

**STATE OF INDIANA**

**INDIANA UTILITY REGULATORY COMMISSION**

**VERIFIED PETITION OF NORTHERN INDIANA )  
PUBLIC SERVICE COMPANY FOR APPROVAL OF AN )  
ECONOMIC DEVELOPMENT PROGRAM, )  
INCLUDING VARIOUS PILOTS, TO PROMOTE THE )  
DEPLOYMENT OF ALTERNATIVE FUEL VEHICLES, ) CAUSE NO. 44016  
INCLUDING THE APPROVAL OF APPROPRIATE )  
TARIFFS AND ASSOCIATED TERMS AND )  
CONDITIONS OF SERVICE, FORMS OF STANDARD )  
CONTRACTS AND TIMELY RECOVERY OF COSTS IN )  
ACCORDANCE WITH IND. CODE § 8-1-2-42(a). )**

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**COMPLIANCE FILING**

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In accordance with the Indiana Utility Regulatory Commission's February 1, 2012 Order in this Cause, Petitioner Northern Indiana Public Service Company, by counsel, respectfully submits its combined Fourth Quarter Report covering the period November 1, 2013 through January 1, 2014 and Program Year Annual Report for the period February 1, 2013 through January 31, 2014.

Respectfully submitted,



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Company

**CERTIFICATE OF SERVICE**

The undersigned hereby certifies that on March 31, 2014, the foregoing was served via email transmission upon Karol Krohn, Indiana Office of Utility Consumer Counselor, 115 W. Washington Street, Suite 1500 South, Indianapolis, Indiana 46204 ([kkrohn@oucc.in.gov](mailto:kkrohn@oucc.in.gov), [infomgt@oucc.in.gov](mailto:infomgt@oucc.in.gov)).



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Christopher C. Earle

**IN-Charge Electric Vehicle Program  
Cause No. 44016**

**Quarterly Report**  
(11/1/13 – 1/31/14)

**And**

**Annual Report**  
(2/1/13– 1/31/14)



## **I. Executive Summary**

On April 8, 2011, NIPSCO filed a request in Cause No. 44016 with the Indiana Utility Regulatory Commission (“Commission”) for approval of an economic development program associated with the deployment of alternative fuel vehicles such as plug-in electric vehicles (“EVs”). The Commission approved NIPSCO’s IN-Charge Electric Vehicle Pilot Program (“Program”) on February 1, 2012.

This is NIPSCO’s second annual report for the Program, which encompasses data through the fourth quarter of Program Year 2. It provides an update on implementation, participation, participant costs, expenditures and preliminary usage information for the first twenty-four months of the Phase I implementation which focuses on promoting EV adoption among residential participants. As the previously filed quarterly reports for this program have been cumulative in nature, this annual report is also inclusive of fourth quarter program results. To avoid redundancy, a separate fourth quarter report will not be issued.

Approximately two months after Commission approval, on April 2, 2012, NIPSCO launched its IN-Charge Electric Vehicle Program – “At Home.” As of January 31, 2014, NIPSCO had received 176 customer enrollment requests. Of these 176 requests, 108 have gone well beyond the initial inquiry. Of these 108, home charger and second meter installations have been completed for 100 customers and an additional 8 customers are moving forward with scheduling installations. Estimates for installation costs, including the cost of a home EV charger, ranged from \$667 to \$5,153 with an average of \$1,899. The average incentive amount used by customers with completed installations was \$1,615.

NIPSCO has ten Level 2 charging ports and three Level 1 charging ports at NIPSCO locations in Merrillville (4 L2 & 3 L1), Valparaiso (2 L2), Hammond (2 L2) and Crown Point (2 L2). The Merrillville stations became operational in February 2012 and the other locations in October 2013. The charging stations are connected to the Charge Point network and include capabilities to allow customers to know if the stations are currently in use.

## **II. Location of Known Plug-in Electric Vehicles:**

### **A. Summary**

Before the launch of NIPSCO’s IN-Charge Program, NIPSCO was aware of only two residential EV locations and had a general idea of the location of approximately 19 EV fleet charging locations. With the launch of the IN-Charge Electric Vehicle Program on April 2, 2012, NIPSCO is now aware of 127 additional residential EV locations within Northern Indiana. The information regarding EV locations along with additional information regarding associated charging activity at each location provides NIPSCO with valuable information regarding the load on distribution transformers.

## B. Statistical Data - As of 1/31/2014

Count	Type	City	County	Vehicle	Year	Program Status
1	Residential	Plymouth	Marshall	Chevy Volt	2012	1. Meter Installation Completed
2	Residential	Hobart	Lake	Think City	2011	1. Meter Installation Completed
3	Residential	St. John	Lake	Think City	2012	1. Meter Installation Completed
4	Residential	Hammond	Lake	Nissan Leaf	2012	1. Meter Installation Completed
5	Residential	La Porte	La Porte	Mitsubishi iMev	2012	1. Meter Installation Completed
6	Residential	Valparaiso	Porter	Chevy Volt	2012	1. Meter Installation Completed
7	Residential	Westville	La Porte	Chevy Volt	2012	1. Meter Installation Completed
8	Residential	Highland	Lake	Chevy Volt	2012	1. Meter Installation Completed
9	Residential	Chesterton	Porter	Think City	2012	1. Meter Installation Completed
10	Residential	Crown Point	Lake	Chevy Volt	2012	1. Meter Installation Completed
11	Residential	Valparaiso	Porter	Chevy Volt	2011	1. Meter Installation Completed
12	Residential	Valparaiso	Porter	Chevy Volt	2013	1. Meter Installation Completed
13	Residential	Valparaiso	Porter	Chevy Volt	2012	1. Meter Installation Completed
14	Residential	Lowell	Lake	Chevy Volt	2012	1. Meter Installation Completed
15	Residential	Crown Point	Lake	Mitsubishi iMev	2012	1. Meter Installation Completed
16	Residential	Whiting	Lake	Chevy Volt	2012	1. Meter Installation Completed
17	Residential	Lowell	Lake	Nissan Leaf	2012	1. Meter Installation Completed
18	Residential	Whiting	Lake	Chevy Volt	2012	1. Meter Installation Completed
19	Residential	Hebron	Porter	Chevy Volt	2012	1. Meter Installation Completed
20	Residential	Valparaiso	Porter	Chevy Volt	2012	1. Meter Installation Completed
21	Residential	St. John	Lake	Chevy Volt	2012	1. Meter Installation Completed
22	Residential	Middlebury	Elkhart	Chevy Volt	2012	1. Meter Installation Completed
23	Residential	Chesterton	Porter	Chevy Volt	2012	1. Meter Installation Completed
24	Residential	Valparaiso	Porter	Chevy Volt	2012	1. Meter Installation Completed

Count	Type	City	County	Vehicle	Year	Program Status
25	Residential	Syracuse	Kosciusko	Nissan Leaf	2012	1. Meter Installation Completed
26	Residential	Chesterton	Porter	Think City	2011	1. Meter Installation Completed
27	Residential	Valparaiso	Porter	Chevy Volt	2012	1. Meter Installation Completed
28	Residential	Munster	Lake	Nissan Leaf	2012	1. Meter Installation Completed
29	Residential	Goshen	Elkhart	Nissan Leaf	2012	1. Meter Installation Completed
30	Residential	Cedar Lake	Lake	Chevy Volt	2012	1. Meter Installation Completed
31	Residential	Hammond	Lake	Chevy Volt	2012	1. Meter Installation Completed
32	Residential	Michigan City	La Porte	Nissan Leaf	2012	1. Meter Installation Completed
33	Residential	Bristol	Elkhart	Chevy Volt	2012	1. Meter Installation Completed
34	Residential	Valparaiso	Porter	Tesla S	2012	1. Meter Installation Completed
35	Residential	Munster	Lake	Chevy Volt	2012	1. Meter Installation Completed
36	Residential	Chesterton	Porter	Chevy Volt	2012	1. Meter Installation Completed
37	Residential	Union Mills	La Porte	Nissan Leaf	2012	1. Meter Installation Completed
38	Residential	Munster	Lake	Chevy Volt	2012	1. Meter Installation Completed
39	Residential	Dyer	Lake	Chevy Volt	2012	1. Meter Installation Completed
40	Residential	Demotte	Jasper	Chevy Volt	2011	1. Meter Installation Completed
41	Residential	Valparaiso	Porter	Chevy Volt	2013	1. Meter Installation Completed
42	Residential	Valparaiso	Porter	Chevy Volt	2011	1. Meter Installation Completed
43	Residential	Bremen	Marshall	Nissan Leaf	2012	1. Meter Installation Completed
44	Residential	Hebron	Porter	Nissan Leaf	2012	1. Meter Installation Completed
45	Residential	Middlebury	Elkhart	Chevy Volt	2013	1. Meter Installation Completed
46	Residential	St. John	Lake	Chevy Volt	2012	1. Meter Installation Completed
47	Residential	Dyer	Lake	Nissan Leaf	2012	1. Meter Installation Completed
48	Residential	Valparaiso	Porter	Chevy Volt	2013	1. Meter Installation Completed
49	Residential	Goshen	Lake	Nissan Leaf	2012	1. Meter Installation Completed

Count	Type	City	County	Vehicle	Year	Program Status
50	Residential	Cedar Lake	Lake	Chevy Volt	2013	1. Meter Installation Completed
51	Residential	Crown Point	Kosciusko	Chevy Volt	2012	1. Meter Installation Completed
52	Residential	Warsaw	Lake	Nissan Leaf	2012	1. Meter Installation Completed
53	Residential	Hammond	Porter	Chevy Volt	2012	1. Meter Installation Completed
54	Residential	Valparaiso	Elkhart	Ford C-Max Energi	2013	1. Meter Installation Completed
55	Residential	Goshen	La Porte	Chevy Volt	2013	1. Meter Installation Completed
56	Residential	La Porte	Lake	Chevy Volt	2013	1. Meter Installation Completed
57	Residential	Hobart	Lake	Nissan Leaf	2012	1. Meter Installation Completed
58	Residential	Munster	Lake	Chevy Volt	2013	1. Meter Installation Completed
59	Residential	Crown Point	Lake	Chevy Volt	2013	1. Meter Installation Completed
60	Residential	Westville	La Porte	Chevy Volt	2012	1. Meter Installation Completed
61	Residential	Dyer	Lake	Tesla S	2013	1. Meter Installation Completed
62	Residential	Crown Point	Lake	Ford Fusion Energi	2013	1. Meter Installation Completed
63	Residential	St. John	Lake	Chevy Volt	2013	1. Meter Installation Completed
64	Residential	Griffith	Lake	Nissan Leaf	2012	1. Meter Installation Completed
65	Residential	Hobart	Lake	Nissan Leaf	2013	1. Meter Installation Completed
66	Residential	Portage	Porter	Nissan Leaf	2012	1. Meter Installation Completed
67	Residential	Dyer	Lake	Nissan Leaf	2013	1. Meter Installation Completed
68	Residential	Cedar Lake	Lake	Chevy Volt	2013	1. Meter Installation Completed
69	Residential	Schererville	Lake	Tesla S	2013	1. Meter Installation Completed
70	Residential	Dyer	Lake	Nissan Leaf	2013	1. Meter Installation Completed
71	Residential	Howe	LaGrange	Ford C-Max Energi	2013	1. Meter Installation Completed
72	Residential	Highland	Lake	Nissan Leaf	2013	1. Meter Installation Completed
73	Residential	Dyer	Lake	Nissan Leaf	2013	1. Meter Installation Completed
74	Residential	Merrillville	Lake	Chevy Volt	2013	1. Meter Installation Completed

Count	Type	City	County	Vehicle	Year	Program Status
75	Residential	Plymouth	Elkhart	Ford C-Max Energi	2013	1. Meter Installation Completed
76	Residential	Valparaiso	Porter	Nissan Leaf	2013	1. Meter Installation Completed
77	Residential	Dyer	Lake	Chevy Volt	2013	1. Meter Installation Completed
78	Residential	Portage	Porter	Chevy Volt	2013	1. Meter Installation Completed
79	Residential	Goshen	Elkhart	Nissan Leaf	2013	1. Meter Installation Completed
80	Residential	Crown Point	Lake	Chevy Volt	2011	1. Meter Installation Completed
81	Residential	Hobart	Lake	Chevy Volt	2013	1. Meter Installation Completed
82	Residential	Highland	Lake	Ford Fusion Energi	2013	1. Meter Installation Completed
83	Residential	Hammond	Lake	Nissan Leaf	2013	1. Meter Installation Completed
84	Residential	Schererville	Lake	Chevy Volt	2013	1. Meter Installation Completed
85	Residential	Valparaiso	Porter	Chevy Volt	2011	1. Meter Installation Completed
86	Residential	Munster	Lake	Chevy Volt	2014	1. Meter Installation Completed
87	Residential	Dyer	Lake	Chevy Volt	2013	1. Meter Installation Completed
88	Residential	Crown Point	Lake	Tesla Roadster	2010	1. Meter Installation Completed
89	Residential	Merrillville	Lake	Chevy Volt	2013	1. Meter Installation Completed
90	Residential	Crown Point	Lake	Chevy Volt	2012	1. Meter Installation Completed
91	Residential	Portage	Porter	Chevy Volt	2012	1. Meter Installation Completed
92	Residential	Goshen	Elkhart	Nissan Leaf	2013	1. Meter Installation Completed
93	Residential	Chesterton	Porter	Tesla S	2013	1. Meter Installation Completed
94	Residential	Crown Point	Lake	Chevy Volt	2013	1. Meter Installation Completed
95	Residential	Crown Point	Lake	Nissan Leaf	2013	1. Meter Installation Completed
96	Residential	Griffith	Lake	Nissan Leaf	2013	1. Meter Installation Completed
97	Residential	Hammond	Lake	Nissan Leaf	2013	1. Meter Installation Completed
98	Residential	Porter	Porter	Chevy Volt	2013	1. Meter Installation Completed
99	Residential	Munster	Lake	Tesla S	2013	1. Meter Installation Completed



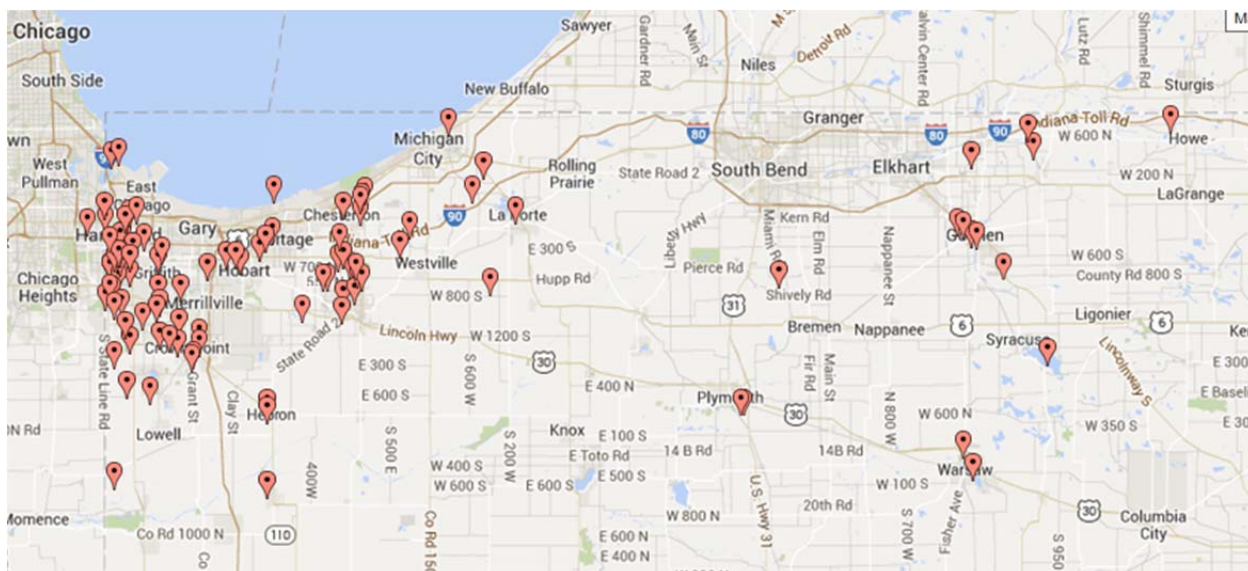
Count	Type	City	County	Vehicle	Year	Program Status
100	Residential	Warsaw	Kosciusko	Chevy Volt	2013	1. Meter Installation Completed
101	Residential	Dyer	Lake	Nissan Leaf	2013	1b. Meter Installation Being Scheduled
102	Residential	Hobart	Hobart	Ford C-Max Energi	2013	1c. Waiting on Fax from Inspector
103	Residential	Lowell	Lowell	Chevy Volt	2014	1c. Waiting on Fax from Inspector
104	Residential	Chesterton	Chesterton	Tesla S	2013	1c. Waiting on Fax from Inspector
105	Residential	Goshen	Goshen	Tesla S	2013	1c. Waiting on Fax from Inspector
106	Residential	Hobart	Lake	Smart	2013	2. EVSE Installation Completed, Waiting on Customer to Proceed
107	Residential	Portage	Lake	Tesla S	2012	2a. EVSE Installation Scheduled
108	Residential	Cedar Lake	Cedar Lake	Nissan Leaf		2b. In Process of Scheduling EVSE Installation
109	Residential	Schererville	Lake	Chevy Volt	2013	3. Site Survey Completed - Waiting on more information from customer
110	Residential	Crown Point	Lake	Nissan Leaf	2012	3. Site Survey Completed - Waiting on more information from customer
111	Residential	Schererville	Lake	Chevy Volt	2013	3. Site Survey Completed - Waiting on more information from customer
112	Residential	Michigan City	La Porte	Chevy Volt	2013	3. Site Survey Completed - Waiting on more information from customer
113	Residential	Schererville	Lake	Nissan Leaf	2013	3. Site Survey Completed - Waiting on more information from customer
114	Residential	Lowell	Lake	Nissan Leaf	2013	3. Site Survey Completed - Waiting on more information from customer
115	Residential	Hammond	Lake	Nissan Leaf	2011	3. Site Survey Completed - Waiting on more information from customer
116	Residential	Crown Point	Crown Point	Chevy Volt	2014	3. Site Survey Completed - Waiting on more information from customer
117	Residential	Goshen	Goshen	Ford C-Max Energi	2014	3. Site Survey Completed - Waiting on more information from customer
118	Residential	Portage	Portage	Chevy Volt	2013	3. Site Survey Completed - Waiting on more information from customer
119	Residential	Crown Point	Crown Point	Chevy Volt	2014	3. Site Survey Completed - Waiting on more information from customer
120	Residential	Valparaiso	Valparaiso	Toyota Prius Plug In	2013	3. Site Survey Completed - Waiting on more information from customer
121	Residential	Schererville	Schererville	Nissan Leaf	2013	3. Site Survey Completed - Waiting on more information from customer
122	Residential	Lowell	Lake	Chevy Volt	2013	3b. In Process of Scheduling Site Survey
123	Residential	Whiting	Lake	Nissan Leaf	2013	3b. In Process of Scheduling Site Survey
124	Residential	Crown Point	Lake	Nissan Leaf	2013	3b. In Process of Scheduling Site Survey

Count	Type	City	County	Vehicle	Year	Program Status
125	Residential	Monticello	White	Toyota RAV 4 EV	2012	3b. In Process of Scheduling Site Survey
126	Residential	Warsaw	Kosciusko	Fisker Karma	2012	3b. In Process of Scheduling Site Survey
127	Residential	Schererville	Schererville	Tesla S	2013	3b. In Process of Scheduling Site Survey
128	Residential	Westville	Westville			3b. In Process of Scheduling Site Survey
129	Residential	Demotte	Demotte	Nissan Leaf	2013	3b. In Process of Scheduling Site Survey
130	Residential	Goshen	Goshen	Nissan Leaf	2014	3b. In Process of Scheduling Site Survey
131	Residential	Warsaw	Warsaw	Tesla S	2013	3b. In Process of Scheduling Site Survey
132	Residential	Whiting	Whiting	Nissan Leaf	2013	3b. In Process of Scheduling Site Survey
133	Residential	Syracuse	Kosciusko	Tesla S	2014	3b. In Process of Scheduling Site Survey
134	Residential	Westville	La Porte	Tesla S	2013	4. Waiting for Customer Response to Complete Online Survey
135	Residential	Beverly Shores	Porter	Tesla S	2013	4. Waiting for Customer Response to Complete Online Survey
136	Residential	?	?			5. Customer Requested to be Re-contacted at Later Date
137	Residential	Whiting	Lake			5a. General Inquiry
138	Residential	?	?			5a. General Inquiry
139	Residential	?	?			5a. General Inquiry
140	Residential	?	?			5a. General Inquiry
141	Residential	?	?			5a. General Inquiry
142	Residential	?	?			5a. General Inquiry
143	Residential	?	?			5a. General Inquiry
144	Residential	?	?		2014	5a. General Inquiry
145	Residential	?	?			5a. General Inquiry
146	Residential	Valparaiso	Porter	Chevy Volt	2012	6. Customer Opt Out
147	Residential	Valparaiso	Porter	Chevy Volt	2012	6. Customer Opt Out
148	Residential	Chesterton	Porter	Nissan Leaf	2012	6. Customer Opt Out
149	Residential	Lowell	Lake	Chevy Volt	2012	6. Customer Opt Out

Count	Type	City	County	Vehicle	Year	Program Status
150	Residential	Valparaiso	Porter	Nissan Leaf	2012	6. Customer Opt Out
151	Residential	Valparaiso	Porter	Ford Fusion Energi	2013	6. Customer Opt Out
152	Residential	Valparaiso	Porter	Chevy Volt	2012	6. Customer Opt Out
153	Residential	Valparaiso	Porter	Chevy Volt	2013	6. Customer Opt Out
154	Residential	Munster	Lake	Nissan Leaf	2012	6. Customer Opt Out
155	Residential	?	?			6. Customer Opt Out
156	Residential	Valparaiso	Porter	Tesla S	2013	6. Customer Opt Out
157	Residential	Duneland Beach	La Porte	Tesla S	2013	6. Customer Opt Out
158	Residential	Munster	Lake	Chevy Volt	2012	6. Customer Opt Out
159	Residential	Beverly Shores	Porter	Toyota Prius Plug In	2013	6. Customer Opt Out
160	Residential	Chesterton	Porter	Chevy Volt	2013	6. Customer Opt Out
161	Residential	Valparaiso	Porter	Honda Accord EV	1993	7. Customer Not Qualified
162	Residential	Crown Point	Lake	Chevy Volt	2012	7. Customer Not Qualified
163	Residential	Munster	Lake			7. Customer Not Qualified
164	Residential	Elkhart	Elkhart	Ford C-Max Energi	2013	7. Customer Not Qualified
165	Residential	East Chicago	Lake	Nissan Leaf	2012	7. Customer Not Qualified
166	Residential	Crown Point	Lake	Chevy Volt	2012	7. Customer Not Qualified
167	Residential	La Porte	La Porte	Ford Ranger	1996	7. Customer Not Qualified
168	Residential	Ormond Beach	?			7. Customer Not Qualified
169	Residential	Mishawaka	St. Joseph	Tesla S	2013	7. Customer Not Qualified
170	Residential	Elkhart	Elkhart	Chevy Volt	2012	7. Customer Not Qualified
171	Residential	Churubusco	Whitley	Chevy Volt	2013	7. Customer Not Qualified
172	Residential	Valparaiso	Porter	Chevy Volt	2013	7. Customer Not Qualified
173	Residential	Fort Wayne	Allen	Nissan Leaf	2013	7. Customer Not Qualified
174	Residential	Fort Wayne	Allen	Nissan Leaf	2011	7. Customer Not Qualified

Count	Type	City	County	Vehicle	Year	Program Status
175	Residential	Indianapolis	Marion	Ford C-Max Energi	2013	7. Customer Not Qualified
176	Residential	Crown Point	Lake	Tesla S	2013	7. Customer Not Qualified

### C. Approximate Location of Known Residential Plug-in Electric Vehicles in NIPSCO's Electric Service Territory



## III. Residential Home Charging Station Installations:

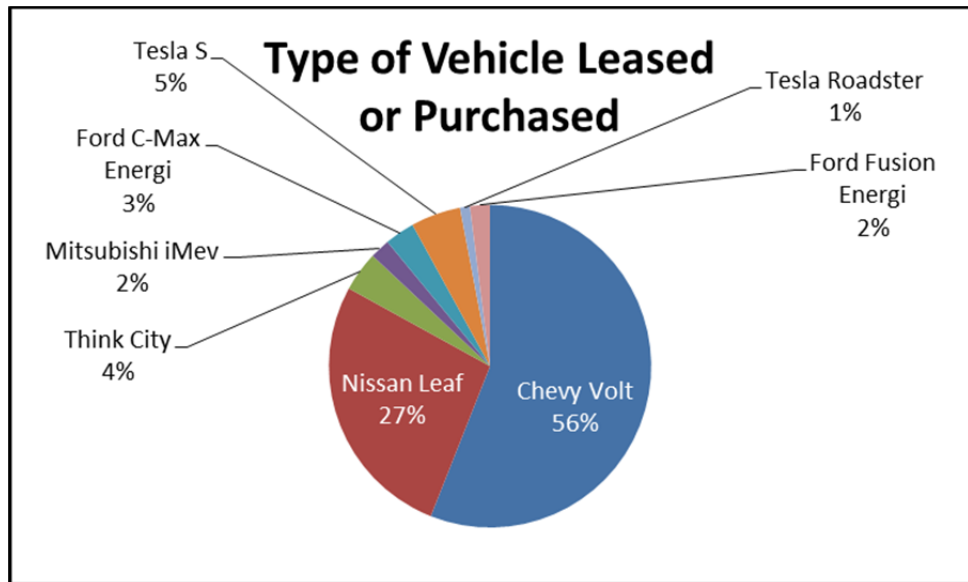
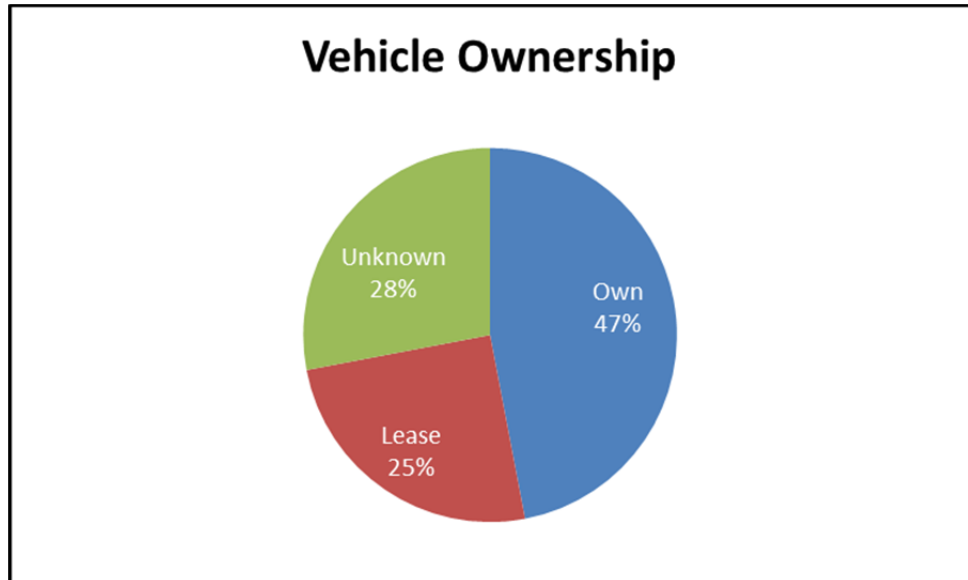
### A. Summary

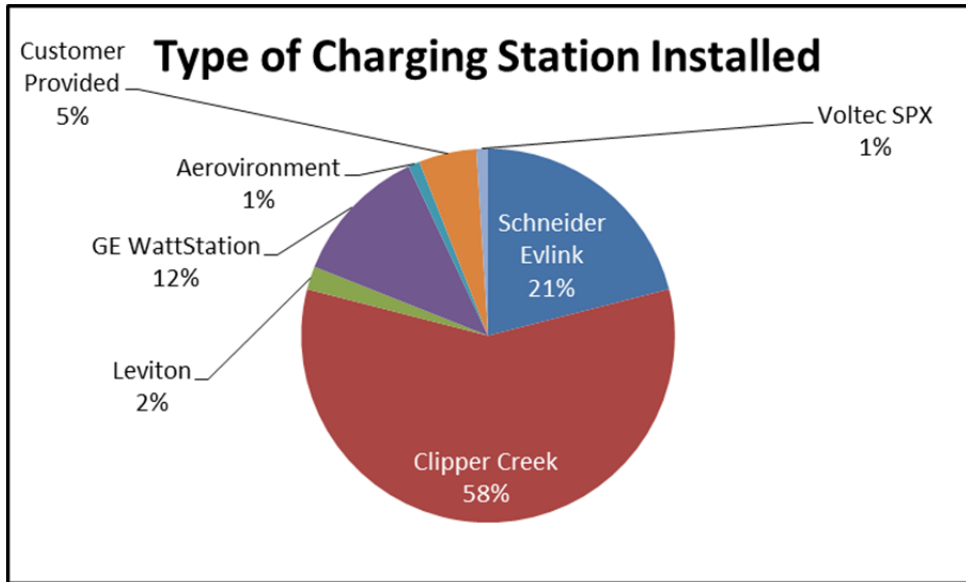
NIPSCO launched its *IN-Charge Electric Vehicle Program* – “At Home” to the public on April 2, 2012 with a focus on promoting the adoption of electric vehicles in the residential sector. During the fourth quarter of Program Year 2 (11/1/13 – 1/31/14), NIPSCO received 23 additional requests to enroll in the program, bringing the total requests to 176. In addition, 11 additional residential home chargers have been installed during the fourth quarter bringing the total number of customers with completed installations to 100.

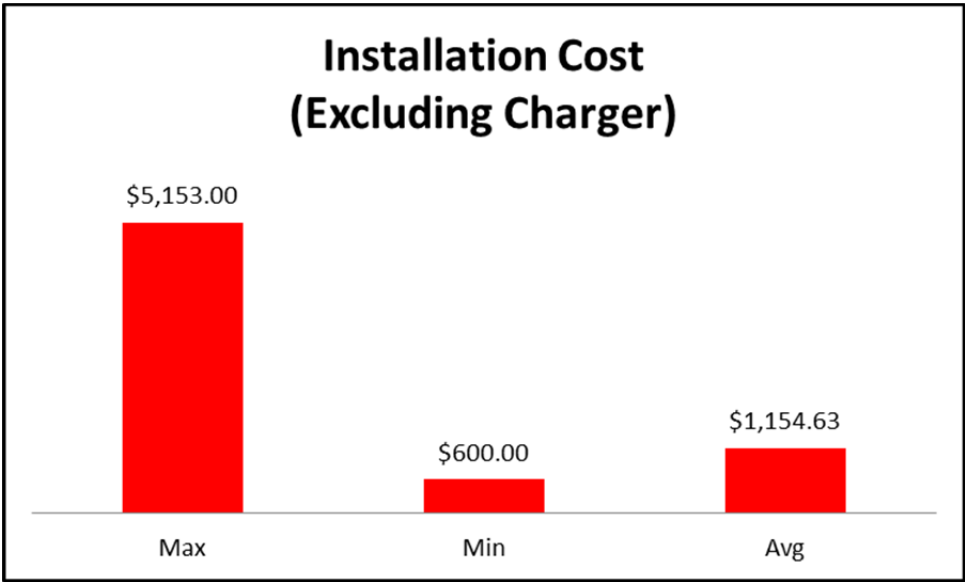
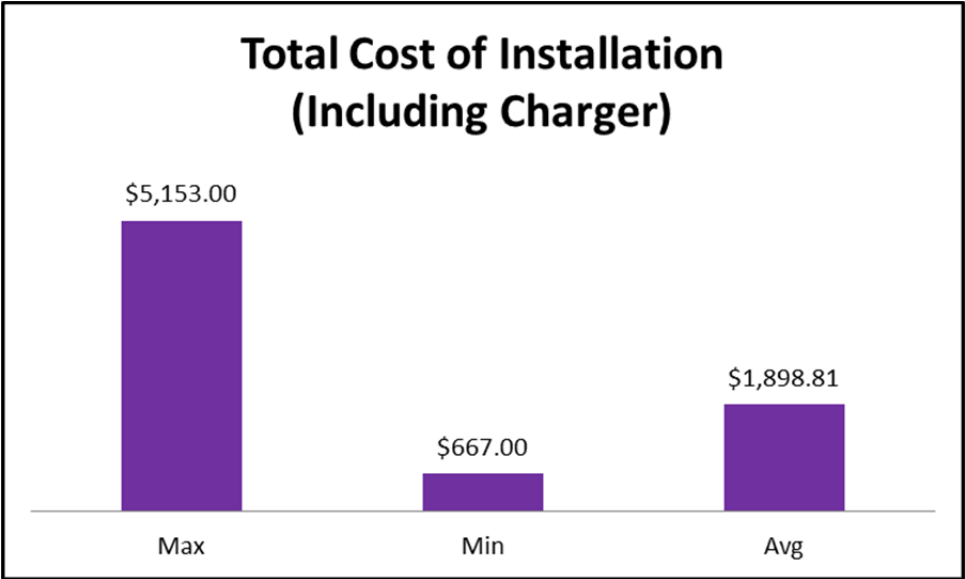
The table below provides a summary of the status of the 176 enrollment requests:

NIPSCO's IN-Charge Electric Vehicle Program - At Home Status Summary as of Jan 31, 2014		
Meter Installation Process	Completed	100
	In Scheduling Process	5
Home Charger Installation Process	Completed & Waiting on Customer to Proceed	1
	In Scheduling Process	2
Site Survey Process	Survey Completed - Waiting on more info from customer	13
	In Scheduling Process	12
Enrollment Process	Waiting for Customer Response to Complete Online Survey	2
	Requested to be Recontacted at Later Date	1
	General Inquiry	9
	Decided Not to proceed	15
	Customer Not Qualified	16
	Waiting on NIPSCO	0
Total Requests to Enroll		176

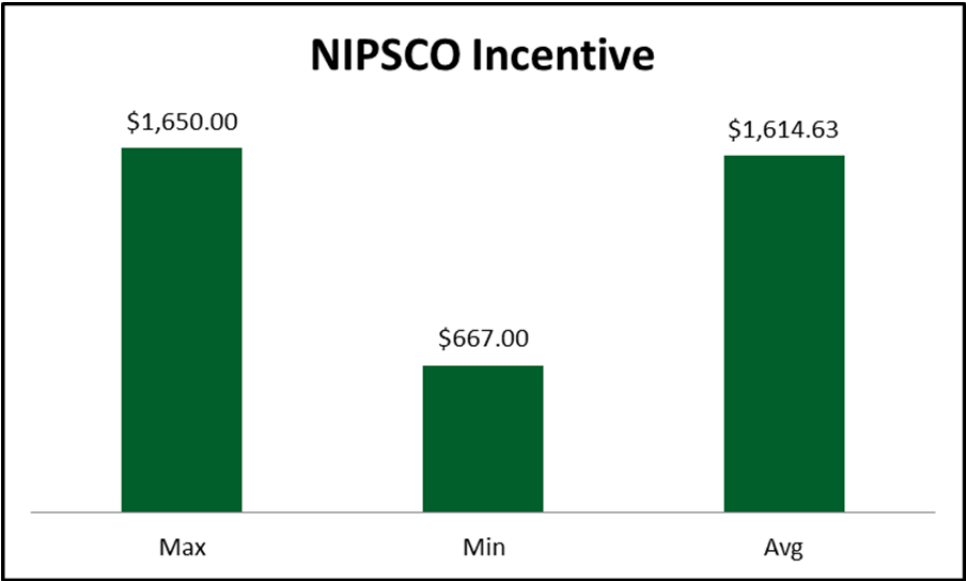
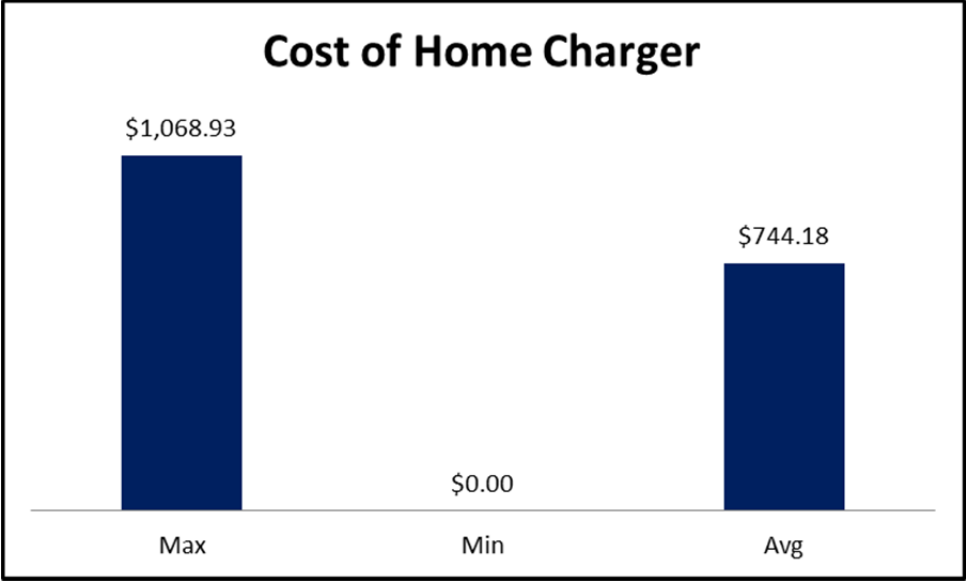
**B. Statistical Data for Completed Installations - As of January 31, 2014**

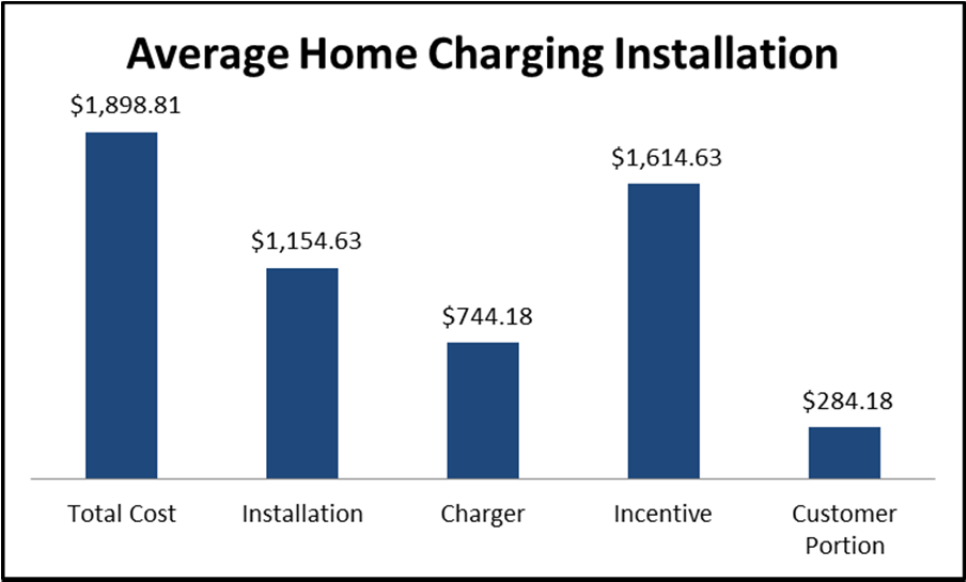
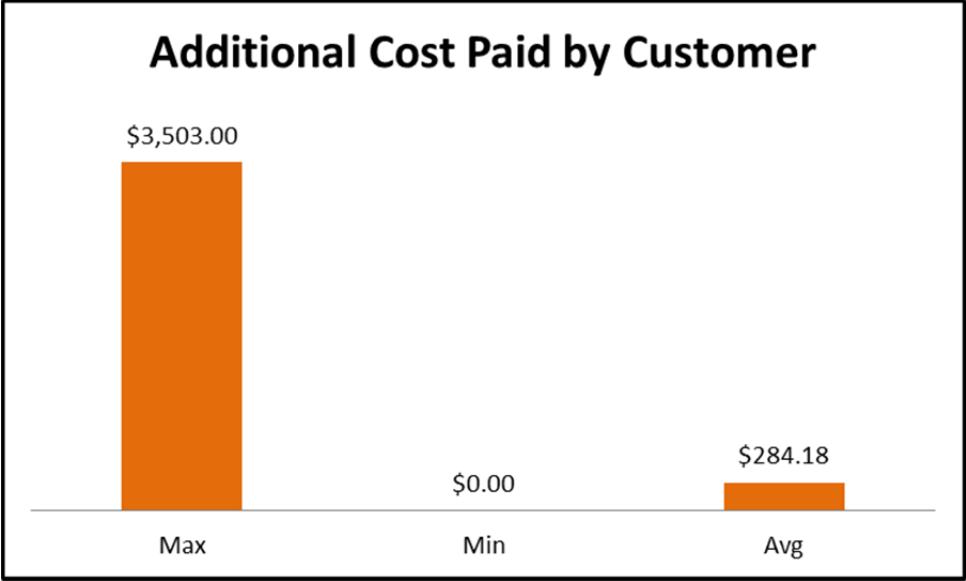












**C. Location of Residential Home EV Charging Station Installations within NIPSCO's Electric Service Territory**

Residential Home Charging Station Installation								Vehicle Profile		
Count	City	County	Type of Charger	Cost of Charger	Total Cost of Installation (Including Charger)	Incentive Applied	Net Customer Cost	Vehicle owned or Purchased	Vehicle Replaced	Avg Miles Driven Per Day
1	Plymouth	Marshall	Schneider Evlink	\$799.00	\$1,668.00	\$1,650.00	\$18.00	Chevy Volt	Jaguar XF (2009)	60
2	Hobart	Lake	Clipper Creek	\$769.00	\$2,081.00	\$1,650.00	\$431.00	Think City	Mitsubishi Galant (1996)	30
3	St. John	Lake	Schneider Evlink	\$799.00	\$2,028.78	\$1,650.00	\$378.78	Think City	N/A	40
4	Hammond	Lake	Leviton	\$999.00	\$1,599.00	\$1,599.00	\$0.00	Nissan Leaf	Nissan Altima (2010)	55
5	La Porte	La Porte	Schneider Evlink	\$799.00	\$1,587.20	\$1,587.20	\$0.00	Mitsubishi iMev	Honda CRV (2000)	20
6	Valparaiso	Porter	Schneider EVlink	\$769.00	\$1,666.28	\$1,650.00	\$16.28	Chevy Volt	Saturn L300 (2002)	35
7	Westville	La Porte	Schneider EVlink	\$799.00	\$1,542.76	\$1,542.76	\$0.00	Chevy Volt	Dodge Caravan (1997)	30
8	Highland	Lake	Schneider EVlink	\$799.00	\$1,696.36	\$1,650.00	\$46.36	Chevy Volt	Camry Hybrid (2011)	50
9	Chesterton	Porter	Schneider EVlink	\$779.00	\$1,870.20	\$1,650.00	\$220.20	Think City	N/A	75
10	Crown Point	Lake	Schneider EVlink	\$799.00	\$1,526.60	\$1,526.60	\$0.00	Chevy Volt	Chevy Impala (2003)	40
11	Valparaiso	Porter	Clipper Creek	\$769.00	\$1,551.40	\$1,551.40	\$0.00	Chevy Volt	Lexus 430 (2004)	35
12	Valparaiso	Porter	Schneider EVlink	\$799.00	\$1,466.00	\$1,466.00	\$0.00	Chevy Volt	Kia Sportage (1999)	135
13	Valparaiso	Porter	Schneider EVlink	\$799.00	\$1,811.68	\$1,650.00	\$161.68	Chevy Volt	Chrysler Pacifica (2005)	60
14	Lowell	Lake	GE WattStation	\$999.00	\$2,113.00	\$1,650.00	\$463.00	Chevy Volt	Ford F150 (1995)	75
15	Crown Point	Lake	Clipper Creek	\$769.00	\$1,496.00	\$1,496.00	\$0.00	Mitsubishi iMev	Chevy pickup truck (1997)	20
16	Whiting	Lake	GE WattStation	\$999.00	\$1,896.36	\$1,650.00	\$246.36	Chevy Volt	VW Jetta (2008)	40
17	Lowell	Lake	Owns AV charger (Nissan Leaf)	\$0.00	\$667.00	\$667.00	\$0.00	Nissan Leaf	N/A	30
18	Whiting	Lake	GE WattStation	\$1,068.93	\$2,091.29	\$1,650.00	\$441.29	Chevy Volt	Isuzu Trooper (1993)	40

	Residential Home Charging Station Installation							Vehicle Profile		
Count	City	County	Type of Charger	Cost of Charger	Total Cost of Installation (Including Charger)	Incentive Applied	Net Customer Cost	Vehicle owned or Purchased	Vehicle Replaced	Avg Miles Driven Per Day
19	Hebron	Porter	Clipper Creek	\$769.00	\$1,593.64	\$1,593.64	\$0.00	Chevy Volt	Chevy Impala (2007)	80
20	Valparaiso	Porter	Owns Voltec SPX charger	\$0.00	\$800.00	\$800.00	\$0.00	Chevy Volt	Ford Fusion Hybrid (2010)	30
21	St. John	Lake	Clipper Creek	\$769.00	\$1,763.32	\$1,650.00	\$113.32	Chevy Volt	Nissan Murano (2004)	33
22	Middlebury	Elkhart	GE WattStation	\$999.00	\$1,799.40	\$1,650.00	\$149.40	Chevy Volt	Chevy Traverse (2010)	20
23	Chesterton	Porter	GE WattStation	\$999.00	\$2,093.32	\$1,650.00	\$443.32	Chevy Volt	Volvo S70 (1998)	35
24	Valparaiso	Porter	Clipper Creek	\$769.00	\$1,908.78	\$1,650.00	\$258.78	Chevy Volt	Chevy Trailblazer SS	36
25	Syracuse	Kosciusko	Schneider EVlink	\$799.00	\$1,647.88	\$1,647.88	\$0.00	Nissan Leaf	N/A	40
26	Chesterton	Porter	Schneider EVlink	\$799.00	\$2,014.84	\$1,650.00	\$364.84	Think City	Mazda 3 (2005)	55
27	Valparaiso	Porter	Clipper Creek	\$769.00	\$1,823.32	\$1,650.00	\$173.32	Chevy Volt	Toyota FJ Cruiser (2010)	15
28	Munster	Lake	Owned a charger already Aerovironment	\$0.00	\$1,070.40	\$1,070.40	\$0.00	Nissan Leaf	Chevy Impala (2000)	14
29	Goshen	Elkhart	Schneider Evlink	\$799.00	\$1,599.40	\$1,599.40	\$0.00	Nissan Leaf	N/A	25
30	Cedar Lake	Lake	Schneider Evlink	\$799.00	\$1,647.88	\$1,647.88	\$0.00	Chevy Volt	Chrysler Intrepid (2003)	40
31	Hammond	Lake	GE WattStation	\$999.00	\$1,799.40	\$1,650.00	\$149.40	Chevy Volt	2010 Chevy impala	100
32	Michigan City	La Porte	GE WattStation	\$999.00	\$2,134.00	\$1,650.00	\$484.00	Nissan Leaf	Chrysler Mini Van 2012	125
33	Bristol	Elkhart	Schneider Evlink	\$799.00	\$1,732.80	\$1,650.00	\$82.80	Chevy Volt	2006 Toyota Highlander Hybrid	50
34	Valparaiso	Porter	Customer provided	\$0.00	\$1,616.60	\$1,616.60	\$0.00	Tesla S	Infiniti G37X 2010	20
35	Munster	Lake	Clipper Creek	\$769.00	\$2,029.04	\$1,650.00	\$379.04	Chevy Volt	Pontiac Grand Prix GTP 1997	20
36	Chesterton	Porter	Clipper Creek	\$769.00	\$1,619.40	\$1,619.40	\$0.00	Chevy Volt	Buick Lucerne 2009	45

Residential Home Charging Station Installation								Vehicle Profile		
Count	City	County	Type of Charger	Cost of Charger	Total Cost of Installation (Including Charger)	Incentive Applied	Net Customer Cost	Vehicle owned or Purchased	Vehicle Replaced	Avg Miles Driven Per Day
37	Union Mills	La Porte	CC or Leviton	\$999.00	\$1,799.40	\$1,650.00	\$149.40	Nissan Leaf	Ford F150	54
38	Munster	Lake	GE WattStation	\$999.00	\$1,922.12	\$1,650.00	\$272.12	Chevy Volt	0	75
39	Dyer	Lake	Clipper Creek	\$769.00	\$1,940.60	\$1,650.00	\$290.60	Chevy Volt	2008 Honda Civic	70
40	Demotte	Jasper	Clipper Creek	\$769.00	\$1,729.48	\$1,650.00	\$79.48	Chevy Volt	Chevrolet avalanche 2005	34
41	Valparaiso	Porter	Schneider Evlink	\$799.00	\$2,096.72	\$1,650.00	\$446.72	Chevy Volt	Hummer	24
42	Valparaiso	Porter	ClipperCreek	\$769.00	\$1,729.48	\$1,650.00	\$79.48	Chevy Volt	Nissan Altima (2002)	50
43	Bremen	Marshall	GE WattStation	\$999.00	\$2,142.64	\$1,650.00	\$492.64	Nissan Leaf	Ford Fusion SEL 2010	50
44	Hebron	Porter	Clipper Creek	\$769.00	\$1,650.00	\$1,650.00	\$0.00	Nissan Leaf	2011 Hyundai sonata	35
45	Middlebury	Elkhart	Clipper Creek	\$769.00	\$1,837.64	\$1,650.00	\$187.64	Chevy Volt	2010 Ford Expedition EL	45
46	St. John	Lake	Schneider EVlink	\$799.00	\$1,845.92	\$1,650.00	\$195.92	Chevy Volt	Chevy HHR 2006	40
47	Dyer	Lake	Schneider EVlink	\$799.00	\$1,732.80	\$1,650.00	\$82.80	Nissan Leaf	2006 Honda Civic	55
48	Valparaiso	Porter	GE WattStation	\$999.00	\$1,649.00	\$1,649.00	\$0.00	Chevy Volt	Chrysler, 300M Special, 2004	40
49	Goshen	Lake	GE WattStation	\$999.00	\$2,215.60	\$1,650.00	\$565.60	Nissan Leaf	Ford Fiesta 2011	30
50	Cedar Lake	Lake	Clipper Creek	\$769.00	\$1,702.80	\$1,650.00	\$52.80	Chevy Volt	1996 Saturn sl2	60
51	Crown Point	Kosciusko	GE WattStation	\$799.00	\$1,895.92	\$1,650.00	\$245.92	Chevy Volt	Toyota Sienna 2002	35
52	Warsaw	Lake	Clipper Creek	\$769.00	\$1,752.83	\$1,650.00	\$102.83	Nissan Leaf	Chrysler PT Cruiser 2001	20
53	Hammond	Porter	Schneider Evlink	\$799.00	\$2,052.83	\$1,650.00	\$402.83	Chevy Volt	0	30
54	Valparaiso	Elkhart	Schneider Evlink	\$799.00	\$1,832.00	\$1,650.00	\$182.00	Ford C-Max Energi	GMC Yukon	50
55	Goshen	La Porte	Clipper Creek	\$769.00	\$1,569.40	\$1,569.40	\$0.00	Chevy Volt	Chevy Equinox	60
56	La Porte	Lake	Schneider Evlink	\$799.00	\$1,831.20	\$1,650.00	\$181.20	Chevy Volt	Nissan Altima	35

	Residential Home Charging Station Installation							Vehicle Profile		
Count	City	County	Type of Charger	Cost of Charger	Total Cost of Installation (Including Charger)	Incentive Applied	Net Customer Cost	Vehicle owned or Purchased	Vehicle Replaced	Avg Miles Driven Per Day
57	Hobart	Lake	Clipper Creek	\$769.00	\$1,749.00	\$1,650.00	\$99.00	Nissan Leaf	Jeep Grand Cherokee	40
58	Munster	Lake	Clipper Creek	\$769.00	\$2,152.16	\$1,650.00	\$502.16	Chevy Volt	Ford Taurus 2003	15
59	Crown Point	Lake	Clipper Creek	\$769.00	\$2,214.91	\$1,650.00	\$564.91	Chevy Volt	Saturn 2006	27
60	Westville	La Porte	Clipper Creek	\$769.00	\$1,787.64	\$1,650.00	\$137.64	Chevy Volt	Trailblazer	40
61	Dyer	Lake	Customer Provided	\$0.00	\$2,106.97	\$1,650.00	\$456.97	Tesla S	BMW X5 2008	175
62	Crown Point	Lake	Clipper Creek	\$769.00	\$1,875.00	\$1,650.00	\$225.00	Ford Fusion Energi	Toyota Solara 1999	30
63	St. John	Lake	Clipper Creek	\$769.00	\$1,650.00	\$1,650.00	\$0.00	Chevy Volt		25-30
64	Griffith	Lake	Clipper Creek	\$769.00	\$1,650.00	\$1,650.00	\$0.00	Nissan Leaf	Lexus GS350 2007	50
65	Hobart	Lake	Clipper Creek	\$769.00	\$1,827.00	\$1,650.00	\$177.00	Nissan Leaf		40-50
66	Portage	Porter	Clipper Creek	\$769.00	\$1,650.00	\$1,650.00	\$0.00	Nissan Leaf	Lincoln LS 2004	45
67	Dyer	Lake	Clipper Creek	\$769.00	\$2,079.04	\$1,650.00	\$429.04	Nissan Leaf	Nissan Titan 2004	40
68	Cedar Lake	Lake	Clipper Creek	\$769.00	\$1,877.00	\$1,650.00	\$227.00	Chevy Volt	Chevy Avalanche 2013	90
69	Schererville	Lake	Customer Provided	\$0.00	\$3,481.00	\$1,650.00	\$1,831.00	Tesla S	Bentley Gtc 2008	40
70	Dyer	Lake	Clipper Creek	\$769.00	\$1,800.00	\$1,650.00	\$150.00	Nissan Leaf	Pontiac Grand Prix 2005	60
71	Howe	LaGrange	Clipper Creek	\$769.00	\$1,912.60	\$1,650.00	\$262.60	Ford C-Max Energi	Ford Fusion Hybrid 2013	45
72	Highland	Lake	Clipper Creek	\$769.00	\$2,017.80	\$1,650.00	\$367.80	Nissan Leaf	FORD RANGER 1996	50
73	Dyer	Lake	Clipper Creek	\$769.00	\$2,040.92	\$1,650.00	\$390.92	Nissan Leaf	Chevy Malibu 2009	40
74	Merrillville	Lake	Clipper Creek	\$769.00	\$1,929.04	\$1,650.00	\$279.04	Chevy Volt	Nisan Ultima 2010	50
75	Plymouth	Elkhart	Clipper Creek	\$769.00	\$1,962.64	\$1,650.00	\$312.64	Ford C-Max Energi	Ford	40
76	Valparaiso	Porter	Clipper Creek	\$769.00	\$1,650.00	\$1,650.00	\$0.00	Nissan Leaf	Nissan Murano 2007	20
77	Dyer	Lake	Clipper Creek	\$769.00	\$2,456.10	\$1,650.00	\$806.10	Chevy Volt	Acura TL 2007	35

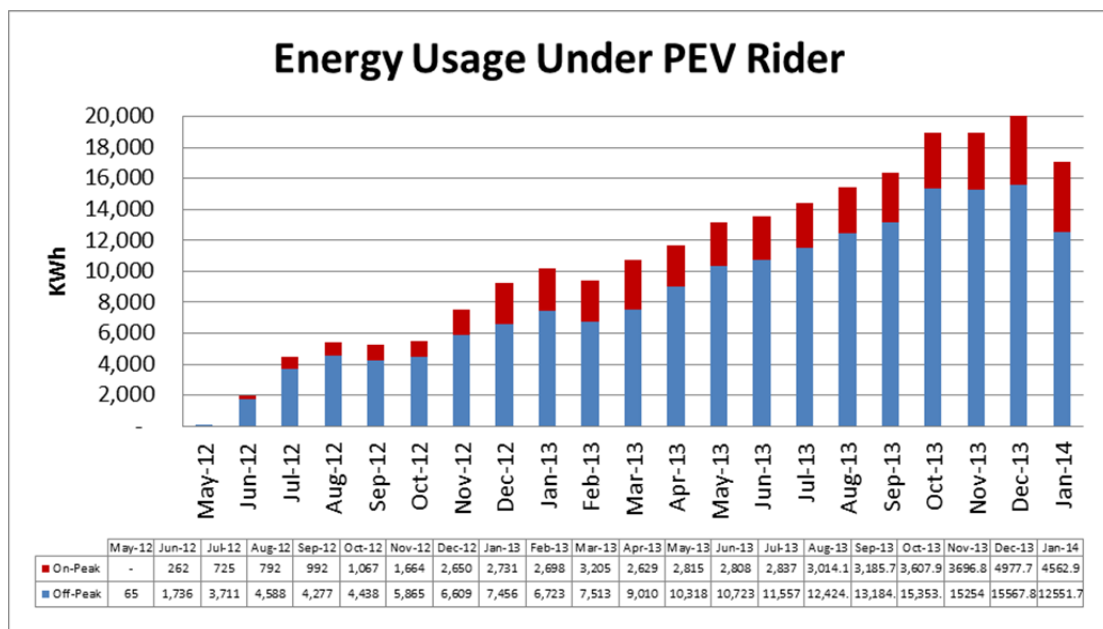
	Residential Home Charging Station Installation							Vehicle Profile		
Count	City	County	Type of Charger	Cost of Charger	Total Cost of Installation (Including Charger)	Incentive Applied	Net Customer Cost	Vehicle owned or Purchased	Vehicle Replaced	Avg Miles Driven Per Day
78	Portage	Porter	Clipper Creek	\$769.00	\$2,052.80	\$1,650.00	\$402.80	Chevy Volt	Chrysler Pacifica 2005	25
79	Goshen	Elkhart	Clipper Creek	\$769.00	\$2,027.80	\$1,650.00	\$377.80	Nissan Leaf	Honda Accord 2013	30
80	Crown Point	Lake	Clipper Creek	\$769.00	\$2,015.92	\$1,650.00	\$365.92	Chevy Volt	Scion TC 2006	30
81	Hobart	Lake	Clipper Creek	\$769.00	\$2,085.60	\$1,650.00	\$435.60	Chevy Volt	Nissan Altima 2012	40
82	Highland	Lake	Clipper Creek	\$769.00	\$2,184.36	\$1,650.00	\$534.36	Ford Fusion Energi	Ford Fusion 2010	10
83	Hammond	Lake	Clipper Creek	\$769.00	\$1,650.00	\$1,650.00	\$0.00	Nissan Leaf	Ford escape 2003	20
84	Schererville	Lake	Clipper Creek	\$769.00	\$2,072.48	\$1,650.00	\$422.48	Chevy Volt	Buick La Crosse 2011	35
85	Valparaiso	Porter	Clipper Creek	\$769.00	\$1,947.48	\$1,650.00	\$297.48	Chevy Volt	Acura tsx 2012	40
86	Munster	Lake	Clipper Creek	\$769.00	\$2,202.80	\$1,650.00	\$552.80	Chevy Volt	Saturn SL 2002	52
87	Dyer	Lake	Clipper Creek	\$769.00	\$1,952.80	\$1,650.00	\$302.80	Chevy Volt	Cadillac Escalade 2004	36
88	Crown Point	Lake	Customer Provided	\$0.00	\$5,153.00	\$1,650.00	\$3,503.00	Tesla Roadster	Honda S2000 2000	30
89	Merrillville	Lake	Clipper Creek	\$769.00	\$1,852.80	\$1,650.00	\$202.80	Chevy Volt	None None None	35
90	Crown Point	Lake	Clipper Creek	\$769.00	\$1,977.80	\$1,650.00	\$327.80	Chevy Volt	Toyota Rav4 2003	50
91	Portage	Porter	Clipper Creek	\$769.00	\$2,359.36	\$1,650.00	\$709.36	Chevy Volt	Mercury Cougar 1996	15
92	Goshen	Elkhart	Clipper Creek	\$769.00	\$2,100.76	\$1,650.00	\$450.76	Nissan Leaf	Hyundai Santa Fe 2008	30
93	Chesterton	Porter	Clipper Creek	\$769.00	\$2,215.00	\$1,650.00	\$565.00	Tesla S	2011 BMW x6	40
94	Crown Point	Lake	Clipper Creek	\$769.00	\$1,650.00	\$1,650.00	\$0.00	Chevy Volt	Jeep Commander 2007	100
95	Crown Point	Lake	Clipper Creek	\$0.00	\$1,563.56	\$1,563.56	\$0.00	Nissan Leaf	audi a4 2011	45
96	Griffith	Lake	Clipper Creek	\$769.00	\$1,977.80	\$1,650.00	\$327.80	Nissan Leaf	Suzuki Swift 1996	40
97	Hammond	Lake	Clipper Creek	\$769.00	\$2,590.92	\$1,650.00	\$940.92	Nissan Leaf	Toyota Prius 2008	60

Residential Home Charging Station Installation								Vehicle Profile		
Count	City	County	Type of Charger	Cost of Charger	Total Cost of Installation (Including Charger)	Incentive Applied	Net Customer Cost	Vehicle owned or Purchased	Vehicle Replaced	Avg Miles Driven Per Day
98	Porter	Porter	Clipper Creek	\$769.00	\$2,365.92	\$1,650.00	\$715.92	Chevy Volt	Chevrolet Malibu 2012	15
99	Munster	Lake	Clipper Creek	\$769.00	\$1,938.00	\$1,650.00	\$288.00	Tesla S	Toyota Highlander Hybrid 2007	70
100	Warsaw	Kosciusko	Clipper Creek	\$769.00	\$2,094.20	\$1,650.00	\$444.20	Chevrolet Volt	Chevrolet Cavalier 1999	33

#### IV. Plug-in Electric Vehicle Charging Behavior

##### A. Residential Home Charging

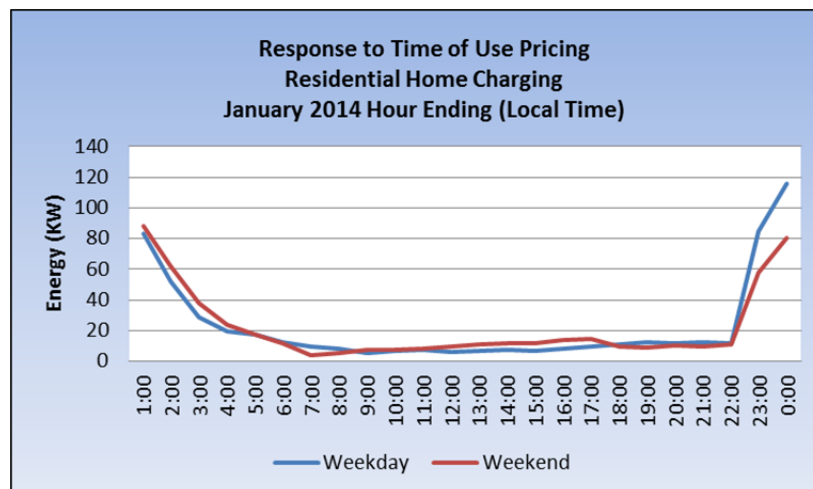
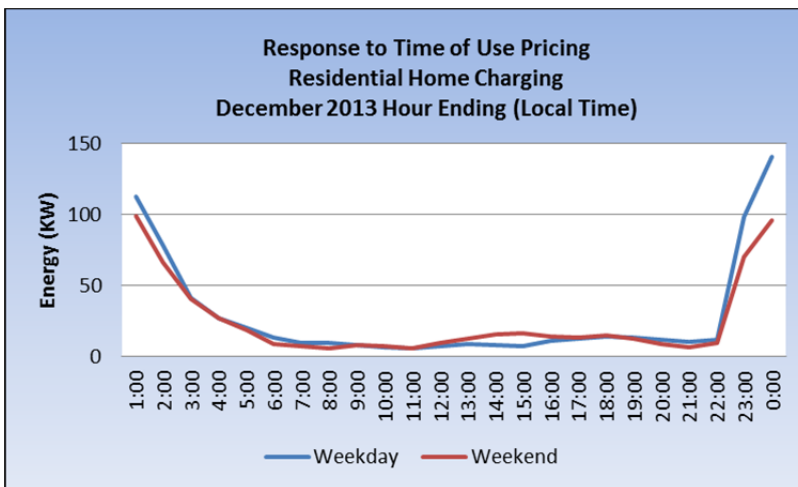
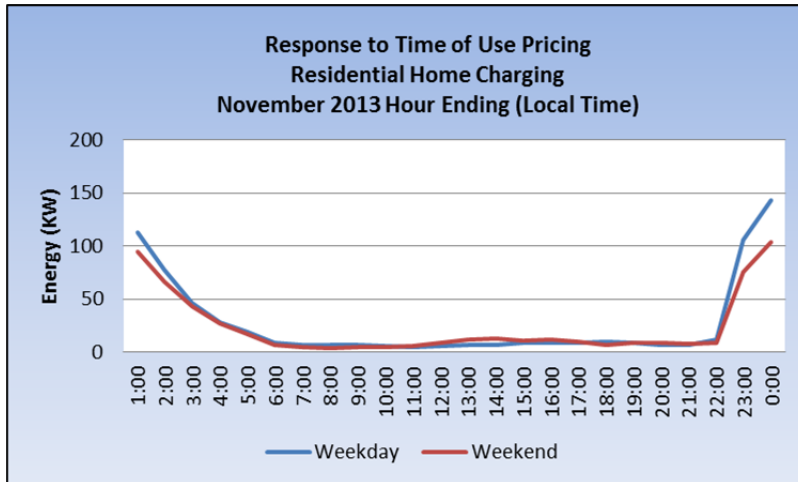
The tables below provide load shape information regarding how customers are responding to free off-peak charging, as well as the impact on system load. Also provided is the total usage by calendar month under the PEV Rider. The data suggests that the offer of free electricity during the off peak hours has a direct impact on the charging habits of its participants and minimizes the impact to system peak load. It is interesting to see a drop in energy during the month of January 2014. It is unclear at this time what the cause for the drop in energy might be. The data suggests, however, that the electric vehicles were not being driven as much during the extreme cold January weather. It is unclear from the data available to NIPSCO if this anomaly is just for electric vehicles or for all vehicles in general during extreme cold weather conditions.



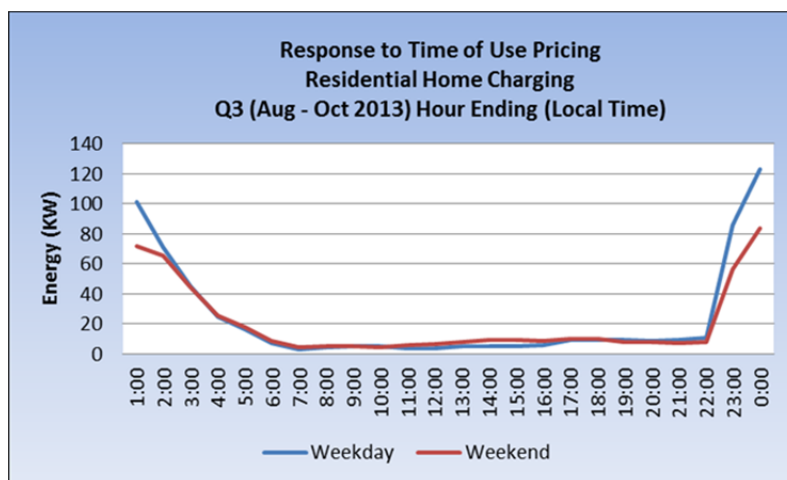
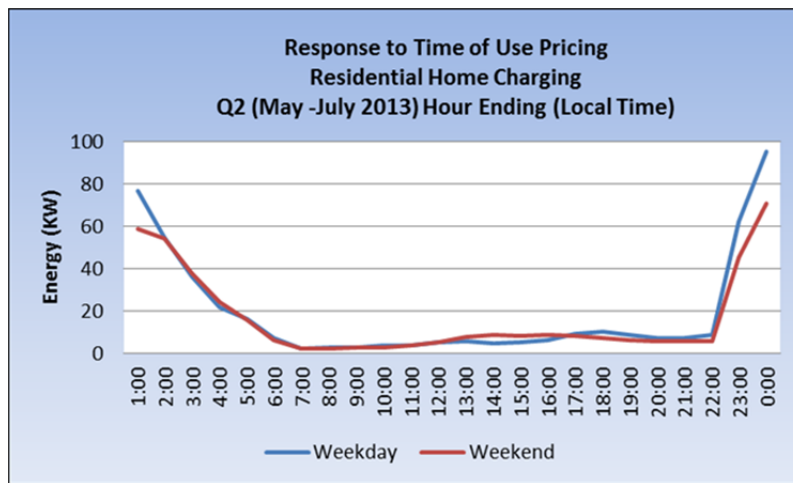
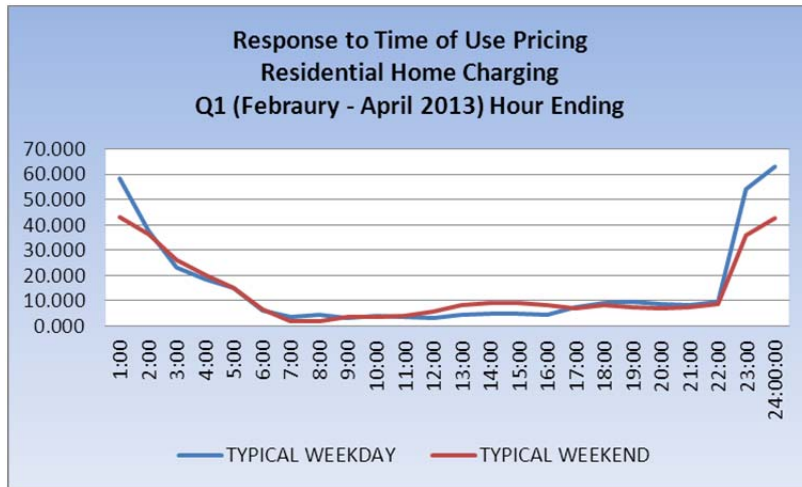


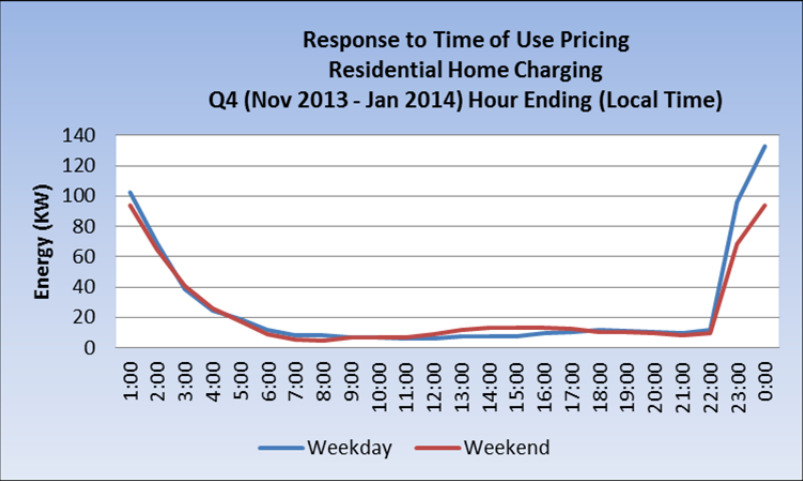
## Quarterly Data

<b>Response to Time of Use Pricing</b> Typical Load Shape for Total Residential EV Charging Load Data Stated in Local Time for both Central and Eastern Time Zones (Off-Peak is 10:00 PM to 6:00 AM Local Time)								
Hr. Ending	<b>Nov-13</b> (No. of Observations = 90 to 92 )		<b>Dec-13</b> (No. of Observations = 92 to 99 )		<b>Jan-14</b> (No. of Observations = 99 )		<b>Quarter</b> (No. of Observations = 90 to 99 )	
	Weekday	Weekend	Weekday	Weekend	Weekday	Weekend	Weekday	Weekend
1:00	112.48	94.52	113.05	99.25	83.41	88.01	102.54	94.16
2:00	77.76	66.89	78.34	66.33	51.89	61.78	68.94	65.12
3:00	46.53	43.57	41.52	40.58	28.54	37.64	38.6	40.71
4:00	27.91	27.22	26.69	26.92	19.53	23.54	24.58	25.98
5:00	18.72	16.42	20.51	18.43	17.34	17.68	18.83	17.5
6:00	8.4	6.9	13.76	8.69	12.65	11.9	11.67	9.06
7:00	6.33	4.47	9.84	7.3	9.46	4.11	8.59	5.34
8:00	6.94	3.66	9.71	5.64	8.61	5.65	8.45	4.96
9:00	6.28	4.3	7.78	7.98	5.74	7.84	6.59	6.66
10:00	5.99	4.93	6.84	7.05	7.17	7.69	6.69	6.51
11:00	4.78	5.53	5.83	5.95	7.73	8.61	6.15	6.63
12:00	5.91	8.92	7	9.35	6.38	9.65	6.43	9.29
13:00	7.16	11.7	8.91	12.95	6.98	10.89	7.69	11.89
14:00	7.2	12.38	7.74	15.37	7.85	11.55	7.6	13.16
15:00	8.54	11.05	7.64	16.14	6.96	11.92	7.69	13.08
16:00	9.22	11.75	11.47	14.05	8.21	13.93	9.62	13.22
17:00	9.02	9.32	12.92	13.75	9.47	14.5	10.47	12.45
18:00	9.84	6.3	14.07	15.21	10.98	9.99	11.65	10.52
19:00	8.39	8.43	13.26	12.87	12.29	9.26	11.37	10.22
20:00	6.98	8.58	11.63	9	11.91	10.68	10.25	9.37
21:00	6.78	7.83	10.28	6.92	12.38	9.46	9.9	8.01
22:00	11.9	8.64	12.24	9.37	11.63	11.36	11.92	9.73
23:00	105.42	75.63	98.32	70.31	84.54	57.64	95.77	68.25
0:00	142.88	103.54	140.8	96.38	116.01	80.73	132.83	94.04



## Annual Data





## V. Voucher Process Timelines:

The following section provides data on the time between various steps in the application process from the initial customer contact to completion of the EV charging station/meter installation.

### A. Residential Home Charging Stations

NIPSCO has averaged 21 days between the initial customer contact date to the date the in-home estimate was performed. The longest span was 190 days, and the shortest was 2 days. The customers with very long lead times for when the in-home estimate was performed were due to the customer choice in delaying the purchase of their PEV. The average span between the in-home estimate and charger installation has increased slightly to 35 days. The longest period was 332 days (customer elected delay) and the shortest was 2 days. The customers with very long lead times for when the EV charger was installed were due to the customer choice in delaying the purchase of their PEV. The average span between charger installation and meter installation was 16 days. The longest period was 103 days and the shortest was 2 days. In total, from the date of enrollment request to the meter installation, i.e., completion, the average total span was 72 days. The longest overall span was 358 days and the shortest was 17 days.

NIPSCO continues to collect and review data to better understand the reasons behind delays in the process that lead to longer than desired spans between steps in the overall enrollment and installation processes. Statistics for the maximum, minimum and average number of days for each step of the enrollment process are noted in the table below. This process level data aids in developing means to improve the IN-Charge – “At Home” Program. During the 4<sup>th</sup> Quarter of Program Year 2 (11/1/13 – 1/31/14), eleven (11) additional customers that are highlighted below in pink have been completed with an average total enrollment request to the meter installation time of 73 days for these customers.

Count	Enrollment Date	Enrollment to Home Estimate	Home Estimate to Charger Install	Charger Install to Meter Install	Enrollment to Meter Install
1	04/09/2012	14	45	20	79
2	04/09/2012	17	41	8	66
3	04/08/2012	18	28	25	71
4	04/09/2012	17	36	6	59
5	04/09/2012	14	50	15	79

Count	Enrollment Date	Enrollment to Home Estimate	Home Estimate to Charger Install	Charger Install to Meter Install	Enrollment to Meter Install
6	04/08/2012	10	50	5	65
7	04/06/2012	17	31	11	59
8	04/07/2012	23	23	7	53
9	04/07/2012	17	42	6	65
10	04/02/2012	17	32	3	52
11	04/08/2012	10	36	15	61
12	04/08/2012	10	48	23	81
13	04/07/2012	11	41	3	55
14	04/02/2012	17	36	11	64
15	04/07/2012	17	42	9	68
16	04/06/2012	24	38	18	80
17	04/02/2012	17	36	11	64
18	04/13/2012	70	13	11	94
19	04/12/2012	18	36	9	63
20	04/12/2012	14	25	3	42
21	04/15/2012	11	35	8	54
22	04/16/2012	21	45	6	72
23	04/20/2012	13	20	12	45
24	05/06/2012	67	7	18	92
25	05/09/2012	48	21	10	79
26	05/14/2012	17	21	6	44
27	05/22/2012	35	9	8	52
28	05/23/2012	13	16	7	36
29	06/05/2012	35	35	9	79

Count	Enrollment Date	Enrollment to Home Estimate	Home Estimate to Charger Install	Charger Install to Meter Install	Enrollment to Meter Install
30	06/07/2012	35	14	15	64
31	07/24/2012	14	58	28	100
32	07/26/2012	56	26	3	85
33	07/27/2012	62	41	7	110
34	07/30/2012	190	73	6	269
35	07/30/2012	66	41	50	157
36	08/01/2012	13	51	8	72
37	08/03/2012	53	55	21	129
38	08/05/2012	2	65	21	88
39	08/08/2012	8	63	29	100
40	08/13/2012	43	56	29	128
41	09/11/2012	14	171	6	191
42	09/12/2012	13	16	8	37
43	09/22/2012	5	19	30	54
44	09/23/2012	19	26	9	54
45	09/28/2012	12	34	16	62
46	10/01/2012	10	39	15	64
47	10/05/2012	20	55	7	82
48	10/13/2012	12	18	8	38
49	10/17/2012	13	332	13	358
50	10/20/2012	30	14	11	55
51	10/23/2012	27	10	8	45
52	10/25/2012	5	36	15	56
53	11/05/2012	7	148	8	163

Count	Enrollment Date	Enrollment to Home Estimate	Home Estimate to Charger Install	Charger Install to Meter Install	Enrollment to Meter Install
54	11/25/2012	8	5	6	19
55	12/19/2012	29	25	16	70
56	12/26/2012	22	19	2	43
57	12/27/2012	21	22	66	109
58	01/25/2013	4	21	13	38
59	01/28/2013	10	8	7	25
60	01/29/2013	9	12	6	27
61	01/31/2013	12	45	12	69
62	02/20/2013	55	22	50	127
63	02/25/2013	15	9	6	30
64	03/11/2013	8	23	8	39
65	03/14/2013	5	23	7	35
66	03/31/2013	9	20	14	43
67	04/03/2013	6	14	3	23
68	04/07/2013	30	17	49	96
69	04/14/2013	25	13	15	53
70	04/15/2013	8	16	8	32
71	04/29/2013	8	22	14	44
72	04/29/2013	22	52	103	177
73	05/26/2013	16	29	43	88
74	06/13/2013	5	80	14	99
75	06/17/2013	29	115	32	176
76	06/18/2013	7	10	49	66
77	06/19/2013	6	17	18	41



Count	Enrollment Date	Enrollment to Home Estimate	Home Estimate to Charger Install	Charger Install to Meter Install	Enrollment to Meter Install
78	06/20/2013	12	21	21	54
79	06/21/2013	11	17	10	38
80	07/01/2013	22	36	35	93
81	06/29/2013	10	22	14	46
82	07/03/2013	13	28	22	63
83	07/13/2013	10	2	5	17
84	07/29/2013	22	21	13	56
85	08/08/2013	12	22	37	71
86	08/10/2013	87	28	20	135
87	08/11/2013	9	14	6	29
88	08/18/2013	12	21	13	46
89	08/20/2013	7	10	14	31
90	08/27/2013	14	10	11	35
91	08/28/2013	13	10	7	30
92	09/17/2013	7	8	16	31
93	09/18/2013	8	21	19	48
94	09/30/2013	10	26	15	51
95	10/01/2013	19	22	11	52
96	10/04/2013	18	35	7	60
97	10/07/2013	15	48	9	72
98	10/15/2013	7	24	20	51
99	11/12/2013	10	20	5	35
100	11/23/2013	10	10	7	27

Count	Enrollment Date	Enrollment to Home Estimate	Home Estimate to Charger Install	Charger Install to Meter Install	Enrollment to Meter Install
Max		190	332	103	358
Min		2	2	2	17
Avg		21	35	16	72

Note: The Quarter 1, Program Year 1 through Quarter 4, Program Year 2 analysis includes only customers who had completed the full installation process. Additional Customers began moving through the process during the 4<sup>th</sup> Quarter of Program Year 2 but no customer with enrollment dates after 11/23/2013 completed the full process prior to 1/31/2014.

## VI. Public Charging Stations

### A. Summary

As of January 31, 2014, fourteen public charging locations exist within NIPSCO's electric service territory. Nine locations (NIPSCO Southlake, NIPSCO Hammond LOA, NIPSCO Crown Pt. LOA, Town of Dyer, Strack & Van Til, Whiting Lakefront Park and three EV dealerships) are within Lake County, two locations (NIPSCO Valpo LOA and one EV dealership) are in Porter County, one location (Michigan City Lighthouse Outlet Mall) is in La Porte County, one location (Tesla Supercharging station) is in Steuben County, and one location (EV dealership public charging) is in Kosciusko County. Five additional public charging locations, which may be used by customers in NIPSCO's IN-Charge Electric Vehicle Pilot Program are found near but outside of NIPSCO's electric service territory. These public charging locations are highlighted in gray in the following table. As shown in the public charging station maps below, many stations can be found in the Chicagoland area to the west and within Michigan to the north and northeast of Northern Indiana.

Providing future public charging stations within Northern Indiana will fill the gap that currently exists between Chicago, Detroit and Indianapolis.

Public Charging Stations Currently Available within and near								
NIPSCO's Electric Service Territory								
Sector	Name	Address	City	County	Number of Ports			Cost
					Level 1	Level 2	Level 3	
Workplace	NIPSCO Southlake	801 E. 86th Ave.	Merrillville	Lake	3	4	0	Free
Municipality	Town of Dyer	One Town Square	Dyer	Lake	3	3	0	Free

Public Charging Stations Currently Available within and near								
NIPSCO's Electric Service Territory								
Sector	Name	Address	City	County	Number of Ports			Cost
					Level 1	Level 2	Level 3	
Retail	Michigan City Outlet Mall	601 Wabash Street	Michigan City	La Porte	0	2	0	\$2/Hr
Retail	University Park Mall	6501 N. Grape Rd.	Mishawaka	St. Joseph	0	2	0	\$2/hr
Car Dealership	Christenson Chevrolet	9700 Indianapolis Blvd	Highland	Lake	0	2	0	Free
Car Dealership	Napleton Nissan	1301 Indianapolis Blvd	Schererville	Lake	0	1	0	Free
Car Dealership	Southlake Nissan	4201 E. Lincoln Hwy	Merrillville	Lake	0	2	0	Free
Car Dealership	Bob Rohrman Nissan	220 Verplank Rd	Burns Harbor	Porter	0	2	0	Free
Car Dealership	Gurley Leep Nissan	5210 N. Grape Rd.	Mishawaka	St. Joseph	0	1	0	Free
Car Dealership	Tom Naquin Nissan	2500 W. Lexington Ave.	Elkhart	Elkhart	0	1	0	Free
Car Dealership	Sorg Nissan	2845 Detroit St.	Warsaw	Kosciusko	0	1	0	Free
Car Dealership	Fort Wayne Nissan	4909 Lima Rd.	Fort Wayne	Allen	0	1	0	Free
Retail	Strack & Van Til	9599 W. 133rd Ave.	Cedar Lake	Lake	0	2	0	Free
Hospital	Parkview Health	11109 Parkview Plaza Dr.	Fort Wayne	Allen	0	8	0	Free
Workplace	NIPSCO Hammond LOA	1313 167th St.	Hammond	Lake	0	2	0	Free
Workplace	NIPSCO Valpo LOA	22 S. State Rd 49	Valparaiso	Porter	0	2	0	Free
Workplace	NIPSCO Crown Pt. LOA	20 Joseph St.	Crown Pt.	Lake	0	2	0	Free
Government Public Areas	Whiting Lakefront Park	Front St	Whiting	Lake	0	2	0	Free

Public Charging Stations Currently Available within and near								
NIPSCO's Electric Service Territory								
Sector	Name	Address	City	County	Number of Ports			Cost
					Level 1	Level 2	Level 3	
Major Transportation Corridors	Tesla Supercharger	3855 Indiana 127	Angola	Steuben	0	0	6	Free
Major Transportation Corridors	Tesla Supercharger	6501 Grape Road	Mishawaka	St. Joseph	0	0	6	Free

Locations, charger and cost information obtained from

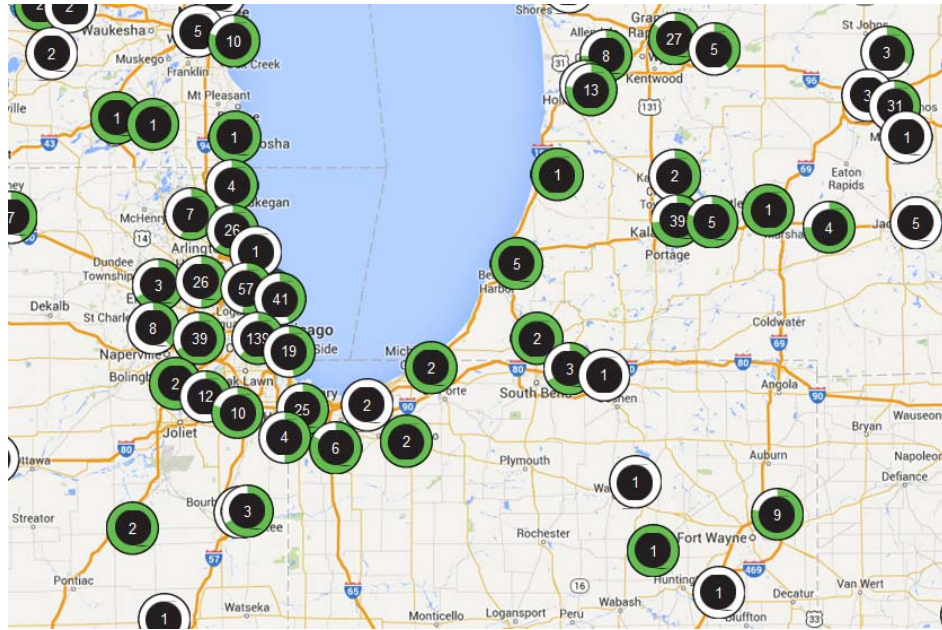
[http://afdc.energy.gov/fuels/electricity\\_locations.html](http://afdc.energy.gov/fuels/electricity_locations.html)

[https://na.chargepoint.com/charge\\_point](https://na.chargepoint.com/charge_point)

## B. Locations of Public Charging Stations

The maps below provide information on the location of public charging stations throughout the U.S. and around NIPSCO's electric service territory as of January 31, 2014. (Source: [https://na.chargepoint.com/charge\\_point](https://na.chargepoint.com/charge_point))





## VII. Summary of Expenditures through January 2014

Below is a breakdown of the total costs spent to date by category.

Item	Description	Budget	Expenditures	Amount Remaining
1	<b>NIPSCO Fleet Purchase</b>			
	Think Vehicles	\$ 90,000	\$ 97,970	\$ (7,970)
	Less: Federal Tax Credit (\$7,500/EV)	\$ (30,000)	\$ (30,000)	\$ -
	<b>Total</b>	<b>\$ 60,000</b>	<b>\$ 67,970</b>	<b>\$ (7,970)</b>
2	<b>NIPSCO Fleet Charging Stations (6 Stations)</b>			
	Fleet EVSE and Installation	\$ 40,000	\$ 3,834	\$ 36,166
	Metering	\$ 5,000	\$ -	\$ 5,000
	<b>Total</b>	<b>\$ 45,000</b>	<b>\$ 3,834</b>	<b>\$ 41,166</b>
3	<b>NIPSCO Residential Charging Stations</b>			
	Financial Incentives (\$1,650/Cust)	\$ 413,000	244,712	\$ 168,288
	2nd Sub-Meter (\$432*250 cust)	\$ 108,000	\$ 43,200	\$ 64,800
	<b>Total</b>	<b>\$ 521,000</b>	<b>\$ 287,912</b>	<b>\$ 233,088</b>
4	<b>NIPSCO Public Charging Stations</b>	<b>\$ 70,000</b>	<b>\$ 81,241</b>	<b>\$ (11,241)</b>
5	<b>IT Cost</b>	<b>\$ 21,000</b>	<b>\$ 21,000</b>	<b>\$ -</b>
6	<b>Education &amp; Outreach &amp; Marketing</b>	<b>\$ 45,000</b>	<b>\$ 24,283</b>	<b>\$ 20,717</b>
7	<b>Market Penetration &amp; Infrastructure Plan</b>	<b>\$ 80,000</b>	<b>\$ 73,625</b>	<b>\$ 6,375</b>
8	<b>Internal Administration</b>	<b>\$ 20,000</b>	<b>\$ 20,000</b>	<b>\$ -</b>
9	<b>External Administration</b>			
	South Shores Clean Cities	\$ 25,000	\$ 25,000	\$ 0
	Residential EV Charging Station Administrator	\$ 107,000	\$ 55,150	\$ 51,850
	<b>Total</b>	<b>\$ 132,000</b>	<b>\$ 80,150</b>	<b>\$ 51,850</b>
10	<b>Renewable Energy Credits</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
11	<b>Total Budget</b>	<b>\$ 994,000</b>	<b>\$ 660,014</b>	<b>\$ 333,986</b>

Note: Internal Administration is capped at \$20,000 in accordance with the agreement between the Environmental Protection Agency and NIPSCO. Actual Internal Administration through January 2014 was \$129,104 when internal allocated payroll is included.

Notes on tracking expenses pursuant to the Commission's February 1, 2012 Order in Cause No. 44016:

1. NIPSCO is authorized to create a regulatory asset for the deferral of the costs shown in Exhibit A to the Stipulation and Settlement Agreement up to a maximum of \$711,000. The total amount that is currently in Regulatory Asset 184.EV is \$463,770 (the sum of the amounts in Items 3 (incentive only), 5, 6, 7, 8 and 9 (\$244,712 + \$21,000 + \$24,283 + \$73,625 + \$20,000 + \$80,150 = \$463,770)).

2. NIPSCO is authorized to create a regulatory asset for the depreciation expense on the NIPSCO-owned charging station and any meters provided to customer pursuant to Rider 684 shown in Exhibit A to the Stipulation and Settlement Agreement up to a maximum of \$178,000. The total amount that is currently in the Regulatory Asset 184.DEP is \$4,476 (the monthly depreciation for Item 3 (2<sup>nd</sup> sub meter) and 4.

### VIII. Tracker Impact

The table below shows the amount of adjustment by each tracker for each month in the period June 2012 through January 2014. The total adjustment during Quarter 4 of Program Year 2 (November 2013 – January 2014) was \$2,151. The amount collected through January 31, 2014 relating to the trackers was \$8,061.

Month	Total Fuel Cost	Total RTO Cost	Total RA Cost	Total DSM Cost	Total EER Cost	Total ECR Cost	Total Tracker Cost
Jun-12	\$ 6.64	\$ (0.06)	\$ 0.02	\$ 0.92	\$ 0.51	\$ 0.18	\$ 8.21
Jul-12	\$ 111.28	\$ (0.97)	\$ 0.23	\$ 14.97	\$ 7.75	\$ 2.73	\$ 135.98
Aug-12	\$ 79.87	\$ (0.83)	\$ 0.20	\$ 12.75	\$ 6.60	\$ 2.33	\$ 100.91
Sep-12	\$ 87.93	\$ (0.99)	\$ 0.24	\$ 15.16	\$ 7.85	\$ 2.77	\$ 112.96
Oct-12	\$ 83.34	\$ (0.87)	\$ 0.21	\$ 13.39	\$ 6.93	\$ 2.45	\$ 105.44
Nov-12	\$ 142.77	\$ 3.83	\$ 14.51	\$ 21.77	\$ 11.27	\$ 3.98	\$ 198.13
Dec-12	\$ 119.82	\$ 3.29	\$ 12.45	\$ 18.68	\$ 9.67	\$ 7.77	\$ 171.68
Jan-13	\$ 125.53	\$ 3.40	\$ 12.86	\$ 27.99	\$ 9.98	\$ 8.03	\$ 187.79
Feb-13	\$ 258.92	\$ 7.26	\$ 27.47	\$ 59.77	\$ 21.33	\$ 17.14	\$ 391.89
Mar-13	\$ 203.15	\$ 5.43	\$ 20.54	\$ 44.69	\$ 15.95	\$ 12.82	\$ 302.57
Apr-13	\$ 306.69	\$ 7.88	\$ 29.82	\$ 64.89	\$ 23.15	\$ 18.61	\$ 451.05
May-13	\$ 233.54	\$ 3.06	\$ 18.94	\$ 47.53	\$ 0.61	\$ 20.79	\$ 324.47
Jun-13	\$ 487.73	\$ 6.84	\$ 39.55	\$ 97.48	\$ 4.29	\$ 41.51	\$ 677.40
Jul-13	\$ 317.92	\$ 4.21	\$ 25.34	\$ 34.92	\$ 1.13	\$ 27.59	\$ 411.11
Aug-13	\$ 389.40	\$ 47.24	\$ 287.58	\$ 376.20	\$ 12.90	\$ 312.54	\$ 1,425.86
Sep-13	\$ 337.10	\$ 5.31	\$ 32.08	\$ 42.53	\$ 1.72	\$ 34.73	\$ 453.47
Oct-13	\$ 347.21	\$ 4.75	\$ 28.79	\$ 38.01	\$ 1.43	\$ 31.21	\$ 451.40
Nov-13	\$ 487.59	\$ 9.81	\$ 45.79	\$ 97.98	\$ 1.76	\$ 65.50	\$ 708.44
Dec-13	\$ 647.24	\$ 13.05	\$ 60.88	\$ 130.27	\$ 2.35	\$ 87.09	\$ 940.87
Jan-14	\$ 372.73	\$ 6.95	\$ 32.43	\$ 42.02	\$ 1.25	\$ 46.39	\$ 501.77
	\$ 5,146.41	\$ 128.57	\$ 689.92	\$ 1,201.92	\$ 148.42	\$ 746.15	\$ 8,061.39



## IX. Customer Education and Outreach

In order to effectively reach external stakeholders, for the period February 1, 2013 through January 31, 2014, NIPSCO engaged the following communications tactics to ensure consistent and effective messaging about the IN-Charge Electric Vehicle Program.

Date	Tactic	Notes																																													
Feb-13	Radio interview on local NPR program	"Green Commuter," hosted by South Shore Clean Cities																																													
July-13	Publications	Article about NIPSCO's EV program in the National Clean Cities Fuel Fix e-magazine. Plan to use/adapt for local marketing																																													
July-13	TV advertising	Began exploring potential opportunity to partner on a TV ad																																													
Ongoing	Community events	Offer program brochures: <table border="1"> <thead> <tr> <th>Event</th><th>Dates</th><th>Location</th></tr> </thead> <tbody> <tr> <td>BBQ Ribfest</td><td>June 13-16</td><td>Fort Wayne</td></tr> <tr> <td>Food &amp; Arts Festival</td><td>June 21-22</td><td>Crown Point</td></tr> <tr> <td>Spirit of Monticello</td><td>June 28-29</td><td>Monticello</td></tr> <tr> <td>Haynes Apperson Festival</td><td>July 4-6</td><td>Kokomo</td></tr> <tr> <td>Envirofest</td><td>July 12</td><td>Elkhart</td></tr> <tr> <td>Pierogi Fest</td><td>July 26-28</td><td>Whiting</td></tr> <tr> <td>Gary Railcats</td><td>Aug 4</td><td>Gary</td></tr> <tr> <td>Middlebury Summer Fest</td><td>Aug 9-10</td><td>Middlebury</td></tr> <tr> <td>Lakefront Art Festival</td><td>Aug 17-18</td><td>Michigan City</td></tr> <tr> <td>Kouts Pork Festival</td><td>Aug 24</td><td>Kouts</td></tr> <tr> <td>Marshall County Blueberry Fest</td><td>Aug 30 - Sep 2</td><td>Plymouth</td></tr> <tr> <td>Popcorn Festival</td><td>Sept 7</td><td>Valparaiso</td></tr> <tr> <td>Nappanee Apple Fest</td><td>Sept 19-22</td><td>Nappanee</td></tr> <tr> <td>Wanatah Scarecrow Fest</td><td>Sept 27-29</td><td>Wanatah</td></tr> </tbody> </table>	Event	Dates	Location	BBQ Ribfest	June 13-16	Fort Wayne	Food & Arts Festival	June 21-22	Crown Point	Spirit of Monticello	June 28-29	Monticello	Haynes Apperson Festival	July 4-6	Kokomo	Envirofest	July 12	Elkhart	Pierogi Fest	July 26-28	Whiting	Gary Railcats	Aug 4	Gary	Middlebury Summer Fest	Aug 9-10	Middlebury	Lakefront Art Festival	Aug 17-18	Michigan City	Kouts Pork Festival	Aug 24	Kouts	Marshall County Blueberry Fest	Aug 30 - Sep 2	Plymouth	Popcorn Festival	Sept 7	Valparaiso	Nappanee Apple Fest	Sept 19-22	Nappanee	Wanatah Scarecrow Fest	Sept 27-29	Wanatah
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Oct-13	Energy Summit	Provided EV brochures at the NIPSCO Energy Summit in Merrillville for commercial customers																																													
Ongoing	Website and Newsletter	NIPSCO EV program presence in monthly South Shore Clean Cities newsletters and on website.																																													
Ongoing	EV car dealer outreach	Offer program brochures																																													

## X. Estimate of Annual Emission Savings

Emissions will be based on EPA's estimate for a typical passenger vehicle. Since NIPSCO will use Renewable Energy Certificates (RECs) to supply fuel for these vehicles, reductions in emissions are assumed to be equal to those produced by the average passenger vehicle. The emission reductions below reflect various penetration



levels of plug-in EVs, or PEVs, and the corresponding annual amount of CO<sub>2</sub> reduced. 229,844 kWh has been consumed through the EV charging stations. 178,925 kWh was consumed during the off peak hours and 50,919 kWh was consumed during the on peak hours. The current number of RECs that need to be purchased through January 2014 therefore is 230. NIPSCO anticipates making its first REC purchases for the EV program during the second quarter of 2014.

Emission <sup>(1)</sup>	Annual Reduction in Emission (Metric Tons)							
	Total Number of PEVs							
	25	50	100	150	200	250	300	350
VOC	0.416	0.832	1.664	2.496	3.328	4.160	4.992	5.824
NOx	0.279	0.558	1.115	1.673	2.231	2.788	3.346	3.904
PM <sub>2.5</sub>	0.002	0.003	0.007	0.010	0.013	0.016	0.020	0.023
CO <sub>2</sub>	148	296	593	889	1,186	1,482	1,779	2,075

(1) 2008 EPA Report "Average Annual Emissions and Fuel Consumption for Gasoline-Fueled Passenger Cars and Light Trucks"

Emission Factor VOC = 1.034 g/mi., NOx = 0.693 g/mi., PM<sub>2.5</sub> = 0.0041 g/mi, CO<sub>2</sub> = 368.4 g /mi.

## **XI. Update on Phase II - NIPSCO IN-Charge EV Program - Around Town**

On February 18, 2014, NIPSCO announced that Phase II NIPSCO IN-Charge EV Program – Around Town would be taking applications beginning February 19, 2014. The NIPSCO IN-Charge EV Program - Around Town offers incentives to help with the up-front costs of Level II and Level III EV charging stations, in addition to installation costs and software subscriptions. The chart below shows the benefits available to eligible participants.

<b>EV Charging Level</b>	<b>Level II</b>	<b>Level III (DC Fast Charging)</b>
<b>Charging Station</b>	Up to two ChargePoint 4000 series charging stations	50% of equipment and installation costs, up to \$37,500
<b>Installation</b>	50% of cost, up to \$3,000	50% of equipment and installation costs, up to \$37,500
<b>Software Agreement</b>	Two-year ChargePoint Commercial Network Software Agreement	Two-year ChargePoint Commercial Network Software Agreement

The pilot program is available to NIPSCO commercial/industrial electric customers across northern Indiana through January 31, 2015. NIPSCO is working with [South Shore Clean Cities](#) to offer this program.

To ensure a variety of charging locations and accelerate the introduction of EVs across northern Indiana, incentives have been earmarked for various categories. The table below represents the amount of incentive money available to each category.

<b>Type</b>	<b>% of Available Funding</b>
<b>Universities &amp; Workplaces</b>	25%
<b>Apartments</b>	5%
<b>Governmental Public Areas</b>	15%
<b>Major Transportation Corridors</b>	25%
<b>Commercial &amp; Retail</b>	20%
<b>Contingency</b>	10%

For every unit of electricity used by NIPSCO IN-Charge EV Program - Around Town charging stations during the pilot program, NIPSCO will buy an equivalent amount of RECs through January 31, 2015.

NIPSCO IN-Charge EV Program - Around Town will be offered on a first-come, first-serve basis until the program budget is exhausted or until January 31, 2015, whichever

comes first. This program is being offered as part of a Supplemental Environmental Project under the settlement of the NIPSCO New Source Review Notice of Violation. NIPSCO is not requesting any regulatory treatment of costs associated with the NIPSCO IN-Charge EV Program - Around Town program.