/7/2018	N			\$0.00	Plainview	55964	08	08-03
PV0091	15.20 Solar	Commercial		Commercial		7/27/2018	8/7/2018	N			\$0.00	Plainview	55964	08	08-03
PV0092	16.00 Solar	Residential		Residential		7/26/2018	8/8/2018	N			\$600.00	Rochester	55901	16	16-03
PV0093	12.50 Solar	Residential		Residential		9/19/2018	10/8/2018	N			\$600.00	Rochester	55906	03	03-01
PV0093	22.00 Solar	Residential		Residential		7/30/2018	8/7/2018	N			\$0.00	Rochester	55901	03	03-04

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Interconnected Distributed Generation Facilities Removed

Per 216B.1611, Subd. 4(b), please provide a listing of all distributed generation facilities removed from the utility's distribution system during the reporting period. Include the facility capacity in kW (numeric value only), fuel type (from dropdown list), and a description of the facility's point of interconnection (city and feeder).

Name Of Facility Or Identifier	Facility Capacity (kW)	Type/choose from list			Date of Disconnection	City	Zip Code	Substation	Feeder
		Primary Energy Source	Secondary Energy Source	Community CHP					
Facility Point Of Interconnection With The Utility System									

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Distributed Generation Interconnection Applications Received

Only list facilities that have not completed interconnection and are not included under New interconnections.

Per 21B9.1611, Subd. 4(b), please provide a listing of all distributed generation facilities that submitted interconnection applications during the reporting period, including the facility capacity in kW (numeric value only), fuel type (from dropdown list), and the status of the application.
*Interconnection milestones (step 1, step 5, Specialized Engineering Study, etc.) refer to the PUC Order Establishing Standards on September 28, 2004, "in the Matter of Establishing General Standards for Utility Tariffs for Interconnection and Operation of Distributed Generation Facilities under Minnesota Law 2001, Chapter 232" in Docket E-999/C1-01-1023, Attachment 1: Interconnection Process for Distributed Generation Systems (http://mn.gov/puc-sta/documents/puc_order/02892.pdf)

Name Of Facility Or Identifier	Facility Capacity (kW)	Type/choose from		Total Installed Cost Without Incentives	Type of Customer	Utility Incentive Program	Made in Minnesota	Step 1* Application Date	Step 5* Notification Date of Study Results and Construction Estimates	Step 10* Notification Date for Approval of normal operation	Specialized Engineering Study* required?	Disposition of the Facility						
		Primary Energy Source	Secondary Energy Source									City	Zip Code	Substation ID	Feeder ID	Approved	Pending	Cancelled
PV0081	6.00	Solar			Residential			3/5/2018		4/11/2018	N	Oronoco	55960	16	16-01	X		
PV0082	5.80	Solar			Residential			3/20/2018		4/11/2018	N	Oronoco	55960	16	16-01	X		
PV0083 (Addition to WD0007)	27.2	Solar			Commercial			4/30/2018		5/8/2018	N	Chatfield	55923	20	20-01	X		
PV0084	12.00	Solar			Residential			5/8/2018		6/11/2018	N	Rochester	55905	18	18-02	X		
PV0085	12.50	Solar			Residential			5/25/2018		6/11/2018	N	Byron	55920	02	02-01	X		
PV0071 (Addition to Existing)	21.90	Solar			Commercial			4/30/2018		5/8/2018	N	Oronoco	55960	16	16-02	X		
PV0086	6.00	Solar			Residential			6/4/2018		6/11/2018	N	Rochester	55906	03	03-03	X		
PV0087	12.00	Solar			Residential			6/20/2018		7/27/2018	N	Eyota	55934	06	06-01	X		
PV0088	37.50	Solar			Commercial			5/23/2018		6/11/2018	N	Elgin	55932	15	15-02	X		
PV0089	3.000	Solar			Residential			6/25/2018		7/27/2018	N	Kasson	55944	12	12-02	X		

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Community Solar Gardens

Per 216B.1611, Subd. 4(b), please provide a listing of all community solar garden facilities that were already interconnected, or submitted interconnection applications during the reporting period, including the facility capacity in kW (numeric value only), fuel type (from dropdown list), and the status of the application.

*Interconnection milestone (step 1, step 5, Specialized Engineering Study, etc.) refer to the PUC Order Establishing Standards on September 28, 2014, "in the Matter of Establishing Generic Standards for Utility Tariffs for Interconnection and Operation of Distributed Generation Facilities under Minnesota Laws 2007, Chapter 212," in Docket E-999/CI-01-1023, Attachment 1: Interconnection Process for Distributed Generation Systems (https://mnc.gov/puc-star/documents/puc_star_orders/200922.pdf)

Name Of Facility Or Identifier	Facility Capacity (kW)	Total Installed Cost Without Incentives	Year Interconnected	Step 1*		Step 5*		Step 10*		Facility Point Of Interconnection With The Utility System		Disposition of the Facility Request					
				Application Date	Notification Date of Study Results and Construction Estimates	Notification Date for Approval of normal operation	Specialized Engineering Study* required?	Final Interconnection cost paid to utility	City	Zip Code	Substation ID	Feeder ID	Operational	Approved	Cancelled	Pending	
PV0062	256.00		2016				N	\$12,674.00		Elgin	55932	15	15-03	X			X