Michigan Public Service Commission

Net Metering & Solar Pilot Program Report

For Calendar Year 2011

August 2012

Electric Reliability Division

Renewable Energy Section

This document is an annual report prepared by Staff from the Michigan Public Service Commission's Electric Reliability Division, Renewable Energy Section. The main source of the data provided is from reports filed by Michigan electric providers. Staff thanks all of the electric providers for their efforts to provide timely and accurate data and information used in preparing this report.

To stay informed about Michigan renewable energy activities, readers are invited to visit the Commission's Michigan Renewable Energy website, at michigan.gov/renewables.

Net Metering & Solar Pilot Programs
Introduction

The Michigan Public Service Commission Staff (MPSC Staff) issues an annual net metering report summarizing the information filed by electric providers pursuant to Rule 40 (3) of the Commission's Electric Interconnection and Net Metering Standards. This report is expanded to include information describing solar photovoltaic (solar) pilot programs offered by Consumers Energy and Detroit Edison.

The net metering program, available to customers of Michigan's rate-regulated utilities, cooperatives and alternative electric suppliers (AES), has encouraged the development of on-site renewable energy electric generation projects to offset some or all of a customer's electric energy needs and reduce electric bills.

Net Metering Data and Analysis

Customer participation in the net metering program grew from 628 customers in 2010 to 1,015 customers in 2011. In addition to the milestone of surpassing 1,000 participating customers, the first modified net metering projects in the Category 2[1] size range and an alternative electric supplier net metering project were reported[2]. At the end of 2011, the current capacity of net metering installations is approximately 6,166 kilowatts (kW). This represents a 118% increase in program size over 2010. For the last 2 years, Michigan experienced tremendous growth in the number of solar installations due to net metering and Detroit Edison's SolarCurrents program.

Tables 2 and 3 summarize the breakdown of net metering customers and program capacity by electric provider. All rate-regulated Michigan electric providers have customers participating in the net metering program. Detroit Edison is the only electric provider reporting customer participation in the Category 2 size range.

Figures 1 through 4 show net metering program growth and participation information. Detroit Edison SolarCurrents customers participate in net metering which contributed to the number of net metering solar installations surpassing the number of wind installations in 2010.

A detailed description of net metering customers is provided in Appendix A: Net Metering Installations by Utility, through 2011. Location information, based on zip code and county, for net metering customers is displayed on Figure 5.

Michigan's net metering program received a grade of "A" for the second consecutive year as noted in Freeing the Grid, a policy guide that grades states' net metering programs.

[1] Category 2 refers to a project size of greater than 20 kW and not more than 150 kW.
[2] There were no reported customers in the Category 3 (methane digester no larger than 550 kW) size category.

Michigan's Solar Pilot Programs
Through May 2012

In 2011 and 2012, both Consumers Energy and Detroit Edison continued implementation of programs designed to incentivize solar installations. Consumers Energy conducted four solicitations for solar applications through its expanded Experimental Advanced Renewable Program (EARP). Detroit Edison continued solar development resulting from its 15 MW company-owned SolarCurrents program through 2012, but as of May 2011, its 5 MW customer-owned program was fully subscribed.

Experimental Advanced Renewable Program

Consumers Energy's EARP was originally approved by the Commission in 2009. The total program size was 2 MW (2,000 kW) where 1,500 kW was reserved for commercial projects and the remaining 500 kW was allotted to residential projects. In June of 2011, the Company announced that the program had become fully subscribed after completing 102 contracts. The Company had received a great deal of interest in the original program and a significant customer desire for an expansion of the program. After careful review and design, Consumers Energy expanded the program by an additional 3 MW. The Commission approved the expanded program in May of 2011 with the option for additional capacity should program funding allow. Later in 2011, the Commission approved an additional 0.25 MW for a total of 5.25 MW.

Under Consumers Energy's original EARP (Phase 1 and 2), customers receive a firm price (residential: $0.65 - $0.525/kWh and commercial: $0.45 - $0.375/kWh) for each kWh generated by the customer's solar generation system over a 12 year period. Phase 1 contracts began in September of 2009 paying $0.65/kWh for residential systems up to 20 kW and $0.45/kWh for commercial systems up to 150 kW. Phase II contracts began in May 2010 paying $0.525/kWh for residential systems up to 20 kW and $0.375/kWh for commercial systems up to 150 kW.

The 3.25 MW of capacity under the expanded program is split between residential and non-residential customers and will be awarded in Phases pertaining to the respective customer class. The price range is set between $0.20/kWh and $0.26/ kWh, which is dynamic; increasing or decreasing based on interest in prior Phases. Additionally, the Company offers a $0.001/kWh bonus for systems constructed using both Michigan labor and Michigan materials.

System size is limited to the customer's annual electricity use, similar to the net-metering program, which is a change from the original Phase 1 and 2 of the EARP that allowed for systems larger than customer use within the respective category. The program will continue to add new participants for three years from the original Commission approval and contracts will have 15 year terms or will expire at the end of the Renewable Energy Plan period in 2029, whichever comes first.

Consumers Energy has awarded contracts through four Phases under the expanded program (six Phases have been awarded including Phase 1 and Phase 2 of the original program). Two have been residential Phases and two have been non-residential Phases. Through May 2012, a total of 48 residential customers out of 109 applicants have been awarded

contracts totaling 253 kW. A total of 12 non-residential customers out of 84 applicants have been awarded contracts totaling 436.2 kW.

SolarCurrents

Detroit Edison's SolarCurrents 20 MW pilot program includes a 5 MW customer-owned program and a 15 MW company-owned program. In May 2011, Detroit Edison announced that the customer-owned program had become fully subscribed. On December 20, 2011, the Commission ordered MPSC Staff to convene a collaborative to explore opportunities for the continuation of the customer-owned SolarCurrents program. Pursuant to the collaborative, the Company has explained that it may consider an expansion in the 3rd quarter of 2012 if it is deemed reasonable based upon further review and management support.

The 5 MW customer-owned SolarCurrents program provides an up-front REC payment equal to $2.40/Watt of installed solar PV which is approximately half of the total system cost. The company purchases the remaining RECs through a monthly payment/on-bill credit equal to $0.11/kWh for 20 years. Similar to the expanded EARP, system size is limited to the customer's annual electricity use. The Company has contracted for 5,435 kW from 610 customers and 4,745 kW of that contracted capacity is currently installed.

Detroit Edison's 15 MW company-owned SolarCurrents program includes large scale solar PV projects (over 60 kW so far) that are either located on Detroit Edison or customer premises. Customers selected to host a solar PV project receive a one-time, upfront construction payment to cover any inconvenience during installation in addition to a continuing easement payment for the life of the installation. Pursuant to two separate competitive solicitations the Company contracted with Nova Consultants to construct all 15 MW of solar PV. The panels will be provided by McNaughton-McKay Electric Company and Inovatus Solar, LLC. Currently, eight projects are complete, totaling 2.79 MW of solar PV capacity. An additional seven projects are in the construction, design or feasibility process totaling over 5.37 MW of capacity.

Table 1 summarizes Michigan solar PV totals through calendar year 2011 for net metering and solar pilot programs.

Table 1: Michigan Solar PV Totals (Estimate through 2011)

Program	Number of Installations	Total Participating Solar Capacity kW
Solar Net Metering (includes Detroit Edison SolarCurrents customer-owned projects)	784	5,193
Experimental Advanced Renewable Program (EARP) Consumers Energy	102	2,020
SolarCurrents (Detroit Edison-owned projects)	8	2,793
Total	894	10,006 kW
Net metering data is based on 2011 electric provider annual reports filed with the MPSC. Consumers Energy EARP and Detroit Edison SolarCurrents (both customer and company owned) data estimates were provided by the companies.		

Table 2: PA 295 Program Size and Net Metering Participation
For Category 1: 20 kW and Under &
Category 2: Greater Than 20 kW - 150 kW Installations

Company	Category 1 Participation (No. of Customers)	Category 1 Nameplate Generation (kW)	Category 2 Participation (No. of Customers)	Category 2 Nameplate Generation (kW)
Alger Delta	13	39		
Alpena	19	54		
Cherryland	23	64		
Cloverland	28	87		
Consumers Energy	153	652		
Detroit Edison	585	4,483	4	128
Direct Energy	1	3		
Great Lakes Energy	42	173		
Homeworks Tri-County	8	29		
Indiana Michigan (AEP)	24	96		
Midwest	16	55		
Ontonagon	14	49		
Presque Isle	19	51		
Thumb	5	11		
Uppco	38	118		
We Energies	16	56		
WPSC	6	16		
Xcel	1	2		
Total	**1,011**	**6,038**	**4**	**128**

Source: 2011 Net Metering Reports Case U-15787

Table 3: PA 295 Net Metering Program Capacity
Category 1: 20 kW and Under

Company	No. of Customers	2010 In-State Peak Load (MW)	Cap 0.5% of 2009 Peak (kW)	Current Nameplate Generation (kW)	Space Remaining (kW)
Investor Owned Utilities					
Alpena	19	57	285	54	231
Consumers Energy	153	7,635	38,175	652	37,523
Detroit Edison	585	10,497	52,485	4,483	48,002
Indiana Michigan	24	905	4,525	96	4,429
Uppco	38	102	510	118	392
We Energies	16	341	1,705	56	1,649
WPSC	6	22	110	16	94
Xcel	1	30	150	2	148
Cooperative Utilities					
Alger Delta	13	-	-	39	-
Cherryland	23	-	-	64	-
Cloverland	28	147	735	87	648
Great Lakes	42	-	-	173	-
Midwest	16	139	695	55	640
Ontonagon	14	6	30	49	-
Presque Isle	19	47	235	51	183
Thumb	5	35	175	11	164
Tri County	8	-	-	29	-
Alternative Electric Suppliers					
Direct Energy	1			3	
TOTAL	**1,011**			**6,038**	

Alger Delta, Cherryland, Great Lakes and Tri-County are member-regulated cooperatives and are not required to offer net metering.
Source: 2011 Utility Annual Net Metering Reports.

Figure 1: Number of Michigan Net Metering Installations by Technology

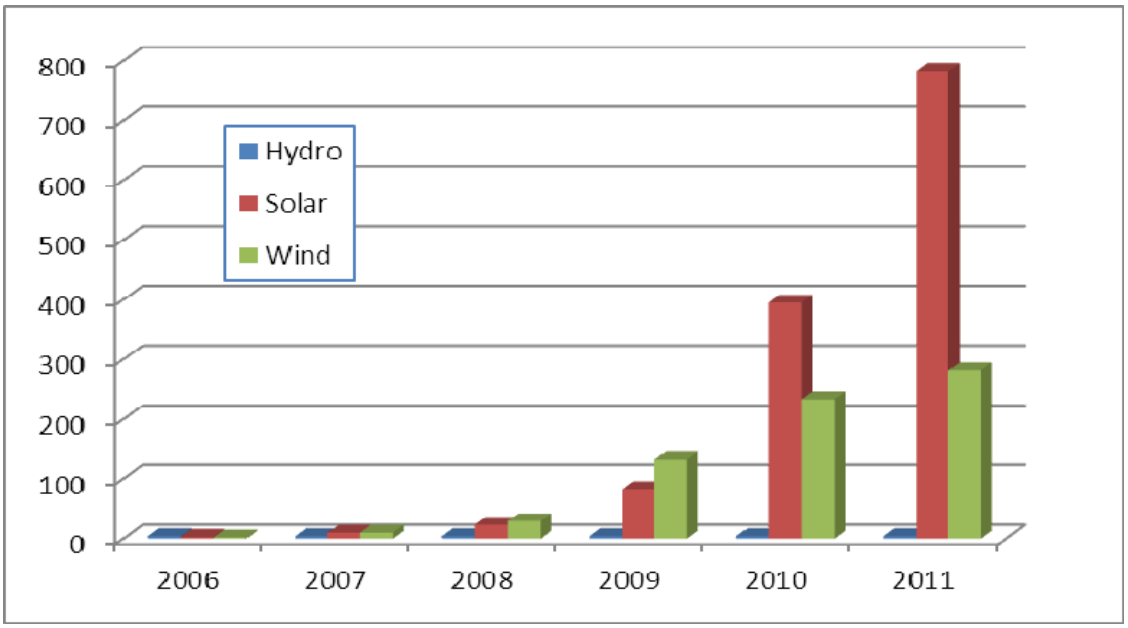


Figure 2: Number of Michigan Net Metering Customers

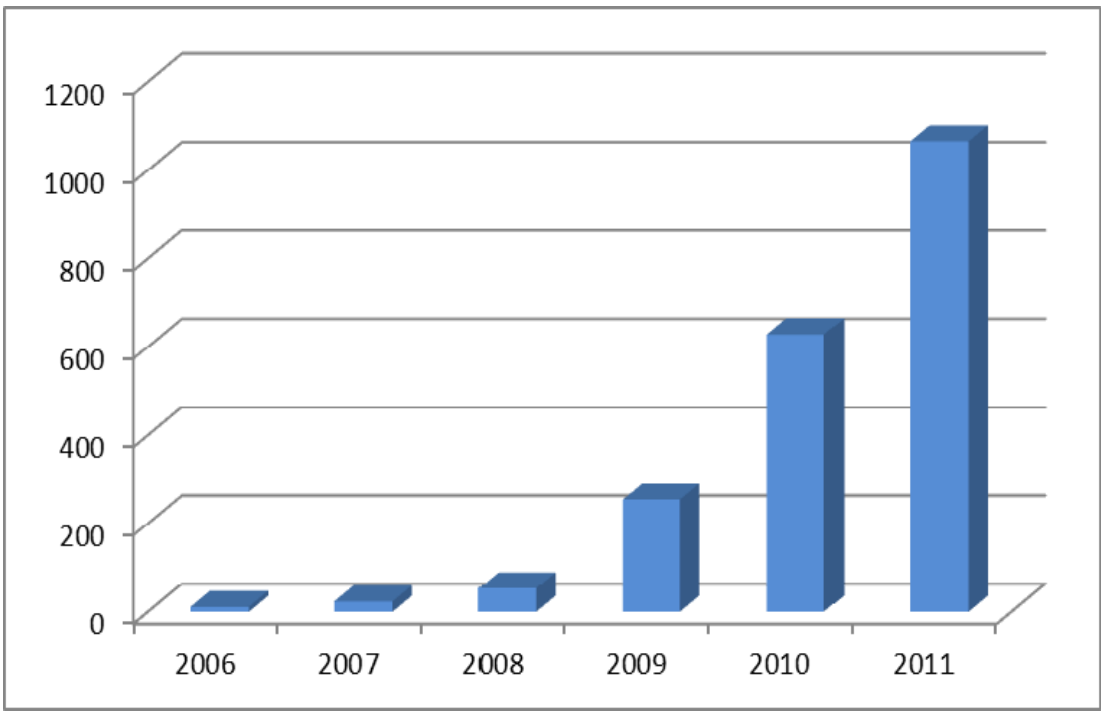


Figure 3: 2011 Net Metering Program - Installed Capacity (kW)

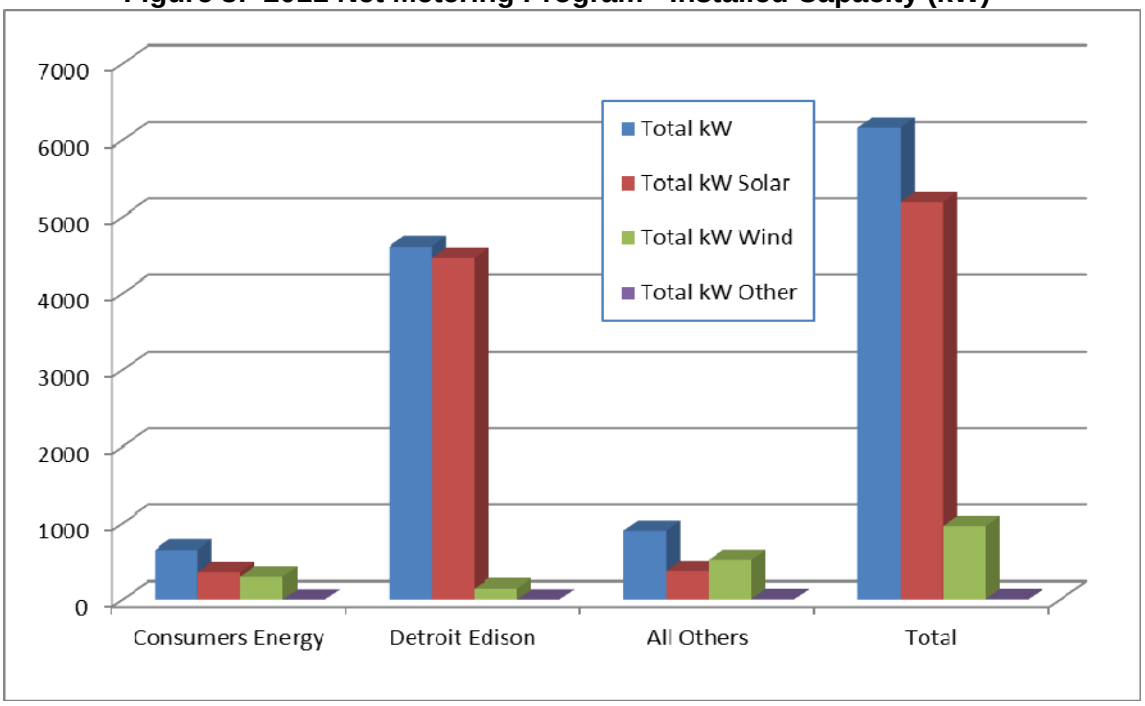
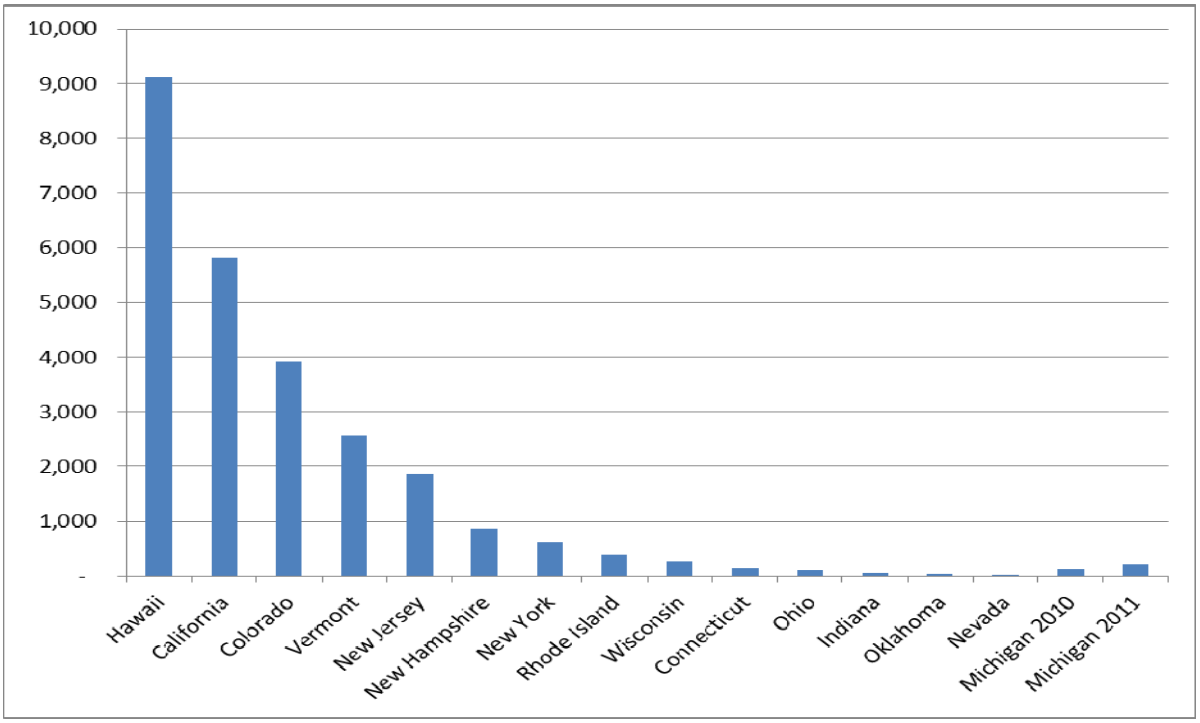
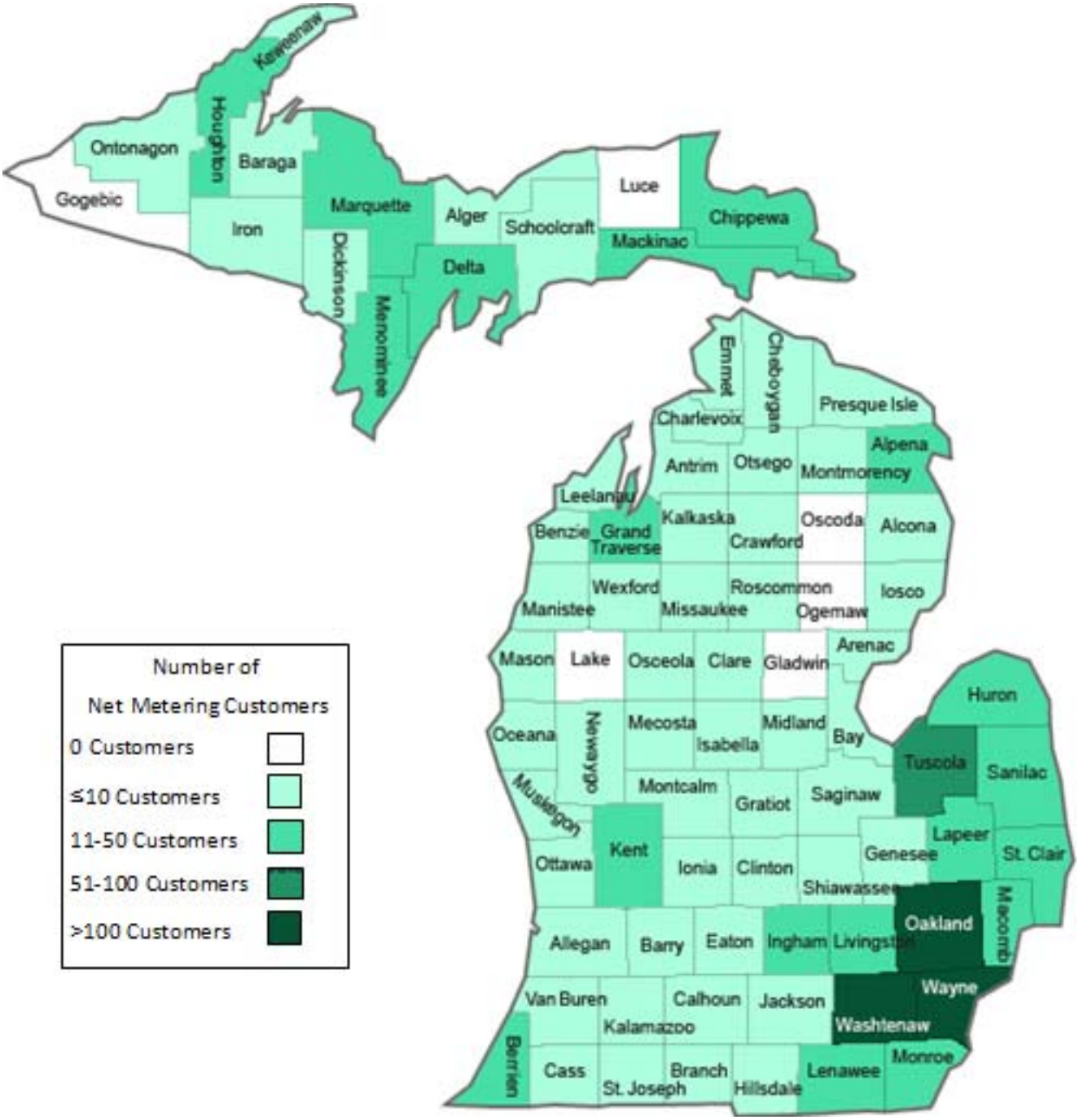


Figure 4: 2010 Net Metering Customers per Million Total Utility Customers – Selected States



Source: http://www.eia.gov/cneaf/electricity/page/eia861.html

Figure 5: Summary of Michigan Net Metering Customer Locations



Source: Zip codes of participating net metering customers are provided to MPSC Staff by Michigan electric providers. Customer identification information (name, address, account number, etc.) is confidential and protected from disclosure.

Appendix A

Net Metering Installations by Electric Provider, Year End 2011

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
1	1	Alger Delta	49858	August-03	Hydro	3
2	2	Alger Delta	49822	May-05	Wind	2.5
3	3	Alger Delta	49887	May-05	Solar	2
4	4	Alger Delta	49887	April-08	Wind	1.9
5	5	Alger Delta	49878	March-10	Wind	3.7
6	6	Alger Delta	49855	July-10	Solar	3.9
7	7	Alger Delta	49855	August-10	Solar	3.1
8	8	Alger Delta	49878	March-11	Solar	2
9	9	Alger Delta	49896	April-11	Solar	2
10	10	Alger Delta	49839	June-11	Solar	5.06
11	11	Alger Delta	49808	June-11	Solar	2.5
12	12	Alger Delta	49818	October-11	Solar	4.3
13	13	Alger Delta	49808	October-11	Solar	3.45
14	1	Alpena	49746	November-06	Solar	10
15	2	Alpena	49707	December-06	Wind	3
16	3	Alpena	49707	April-08	Wind	1.8
17	4	Alpena	49747	June-08	Wind	1.8
18	5	Alpena	49747	June-08	Wind	1.8
19	6	Alpena	49707	July-08	Wind	1.8
20	7	Alpena	49707	August-08	Wind	1.8
21	8	Alpena	49707	August-08	Wind	1.8
22	9	Alpena	49766	August-08	Wind	1.8
23	10	Alpena	49747	August-08	Wind	1.8
24	11	Alpena	49707	November-08	Wind	1.8
25	12	Alpena	49707	February-09	Wind	10
26	13	Alpena	49707	September-08	Wind	3.6
27	14	Alpena	49744	October-08	Wind	1.8
28	15	Alpena	49707	December-08	Wind	1.8
29	16	Alpena	49707	January-09	Wind	1.8
30	17	Alpena	49777	January-09	Wind	1.8
31	18	Alpena	49707	November-10	Wind	1.8
32	19	Alpena	49707	December-09	Wind	1.8
33	1	Cherryland	49643	January-07	Solar	0.6

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
34	2	Cherryland	49690	February-08	Solar	2
35	3	Cherryland	49684	June-08	Wind	1.8
36	4	Cherryland	49670	August-08	Wind	1.8
37	5	Cherryland	49570	May-08	Wind	2.4
38	6	Cherryland	49684	April-08	Wind	1.8
39	7	Cherryland	49686	October-08	Wind	1.8
40	8	Cherryland	49683	December-08	Wind	1.8
41	9	Cherryland	49684	December-08	Wind	2.4
42	10	Cherryland	49621	January-09	Wind	3.6
43	11	Cherryland	49621	January-09	Wind	1.8
44	12	Cherryland	49653	June-09	Wind	2.4
45	13	Cherryland	49686	August-09	Solar	2
46	14	Cherryland	49614	October-09	Wind	1.8
47	15	Cherryland	49653	September-09	Wind	12
48	16	Cherryland	49650	December-09	Wind	1.8
49	17A	Cherryland	49684	May-10	Wind	1.8
	17B	Cherryland	49684	May-10	Solar	2.2
50	18	Cherryland	49640	October-10	Solar	2.2
51	19	Cherryland	49643	September-10	Wind	1.8
52	20	Cherryland	49684	September-10	Solar	4.5
53	21	Cherryland	49617	January-11	Solar	3.4
54	22	Cherryland	49686	May-11	Solar	4
55	23	Cherryland	49653	November-11	Solar	2.5
56	1	Cloverland	49726	October-07	Wind	1.8
57	2	Cloverland	49783	July-08	Wind	2
58	3	Cloverland	49725	August-08	Wind	2.4
59	4	Cloverland	49783	September-08	Wind	1.8
60	5	Cloverland	49781	January-09	Wind	2
61	6	Cloverland	49715	April-09	Solar	2.4
62	7	Cloverland	49719	June-09	Wind	2.4
63	8	Cloverland	49719	June-09	Wind	2.4
64	9	Cloverland	49783	June-09	Wind	2.4
65	10	Cloverland	49840	July-09	Wind	2.4
66	11	Cloverland	49838	August-09	Wind	2.4
67	12	Cloverland	49783	October-09	Wind	2
68	13	Cloverland	49719	October-09	Solar	1.2
69	14	Cloverland	49783	November-09	Wind	1.2
70	15	Cloverland	49854	December-09	Wind	2.4
71	16	Cloverland	49715	December-09	Wind	2.4
72	17	Cloverland	49719	December-09	Wind	2.4

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
73	18	Cloverland	49719	January-10	Wind	4.8
74	19	Cloverland	49840	April-10	Wind	10
75	20	Cloverland	49854	April-10	Solar	0.85
76	21	Cloverland	49719	June-10	Wind	2.4
77	22	Cloverland	49715	June-10	Wind	10
78	23	Cloverland	49725	June-11	Wind	2.4
79	24	Cloverland	49127	June-11	Wind	2.4
80	25	Cloverland	49780	June-11	Wind	1
81	26	Cloverland	49783	August-11	Solar	1.5
82	27	Cloverland	49781	November-11	Solar	1.96
83	28A	Cloverland	49781	December-11	Wind	3.5
	28B	Cloverland	49781	December-11	Solar	10.56
84	1	Consumers Energy	48145	April-07	Wind	3.7
85	2	Consumers Energy	48653	August-09	Wind	3.7
86	3	Consumers Energy	49064	November-09	Wind	10
87	4	Consumers Energy	49201	July-10	Wind	2.4
88	5	Consumers Energy	49201	February-11	Wind	10
89	6	Consumers Energy	48439	August-11	Solar	18
90	7A	Consumers Energy	49232	December-11	Wind	2.5
	7B	Consumers Energy	49232	December-11	Solar	2.5
91	8	Consumers Energy	49630	April-10	Solar	2
92	9	Consumers Energy	48653	April-11	Solar	2.4
93	10	Consumers Energy	49635	August-07	Solar	1.8
94	11	Consumers Energy	48740	August-08	Wind	1.8
95	12	Consumers Energy	49058	August-08	Solar	5.8
96	13	Consumers Energy	49301	August-09	Solar	4
97	14	Consumers Energy	49058	August-09	Wind	1.2
98	15	Consumers Energy	48837	August-09	Wind	1.6
99	16	Consumers Energy	48762	August-09	Wind	3.7
100	17	Consumers Energy	49307	August-09	Wind	1.2
101	18	Consumers Energy	49068	August-10	Wind	2.4
102	19	Consumers Energy	49688	August-10	Wind	1.2
103	20	Consumers Energy	49686	August-10	Wind	6
104	21	Consumers Energy	48616	August-10	Wind	2.4
105	22	Consumers Energy	48625	August-10	Solar	4
106	23	Consumers Energy	48875	August-11	Solar	3.2
107	24	Consumers Energy	48420	August-11	Solar	2.4
108	25	Consumers Energy	48872	August-11	Wind	1.2
109	26	Consumers Energy	49060	August-11	Solar	1.41
110	27	Consumers Energy	49417	August-11	Solar	2.76

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
111	28	Consumers Energy	48855	August-11	Solar	3.2
112	29	Consumers Energy	49435	August-11	Solar	2.76
113	30	Consumers Energy	48436	August-11	Wind	10
114	31	Consumers Energy	49091	August-11	Solar	5
115	32	Consumers Energy	49284	December-09	Wind	1.8
116	33	Consumers Energy	48831	December-09	Wind	2.4
117	34	Consumers Energy	49068	December-09	Wind	2.4
118	35	Consumers Energy	49684	December-09	Solar	15.3
119	36	Consumers Energy	49701	December-09	Solar	2.1
120	37	Consumers Energy	49316	December-09	Solar	3.5
121	38	Consumers Energy	49504	December-10	Solar	3
122	39	Consumers Energy	49431	December-10	Wind	7.5
123	40	Consumers Energy	48823	December-10	Solar	3
124	41	Consumers Energy	49091	December-10	Solar	7
125	42	Consumers Energy	49337	December-10	Solar	5.5
126	43	Consumers Energy	49321	December-11	Solar	1.4
127	44A	Consumers Energy	49221	December-11	Wind	6
	44B	Consumers Energy	49221	December-11	Solar	0.86
128	45	Consumers Energy	48840	December-11	Solar	1.44
129	46	Consumers Energy	48473	December-11	Wind	4.8
130	47	Consumers Energy	49341	February-08	Solar	3
131	48	Consumers Energy	48838	February-08	Solar	3
132	49	Consumers Energy	48732	February-10	Wind	5
133	50	Consumers Energy	49686	February-10	Solar	4.4
134	51	Consumers Energy	48856	February-11	Wind	10
135	52A	Consumers Energy	49287	February-11	Wind	6
	52B	Consumers Energy	49287	February-11	Solar	2
136	53A	Consumers Energy	48866	February-11	Wind	1.2
	53B	Consumers Energy	48866	February-11	Solar	1.05
137	54	Consumers Energy	49621	January-07	Solar	5.5
138	55	Consumers Energy	49058	January-07	Wind	1.8
139	56	Consumers Energy	49421	January-08	Wind	1.8
140	57	Consumers Energy	48858	January-08	Solar	10
141	58	Consumers Energy	49096	January-10	Solar	5.5
142	59	Consumers Energy	48616	January-10	Wind	2.4
143	60	Consumers Energy	48742	January-10	Wind	2.4
144	61	Consumers Energy	48622	January-10	Wind	3
145	62	Consumers Energy	49686	January-10	Wind	2.3
146	63A	Consumers Energy	48623	January-10	Wind	10
	63B	Consumers Energy	48623	January-10	Solar	2.5

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
147	64	Consumers Energy	48838	January-11	Solar	12.24
148	65	Consumers Energy	48801	January-11	Solar	3
149	66	Consumers Energy	49601	July-08	Solar	2.5
150	67	Consumers Energy	49675	July-08	Wind	1.8
151	68	Consumers Energy	49284	July-09	Wind	10
152	69	Consumers Energy	48763	July-10	Wind	1.2
153	70	Consumers Energy	48646	July-10	Wind	2.4
154	71	Consumers Energy	49245	July-10	Solar	17.5
155	72	Consumers Energy	49240	July-11	Wind	10
156	73	Consumers Energy	49460	July-11	Solar	5.06
157	74	Consumers Energy	48854	July-11	Solar	3.29
158	75	Consumers Energy	48603	July-11	Solar	4.85
159	76A	Consumers Energy	48144	June-09	Wind	2.8
	76B	Consumers Energy	48144	June-09	Solar	5.5
160	77	Consumers Energy	48827	June-10	Solar	3.2
161	78	Consumers Energy	48623	June-11	Solar	6.1
162	79	Consumers Energy	49668	June-11	Solar	2.68
163	80	Consumers Energy	49341	March-07	Solar	2.5
164	81	Consumers Energy	49735	March-10	Wind	1.2
165	82	Consumers Energy	49345	March-10	Solar	1.8
166	83	Consumers Energy	48642	March-10	Solar	2.7
167	84	Consumers Energy	49701	March-11	Solar	6
168	85	Consumers Energy	49424	March-11	Solar	8.3
169	86	Consumers Energy	49546	May-07	Wind	3.7
170	87	Consumers Energy	48617	May-09	Solar	1.8
171	88	Consumers Energy	49267	May-10	Wind	2.2
172	89	Consumers Energy	49635	May-10	Solar	2.2
173	90	Consumers Energy	48747	May-11	Solar	3.84
174	91	Consumers Energy	49431	November-09	Wind	2.4
175	92	Consumers Energy	49253	November-09	Wind	1.2
176	93	Consumers Energy	49423	November-09	Wind	10
177	94	Consumers Energy	49503	November-09	Wind	1.2
178	95	Consumers Energy	49036	November-10	Wind	2.4
179	96	Consumers Energy	49686	November-10	Solar	1.8
180	97A	Consumers Energy	49341	November-10	Wind	4
	97B	Consumers Energy	49341	November-10	Solar	6
181	98	Consumers Energy	49256	November-10	Wind	10
182	99	Consumers Energy	49036	November-10	Solar	2.8
183	100	Consumers Energy	48430	November-10	Solar	2.4
184	101A	Consumers Energy	49024	November-10	Wind	0.9

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
	101B	Consumers Energy	49024	November-10	Solar	1.4
185	102	Consumers Energy	49548	November-10	Solar	3
186	103	Consumers Energy	49721	November-10	Wind	2.4
187	104	Consumers Energy	49721	November-10	Wind	2.4
188	105	Consumers Energy	48858	November-11	Wind	1.8
189	106	Consumers Energy	48118	November-11	Solar	4.6
190	107	Consumers Energy	49264	November-11	Solar	2
191	108	Consumers Energy	48801	November-11	Solar	5.76
192	109	Consumers Energy	49712	October-09	Solar	2
193	110	Consumers Energy	48854	October-09	Solar	0.84
194	111	Consumers Energy	49009	October-09	Solar	3
195	112	Consumers Energy	49235	October-09	Wind	2.4
196	113	Consumers Energy	49228	October-09	Wind	2.8
197	114	Consumers Energy	49348	October-09	Solar	1.1
198	115	Consumers Energy	49651	October-09	Wind	1.2
199	116	Consumers Energy	48823	October-09	Solar	7
200	117	Consumers Energy	48742	October-09	Wind	3.7
201	118	Consumers Energy	48460	October-09	Wind	3.7
202	119	Consumers Energy	49330	October-09	Wind	1.2
203	120	Consumers Energy	49636	October-09	Solar	6
204	121	Consumers Energy	49046	October-09	Solar	5
205	122	Consumers Energy	48858	October-09	Wind	1.8
206	123	Consumers Energy	48740	October-09	Wind	4.6
207	124	Consumers Energy	49408	October-09	Solar	3
208	125	Consumers Energy	49009	October-09	Solar	7.2
209	126	Consumers Energy	48858	October-10	Solar	2.1
210	127	Consumers Energy	48640	October-10	Solar	10
211	128A	Consumers Energy	49318	October-10	Wind	1.8
	128B	Consumers Energy	49318	October-10	Solar	0.95
212	129	Consumers Energy	48473	October-10	Solar	2
213	130	Consumers Energy	48867	October-10	Wind	2.4
214	131	Consumers Energy	49034	October-11	Wind	1.5
215	132	Consumers Energy	48451	October-11	Solar	6.4
216	133	Consumers Energy	48658	October-11	Solar	3.42
217	134	Consumers Energy	49646	October-11	Wind	0.4
218	135	Consumers Energy	48144	September-09	Wind	1.8
219	136	Consumers Energy	49316	September-09	Wind	1.2
220	137	Consumers Energy	49415	September-09	Wind	1.2
221	138	Consumers Energy	49424	September-09	Wind	2.4
222	139	Consumers Energy	48746	September-09	Wind	2.4

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
223	140	Consumers Energy	49412	September-09	Wind	1.2
224	141	Consumers Energy	49053	September-09	Solar	5
225	142	Consumers Energy	48616	September-09	Wind	2.4
226	143	Consumers Energy	49451	September-09	Wind	1.8
227	144	Consumers Energy	49660	September-10	Wind	1.2
228	145	Consumers Energy	48875	September-10	Wind	5.5
229	146	Consumers Energy	48867	September-10	Wind	2.4
230	147A	Consumers Energy	48158	September-10	Wind	5
	147B	Consumers Energy	48158	September-10	Solar	4
231	148	Consumers Energy	48436	September-11	Wind	10
232	149	Consumers Energy	49682	September-11	Solar	18
233	150	Consumers Energy	48436	September-11	Wind	10
234	151	Consumers Energy	48437	September-11	Wind	10
235	152	Consumers Energy	49330	September-11	Solar	1.6
236	153	Consumers Energy	49002	September-11	Solar	1.25
237	1	Detroit Edison	48001	March-11	Solar	1.258
238	2	Detroit Edison	48001	June-11	Solar	3.6
239	3	Detroit Edison	48001	July-10	Solar	1.52
240	4	Detroit Edison	48001	September-10	Solar	1.8
241	5	Detroit Edison	48002	June-11	Solar	7.021
242	6	Detroit Edison	48002	March-10	Solar	2.09
243	7	Detroit Edison	48006	December-09	Wind	2.4
244	8	Detroit Edison	48009	September-10	Solar	2.15
245	9	Detroit Edison	48009	July-11	Solar	4.546
246	10	Detroit Edison	48009	January-12	Solar	8.078
247	11	Detroit Edison	48014	February-11	Solar	19.008
248	12	Detroit Edison	48015	January-11	Solar	18.949
249	13	Detroit Edison	48017	April-11	Solar	8
250	14	Detroit Edison	48017	January-10	Solar	3.61
251	15	Detroit Edison	48021	May-10	Solar	1.52
252	16	Detroit Edison	48022	December-11	Solar	14
253	17	Detroit Edison	48022	September-08	Wind	2.4
254	18	Detroit Edison	48022	January-11	Solar	9.474
255	19	Detroit Edison	48023	November-10	Solar	4.8
256	20	Detroit Edison	48025	July-11	Solar	6
257	21	Detroit Edison	48025	February-10	Solar	2.09
258	22	Detroit Edison	48026	June-11	Solar	2.277
259	23	Detroit Edison	48026	March-11	Solar	2.138
260	24	Detroit Edison	48028	November-09	Wind	1.2
261	25	Detroit Edison	48028	March-11	Solar	4.56

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
262	26	Detroit Edison	48032	October-10	Solar	18.893
263	27	Detroit Edison	48033	November-09	Solar	9.677
264	28	Detroit Edison	48034	June-11	Solar	9.773
265	29	Detroit Edison	48035	October-10	Solar	5.7
266	30	Detroit Edison	48041	December-10	Solar	5.32
267	31	Detroit Edison	48042	July-10	Solar	1.915
268	32	Detroit Edison	48044	August-11	Solar	5.273
269	33	Detroit Edison	48045	July-11	Solar	5.985
270	34	Detroit Edison	48045	October-10	Solar	2.622
271	35	Detroit Edison	48047	March-10	Solar	2.941
272	36	Detroit Edison	48047	November-11	Solar	0.76
273	37	Detroit Edison	48050	May-11	Solar	19.008
274	38	Detroit Edison	48051	December-09	Solar	8.256
275	39	Detroit Edison	48059	November-10	Solar	7.22
276	40	Detroit Edison	48059	April-10	Solar	1.886
277	41A	Detroit Edison	48060	March-11	Solar	1.311
	41B	Detroit Edison	48060	March-11	Wind	12
278	42	Detroit Edison	48060	July-11	Solar	7.562
279	43	Detroit Edison	48063	September-11	Solar	10.83
280	44	Detroit Edison	48063	May-08	Wind	17
281	45	Detroit Edison	48064	November-10	Solar	3.6
282	46	Detroit Edison	48066	May-10	Solar	1.52
283	47	Detroit Edison	48066	June-10	Solar	5
284	48	Detroit Edison	48067	January-11	Solar	5.586
285	49	Detroit Edison	48067	May-11	Solar	18.994
286	50	Detroit Edison	48067	May-11	Solar	18.994
287	51	Detroit Edison	48071	March-11	Solar	4.9
288	52	Detroit Edison	48073	January-11	Solar	5.501
289	53	Detroit Edison	48074	June-10	Solar	4.9
290	54	Detroit Edison	48076	December-10	Solar	1.258
291	55	Detroit Edison	48079	August-08	Solar	3.84
292	56	Detroit Edison	48079	May-10	Solar	5.1
293	57	Detroit Edison	48079	June-10	Solar	9.076
294	58	Detroit Edison	48080	August-11	Solar	9.5
295	59	Detroit Edison	48082	April-11	Solar	5
296	60	Detroit Edison	48084	September-09	Solar	1.395
297	61	Detroit Edison	48084	July-11	Solar	2.232
298	62	Detroit Edison	48084	October-10	Solar	5.866
299	63	Detroit Edison	48084	July-10	Solar	5.7
300	64	Detroit Edison	48085	January-10	Solar	3.04

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
301	65	Detroit Edison	48092	June-11	Solar	17.5
302	66	Detroit Edison	48092	September-10	Solar	1.258
303	67	Detroit Edison	48093	August-11	Solar	3.9
304	68	Detroit Edison	48093	October-11	Solar	16
305	69	Detroit Edison	48094	June-11	Solar	5.455
306	70	Detroit Edison	48094	January-00	Solar	18.909
307	71	Detroit Edison	48095	November-10	Solar	8.8
308	72	Detroit Edison	48097	June-10	Solar	19.008
309	73	Detroit Edison	48097	June-11	Solar	14
310	74	Detroit Edison	48097	June-11	Solar	17.51
311	75	Detroit Edison	48097	August-11	Solar	12.403
312	76	Detroit Edison	48098	October-10	Solar	5.7
313	77	Detroit Edison	48098	May-11	Solar	8.26
314	78	Detroit Edison	48098	November-10	Solar	4.5
315	79	Detroit Edison	48101	October-10	Solar	2.033
316	80	Detroit Edison	48101	February-11	Solar	19.152
317	81	Detroit Edison	48103	April-11	Solar	5
318	82	Detroit Edison	48103	June-11	Solar	5.7
319	83	Detroit Edison	48103	July-10	Solar	2.808
320	84	Detroit Edison	48103	September-11	Solar	13.034
321	85	Detroit Edison	48103	December-10	Solar	8
322	86	Detroit Edison	48103	June-11	Solar	2.66
323	87	Detroit Edison	48103	June-11	Solar	8.16
324	88	Detroit Edison	48103	October-09	Solar	6.696
325	89	Detroit Edison	48103	December-10	Solar	10.314
326	90	Detroit Edison	48103	November-11	Solar	13.752
327	91	Detroit Edison	48103	November-10	Solar	1.885
328	92	Detroit Edison	48103	August-11	Solar	18.794
329	93	Detroit Edison	48103	September-11	Solar	11.172
330	94	Detroit Edison	48103	October-11	Solar	3.787
331	95	Detroit Edison	48103	August-11	Solar	3.182
332	96	Detroit Edison	48103	September-11	Solar	1.862
333	97	Detroit Edison	48103	January-11	Solar	1.9
334	98	Detroit Edison	48103	September-10	Solar	3.8
335	99A	Detroit Edison	48103	June-10	Solar	6.118
	99B	Detroit Edison	48103	October-10	Solar	1.33
336	100	Detroit Edison	48103	January-10	Wind	2.4
337	101	Detroit Edison	48103	April-11	Solar	2.636
338	102	Detroit Edison	48103	June-10	Solar	6.118
339	103	Detroit Edison	48103	January-11	Solar	5.455

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
340	104	Detroit Edison	48103	November-10	Solar	7.68
341	105	Detroit Edison	48103	March-11	Solar	1.021
342	106	Detroit Edison	48103	October-10	Solar	4.56
343	107	Detroit Edison	48103	December-10	Solar	6.24
344	108	Detroit Edison	48103	March-10	Solar	2.66
345	109	Detroit Edison	48103	June-11	Solar	6.08
346	110	Detroit Edison	48103	July-11	Solar	7.273
347	111	Detroit Edison	48103	January-11	Solar	5.819
348	112	Detroit Edison	48103	July-10	Solar	3.817
349	113A	Detroit Edison	48103	January-11	Solar	5.805
	113B	Detroit Edison	48103	June-11	Solar	1.786
350	114	Detroit Edison	48103	November-11	Solar	8.16
351	115	Detroit Edison	48103	July-10	Solar	5.13
352	116	Detroit Edison	48103	January-10	Wind	2.4
353	117	Detroit Edison	48103	September-07	Solar	3.255
354	118	Detroit Edison	48103	?/?/2008	Solar	1.68
355	119	Detroit Edison	48103	August-11	Solar	6.188
356	120	Detroit Edison	48103	August-11	Solar	6.188
357	121	Detroit Edison	48104	August-11	Solar	16.34
358	122	Detroit Edison	48104	January-10	Solar	1.442
359	123	Detroit Edison	48104	July-11	Solar	4.091
360	124	Detroit Edison	48104	December-11	Solar	4.75
361	125	Detroit Edison	48104	October-10	Solar	18.95
362	126	Detroit Edison	48104	June-11	Solar	6.251
363	127	Detroit Edison	48104	May-11	Solar	5.273
364	128	Detroit Edison	48104	December-10	Solar	2.232
365	129	Detroit Edison	48104	November-09	Solar	3.358
366	130	Detroit Edison	48104	August-10	Solar	3.61
367	131	Detroit Edison	48104	October-09	Solar	4
368	132	Detroit Edison	48104	October-09	Solar	2.1
369	133	Detroit Edison	48104	July-10	Solar	4.665
370	134	Detroit Edison	48104	February-11	Solar	6
371	135	Detroit Edison	48104	February-11	Solar	6
372	136	Detroit Edison	48105	December-10	Solar	4.18
373	137	Detroit Edison	48105	May-11	Solar	7.248
374	138A	Detroit Edison	48105	September-09	Solar	2.316
	138B	Detroit Edison	48105	May-10	Solar	2.567
375	139	Detroit Edison	48105	November-10	Solar	4.813
376	140	Detroit Edison	48105	July-11	Solar	4.278
377	141	Detroit Edison	48105	July-11	Solar	14.707

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
378	142	Detroit Edison	48105	April-11	Solar	4.699
379	143	Detroit Edison	48105	October-11	Solar	4.061
380	144	Detroit Edison	48105	December-10	Solar	7.41
381	145	Detroit Edison	48105	June-11	Solar	7.762
382	146	Detroit Edison	48108	July-11	Solar	7.144
383	147	Detroit Edison	48111	May-11	Solar	7.866
384	148	Detroit Edison	48111	August-10	Solar	6.555
385	149	Detroit Edison	48111	August-10	Solar	3.933
386	150	Detroit Edison	48111	November-11	Solar	19.187
387	151	Detroit Edison	48111	December-10	Solar	5.32
388	152	Detroit Edison	48114	June-10	Solar	4.56
389	153	Detroit Edison	48114	April-10	Solar	3.9
390	154	Detroit Edison	48116	October-11	Solar	18.909
391	155	Detroit Edison	48116	March-11	Solar	5.661
392	156	Detroit Edison	48116	January-11	Solar	4.416
393	157	Detroit Edison	48116	February-10	Solar	2.86
394	158	Detroit Edison	48116	December-10	Solar	2.208
395	159	Detroit Edison	48116	November-11	Solar	19.2
396	160	Detroit Edison	48116	September-10	Solar	4
397	161	Detroit Edison	48116	February-11	Solar	4.011
398	162	Detroit Edison	48117	January-11	Solar	4.775
399	163	Detroit Edison	48117	January-11	Solar	2.8
400	164	Detroit Edison	48118	September-10	Solar	4.75
401	165	Detroit Edison	48118	September-10	Solar	1.9
402	166	Detroit Edison	48118	December-11	Solar	14.861
403	167	Detroit Edison	48124	February-11	Solar	1.897
404	168	Detroit Edison	48124	April-11	Solar	4.56
405	169	Detroit Edison	48124	January-10	Solar	2.256
406	170	Detroit Edison	48124	January-11	Solar	2.727
407	171	Detroit Edison	48125	September-10	Solar	1.258
408	172	Detroit Edison	48126	July-11	Solar	17.878
409	173	Detroit Edison	48126	August-11	Solar	17.878
410	174	Detroit Edison	48126	August-11	Solar	17.964
411	175	Detroit Edison	48126	October-10	Solar	1.14
412	176	Detroit Edison	48127	May-11	Solar	2.375
413	177	Detroit Edison	48127	August-11	Solar	17.878
414	178	Detroit Edison	48130	July-11	Solar	2.233
415	179	Detroit Edison	48130	July-11	Solar	2.233
416	180	Detroit Edison	48130	May-11	Solar	11.365
417	181	Detroit Edison	48130	December-10	Solar	19

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
418	182	Detroit Edison	48130	May-10	Solar	3.61
419	183	Detroit Edison	48130	July-11	Solar	6.84
420	184	Detroit Edison	48130	October-10	Solar	7
421	185A	Detroit Edison	48130	June-10	Solar	5.32
	185B	Detroit Edison	48130	January-11	Solar	2.921
422	186	Detroit Edison	48130	December-10	Solar	7
423	187	Detroit Edison	48130	January-10	Solar	4.894
424	188	Detroit Edison	48130	December-10	Solar	1.021
425	189	Detroit Edison	48130	June-11	Solar	7.64
426	190	Detroit Edison	48130	August-07	Solar	1.96
427	191	Detroit Edison	48130	July-10	Solar	3.959
428	192	Detroit Edison	48131	December-10	Solar	5.272
429	193	Detroit Edison	48131	February-11	Solar	4.37
430	194	Detroit Edison	48135	November-10	Solar	2.554
431	195	Detroit Edison	48135	January-10	Solar	7.866
432	196	Detroit Edison	48135	October-11	Solar	17.964
433	197	Detroit Edison	48135	August-10	Solar	3.99
434	198	Detroit Edison	48137	August-11	Solar	4.89
435	199	Detroit Edison	48138	February-10	Solar	4.584
436	200	Detroit Edison	48141	November-10	Solar	1.258
437	201	Detroit Edison	48143	November-09	Solar	1.979
438	202	Detroit Edison	48146	January-11	Solar	2.128
439	203	Detroit Edison	48146	July-11	Solar	4
440	204	Detroit Edison	48146	January-11	Solar	11.163
441	205	Detroit Edison	48150	December-11	Solar	18
442	206	Detroit Edison	48150	December-11	Solar	19.187
443	207	Detroit Edison	48150	October-10	Solar	4.56
444	208	Detroit Edison	48150	May-11	Solar	1.069
445	209	Detroit Edison	48152	June-11	Solar	1.069
446	210	Detroit Edison	48152	October-10	Solar	2.85
447	211	Detroit Edison	48152	June-11	Solar	1.069
448	212	Detroit Edison	48152	October-10	Solar	1.934
449	213	Detroit Edison	48154	December-10	Solar	3.268
450	214	Detroit Edison	48154	November-10	Solar	5.52
451	215	Detroit Edison	48160	December-09	Wind	1.2
452	216	Detroit Edison	48160	September-10	Solar	5
453	217	Detroit Edison	48160	January-11	Solar	4.731
454	218	Detroit Edison	48161	March-11	Solar	18.894
455	219	Detroit Edison	48162	September-10	Solar	0.181
456	220	Detroit Edison	48162	June-10	Solar	3.868

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
457	221	Detroit Edison	48162	January-10	Solar	2.647
458	222A	Detroit Edison	48164	December-09	Solar	2.7
	222B	Detroit Edison	48164	February-10	Solar	1.8
459	223	Detroit Edison	48164	October-10	Solar	3.84
460	224	Detroit Edison	48164	August-10	Solar	3.791
461	225	Detroit Edison	48165	July-11	Solar	3.42
462	226A	Detroit Edison	48166	June-11	Solar	5.866
	226B	Detroit Edison	48166	June-11	Solar	2.447
463	227	Detroit Edison	48166	July-10	Solar	4.858
464	228	Detroit Edison	48167	December-09	Solar	5
465	229	Detroit Edison	48168	November-10	Solar	2.277
466	230	Detroit Edison	48168	December-10	Solar	8.36
467	231	Detroit Edison	48168	December-10	Solar	7.95
468	232	Detroit Edison	48169	January-11	Solar	1.021
469	233	Detroit Edison	48169	November-10	Solar	2.66
470	234	Detroit Edison	48169	August-10	Solar	1.021
471	235	Detroit Edison	48169	September-10	Solar	4.6
472	236	Detroit Edison	48169	June-10	Solar	4.589
473	237	Detroit Edison	48170	April-11	Solar	2.185
474	238	Detroit Edison	48170	October-10	Solar	5.415
475	239	Detroit Edison	48170	October-10	Solar	3.36
476	240	Detroit Edison	48170	October-10	Solar	5.157
477	241	Detroit Edison	48170	January-10	Solar	6.816
478	242	Detroit Edison	48170	August-11	Solar	6.84
479	243	Detroit Edison	48170	March-10	Solar	7.5
480	244	Detroit Edison	48170	October-10	Solar	17.964
481	245	Detroit Edison	48170	August-10	Solar	1.021
482	246	Detroit Edison	48174	October-11	Solar	15.758
483	247	Detroit Edison	48176	July-11	Solar	8.74
484	248	Detroit Edison	48176	September-11	Solar	3.933
485	249	Detroit Edison	48176	November-10	Solar	10
486	250	Detroit Edison	48176	August-11	Solar	4.465
487	251	Detroit Edison	48176	March-11	Solar	4.465
488	252	Detroit Edison	48176	September-10	Solar	3.8
489	253A	Detroit Edison	48176	July-10	Solar	2.7
	253B	Detroit Edison	48176	February-11	Solar	2.7
490	254	Detroit Edison	48176	September-09	Solar	1.885
491	255	Detroit Edison	48176	April-11	Solar	2.581
492	256	Detroit Edison	48178	March-11	Solar	2.8
493	257	Detroit Edison	48178	November-10	Solar	4

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
494	258	Detroit Edison	48178	November-10	Solar	2.197
495	259	Detroit Edison	48178	December-09	Solar	2.09
496	260	Detroit Edison	48178	February-10	Solar	1.995
497	261	Detroit Edison	48179	June-11	Solar	3.011
498	262	Detroit Edison	48179	September-11	Solar	7
499	263	Detroit Edison	48180	January-10	Solar	4.435
500	264	Detroit Edison	48180	January-10	Solar	2.632
501	265A	Detroit Edison	48180	November-09	Solar	4
	265B	Detroit Edison	48180	November-09	Wind	1.8
502	266	Detroit Edison	48183	July-11	Solar	2.604
503	267	Detroit Edison	48183	September-11	Solar	7
504	268	Detroit Edison	48183	July-11	Solar	18
505	269	Detroit Edison	48183	September-11	Solar	5.681
506	270	Detroit Edison	48184	August-11	Solar	2.8
507	271	Detroit Edison	48184	March-11	Solar	2.138
508	272	Detroit Edison	48185	February-10	Solar	2.508
509	273	Detroit Edison	48185	September-10	Solar	5.7
510	274	Detroit Edison	48185	April-11	Solar	1.258
511	275	Detroit Edison	48186	January-11	Solar	1.277
512	276	Detroit Edison	48187	February-11	Solar	7.866
513	277	Detroit Edison	48187	July-11	Solar	5.228
514	278	Detroit Edison	48187	February-08	Solar	1.885
515	279	Detroit Edison	48187	July-11	Solar	4.706
516	280	Detroit Edison	48187	May-11	Solar	4.899
517	281	Detroit Edison	48187	August-10	Solar	4.94
518	282	Detroit Edison	48187	July-11	Solar	3.8
519	283	Detroit Edison	48187	November-10	Solar	17.878
520	284	Detroit Edison	48187	December-11	Solar	18.96
521	285	Detroit Edison	48188	March-11	Solar	4.083
522	286	Detroit Edison	48188	August-10	Solar	1.095
523	287	Detroit Edison	48188	January-10	Solar	4
524	288	Detroit Edison	48188	January-11	Solar	1.987
525	289	Detroit Edison	48188	December-10	Solar	3
526	290	Detroit Edison	48188	December-10	Solar	5.3
527	291	Detroit Edison	48188	October-11	Solar	6.46
528	292	Detroit Edison	48189	November-10	Solar	4.9
529	293	Detroit Edison	48189	October-11	Solar	3.01
530	294	Detroit Edison	48189	September-09	Solar	3.77
531	295	Detroit Edison	48189	February-11	Solar	19.162
532	296	Detroit Edison	48189	March-11	Solar	19.162

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
533	297	Detroit Edison	48189	January-11	Solar	2.8
534	298	Detroit Edison	48189	January-11	Solar	3.278
535	299A	Detroit Edison	48192	December-09	Solar	1.33
	299B	Detroit Edison	48192	December-09	Solar	10.044
536	300	Detroit Edison	48193	November-10	Solar	2.277
537	301	Detroit Edison	48193	August-10	Solar	2.993
538	302	Detroit Edison	48195	November-10	Solar	2.632
539	303	Detroit Edison	48195	January-10	Solar	5.348
540	304	Detroit Edison	48195	January-11	Solar	2.86
541	305	Detroit Edison	48195	August-10	Solar	2.106
542	306	Detroit Edison	48197	July-11	Solar	2.063
543	307	Detroit Edison	48197	July-11	Solar	1.375
544	308	Detroit Edison	48197	July-10	Solar	2.074
545	309	Detroit Edison	48197	March-10	Solar	3.64
546	310	Detroit Edison	48197	March-11	Solar	4.412
547	311	Detroit Edison	48197	March-10	Solar	2.337
548	312	Detroit Edison	48197	August-11	Solar	5.645
549	313A	Detroit Edison	48197	January-10	Wind	2.4
	313B	Detroit Edison	48197	October-10	Solar	2.9
550	314	Detroit Edison	48197	August-11	Solar	5.455
551	315	Detroit Edison	48197	July-11	Solar	9.12
552	316	Detroit Edison	48198	November-10	Solar	5.76
553	317A	Detroit Edison	48198	January-08	Solar	0.665
	317B	Detroit Edison	48198	November-09	Solar	1.444
554	318	Detroit Edison	48198	July-11	Solar	18.982
555	319	Detroit Edison	48198	July-10	Solar	7.296
556	320	Detroit Edison	48198	February-10	Solar	2.079
557	321	Detroit Edison	48201	July-10	Solar	13.2
558	322	Detroit Edison	48201	January-10	Solar	2.375
559	323A	Detroit Edison	48202	April-10	Solar	4.756
	323B	Detroit Edison	48202	April-10	Solar	4.756
	323C	Detroit Edison	48202	April-10	Wind	10
560	324	Detroit Edison	48212	September-11	Solar	19.238
561	325	Detroit Edison	48213	June-11	Solar	18.791
562	326	Detroit Edison	48220	March-10	Solar	2.185
563	327	Detroit Edison	48221	October-10	Solar	17.964
564	328	Detroit Edison	48228	November-10	Solar	1.987
565	329	Detroit Edison	48230	July-10	Solar	1.258
566	330	Detroit Edison	48230	October-10	Solar	1.9
567	331A	Detroit Edison	48230	September-11	Solar	6.65

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
	331B	Detroit Edison	48230	September-11	Solar	3.164
568	332	Detroit Edison	48236	October-11	Solar	3.84
569	333	Detroit Edison	48236	June-11	Solar	8.707
570	334	Detroit Edison	48239	August-11	Solar	8.862
571	335	Detroit Edison	48299	September-11	Solar	18.215
572	336	Detroit Edison	48301	November-10	Solar	2.375
573	337	Detroit Edison	48301	January-11	Solar	4.292
574	338	Detroit Edison	48301	April-11	Solar	3.656
575	339	Detroit Edison	48302	November-10	Solar	5.5
576	340	Detroit Edison	48302	December-11	Solar	2.579
577	341	Detroit Edison	48302	December-11	Solar	3.888
578	342	Detroit Edison	48302	March-11	Solar	5.5
579	343	Detroit Edison	48302	May-08	Solar	2.85
580	344	Detroit Edison	48302	February-11	Solar	7.95
581	345	Detroit Edison	48306	February-10	Solar	4.775
582	346	Detroit Edison	48306	November-10	Solar	3.9
583	347	Detroit Edison	48306	January-10	Solar	4.807
584	348	Detroit Edison	48307	March-11	Solar	8
585	349	Detroit Edison	48307	September-10	Solar	1.258
586	350	Detroit Edison	48309	December-10	Solar	4.32
587	351	Detroit Edison	48310	June-10	Wind	3
588	352	Detroit Edison	48312	November-10	Solar	1.14
589	353	Detroit Edison	48312	May-11	Solar	5.13
590	354	Detroit Edison	48313	February-11	Solar	2.185
591	355	Detroit Edison	48317	November-10	Solar	3
592	356	Detroit Edison	48322	September-10	Solar	2.277
593	357	Detroit Edison	48322	March-10	Solar	0.971
594	358	Detroit Edison	48322	December-10	Solar	5.13
595	359	Detroit Edison	48323	September-10	Solar	8
596	360	Detroit Edison	48324	October-10	Solar	3.04
597	361	Detroit Edison	48324	July-10	Solar	1.461
598	362	Detroit Edison	48324	November-10	Solar	5
599	363	Detroit Edison	48324	June-10	Solar	3.9
600	364	Detroit Edison	48326	March-11	Solar	3.888
601	365	Detroit Edison	48327	November-11	Solar	8.23
602	366	Detroit Edison	48328	May-11	Solar	6.876
603	367	Detroit Edison	48329	September-11	Solar	4.56
604	368	Detroit Edison	48329	November-10	Solar	2.28
605	369	Detroit Edison	48329	June-10	Solar	1.021
606	370A	Detroit Edison	48329	August-10	Solar	4.666

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
	370B	Detroit Edison	48329	August-10	Wind	1
607	371	Detroit Edison	48329	October-10	Solar	8.55
608	372	Detroit Edison	48331	July-10	Solar	13.8
609	373	Detroit Edison	48331	October-09	Solar	3.916
610	374	Detroit Edison	48334	September-11	Solar	0.944
611	375	Detroit Edison	48334	August-10	Solar	4.646
612	376	Detroit Edison	48334	February-11	Solar	3
613	377	Detroit Edison	48335	April-11	Solar	17.5
614	378	Detroit Edison	48335	September-10	Solar	3.8
615	379	Detroit Edison	48335	August-11	Solar	3.84
616	380	Detroit Edison	48335	December-10	Solar	3.42
617	381	Detroit Edison	48336	November-10	Solar	8.243
618	382	Detroit Edison	48336	January-11	Solar	18.014
619	383	Detroit Edison	48336	November-10	Solar	3.42
620	384	Detroit Edison	48342	December-09	Solar	2.375
621	385	Detroit Edison	48342	August-10	Solar	2.279
622	386	Detroit Edison	48346	August-10	Solar	2.85
623	387A	Detroit Edison	48346	December-09	Solar	1.414
	387B	Detroit Edison	48346	September-11	Solar	3.209
624	388	Detroit Edison	48346	July-10	Solar	3.42
625	389	Detroit Edison	48346	September-10	Solar	4.589
626	390	Detroit Edison	48348	September-10	Solar	3.715
627	391	Detroit Edison	48348	December-10	Solar	6.446
628	392	Detroit Edison	48348	December-11	Solar	18.871
629	393	Detroit Edison	48348	September-10	Solar	3.61
630	394	Detroit Edison	48348	January-11	Solar	8.251
631	395	Detroit Edison	48350	May-11	Solar	6.5
632	396A	Detroit Edison	48350	March-10	Solar	7
	396B	Detroit Edison	48350	March-10	Solar	5.338
633	397	Detroit Edison	48353	June-11	Solar	1.258
634	398	Detroit Edison	48353	June-11	Solar	4.489
635	399	Detroit Edison	48356	February-11	Solar	4.8
636	400	Detroit Edison	48360	June-11	Solar	1.258
637	401	Detroit Edison	48362	July-11	Solar	3.5
638	402	Detroit Edison	48363	March-11	Solar	3.42
639	403	Detroit Edison	48367	June-10	Wind	2.4
640	404	Detroit Edison	48367	February-10	Wind	1
641	405	Detroit Edison	48367	April-10	Wind	3.8
642	406	Detroit Edison	48370	January-10	Wind	2.4
643	407	Detroit Edison	48370	April-10	Solar	10

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
644	408	Detroit Edison	48371	September-10	Solar	4.275
645	409	Detroit Edison	48371	February-11	Solar	4
646	410	Detroit Edison	48371	November-10	Solar	8
647	411	Detroit Edison	48371	November-10	Solar	3.42
648	412A	Detroit Edison	48371	May-10	Solar	2.166
	412B	Detroit Edison	48371	May-10	Wind	2.5
649	413	Detroit Edison	48374	April-10	Solar	5.826
650	414A	Detroit Edison	48374	April-10	Solar	4.298
	414B	Detroit Edison	48374	November-11	Solar	4.298
651	415	Detroit Edison	48374	December-10	Solar	7
652	416	Detroit Edison	48375	March-10	Solar	12
653	417	Detroit Edison	48375	November-11	Solar	3.44
654	418	Detroit Edison	48380	November-11	Solar	1.742
655	419	Detroit Edison	48380	January-10	Solar	10
656	420	Detroit Edison	48380	May-10	Solar	2.277
657	421	Detroit Edison	48381	March-10	Solar	4.9
658	422	Detroit Edison	48381	December-10	Solar	4.641
659	423	Detroit Edison	48382	October-10	Solar	4.085
660	424	Detroit Edison	48382	December-10	Solar	4.813
661	425	Detroit Edison	48383	September-09	Solar	3.64
662	426	Detroit Edison	48383	November-10	Solar	14.4
663	427A	Detroit Edison	48383	December-09	Solar	3.515
	427B	Detroit Edison	48383	December-10	Solar	1.311
664	428	Detroit Edison	48386	June-10	Solar	8.36
665	429	Detroit Edison	48386	September-10	Solar	2.277
666	430	Detroit Edison	48390	November-10	Solar	1.258
667	431	Detroit Edison	48393	May-11	Solar	19.05
668	432	Detroit Edison	48393	April-11	Solar	2.28
669	433	Detroit Edison	48413	October-10	Solar	19.008
670	434	Detroit Edison	48413	January-11	Solar	19.008
671	435	Detroit Edison	48413	September-10	Solar	19.008
672	436	Detroit Edison	48413	August-11	Solar	18.989
673	437	Detroit Edison	48413	December-09	Solar	18.978
674	438	Detroit Edison	48413	August-11	Solar	18.989
675	439	Detroit Edison	48416	July-11	Solar	19.152
676	440	Detroit Edison	48416	May-11	Solar	19.152
677	441	Detroit Edison	48416	October-11	Solar	19.152
678	442	Detroit Edison	48416	May-11	Solar	7
679	443	Detroit Edison	48416	January-11	Solar	5
680	444	Detroit Edison	48416	December-11	Solar	19.008

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
681	445	Detroit Edison	48421	May-10	Solar	3.206
682	446	Detroit Edison	48428	October-10	Solar	18.62
683	447	Detroit Edison	48441	November-10	Solar	19.008
684	448	Detroit Edison	48441	August-11	Solar	17.505
685	449	Detroit Edison	48441	August-11	Solar	18
686	450	Detroit Edison	48441	June-11	Solar	18
687	451	Detroit Edison	48442	December-10	Solar	4.928
688	452	Detroit Edison	48442	November-10	Solar	4.9
689	453	Detroit Edison	48442	June-11	Solar	5
690	454	Detroit Edison	48444	June-11	Solar	19.152
691	455	Detroit Edison	48444	February-11	Solar	19.008
692	456	Detroit Edison	48445	February-10	Solar	19.008
693	457	Detroit Edison	48446	August-10	Solar	4.9
694	458	Detroit Edison	48446	October-09	Wind	2.4
695	459	Detroit Edison	48446	July-10	Solar	5.13
696	460	Detroit Edison	48446	May-11	Wind	4.825
697	461	Detroit Edison	48446	October-10	Wind	5.3075
698	462	Detroit Edison	48446	February-10	Solar	2.88
699	463	Detroit Edison	48453	October-10	Solar	19.008
700	464A	Detroit Edison	48453	October-11	Solar	7
	464B	Detroit Edison	48453	October-11	Wind	2.4
701	465	Detroit Edison	48454	October-11	Solar	12.586
702	466	Detroit Edison	48455	August-10	Solar	3.04
703	467	Detroit Edison	48455	January-11	Solar	4.807
704	468	Detroit Edison	48456	February-11	Solar	18.144
705	469	Detroit Edison	48456	August-11	Solar	19.152
706	470	Detroit Edison	48456	September-11	Solar	9.614
707	471	Detroit Edison	48456	January-11	Solar	18.662
708	472	Detroit Edison	48456	December-10	Solar	3.5
709	473	Detroit Edison	48456	April-11	Solar	18.989
710	474	Detroit Edison	48461	November-10	Solar	2.232
711	475	Detroit Edison	48461	December-10	Solar	2.9
712	476	Detroit Edison	48461	January-11	Solar	2.277
713	477	Detroit Edison	48462	November-10	Solar	4.8
714	478	Detroit Edison	48462	November-10	Solar	12.365
715	479	Detroit Edison	48462	December-09	Solar	2.86
716	480	Detroit Edison	48462	December-10	Solar	3.8
717	481	Detroit Edison	48462	August-10	Solar	2.326
718	482	Detroit Edison	48464	August-10	Wind	2.4
719	483A	Detroit Edison	48467	July-09	Solar	1.316

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
	483B	Detroit Edison	48467	March-11	Solar	1.316
720	484	Detroit Edison	48470	November-10	Solar	13.824
721	485	Detroit Edison	48470	November-10	Solar	19.008
722	486	Detroit Edison	48471	September-09	Wind	2.4
723	487	Detroit Edison	48471	February-10	Solar	19.008
724	488	Detroit Edison	48471	December-10	Solar	19.008
725	489	Detroit Edison	48471	December-10	Solar	19.008
726	490	Detroit Edison	48471	June-11	Solar	19.008
727	491	Detroit Edison	48471	December-11	Solar	19.008
728	492	Detroit Edison	48472	September-10	Solar	19.008
729	493	Detroit Edison	48472	August-10	Solar	19.008
730	494	Detroit Edison	48472	June-08	Wind	0.3
731	495A	Detroit Edison	48472	September-10	Solar	5.76
	495B	Detroit Edison	48472	September-10	Solar	12.365
732	496	Detroit Edison	48475	November-10	Solar	19.008
733	497	Detroit Edison	48701	November-11	Solar	19.008
734	498	Detroit Edison	48701	August-11	Solar	8
735	499	Detroit Edison	48701	July-11	Solar	18.989
736	500	Detroit Edison	48701	July-11	Solar	18.989
737	501	Detroit Edison	48701	June-11	Solar	18.989
738	502	Detroit Edison	48720	January-10	Wind	3
739	503	Detroit Edison	48720	November-09	Wind	1.8
740	504	Detroit Edison	48720	January-11	Solar	18.989
741	505	Detroit Edison	48720	December-11	Solar	19.008
742	506	Detroit Edison	48720	August-11	Solar	9.31
743	507	Detroit Edison	48723	January-11	Solar	8
744	508	Detroit Edison	48723	October-11	Solar	18.989
745	509	Detroit Edison	48723	October-11	Solar	18.989
746	510	Detroit Edison	48723	May-10	Solar	2.469
747	511	Detroit Edison	48723	January-11	Solar	6.739
748	512	Detroit Edison	48723	September-08	Wind	2.4
749	513	Detroit Edison	48723	September-08	Wind	1.9
750	514	Detroit Edison	48723	October-11	Solar	16.159
751	515	Detroit Edison	48723	March-11	Solar	7
752	516	Detroit Edison	48723	November-11	Solar	6.72
753	517	Detroit Edison	48723	January-11	Solar	4.032
754	518	Detroit Edison	48726	March-11	Solar	9.889
755	519	Detroit Edison	48726	October-11	Solar	19.152
756	520	Detroit Edison	48726	August-11	Solar	18
757	521	Detroit Edison	48726	August-11	Solar	3.091

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
758	522	Detroit Edison	48726	August-11	Solar	18.891
759	523	Detroit Edison	48726	October-11	Solar	14.213
760	524	Detroit Edison	48726	October-11	Solar	13.536
761	525	Detroit Edison	48726	August-08	Wind	10
762	526	Detroit Edison	48726	December-09	Wind	2.4
763	527	Detroit Edison	48726	November-11	Solar	8.595
764	528	Detroit Edison	48727	November-11	Solar	18.989
765	529A	Detroit Edison	48729	July-10	Solar	6.912
	529B	Detroit Edison	48729	November-11	Solar	2.993
766	530	Detroit Edison	48731	October-10	Solar	18.917
767	531	Detroit Edison	48731	December-10	Solar	14.4
768	532	Detroit Edison	48733	November-10	Solar	19.008
769	533	Detroit Edison	48733	August-11	Solar	18.989
770	534	Detroit Edison	48733	May-11	Solar	16
771	535	Detroit Edison	48733	September-11	Solar	18.989
772	536	Detroit Edison	48733	August-11	Solar	18.989
773	537	Detroit Edison	48733	August-11	Solar	18.989
774	538	Detroit Edison	48733	August-11	Solar	18.989
775	539	Detroit Edison	48733	August-11	Solar	18.989
776	540	Detroit Edison	48733	November-11	Solar	14
777	541	Detroit Edison	48733	July-11	Solar	18.989
778	542	Detroit Edison	48733	July-11	Solar	19.814
779	543	Detroit Edison	48733	July-11	Solar	18.989
780	544	Detroit Edison	48733	November-10	Solar	13.824
781	545	Detroit Edison	48741	September-11	Solar	19.2
782	546	Detroit Edison	48741	June-11	Solar	6.768
783	547	Detroit Edison	48744	August-11	Solar	11.52
784	548	Detroit Edison	48744	August-11	Solar	2.375
785	549	Detroit Edison	48744	December-11	Solar	19.008
786	550	Detroit Edison	48746	December-11	Wind	2.4
787	551	Detroit Edison	48755	September-11	Solar	19.008
788	552	Detroit Edison	48755	October-06	Wind	10
789	553	Detroit Edison	48755	September-10	Solar	19.008
790	554A	Detroit Edison	48755	October-06	Wind	10
	554B	Detroit Edison	48755	February-10	Solar	2.185
791	555	Detroit Edison	48755	July-11	Solar	19.008
792	556A	Detroit Edison	48755	November-11	Solar	14.25
	556B	Detroit Edison	48755	November-11	Solar	4.693
793	557	Detroit Edison	48755	February-11	Solar	18.989
794	558	Detroit Edison	48755	July-11	Solar	9.665

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
795	559	Detroit Edison	48757	November-11	Solar	19.008
796	560	Detroit Edison	48757	December-11	Solar	19.008
797	561	Detroit Edison	48757	June-11	Solar	18.989
798	562	Detroit Edison	48757	July-11	Solar	18.989
799	563	Detroit Edison	48760	August-11	Solar	18.891
800	564	Detroit Edison	48768	September-11	Solar	18.989
801	565	Detroit Edison	48768	May-11	Solar	18.989
802	566	Detroit Edison	48768	November-09	Wind	2.4
803	567	Detroit Edison	48836	July-11	Solar	4.374
804	568	Detroit Edison	48843	June-10	Solar	3.04
805	569	Detroit Edison	48843	January-10	Solar	1.932
806	570A	Detroit Edison	48843	September-10	Wind	1.2
	570B	Detroit Edison	48843	September-10	Solar	8.3
807	571	Detroit Edison	48843	August-08	Wind	2.4
808	572	Detroit Edison	48843	December-10	Solar	3.533
809	573	Detroit Edison	48843	December-09	Solar	3.9
810	574	Detroit Edison	48843	April-10	Solar	5.134
811	575	Detroit Edison	48855	May-10	Solar	4.489
812	576	Detroit Edison	48872	November-10	Solar	6.182
813	577	Detroit Edison	48892	September-09	Wind	1.8
814	578	Detroit Edison	48895	October-11	Solar	4.937
815	579	Detroit Edison	48895	August-10	Solar	3.9
816	580	Detroit Edison	48895	March-10	Solar	1.509
817	581A	Detroit Edison	48895	April-07	Wind	2.4
	581B	Detroit Edison	48895	Unknown	Solar	2.461
818	582	Detroit Edison	49197	February-11	Solar	18.215
819	583	Detroit Edison	49236	May-11	Solar	2.277
820	584A	Detroit Edison	49236	December-10	Solar	5.414
	584B	Detroit Edison	49236	December-10	Solar	10.829
821	585	Detroit Edison	49270	January-10	Solar	3.149
822	586	Detroit Edison	48047	October-11	Solar	26.4
823	587A	Detroit Edison	48118	November-11	Solar	10
	587B	Detroit Edison	48118	November-11	Solar	18
824	588A	Detroit Edison	48134	December-10	Solar	18.451
	588B	Detroit Edison	48134	December-10	Solar	18.952
	588C	Detroit Edison	48134	December-10	Solar	9.626
825	589A	Detroit Edison	48211	December-10	Solar	15
	589B	Detroit Edison	48211	November-11	Solar	11.52
826	1	Direct Energy	48323	February-11	Solar	3.44
827	1	Great Lakes	49455	August-08	Wind	1.8

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
828	2	Great Lakes	49050	February-09	Solar	4
829	3	Great Lakes	49459	July-09	Wind	20
830	4	Great Lakes	49437	July-09	Wind	20
831	5	Great Lakes	49646	July-09	Wind	1.8
832	6	Great Lakes	49454	July-09	Wind	1.8
833	7	Great Lakes	49405	July-09	Wind	1.8
834	8	Great Lakes	49648	July-09	Wind	1.8
835	9	Great Lakes	49615	July-09	Wind	1.8
836	10	Great Lakes	49720	July-09	Wind	1.8
837	11	Great Lakes	49344	July-09	Solar	4
838	12	Great Lakes	49337	July-09	Wind	5
839	13	Great Lakes	49770	July-09	Wind	9
	14A	Great Lakes	49431	January-10	Wind	1.25
840	14B	Great Lakes	49431	January-10	Solar	1.25
841	15	Great Lakes	49455	January-10	Wind	2.4
842	16	Great Lakes	49713	April-10	Solar	1.8
843	17	Great Lakes	49455	April-10	Wind	1
844	18	Great Lakes	49323	May-10	Wind	1
845	19	Great Lakes	49639	May-10	Solar	1.8
846	20	Great Lakes	49680	June-10	Wind	1.9
847	21	Great Lakes	49646	June-10	Solar	2.8
848	22	Great Lakes	49665	September-10	Wind	1.2
	23A	Great Lakes	49333	September-10	Wind	1.7
849	23B	Great Lakes	49333	September-10	Solar	1.7
	24A	Great Lakes	49751	October-10	Wind	1.7
850	24B	Great Lakes	49751	October-10	Solar	1.7
851	25	Great Lakes	49344	October-10	Solar	3.1
852	26	Great Lakes	49735	November-10	Wind	20
853	27	Great Lakes	49720	December-10	Solar	4
854	28	Great Lakes	49680	December-10	Solar	1.3
855	29	Great Lakes	49740	May-11	Solar	1
856	30	Great Lakes	49735	July-11	Solar	3.2
857	31	Great Lakes	49738	August-11	Solar	4.3
858	32	Great Lakes	49337	September-11	Wind	5
859	33	Great Lakes	49622	October-11	Solar	3
860	34	Great Lakes	49437	November-11	Wind	1.5
861	35	Great Lakes	49349	November-11	Wind	5
862	36	Great Lakes	49735	November-11	Solar	5.6
863	37	Great Lakes	49421	November-11	Solar	2.4
864	38	Great Lakes	49420	November-11	Solar	2.4

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
865	39	Great Lakes	49735	November-11	Solar	5.6
866	40	Great Lakes	49420	December-11	Solar	2.5
	41A	Great Lakes	49455	December-11	Wind	1.4
867	41B	Great Lakes	49455	December-11	Solar	1.4
868	42	Great Lakes	49646	December-11	Solar	2.5
869	1	HomeWorks Tri-County	48875	January-09	Solar	5
870	2	HomeWorks Tri-County	48632	January-10	Solar	3.9
871	3	HomeWorks Tri-County	48891	June-10	Solar	0.25
872	4	HomeWorks Tri-County	49340	June-10	Solar	2.5
873	5	HomeWorks Tri-County	48813	January-11	Wind	3.6
874	6	HomeWorks Tri-County	48835	March-11	Solar	1.0
875	7	HomeWorks Tri-County	49310	April-11	Solar	4.0
	8A	HomeWorks Tri-County	49346	December-11	Wind	4.1
876	8B	HomeWorks Tri-County	49346	December-11	Solar	4.1
877	1	Indiana Michigan	49022	January-07	Solar	7.1
878	2	Indiana Michigan	49038	June-07	Solar	3.6
879	3	Indiana Michigan	49098	February-08	Wind	1.9
880	4	Indiana Michigan	49022	March-08	Wind	1.9
881	5	Indiana Michigan	49107	April-08	Solar	2.1
882	6	Indiana Michigan	49128	April-09	Solar	5.3
883	7	Indiana Michigan	49111	April-10	Wind	5
884	8	Indiana Michigan	49113	August-08	Wind	1.9
885	9	Indiana Michigan	49042	August-08	Wind	1.9
886	10	Indiana Michigan	49128	August-10	Solar	4.1
887	11	Indiana Michigan	49128	August-10	Solar	10
888	12	Indiana Michigan	49120	December-08	Wind	1.8
889	13	Indiana Michigan	49055	December-11	Solar	2.8
890	14	Indiana Michigan	49022	February-11	Wind	10
891	15	Indiana Michigan	49120	January-09	Wind	10
892	16	Indiana Michigan	49093	July-10	Solar	2.1
893	17	Indiana Michigan	49079	June-09	Solar	4
894	18	Indiana Michigan	49116	June-09	Wind	1.2
895	19	Indiana Michigan	49022	June-09	Wind	1.9
896	20	Indiana Michigan	49038	March-09	Wind	2.4
897	21	Indiana Michigan	49120	May-11	Wind	5
898	22	Indiana Michigan	49115	November-09	Wind	1.9
899	23	Indiana Michigan	49120	October-08	Solar	3.5
900	24	Indiana Michigan	49038	October-10	Solar	4.7
901	1	Midwest	49279	July-08	Solar	2.3
902	2	Midwest	49097	August-08	Solar	3

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
903	3	Midwest	46514	November-08	Wind	10
904	4	Midwest	49279	December-08	Wind	5
905	5	Midwest	43521	January-09	Wind	1.8
906	6	Midwest	46530	February-09	Wind	1.8
907	7	Midwest	49065	April-09	Solar	2.8
908	8	Midwest	49031	June-09	Wind	1.8
909	9	Midwest	49112	August-09	Solar	3
910	10	Midwest	49286	August-09	Solar	4
911	11	Midwest	49079	October-09	Solar	3
912	12	Midwest	49047	March-10	Wind	1.8
913	13	Midwest	49065	June-10	Solar	4
914	14	Midwest	49047	May-11	Solar	4
915	15	Midwest	49220	January-2008	Wind	5
916	16	Midwest	49002	January-2008	Solar	2
	1A	Ontonagon	49913	June-06	Solar	2.5
917	1B	Ontonagon	49913	June-06	Solar	2.5
	2A	Ontonagon	49930	October-06	Wind	2.5
918	2B	Ontonagon	49930	October-06	Solar	2.5
919	3	Ontonagon	49953	October-09	Wind	2.5
920	4	Ontonagon	49913	December-09	Wind	2.5
921	5	Ontonagon	49916	December-09	Wind	2.5
922	6	Ontonagon	49913	March-10	Wind	3
923	7	Ontonagon	49946	March-11	Solar	2
924	8	Ontonagon	49946	March-11	Solar	4
925	9	Ontonagon	49946	March-11	Solar	5
926	10	Ontonagon	49946	March-11	Solar	4
927	11	Ontonagon	49946	March-11	Solar	4
928	12	Ontonagon	49930	July-11	Wind	2.5
929	13	Ontonagon	49953	December-11	Wind	5
	14A	Ontonagon	49930	Unknown	Hydro	1
930	14B	Ontonagon	49930	Unknown	Solar	1
931	1	Presque Isle	49746	June-08	Wind	2.8
932	2	Presque Isle	49753	July-08	Wind	2.8
933	3	Presque Isle	49776	September-08	Wind	2.8
934	4	Presque Isle	49707	September-08	Wind	2.8
935	5	Presque Isle	49707	October-08	Wind	2.8
936	6	Presque Isle	49721	October-08	Wind	2.8
937	7	Presque Isle	49709	November-08	Wind	2.8
938	8	Presque Isle	49709	November-08	Wind	2.8
939	9	Presque Isle	49707	January-09	Wind	2.8

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
940	10	Presque Isle	49779	February-09	Wind	2.8
941	11	Presque Isle	49707	June-09	Wind	2.8
942	12	Presque Isle	49709	July-09	Wind	2.8
943	13	Presque Isle	49765	July-09	Wind	2.8
944	14	Presque Isle	49765	August-09	Wind	2.8
945	15	Presque Isle	49765	September-09	Wind	2.8
946	16	Presque Isle	49765	October-09	Wind	2.8
947	17	Presque Isle	49709	September-10	Wind	2.8
948	18	Presque Isle	49779	October-11	solar	1.1
949	19	Presque Isle	49776	August-08	Wind	2.8
950	1	Thumb Electric	48744	June-08	Wind	1.9
951	2	Thumb Electric	48744	July-09	Wind	1.9
952	3	Thumb Electric	48723	April-10	Wind	1.9
953	4	Thumb Electric	48746	December-10	Solar	3.2
954	5	Thumb Electric	48744	December-11	Solar	1.84
955	1	Upper Peninsula	49829	December-06	Wind	2
	2A	Upper Peninsula	49829	May-08	Solar	5.6
956	2B	Upper Peninsula	49829	May-08	Wind	2
957	3	Upper Peninsula	49931	November-08	Wind	2.4
958	4	Upper Peninsula	49931	December-08	Wind	2.4
959	5	Upper Peninsula	49837	January-09	Solar	2
960	6	Upper Peninsula	49913	January-09	Wind	2.4
961	7	Upper Peninsula	49945	January-09	Wind	2.4
962	8	Upper Peninsula	49807	July-09	Solar	2
963	9	Upper Peninsula	49931	July-09	Wind	1.5
964	10	Upper Peninsula	49805	August-09	Solar	2.7
965	11	Upper Peninsula	49930	August-09	Solar	2.7
966	12	Upper Peninsula	49829	August-09	Wind	2.4
967	13	Upper Peninsula	49849	August-09	Wind	2.4
968	14	Upper Peninsula	49913	August-09	Wind	2.4
969	15	Upper Peninsula	49934	August-09	Wind	2.4
	16A	Upper Peninsula	49953	August-09	Solar	0.7
970	16B	Upper Peninsula	49953	August-09	Wind	2.4
971	17	Upper Peninsula	49807	October-09	Solar	2.7
972	18	Upper Peninsula	49807	October-09	Wind	2.4
973	19	Upper Peninsula	49829	October-09	Solar	2.8
974	20	Upper Peninsula	49841	October-09	Wind	2.4
975	21	Upper Peninsula	49916	December-09	WInd	2.4
976	22	Upper Peninsula	49807	January-10	Wind	2.4
977	23	Upper Peninsula	49849	January-10	Wind	2.4

Number of Customers		Electric Provider	Zip Code	Starting Month & Year	Technology Type	Generator Size (kW)
Total	Per Provider					
978	24	Upper Peninsula	49849	March-10	Solar	2.6
979	25	Upper Peninsula	49849	April-10	Solar	2.8
980	26	Upper Peninsula	49862	August-10	Wind	10
981	27	Upper Peninsula	49916	September-10	Wind	2.4
982	28	Upper Peninsula	49945	October-10	Solar	3.6
983	36	Upper Peninsula	49981	February-11	solar	3
984	35	Upper Peninsula	49841	March-11	Wind	2.4
985	37	Upper Peninsula	49916	March-11	Solar	1
986	34	Upper Peninsula	49950	April-11	Solar	4
987	32	Upper Peninsula	49866	August-11	Solar	3.5
988	29	Upper Peninsula	49950	October-11	Solar	1.1
989	30	Upper Peninsula	49807	October-11	Solar	2.5
990	31	Upper Peninsula	49837	October-11	Solar	5.1
991	33	Upper Peninsula	49883	December-11	Solar	10
992	38	Upper Peninsula	49849	January-12	Solar	3.6
993	1	We Energies	49807	April-09	Solar	0.7
994	2	We Energies	49812	April-09	Wind	6
995	3	We Energies	49886	April-86	Hydro	2.5
996	4	We Energies	49831	January-10	Wind	7.2
997	5	We Energies	49801	January-11	Solar	3
998	6	We Energies	49892	July-09	Wind	2.4
999	7	We Energies	49876	June-09	Wind	2.4
1000	8	We Energies	49801	June-10	Solar	1.8
1001	9	We Energies	49801	November-08	Wind	5.5
1002	10	We Energies	49847	November-09	Solar	2
1003	11	We Energies	49807	November-11	Solar	5.1
1004	12	We Energies	49801	November-83	Hydro	2.5
1005	13	We Energies	49880	October-08	Wind	5.5
1006	14	We Energies	49896	September-08	Solar	1.2
1007	15	We Energies	49920	September-09	Wind	2.4
1008	16	We Energies	49807	September-11	Solar	5.7
1009	1	WPSC	49893	June-08	Wind	2.5
1010	2	WPSC	49848	August-11	Wind	1.2
1011	3	WPSC	49848	August-11	Solar	1
1012	4	WPSC	49862	October-11	Solar	1.7
1013	5	WPSC	49887	October-11	Solar	4.8
1014	6	WPSC	49849	December-11	Solar	4.33
1015	1	Xcel/Northern States	49911	June-09	Wind	2.4
1015 Customers		**1071 Installations**				**6,166.75kW**