

2013 Net Metering Required Reporting Summary

Indiana's net metering rules (rules) became effective in March 2005 and spell out the *minimum standard offering required of utilities*¹ as well as the participation requirements for eligible customers and utilities alike. The Commission revised its rules in 2011 to expand the eligibility to more facilities as well as all customer classes. As defined in 170 IAC §4-4.2, a net metering customer is a customer in good standing who owns and operates an eligible net metering energy resource² on their premises with a nameplate capacity of less than or equal to 1 MW which is used primarily to offset all or part of the customer's annual electricity requirements.

This report summarizes the net metering reports filed by each of the investor-owned utilities (IOU) in compliance with 170 IAC §4-4.2-9(c).

170 IAC 4-4.2-9(c) On or before March 1 of each year, each investor-owned electric utility shall file with the commission a net metering report. The net metering report shall contain the following:

- (1) The total number of eligible net metering customers and facilities.*
- (2) The number, size, and type (solar, wind, hydro) of net metering facilities.*
- (3) The number of new eligible net metering customers interconnected during the previous calendar year.*
- (4) The number of existing eligible net metering customers that ceased participation in the net metering tariff during the previous calendar year.*
- (5) If available, data on the amount of electricity generated by net metering facilities.*
- (6) A list of any system emergency disconnections that occurred and an explanation of each system emergency.*

Utility and statewide comparative data are presented on the following pages, while the individual utility net metering reports are included in Appendix A.

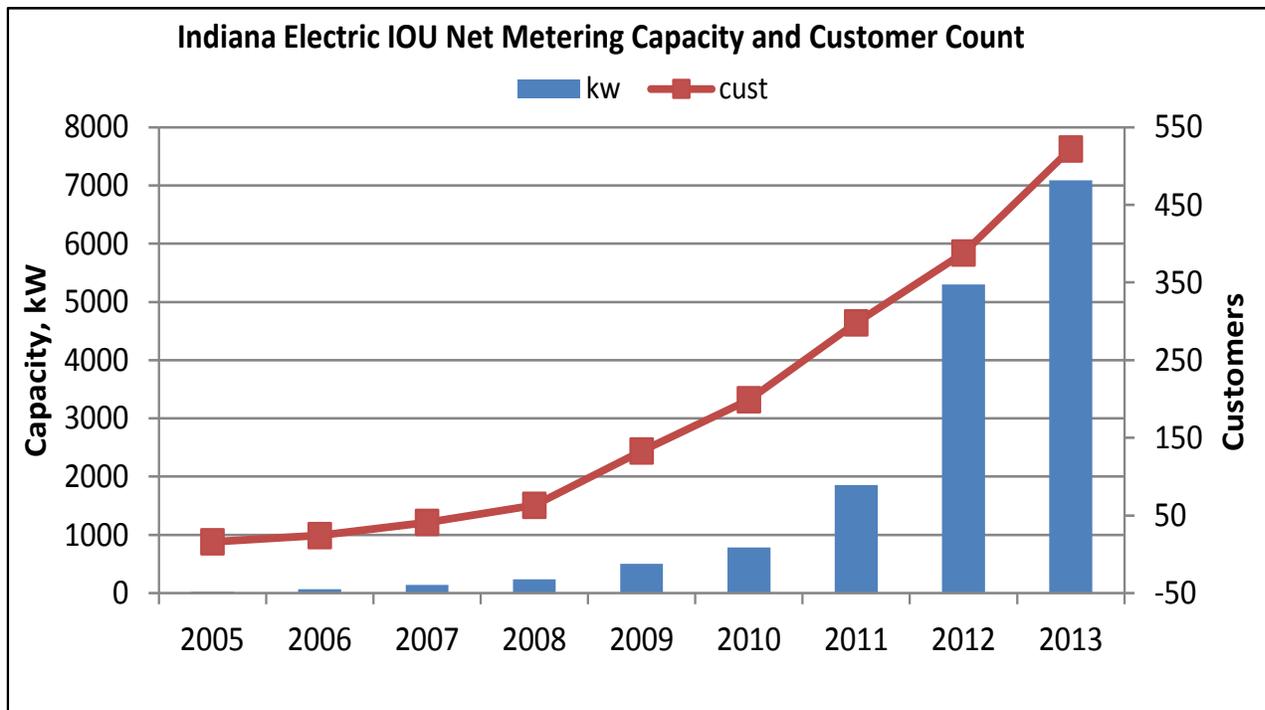
¹ The net metering rules afford the opportunity for a utility to move beyond the minimum standard offering and provide net metering to customers above that level at its discretion.

² Eligible net metering energy resources include wind, solar, hydro, fuel cells, hydrogen, organic waste biomass and dedicated crops powered generation [170 IAC 4-4.2-1(d) and IC 8-1-37-4(a)(1)-(8)].

Summary of Figures and Tables³

Figure 1	Number of customer participants and total capacity by year
Table 1	Present Nameplate Capacity by utility and by resource type
Table 2	Total Nameplate Capacity growth year over year
Table 3	Solar Nameplate Capacity growth year over year
Table 4	Wind Nameplate Capacity growth year over year
Table 5	Customer participant growth year over year

Figure 1. Number of customer participants and total capacity by year



³ Values presented in the tables have been rounded to the nearest integer.

Table 1. Present Nameplate Capacity by utility and by resource type

	Total (kW)	Solar (kW)	Wind (kW)
Duke Energy Indiana	3668	1458	2210
NIPSCO	2306	396	1910
I&M	509	253	257
SIGECO	426	422	4
IP&L	178	128	50
Total	7087	2657	4431

Table 2. Total Nameplate Capacity growth year over year

Year	Capacity (kW)	Percent change	Absolute change (kW)
2005	23		
2006	66	188%	43
2007	140	111%	74
2008	233	66%	92
2009	504	117%	271
2010	783	55%	280
2011	1852	136%	1068
2012	5297	186%	3445
2013	7087	34%	1790

Table 3. Solar Nameplate Capacity growth year over year

Year	Capacity (kW)	Percent change	Absolute change (kW)
2005	23		
2006	66	188%	43
2007	121	83%	55
2008	167	38%	46
2009	307	84%	140
2010	529	72%	221
2011	1119	112%	591
2012	1789	60%	670
2013	2657	49%	868

Table 4. Wind Nameplate Capacity growth year over year

Year	Capacity (kW)	Percent change	Absolute change (kW)
2005	0		
2006	0		
2007	19		19
2008	65	243%	46
2009	196	202%	131
2010	255	30%	58
2011	732	187%	477
2012	3509	379%	2777
2013	4431	26%	922

Table 5. Customer participant growth year over year

Year	Capacity (kW)	Percent change	Absolute change (kW)
2005	16		
2006	24	50%	8
2007	41	71%	17
2008	63	54%	22
2009	133	111%	70
2010	199	50%	66
2011	298	50%	99
2012	388	30%	90
2013	522	35%	134

Appendix A; IOU Submitted Net Metering Reports

**Duke Energy Indiana, Inc.
2013 Net Metering Report**

(1) The total number of eligible net metering customer-generator facilities	275 - total net metering installations (21 - schools, 212 - residential, 42 - commercial)
(2) The number, size and type (solar, wind, hydro) of net metering facilities	1 - 0.13 kW solar 1 - 0.38 kW solar 1 - 0.63 kW solar 1 - 0.7 kW solar 1 - 0.76 kW solar 3 - 0.95 kW solar 3 - 1 kW solar 1 - 1.05 kW solar 1 - 1.075 kW solar 9 - 1.14 kW solar 1 - 1.29 kW solar 1 - 1.41 kW solar 1 - 1.414 solar 4 - 1.52 kW solar 2 - 1.68 kW solar 1 - 1.72 kW solar 13 - 1.8 kW solar 1 - 1.9 kW solar 2 - 1.904 kW solar 1 - 1.94 kW solar 8 - 2 kW solar 1 - 2.1 kW solar 8 - 2.15 kW solar 1 - 2.35 kW solar 1 - 2.365 kW solar 1 - 2.38 kW solar 1 - 2.52 kW solar 6 - 2.58 kW solar 2 - 2.7 kW solar 1 - 2.795 kW solar 1 - 2.8 kW solar 5 - 2.85 kW solar 1 - 2.94 kW solar 16 - 3 kW solar 1 - 3.01 kW solar 2 - 3.04 kW solar 2 - 3.225 kW solar 7 - 3.3 kW solar 2 - 3.42 kW solar 4 - 3.44 kW solar 1 - 3.5 kW solar 1 - 3.57 kW solar 3 - 3.655 kW solar 2 - 3.8 kW solar 6 - 3.87 kW solar 11 - 4 kW solar 1 - 4.05 kW solar 2 - 4.284 kW solar 7 - 4.3 kW solar 4 - 4.5 kW solar 1 - 4.515 kW solar 1 - 4.522 kW solar 1 - 4.6 kW solar 2 - 4.8 kW solar 1 - 4.945 kW solar 12 - 5 kW solar 2 - 5.16 kW solar 1 - 5.32 kW solar 1 - 5.475 kW solar 1 - 5.7 kW solar 2 - 5.712 kW solar 5 - 6 kW solar 1 - 6.02 kW solar 1 - 6.2 kW solar 2 - 6.426 kW solar 1 - 6.45 kW solar 1 - 6.8 kW solar 1 - 6.88 kW solar 1 - 7 kW solar 3 - 7.2 kW solar

(1) The total number of eligible net metering customer-generator facilities	275 - total net metering installations (21 - schools, 212 - residential, 42 - commercial)
	1 - 7.31 kW solar 2 - 7.5 kW solar 1 - 7.6 kW solar 3 - 8 kW solar 1 - 8.36 kW solar 1 - 8.6 kW solar 1 - 8.75 kW solar 1 - 9 kW solar 1 - 9.6 kW solar 2 - 10 kW solar 1 - 10.16 kW solar 3 - 10.32 kW solar 2 - 11 kW solar 4 - 12 kW solar 4 - 13.76 kW solar 1 - 14 kW solar 2 - 18 kW solar 2 - 20 kW solar 1 - 20.425 kW solar 1 - 20.64 kW solar 1 - 20.855 kW solar 1 - 22 kW solar 1 - 24.08 kW solar 1 - 28.8 kW solar 2 - 50 kW solar 1 - 200 kW solar
	1 - 0.6 kW wind 1 - 1 kW wind 6 - 1.8 kW wind 15 - 2.4 kW wind 1 - 4.2 kW wind 2 - 5.5 kW wind 1 - 7.2 kW wind 1 - 9 kW wind 3 - 10 kW wind 1 - 300 kW wind 2 - 900 kW wind
TOTAL	3667.753
(3) The number of new eligible net metering installations interconnected during the previous calendar year	69 - new net metering installations in 2013
(4) The number of existing eligible net metering customers that ceased participation in the net metering tariff during the previous calendar year	1 - ceased participation
(5) If available, data on the amount of electricity generated by net metering facilities	Not available
(6) A list of any system emergency disconnections that occurred in accordance with section 5 (f) of this rule and an explanation of each system emergency	No emergency disconnections

Net Metering Report 2013

January 31, 2014

Utility Name	Indianapolis Power & Light Company
Contact Name	John Haselden Principal Engineer, Regulatory Affairs
Phone Number / e-mail	317-261-6629 john.haselden@aes.com
Total Number of Eligible (participating) Net Metering Customers (12-31-13)	37
Total Number of Net Metering Facilities (12-31-13)	37
Number and Size of Solar Facilities – aggregate capacity	36 Facilities with Rated Maximum Capacity of 128 kW(Total)
Number and Size of Wind Facilities – aggregate capacity	1 Facility with Rated Maximum Capacity of 50 kW(Total)
Number and Size of Hydro Facilities– aggregate capacity	0
Number of New NM Interconnections in 2013	13
Number of Previous NM customers who left program in 2013	0
Data on amount of electricity generated by NM facilities (if available)	45,972 kWh (net)
A list of any system emergency disconnections that occurred, and an explanation of each	0

**INDIANA MICHIGAN POWER COMPANY
INTERCONNECTION NET METERING-INDIANA**

CUSTOMER-GENERATOR FACILITIES INTERCONNECTED AND/OR NET METERED AS OF DECEMBER 31, 2013

During 2013 I&M received sixteen interconnection applications for customer-generation facilities. All sixteen interconnection/net-metering applications were approved. Fourteen customers have installed metering and customer equipment is in operation. Two customers have not completed equipment installation. The I&M net metering cap for 2013 is 47.26 MW based upon I&M's 2012 summer peak load of 4,726 MW. As of December 31, 2013, I&M has 509 kW.

Total number of net metering customers (84) and facilities; the number, size, and type of net metering facilities; the number of new net metering customers (14) interconnected during the previous year: Please see the table below.

Number of net metering customers who left program in 2013: None

Data on amount of electricity generated by net metering facilities: The amount of customer generation is unavailable to the Company.

System emergency disconnections: None

Annual Interconnection Report setting forth the application procedure level, application status and number, size and type of customer-generator facilities interconnected: Please see table below.

CUSTOMER NAME	NUMBER OF UNITS	NAME PLATE (kW)	NET METERED	NET METERED (kW)	TYPE	STATUS
Customer 1	1	2,000	No		Steam Turbine	Connected 1933
Customer 2	7	28,475	No		Steam & Combustion Turbines	Connected 1970 thru 2004
Customer 3	1	1.1	Yes	1.1	Photovoltaic	Connected February 2005
Customer 4	1	1	Yes	1	Photovoltaic	Connected March 2002
Customer 5	1	130	No		Gas Micro turbine	Connected April 2003
Customer 6	1	1.9	Yes	1.9	Wind/Solar	Connected August 2007
Customer 7	1	7.8	Yes	7.8	Photovoltaic	Connected August 2008
Customer 8	1	5.3	No		Photovoltaic	Connected September 2008
Customer 9	1	10	No		Photovoltaic	Connected September 2008

INDIANA MICHIGAN POWER COMPANY
INTERCONNECTION NET METERING-INDIANA

CUSTOMER NAME	NUMBER OF UNITS	NAME PLATE (kW)	NET METERED	NET METERED (kW)	TYPE	STATUS
Customer 10	1	5.5	Yes	5.5	Wind Turbine	Connected September 2008
Customer 11	1	1.8	Yes	1.8	Wind Turbine	Connected December 2009
Customer 12	1	2.6	Yes	2.6	Wind Turbine	Connected February 2009
Customer 13	1	2.6	Yes	2.6	Wind Turbine	Connected February 2009
Customer 14	1	2.6	Yes	2.6	Wind Turbine	Connected June 2009
Customer 15	1	2.6	Yes	2.6	Wind Turbine	Connected October 2009
Customer 16	1	10	No		Steam & Combustion Turbines	System Approved. Installation not completed
Customer 17	1	9.2	Yes	9.2	Wind Turbine	Connected December 2009
Customer 18	2	4.8	Yes	4.8	Wind Turbine	Connected October 2009
Customer 19	1	2.6	Yes	2.6	Wind Turbine	Connected July 2009
Customer 20	2	5.2	Yes	3.8	Wind Turbine	Connected May 2009
Customer 21	1	1.9	Yes	1.9	Wind Turbine	Connected May 2009
Customer 22	1	2.6	Yes	2.6	Wind Turbine	Connected June 2009
Customer 23	1	2.4	Yes	2.4	Wind Turbine	Connected December 2009
Customer 24	1	1.9	Yes	1.9	Wind Turbine	Connected August 2009
Customer 25	1	10	No		Wind Turbine	Connected July 2009
Customer 26	1	1.9	Yes	1.9	Wind Turbine	Connected November 2009
Customer 27	1	10	Yes	10	Wind Turbine	Connected November 2009
Customer 28	1	5	Yes	5	Wind Turbine	Connected April 2009
Customer 29	1	2.6	Yes	2.6	Wind Turbine	Connected December 2009
Customer 30	1	10	Yes	10	Wind Turbine	Connected December 2009
Customer 31	1	2.6	Yes	2.6	Wind Turbine	Connected December 2009
Customer 32	1	6	Yes	6	Photovoltaic	Connected September 2009
Customer 33	1	21	Yes	21	Photovoltaic	Connected November 2009
Customer 34	1	1.2	Yes	1.2	Wind Turbine	Connected December 2009

INDIANA MICHIGAN POWER COMPANY
INTERCONNECTION NET METERING-INDIANA

CUSTOMER NAME	NUMBER OF UNITS	NAME PLATE (kW)	NET METERED	NET METERED (kW)	TYPE	STATUS
Customer 35	1	1.2	Yes	1.2	Wind Turbine	Connected December 2009
Customer 36	1	2.4	Yes	2.4	Wind Turbine	Connected December 2009
Customer 37	2	5.2	Yes	5.2	Wind Turbine	Connected April 2010
Customer 38	1	2.4	Yes	2.4	Wind Turbine	Connected April 2010
Customer 39	1	7	Yes	7	Photovoltaic	Connected January 2010
Customer 40	1	4.4	Yes	4.4	Photovoltaic	Connected July 2010
Customer 41	1	5.5	Yes	5.5	Photovoltaic	Connected November 2010
Customer 42	1	96.5	No		Photovoltaic	Connected October 2010
Customer 43	1	0.8	Yes	0.8	Photovoltaic	Connected March 2010
Customer 44	1	20	Yes	20	Photovoltaic	Connected October 2010
Customer 45	1	2.6	Yes	2.6	Wind Turbine	Connected August 2010
Customer 46	1	2.6	Yes	2.6	Wind Turbine	Connected May 2010
Customer 47	1	4.8	Yes	4.8	Wind Turbine	Connected October 2010
Customer 48	1	10	Yes	10	Wind Turbine	Connected October 2010
Customer 49	1	3.6	Yes	3.6	Wind Turbine	Connected October 2010
Customer 50	1	3.5	Yes	3.5	Photovoltaic	Connected January 2011
Customer 51	1	3.6	Yes	3.6	Photovoltaic	Connected June 2011
Customer 52	1	2.6	Yes	2.6	Wind Turbine	Connected April 2011
Customer 53	1	2.6	Yes	2.6	Wind Turbine	Connected April 2011
Customer 54	1	9.9	Yes	9.9	Photovoltaic	Connected June 2011
Customer 55	1	0.9	Yes	0.9	Photovoltaic	Connected July 2011
Customer 56	1	3.5	Yes	3.5	Photovoltaic	Connected August 2011
Customer 57	1	2.6	Yes	2.6	Wind Turbine	Connected August 2011
Customer 58	1	2.4	Yes	2.4	Wind Turbine	Connected August 2011
Customer 59	1	2.6	Yes	2.6	Wind Turbine	Connected August 2011

INDIANA MICHIGAN POWER COMPANY
INTERCONNECTION NET METERING-INDIANA

CUSTOMER NAME	NUMBER OF UNITS	NAME PLATE (kW)	NET METERED	NET METERED (kW)	TYPE	STATUS
Customer 60	1	0.7	Yes	0.7	Photovoltaic	Connected September 2011
Customer 61	1	110	Yes	110	Wind Turbine and Photovoltaic	Connected Seotenber 2011
Customer 62	1	2.9	Yes	2.9	Photovoltaic	Connected October 2011
Customer 63	1	2.8	Yes	2.8	Photovoltaic	Connected July 2013
Customer 64	1	2.9	Yes	2.9	Photovoltaic	Connected December 2011
Customer 65	1	2.8	Yes	2.8	Photovoltaic	Connected December 2011
Customer 66	1	3	Yes	3	Photovoltaic	Connected August 2012
Customer 67	1	4.5	Yes	4.5	Photovoltaic	Connected March 2012
Customer 68	1	4.8	Yes	4.8	Photovoltaic	Connected December 2011
Customer 69	1	5.5	Yes	5.5	Photovoltaic	Connected December 2011
Customer 70	1	9.3	Yes	9.3	Photovoltaic	Connected September 2012
Customer 71	1	5	Yes	5	Photovoltaic	Connected July 2012
Customer 72	1	5.9	Yes	5.9	Photovoltaic	Connected July 2012
Customer 73	1	2.3	Yes	2.3	Photovoltaic	Connected February 2012
Customer 74	1	19.7	Yes	19.7	Photovoltaic	Connected April 2012
Customer 75	1	7.8	Yes	7.8	Photovoltaic	Connected November 2012
Customer 76	1	2	Yes	2	Wind Turbine	Connected November 2012
Customer 77	1	10	Yes	10	Wind Turbine	Connected July 2012
Customer 78	1	2.4	Yes	2.4	Wind Turbine	Connected November 2012
<u>2013</u>						
Customer 79	1	2.2	Yes	2.2	Photovoltaic	Connected January 2013-Level 1
Customer 80	1	1.2	Yes	1.2	Photovoltaic	Connected February 2013-Level 1
Customer 81	1	5.6	Yes	5.6	Photovoltaic	Connected February 2013-Level 1
Customer 82	1	2.4	Yes	2.4	Wind Turbine	Connected April 2013-Level 1

INDIANA MICHIGAN POWER COMPANY
INTERCONNECTION NET METERING-INDIANA

CUSTOMER NAME	NUMBER OF UNITS	NAME PLATE (kW)	NET METERED	NET METERED (kW)	TYPE	STATUS
Customer 83	1	2.9	Yes	2.9	Photovoltaic	Connected May 2013-Level 1
Customer 84	1	2.5	Yes	2.5	Photovoltaic	Connected June 2013-Level 1
Customer 85	1	2.8	Yes	2.8	Photovoltaic	Connected June 2013-Level 1
Customer 86	1	5.8	Yes	5.8	Photovoltaic	Connected June 2013-Level 1
Customer 87	1	1.9	Yes	1.9	Photovoltaic	Application Approved 7/13 Meter Installed October 2013- Level 1
Customer 88	1	2.2	Yes	2.2	Photovoltaic	Connected August 2013-Level 1
Customer 89	1	2.2	Yes	2.2	Photovoltaic	Connected August 2013-Level 1
Customer 90	1	4.8	Yes	4.8	Photovoltaic	Connected August 2013-Level 1
Customer 91	1	7.6	Yes	7.6	Photovoltaic	Connected September 2013- Level 1
Customer 92	1	35.3	Yes	35.3	Photovoltaic	Connected November 2013- Level 2
Customer 93	1	9.9	N/A		Photovoltaic	Application Approved 10/2 - Awaiting customer installtion of equipment. Level 1
Customer 94	1	13	N/A		Photovoltaic	Application Approved 11/7 - Awaiting customer installtion of equipment. Level 2
2013 Totals	16 Applications/14 Net Metered			79		
Cumulative Total				509		

**Northern Indiana Public Service Company
2013 Net Metering Report**

**Report Effective Date: December 31, 2013
Report Date: February 28, 2014**

Reference: 170 IAC 4-4.2-9 Tariff and Reporting Requirements
Authority: IC 8-1-1-3
Affected: IC 8-1-2

(1) The total number of net metering customers and facilities:	
Residential Customers	53 Customers
Commercial Customers	10 Customers
K - 12 Schools	2 Customers

(2) The number, size, and type of net metering facilities:	<u>Type</u>	<u>Size</u>	<u>No. of Units</u>
	Solar	0.68 kW	1
		1.10 kW	1
		1.14 kW	1
		1.36 kW	1
		1.72 kW	1
		2.15 kW	1
		2.30 kW	1
		2.50 kW	1
		2.88 kW	1
		3.00 kW	4
		4.00 kW	4
		4.30 kW	1
		5.00 kW	5
		5.23 kW	1
		5.40 kW	1
		5.76 kW	1
		5.90 kW	1
		6.00 kW	1
		6.88 kW	1
		7.00 kW	2
	8.00 kW	1	
	9.00 kW	1	
	9.89 kW	1	
	10.00 kW	2	
	13.76 kW	1	
	19.50 kW	1	
	28.00 kW	1	
	82.00 kW	1	
	84.00 kW	1	
	Wind	0.40 kW	1
		1.20 kW	1
		1.55 kW	1
		1.80 kW	1
		2.40 kW	10
		2.60 kW	2
		3.00 kW	2
		3.60 kW	2
		3.70 kW	1
		3.80 kW	1
		4.80 kW	1
		5.00 kW	1
		6.00 kW	1
		7.20 kW	1
	10.00 kW	2	
	12.00 kW	1	
	900.00 kW	2	

(3) The number of new net metering customers interconnected during the previous calendar year:	9
--	---

(4) The number of existing net metering customers* that ceased participation in the net metering tariff during the previous calendar year:	1
--	---

(5) If available, data on the amount of electricity generated by net metering facilities:	1,612,480 kWh
---	---------------

(6) A list of any system emergency disconnections that occurred explanation of each system emergency:	None
---	------

* This customer left the Net Metering Tariff to participate in NIPSCO's Feed-In Tariff in Jan. 2013.

The following items are reported as required by 170 IAC 4-4.2-9(c):

Utility Name	Southern Indiana Gas and Electric Company d/b/a Vectren Energy Delivery of Indiana, Inc.
Employee Name	Tonya Rine
Phone Number	(812) 491-5052
Total Number of Net Metering Customers (12-31-13)	61
Total Number of Net Metering Facilities (12-31-13)	62
Number and Size of Solar Facilities	60 – 422.2 kW total
Number and Size of Wind Facilities	2 – 4.2 kW total
Number and Size of Hydro Facilities	None
Number of New NM [1] Interconnections in 2013	24
Number of Previous NM customers who left program in 2013	None
Data on amount of electricity generated by NM facilities (if available)	Not Available
A list of any system emergency disconnections that occurred, and an explanation of each	None

[1] Note that we excluded 2 net metering customers that were previously reported on the 2012 Net Metering Report, but activated in 2013.