

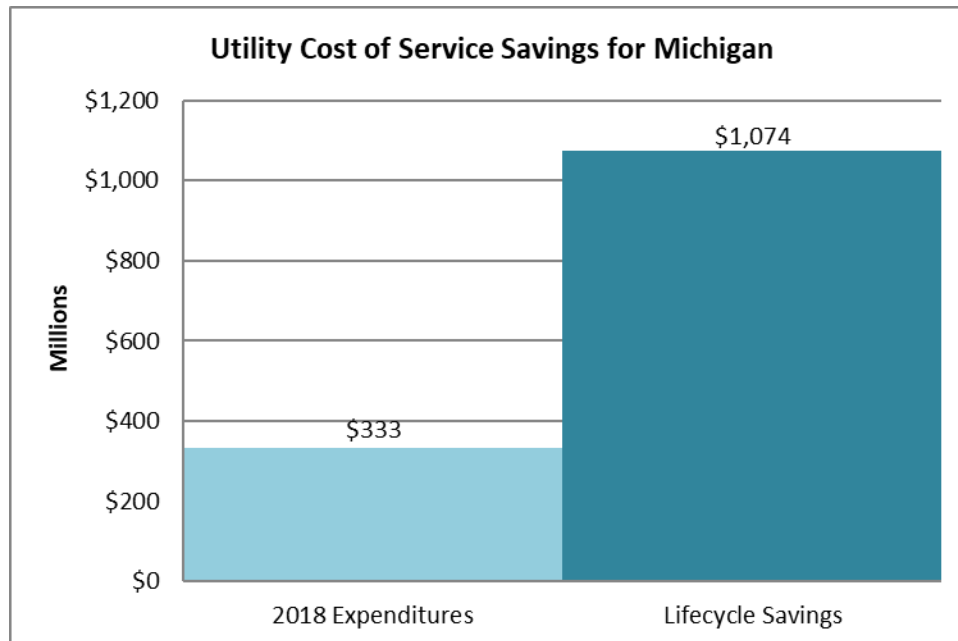
% of MWH Sales		0.30%			0.50%			0.75%			1%		
		2009 Target	2009 Actual	% Achieved	2010 Target	2010 Actual	% Achieved	2011 Target	2011 Actual	% Achieved	2012 Target	2012 Actual	% Achieved
Electric IOUs													
1	Alpena	973	16	2%	2,586	3,859	149%	2,419	3,453	143%	3,244	4,251	131%
2	Consumers Energy	107,939	145,118	134%	178,509	251,187	141%	255,039	353,006	138%	333,360	409,353	123%
3	DTE Energy Electric	160,000	203,000	127%	227,153	402,995	177%	477,000	519,000	109%	455,000	611,000	134%
4	Indiana Michigan	9,159	197	2%	24,110	25,157	104%	22,427	21,626	96%	29,403	30,999	105%
5	UP Power	2,509	350	14%	6,750	6,357	94%	6,363	7,749	122%	8,272	9,494	115%
8	Wisconsin Electric	8,414	44	1%	21,614	21,722	100%	19,800	20,745	105%	26,358	26,499	101%
9	UMERC	876	2	0%	2,271	2,474	109%	2,093	2,529	121%	2,739	3,018	110%
10	XCEL Energy	413	0	0%	1,100	1,407	128%	1,031	1,473	143%	1,378	2,074	151%
Subtotal Electric IOUs		290,283	348,727	120%	464,093	715,158	154%	786,172	929,580	118%	859,755	1,096,689	128%
Electric Cooperatives													
11	Alger Delta	303	22	7%	486	732	151%	448	225	50%	588	658	112%
12	Bayfield	1	0	0%	2	3	150%	14	19	138%	2	2	118%
13	Cherryland	791	751	95%	1,777	2,037	115%	2,699	3,889	144%	3,751	3,798	101%
14	Cloverland/Edison S.	589	46	8%	1,610	1,760	109%	1,502	532	35%	8,149	7,365	90%
15	Great Lakes	4,265	286	7%	10,327	11,765	114%	9,887	5,002	51%	13,240	10,341	78%
16	Midwest	1,618	234	14%	4,390	5,377	122%	4,377	2,191	50%	5,875	5,152	88%
17	Ontonagon	160	5	3%	210	211	100%	189	212	112%	247	253	102%
18	Presque Isle	886	34	4%	1,917	2,621	137%	1,785	1,286	72%	2,362	1,981	84%
19	Thumb	529	64	12%	1,714	1,315	77%	1,121	663	59%	1,507	1,689	112%
20	Tri-County	1,092	262	24%	2,425	5,223	215%	2,337	254	11%	3,121	2,483	80%
Subtotal Electric Coops		10,234	1,704	17%	24,858	31,044	125%	24,359	14,274	59%	38,842	33,722	87%
Municipals													
21	Baraga	60	97	162%	84	7	8%	226	185	82%	188	191	102%
22	Bay City	896	715	80%	1,473	2,251	153%	1,937	2,317	120%	2,860	3,037	106%
23	Charlevoix	203	79	39%	450	262	58%	678	423	62%	603	643	107%
24	Chelsea	266	409	154%	365	359	98%	696	1,221	175%	366	479	131%
25	Clinton	146	173	118%	113	113	100%	161	164	102%	213	203	95%
26	Coldwater	865	37	4%	2,342	1,379	59%	2,342	1,409	60%	2,589	2,104	81%
27	Croswell	110	247	225%	133	230	173%	188	180	96%	357	489	137%
28	Crystal Falls	50	718	1436%	60	459	765%	88	92	105%	164	191	116%
29	Dagget Electric Co.	5	7	140%	12	19	158%	11	19	167%	15	26	181%
30	Detroit PLD	2	2	100%	1,587	224	14%	2,986	2,286	77%	865	592	68%
31	Dowagiac	239	52	22%	547	521	95%	543	766	141%	417	538	129%
32	Eaton Rapids	154	61	40%	347	298	86%	449	470	105%	455	607	133%
33	Escanaba	427	0	0%	1,212	1,171	97%	1,104	1,072	97%	1,428	1,338	94%
34	Gladstone	97	407	420%	182	267	147%	308	136	44%	328	412	126%
35	Grand Haven	873	921	105%	1,373	1,591	116%	1,878	2,211	118%	2,223	1,912	86%
36	Harbor Springs	112	150	134%	171	167	98%	290	248	86%	358	369	103%
37	Hart	115	101	88%	196	193	98%	299	140	47%	394	265	67%
38	Hillsdale	429	415	97%	726	1,216	167%	536	643	120%	1,275	1,508	118%
39	Holland	3,089	3,382	109%	4,849	5,481	113%	6,477	7,762	120%	7,948	8,116	102%
40	L'Anse	42	123	293%	79	10	13%	162	600	370%	137	174	127%
41	LBWL	6,831	6,972	102%	11,165	11,524	103%	15,877	17,587	111%	19,280	23,147	120%
42	Lowell	180	289	161%	226	269	119%	432	578	134%	483	503	104%
43	Marquette	872	0	0%	2,534	3,198	126%	2,435	1,827	75%	3,098	2,912	94%
44	Marshall	357	363	102%	579	835	144%	605	1,129	187%	537	868	162%
45	Negaunee	67	274	409%	92	85	92%	199	116	58%	217	256	118%
46	Newberry	17	0	0%	148	124	84%	144	155	108%	192	243	127%
47	Niles	440	234	53%	802	718	90%	1,122	1,052	94%	1,287	1,003	78%
48	Norway	94	120	128%	159	76	48%	317	313	99%	300	386	128%
49	Paw Paw	116	109	94%	201	115	57%	373	177	47%	480	450	94%
50	Petoskey	232	880	379%	404	599	148%	809	477	59%	1,080	839	78%
51	Portland	107	103	96%	182	210	115%	240	155	65%	362	332	92%
52	Sebewaing	125	531	425%	158	995	630%	203	305	150%	311	1,017	327%
53	South Haven	411	423	103%	688	610	89%	1,135	909	80%	1,312	1,582	121%
54	St. Louis	120	77	64%	242	251	104%	294	275	94%	378	365	97%
55	Stephenson	17	0	0%	49	47	96%	45	47	104%	60	68	113%
56	Sturgis	720	797	111%	1,198	1,249	104%	1,937	1,792	93%	2,215	2,798	126%
57	Traverse City	991	1,735	175%	1,149	1,945	169%	1,704	2,650	156%	2,543	4,109	162%
58	Union City	47	53	113%	79	197	251%	118	129	109%	139	125	90%
59	Wakefield	38	0	0%	103	237	230%	44	49	111%	52	52	100%
60	Wyandotte	2,464	3,034	123%	2,388	3,832	160%	1,515	1,803	119%	2,495	2,500	100%
61	Zeeland	1,099	1,122	102%	1,335	2,202	165%	1,472	1,884	128%	2,601	1,484	57%
Subtotal Municipals		23,525	25,212	107%	40,182	45,536	113%	52,379	55,753	106%	62,605	68,233	109%
Statewide Electric Totals		324,042	375,643	116%	529,133	791,738	150%	862,910	999,607	116%	961,202	1,198,644	125%
% of MCF Sales													
		0.10%			0.25%			0.50%			0.75%		
		2009 Target	2009 Actual	% Achieved	2010 Target	2010 Actual	% Achieved	2011 Target	2011 Actual	% Achieved	2012 Target	2012 Actual	% Achieved
Gas Companies													
1	Consumers Energy	299,623	396,783	132%	743,943	937,915	126%	1,263,564	2,039,609	161%	1,844,899	2,378,978	129%
2	DTE - Gas	164,003	250,680	153%	405,110	792,000	196%	1,164,000	1,364,000	117%	894,701	1,186,000	133%
3	MGU	Combined 2009-2010 as these providers were part of Efficiency United. Two year targets were a total of .10% + .25%			105,323	122,432	116%	150,300	111,990	75%	219,898	262,259	119%
4	SEMCO Energy				195,859	243,050	124%	280,158	305,433	109%	409,480	417,774	102%
5	WPSCorp (UMERC)				5,301	5,788	109%	7,515	7,966	106%	10,946	30,877	282%
6	XCEL Energy (NSPC)				3,126	9,061	290%	4,481	7,009	156%	6,500	6,986	107%
Statewide Gas Totals		463,626	647,463	140%	1,458,662	2,110,246	145%	2,870,018	3,836,008	134%	3,386,424	4,282,874	126%

% of MWH Sales		1%			1%						1%		
		2013 Target	2013 Actual	% Achieved	2014 Target	2014 Actual	% Achieved	2015 Target	2015 Actual	% Achieved	2016 Target	2016 Actual	% Achieved
Electric IOUs													
1	Alpena	3,219	5,352	166%	3,597	6,770	188%	3,305	6,030	182%	3,399	4,544	134%
2	Consumers Energy	335,498	473,045	141%	332,200	466,000	140%	331,877	353,398	106%	361,730	397,426	110%
3	DTE Energy Electric	471,000	614,000	130%	534,000	794,399	149%	485,300	620,700	128%	481,000	631,000	131%
4	Indiana Michigan	28,743	34,572	120%	28,877	37,634	130%	28,549	35,021	123%	16,571	20,035	121%
5	UP Power	8,137	11,195	138%	8,142	10,514	129%	8,308	19,676	237%	8,197	10,653	130%
8	Wisconsin Electric	26,709	28,492	107%	29,916	31,706	106%	4,436	8,071	182%	5,765	8,199	142%
9	UMERC	2,734	3,466	127%	2,832	3,398	120%	2,855	3,672	129%	2,775	3,183	115%
10	XCEL Energy	1,385	1,833	132%	1,400	1,753	125%	1,402	3,200	228%	1,407	2,615	186%
Subtotal Electric IOUs		877,425	1,171,955	134%	940,964	1,352,174	144%	866,032	1,049,768	121%	880,844	1,077,655	122%
Electric Cooperatives													
11	Alger Delta	582	678	116%	574	442	77%	573	729	127%	692	943	136%
12	Bayfield	2	3	150%	2	2	109%	2	2	100%	2	2	106%
13	Cherryland	3,661	3,667	100%	3,840	4,712	123%	3,957	4,367	110%	3,957	4,607	116%
14	Cloverland/Edison S.	8,073	9,548	118%	7,933	8,337	105%	7,929	8,692	110%	6,806	8,912	131%
15	Great Lakes	13,302	19,479	146%	13,231	13,550	102%	13,210	13,694	104%	13,728	16,637	121%
16	Midwest	5,905	6,880	117%	5,905	5,951	101%	6,038	6,328	105%	6,129	6,745	110%
17	Ontonagon	248	678	273%	247	182	74%	248	387	156%	265	327	123%
18	Presque Isle	2,357	3,176	135%	2,336	2,251	96%	2,329	2,392	103%	2,498	3,083	123%
19	Thumb	1,512	1,784	118%	1,523	1,094	72%	1,534	1,696	111%	1,662	1,893	114%
20	Tri-County	3,135	3,852	123%	3,160	3,461	110%	3,152	3,197	101%	3,338	4,145	124%
Subtotal Electric Coops		38,777	49,745	128%	38,751	39,982	103%	38,972	41,484	106%	39,077	47,294	121%
Municipals													
21	Baraga	184	233	127%	187	338	181%	187	319	171%	188	305	162%
22	Bay City	3,124	3,044	97%	3,374	4,012	119%	3,058	3,937	129%	2,714	3,562	131%
23	Charlevoix	608	693	114%	324	550	170%	405	602	149%	413	378	92%
24	Chelsea	738	893	121%	591	768	130%	874	889	102%	909	1,143	126%
25	Clinton	227	241	106%	202	208	103%	210	235	112%	191	192	101%
26	Coldwater	2,589	2,056	79%	2,887	3,317	115%	2,858	3,694	129%	2,858	3,208	112%
27	Croswell	355	199	56%	288	307	107%	336	327	97%	328	541	165%
28	Crystal Falls	162	325	201%	162	408	252%	162	259	160%	163	446	274%
29	Dagget Electric Co.	14	16	114%	12	16	129%	12	46	383%	11	16	145%
30	Detroit PLD												
31	Dowagiac	634	745	118%	660	927	140%	648	1,006	155%	651	1,427	219%
32	Eaton Rapids	331	830	251%	267	905	339%	239	194	81%	282	186	66%
33	Escanaba	1,471	1,614	110%	1,266	1,294	102%	1,419	1,499	106%	1,397	1,801	129%
34	Gladstone	321	341	106%	325	406	125%	325	379	117%	324	391	121%
35	Grand Haven	2,674	3,198	120%	1,712	2,298	134%	2,160	2,993	139%	2,735	4,013	147%
36	Harbor Springs	375	409	109%	375	572	153%	379	427	113%	377	426	113%
37	Hart	421	562	133%	309	461	149%	276	339	123%	368	418	114%
38	Hillsdale	1,212	1,572	130%	1,205	1,562	130%	1,193	1,790	150%	1,186	1,905	161%
39	Holland	9,821	10,934	111%	10,399	10,861	104%	10,173	12,865	126%	8,153	13,235	162%
40	L'Anse	132	166	126%	127	213	168%	122	601	493%	120	204	170%
41	LBWL	18,363	26,757	146%	18,011	23,094	128%	20,521	30,150	147%	16,469	26,167	159%
42	Lowell	548	444	81%	688	697	101%	675	827	123%	654	1,222	187%
43	Marquette	3,199	3,827	120%	2,403	2,861	119%	3,070	3,185	104%	3,016	3,528	117%
44	Marshall	725	1,039	143%	746	756	101%	1,039	859	83%	1,050	1,053	100%
45	Negaunee	221	317	143%	222	271	122%	226	398	176%	227	585	258%
46	Newberry	140	206	147%	129	141	109%	199	243	122%	175	177	101%
47	Niles	1,496	1,233	82%	1,328	1,401	105%	1,223	1,281	105%	1,251	1,212	97%
48	Norway	294	1,128	384%	293	501	171%	292	361	124%	287	503	175%
49	Paw Paw	458	497	109%	344	1,747	508%	22	463	2105%	22	384	1745%
50	Petoskey	1,116	688	62%	1,907	1,870	98%	1,114	1,308	117%	930	1,288	138%
51	Portland	372	366	98%	298	318	107%	343	563	164%	139	482	347%
52	Sebewaing	163	716	439%	223	676	303%	223	714	320%	228	819	359%
53	South Haven	1,315	1,425	108%	1,347	2,437	181%	1,342	2,525	188%	1,348	1,609	119%
54	St. Louis	379	241	64%	411	397	97%	389	504	130%	163	105	64%
55	Stephenson	51	75	147%	37	37	100%	59	92	156%	60	77	128%
56	Sturgis	1,557	1,911	123%	1,595	2,189	137%	1,750	2,073	118%	1,946	3,047	157%
57	Traverse City	2,157	2,797	130%	2,826	3,437	122%	2,802	2,733	98%	3,381	5,053	149%
58	Union City	164	142	87%	172	173	101%	149	176	118%	132	229	173%
59	Wakefield	130	61	47%	130	48	37%	130	61	47%	130	130	100%
60	Wyandotte	1,707	1,981	116%	1,503	1,295	86%	1,607	1,698	106%	1,607	1,036	64%
61	Zeeland	4,101	5,619	137%	2,132	2,790	131%	2,438	3,410	140%	2,187	2,529	116%
Subtotal Municipals		64,049	79,541	124%	61,417	76,557	125%	64,649	86,025	133%	58,770	85,032	145%
Statewide Electric Totals		980,251	1,301,241	133%	1,041,132	1,468,713	141%	969,653	1,177,277	121%	978,691	1,209,981	124%
% of MCF Sales													
		0.75%			0.75%								
		2013 Target	2013 Actual	% Achieved	2014 Target	2014 Actual	% Achieved	2015 Target	2015 Actual	% Achieved	2016 Target	2016 Actual	% Achieved
Gas Companies													
1	Consumers Energy	1,765,915	2,173,124	123%	1,810,552	2,400,000	133%	1,915,363	2,091,625	109%	2,207,235	2,542,174	115%
2	DTE - Gas	1,240,000	1,436,000	116%	1,305,000	1,554,995	119%	1,178,300	1,479,900	126%	1,301,103	1,619,825	124%
3	MGU	216,038	259,722	120%	210,757	344,998	164%	219,141	265,212	121%	232,450	381,219	164%
4	SEMCO Energy	402,944	523,683	130%	394,464	543,646	138%	584,536	705,490	121%	438,402	692,715	158%
5	WPSCorp (UMERC)	10,748	13,152	122%	11,366	13,771	121%	12,271	21,844	178%	1,326	2,168	163%
6	XCEL Energy (NSPC)	6,264	6,760	108%	6,000	9,265	154%	6,444	17,011	264%	684	1,596	233%
Statewide Gas Totals		3,641,909	4,412,441	121%	3,738,139	4,866,675	130%	3,916,055	4,581,082	117%	4,181,200	5,239,697	125%

	% of MWH Sales			1%			
	2017 Target	2017 Actual	% Achieved	2018 Target	2018 Actual	% Achieved	
Electric IOUs							
1	Alpena	3,417	9,424	276%	3,483	5,225	150%
2	Consumers Energy	331,830	562,121	169%	333,890	586,744	176%
3	DTE Energy Electric	485,469	761,630	157%	471,024	707,016	150%
4	Indiana Michigan	28,460	37,904	133%	28,044	32,038	114%
5	UP Power	8,015	17,337	216%	7,492	8,262	110%
8	Wisconsin Electric	5,188	11,234	217%	7,824	7,824	100%
9	UMERC	2,676	4,541	170%	8005%	9803%	122%
10	XCEL Energy	1,396	2,824	202%	1,386	1,546	112%
	Subtotal Electric IOUs	866,451	1,407,015	162%	853,223	1,348,753	158%
Electric Cooperatives							
11	Alger Delta	730	624	85%	745	844	113%
12	Bayfield	2	3	165%	2	2	111%
13	Cherryland	3,996	4,150	104%	3,880	4,024	104%
14	Cloverland/Edison S.	7,856	4,613	59%	6,272	6,467	103%
15	Great Lakes	13,526	11,722	87%	13,246	13,860	105%
16	Midwest	6,139	11,772	192%	6,183	6,433	104%
17	Ontonagon	254	201	79%	252	368	146%
18	Presque Isle	2,417	2,429	100%	2,418	2,698	112%
19	Thumb	1,702	2,160	127%	1,861	2,053	110%
20	Tri-County	3,364	3,248	97%	3,362	3,486	104%
	Subtotal Electric Coops	39,986	40,923	102%	38,221	40,235	105%
Municipals							
21	Baraga	186	327	176%	183	285	156%
22	Bay City	1,711	5,454	319%	2,191	2,680	122%
23	Charlevoix	644	792	123%	454	496	109%
24	Chelsea	764	1,133	148%	649	936	144%
25	Clinton	216	222	103%	210	213	101%
26	Coldwater	3,536	2,411	68%	3,643	7,463	205%
27	Croswell	178	304	171%	319	229	72%
28	Crystal Falls	164	1,197	730%	164	287	175%
29	Dagget Electric Co.	11	7	64%	11	12	109%
30	Detroit PLD						
31	Dowagiac	650	971	149%	658	929	141%
32	Eaton Rapids	642	595	93%	667	558	84%
33	Escanaba	1,406	1,730	123%	1,414	1,503	106%
34	Gladstone	317	672	212%	312	401	129%
35	Grand Haven	1,458	4,671	320%	2,022	3,171	157%
36	Harbor Springs	378	579	153%	379	379	100%
37	Hart	386	555	144%	324	302	93%
38	Hillsdale	1,192	4,174	350%	1,206	1,499	124%
39	Holland	5,473	18,731	342%	7,300	12,613	173%
40	L'Anse	118	229	194%	118	178	151%
41	LBWL	22,058	27,414	124%	19,488	21,845	112%
42	Lowell	540	1,317	244%	541	735	136%
43	Marquette	3,070	2,495	81%	3,025	3,300	109%
44	Marshall	1,058	1,099	104%	1,019	1,105	108%
45	Negaunee	225	766	340%	221	320	145%
46	Newberry	199	179	90%	172	190	110%
47	Niles	1,352	1,510	112%	1,130	848	75%
48	Norway	270	551	204%	254	391	154%
49	Paw Paw	155	497	321%	275	303	110%
50	Petoskey	772	3,051	395%	685	993	145%
51	Portland	242	600	248%	241	242	100%
52	Sebewaing	227	312	137%	269	283	105%
53	South Haven	1,368	1,513	111%	1,380	1,445	105%
54	St. Louis	201	530	264%	245	239	98%
55	Stephenson	59	50	84%	61	67	110%
56	Sturgis	1,186	3,384	285%	1,569	1,437	92%
57	Traverse City	1,557	2,926	188%	2,342	2,426	104%
58	Union City	120	120	100%	141	141	100%
59	Wakefield	130	265	204%			
60	Wyandotte	1,892	1,226	65%	1,552	882	57%
61	Zeeland	2,925	2,868	98%	3,903	3,340	86%
	Subtotal Municipals	59,036	97,426	165%	60,737	74,666	123%
	Statewide Electric Totals	965,473	1,545,364	194%	952,181	1,463,654	154%
% of MCF Sales							
		2017 Target	2017 Actual	% Achieved	2018 Target	2018 Actual	% Achieved
Gas Companies							
1	Consumers Energy	1,958,913	2,812,098	144%	1,932,163	2,856,501	148%
2	DTE - Gas	1,305,065	1,735,405	133%	1,285,748	1,727,369	134%
3	MGU	245,283	459,310	187%	243,659	256,130	105%
4	SEMCO Energy	346,370	469,400	136%	3,544	6,641	187%
5	WPSCorp (UMERC)	13,476	13,627	101%	13,309	21,193	159%
6	XCEL Energy (NSPC)	6,975	9,865	141%	6,608	8,655	131%
	Statewide Gas Totals	3,876,082	5,499,705	140%	3,485,031	4,876,489	144%

Utilities		Annual Funding							
	2009-2011	2012	2013	2014	2015	2016	2017	2018	
Electric IOUs									
1	Alpena	\$711,512	\$510,504	\$456,435	\$586,815	\$420,528	\$513,109	\$366,854	\$325,410
2	Consumers	\$104,546,754	\$67,369,007	\$69,097,040	\$74,900,000	\$76,200,000	\$77,215,930	\$113,482,306	\$117,816,710
3	DTE Energy Electric	\$117,539,193	\$69,600,000	\$74,900,000	\$84,779,297	\$87,100,000	\$77,553,234	\$82,017,179	\$91,814,029
4	Indiana Michigan	\$5,432,573	\$4,420,319	\$4,517,294	\$4,120,487	\$5,064,846	\$4,063,867	\$4,353,007	\$4,505,648
5	UP Power	\$2,555,556	\$1,967,085	\$1,834,617	\$1,626,752	\$1,491,437	\$2,322,238	\$1,527,325	\$1,991,341
6	Wisconsin Electric	\$983,889	\$931,154	\$883,440	\$820,905	\$727,502	\$990,325	\$450,685	\$396,560
7	UMERC	\$553,620	\$381,404	\$409,687	\$714,535	\$309,185	\$389,509	\$247,679	\$627,616
8	Xcel Energy Electric	\$299,179	\$234,475	\$203,557	\$222,747	\$230,593	\$309,010	\$152,454	\$169,975
	Subtotal Electric IOUs	\$232,622,276	\$145,413,948	\$152,302,070	\$167,771,538	\$171,544,091	\$163,357,222	\$202,597,489	\$217,647,289
Electric Cooperatives									
9	Alger Delta	\$201,039	\$148,468	\$155,303	\$150,910	\$183,629	\$208,101	\$220,490	\$200,793
10	Bayfield	\$1,043	\$866	\$1,271	\$638	\$719	\$928	\$213	\$332
11	Cherryland	\$439,729	\$174,515	\$329,623	\$344,215	\$289,921	\$395,000	\$298,250	\$251,226
12	Cloverland/Edison Sault	\$1,327,578	\$904,920	\$1,273,334	\$1,080,115	\$1,147,541	\$1,275,349	\$1,282,758	\$1,442,870
13	Great Lakes	\$2,656,920	\$1,503,475	\$2,142,034	\$1,849,764	\$1,858,446	\$2,891,565	\$2,326,678	\$3,582,774
14	Midwest	\$1,327,889	\$841,983	\$929,834	\$1,049,336	\$1,137,178	\$1,415,088	\$1,368,551	\$1,541,045
15	Ontonagon	\$122,508	\$45,447	\$52,279	\$43,648	\$42,246	\$69,691	\$59,214	\$151,397
16	Presque Isle	\$707,182	\$313,565	\$425,955	\$346,051	\$364,501	\$527,833	\$477,335	\$731,085
17	Thumb	\$375,517	\$227,833	\$254,229	\$234,950	\$299,744	\$350,181	\$293,977	\$466,951
18	Tri-County	\$814,853	\$378,650	\$443,333	\$493,557	\$499,903	\$685,770	\$772,882	\$771,678
	Subtotal Electric Coops	\$7,974,258	\$4,539,722	\$6,007,195	\$5,593,184	\$5,823,828	\$7,819,506	\$7,100,348	\$9,140,151
Electric Municipalities									
19	Baraga	\$42,794	\$48,700	\$42,490	\$39,737	\$37,467	\$45,612	\$20,893	\$35,983
20	Bay City	\$779,774	\$469,307	\$479,666	\$578,296	\$700,192	\$483,679	\$520,974	\$532,965
21	Charlevoix	\$124,543	\$68,757	\$78,900	\$63,353	\$94,145	\$70,024	\$90,341	\$88,297
22	Chelsea	\$174,424	\$72,410	\$36,909	\$108,690	\$127,311	\$137,078	\$124,792	\$115,982
23	Clinton	\$15,365	\$9,465	\$11,949	\$9,391	\$16,245	\$20,269	\$19,579	\$16,476
24	Coldwater	\$329,201	\$536,800	\$536,000	\$301,048	\$265,514	\$306,179	\$369,210	\$467,884
25	Croswell	\$74,315	\$43,500	\$57,029	\$84,861	\$38,081	\$43,031	\$36,106	\$38,839
26	Crystal Falls	\$82,466	\$43,440	\$43,059	\$55,740	\$33,006	\$47,160	\$30,329	\$24,594
27	Daggett	\$3,199	\$2,469	\$1,993	\$1,875	\$1,852	\$2,356	\$2,561	\$3,611
28	Detroit PLD	\$527,650	\$141,860						
29	Dowagiac	\$179,237	\$66,347	\$113,166	\$113,643	\$121,180	\$144,912	\$58,647	\$91,174
30	Eaton Rapids	\$99,978	\$67,040	\$86,412	\$84,448	\$58,887	\$81,125	\$77,661	\$105,270
31	Escazaba	\$271,926	\$191,237	\$211,714	\$160,238	\$265,300	\$200,334	\$315,781	\$213,981
32	Gladstone	\$106,122	\$79,460	\$61,598	\$70,807	\$54,825	\$85,959	\$43,479	\$41,781
33	Grand Haven	\$601,512	\$228,811	\$173,729	\$370,376	\$376,155	\$460,912	\$415,429	\$400,151
34	Harbor Springs	\$80,329	\$43,205	\$64,774	\$56,859	\$47,197	\$68,435	\$32,956	\$40,948
35	Hart Hydro	\$65,815	\$38,926	\$68,214	\$74,927	\$51,966	\$55,703	\$65,741	\$59,968
36	Hillsdale	\$218,169	\$214,108	\$196,493	\$201,931	\$191,637	\$277,790	\$168,016	\$134,964
37	Holland	\$2,056,460	\$1,066,505	\$1,265,403	\$1,472,659	\$1,072,065	\$972,127	\$1,004,204	\$1,051,787
38	L'Anse	\$37,661	\$31,114	\$22,350	\$25,586	\$28,353	\$30,659	\$14,319	\$21,643
39	LBWL	\$5,457,314	\$3,260,845	\$3,612,207	\$3,537,494	\$3,878,490	\$4,292,040	\$4,193,257	\$3,833,012
40	Lowell	\$147,825	\$63,247	\$92,874	\$136,862	\$74,326	\$108,249	\$101,770	\$101,097
41	Marquette	\$701,097	\$488,019	\$468,288	\$403,665	\$500,865	\$436,013	\$614,189	\$464,290
42	Marshall	\$137,457	\$55,902	\$74,234	\$84,910	\$74,853	\$57,394	\$66,184	\$68,559
43	Negaunee	\$93,777	\$65,940	\$54,094	\$45,694	\$40,818	\$64,540	\$37,959	\$37,312
44	Newberry	\$43,332	\$31,159	\$34,013	\$16,728	\$32,887	\$26,285	\$33,994	\$36,149
45	Niles	\$300,065	\$129,103	\$120,312	\$222,279	\$190,805	\$185,144	\$170,896	\$148,650
46	Norway	\$98,179	\$72,560	\$81,451	\$65,792	\$55,267	\$73,599	\$28,827	\$44,765
47	Paw Paw	\$64,413	\$55,998	\$24,638	\$79,359	\$70,204	\$89,558	\$68,308	\$49,052
48	Petoskey	\$170,584	\$96,140	\$24,929	\$167,240	\$174,399	\$160,906	\$173,549	\$120,401
49	Portland	\$80,819	\$41,497	\$60,388	\$57,832	\$65,519	\$74,887	\$64,351	\$53,148
50	Sebewaing	\$119,312	\$43,577	\$79,772	\$54,616	\$61,591	\$61,395	\$50,026	\$56,281
51	South Haven	\$281,730	\$260,203	\$224,941	\$240,518	\$226,012	\$194,657	\$234,953	\$241,307
52	St. Louis	\$86,583	\$53,446	\$66,106	\$73,664	\$60,509	\$64,676	\$61,352	\$47,839
53	Stephenson	\$16,467	\$7,799	\$8,055	\$6,854	\$8,738	\$12,503	\$10,758	\$12,752
54	Sturgis	\$462,458	\$242,340	\$230,663	\$316,200	\$332,581	\$309,302	\$348,786	\$241,546
55	Traverse City	\$865,596	\$612,250	\$394,329	\$460,846	\$387,710	\$500,689	\$409,902	\$264,869
56	Union City	\$18,295	\$11,577	\$12,738	\$9,679	\$25,187	\$17,623	\$16,542	\$15,020
57	Wakefield	\$18,908	\$6,186	\$10,525	\$5,596	\$19,062	\$19,062	\$24,248	\$0
58	Wyandotte	\$714,828	\$238,925	\$205,254	\$346,719	\$346,202	\$269,562	\$242,950	\$108,862
59	Zeeland	\$618,228	\$285,371	\$420,021	\$405,471	\$392,449	\$353,324	\$384,548	\$437,086
	Subtotal Municipals	\$16,368,207	\$9,585,545	\$9,851,680	\$10,612,483	\$10,599,852	\$10,904,752	\$10,748,347	\$9,868,295
	Subtotal Statewide Electric	\$256,964,741	\$159,539,215	\$168,160,945	\$183,977,204	\$187,967,771	\$182,081,480	\$220,446,184	\$236,655,735
Gas Companies									
60	Consumers	\$87,207,089	\$48,148,786	\$47,776,959	\$40,600,000	\$41,900,000	\$44,267,568	\$52,865,746	\$53,928,331
61	DTE Energy Gas	\$48,112,540	\$28,600,000	\$25,600,000	\$24,113,957	\$24,000,000	\$24,990,245	\$25,453,757	\$27,734,878
62	MGU	\$5,308,430	\$3,671,084	\$3,471,355	\$2,563,990	\$2,269,607	\$3,673,563	\$1,862,349	\$1,925,723
63	SEMCO Energy	\$10,285,456	\$6,242,032	\$7,363,011	\$5,469,134	\$5,930,748	\$7,985,431	\$7,828,800	\$12,451,809
64	WPSCorp	\$169,938	\$91,685	\$98,743	\$77,633	\$78,803	\$112,999	\$53,769	\$48,587
65	Xcel Energy Electric	\$218,623	\$109,531	\$112,867	\$102,188	\$101,642	\$146,690	\$50,556	\$86,844
	Subtotal Statewide Gas	\$151,302,076	\$86,863,118	\$84,422,935	\$72,926,902	\$74,280,800	\$81,176,496	\$88,114,977	\$96,176,172
	Total Gas and Electric	\$408,266,817	\$246,402,333	\$252,583,880	\$256,904,107	\$262,248,571	\$263,257,976	\$308,561,161	\$332,831,907

STATEWIDE ELECTRIC and GAS 2018			
	2018 Expenditures	USRCT	Lifecycle Savings
DTE-Electric	\$91,814,029	4.80	\$440,707,339
CE Electric	\$117,816,710	2.90	\$341,668,459
Indiana Michigan	\$4,505,648	3.30	\$14,868,638
SubTotal	\$214,136,387	3.67	\$782,375,798
Efficiency United	\$3,984,398	3.18	\$12,670,386
Co-ops	\$9,139,819	2.70	\$24,677,511
Municipal	\$9,395,131	4.69	\$44,063,164
Total Electric	\$236,655,735	3.60	\$878,655,498
	2018 Expenditures	USRCT	Lifecycle Savings in \$
DTE-Gas	\$27,734,878	2.30	\$63,790,219
CE Gas	\$53,928,331	1.70	\$91,678,163
SEMCO	\$12,451,809	2.40	\$29,884,342
Subtotal	\$81,663,209	2.13	\$155,468,382
Efficiency United	\$ 2,061,154	4.69	\$9,666,812
Total Gas	\$96,176,172	2.77	\$195,019,536
Statewide Total	\$332,831,907	3.18	\$1,073,675,034

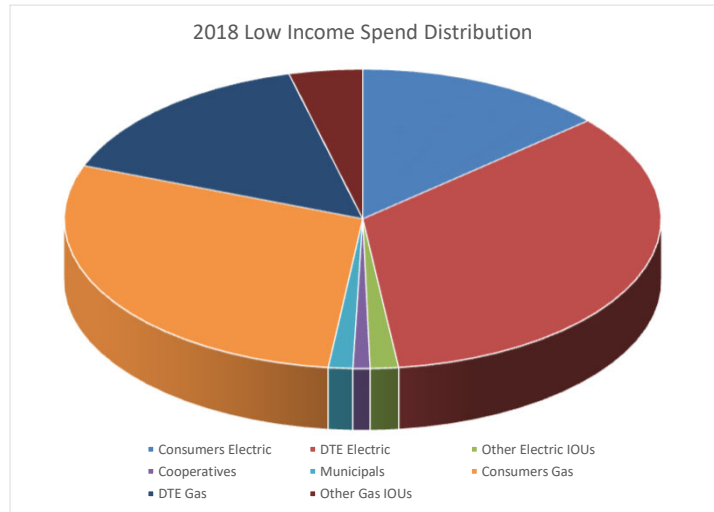


Utility Financial Incentive Payments Awarded through 2018

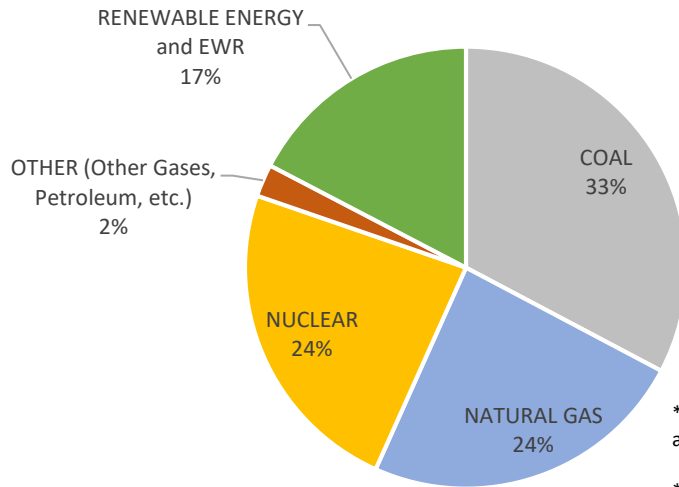
Program Year	Consumers Energy Electric	Consumers Energy Gas	DTE Energy - Electric	DTE Energy - Gas	Indiana Michigan Power Co.	Semco Energy Inc.	Upper Peninsula Power Co.	Annual Total
2009	\$3,323,612	\$2,361,693	\$3,008,829	\$913,374	n/a	n/a	n/a	\$9,607,508
2010	\$5,076,731	\$3,407,064	\$6,200,000	\$2,400,000	n/a	n/a	n/a	\$17,083,795
2011	\$7,281,670	\$7,312,307	\$8,400,000	\$3,400,000	n/a	n/a	n/a	\$26,393,977
2012	\$10,027,210	\$7,282,721	\$10,400,000	\$4,300,000	n/a	n/a	n/a	\$32,009,931
2013	\$10,364,556	\$7,166,544	\$10,562,411	\$3,848,020	n/a	n/a	n/a	\$31,941,531
2014	\$11,231,840	\$6,090,390	\$12,716,895	\$3,617,094	\$618,074	\$780,795	n/a	\$35,055,088
2015	\$11,426,037	\$6,277,944	\$13,100,000	\$3,600,000	\$759,727	\$933,725	n/a	\$36,097,433
2016	\$11,582,390	\$6,640,135	\$13,300,000	\$3,700,000	\$579,101	\$1,197,815	n/a	\$36,999,441
2017	\$21,398,658	\$9,971,018	\$17,200,000	\$4,708,945	\$690,581	\$1,447,545	n/a	\$55,416,747
2018	\$23,563,342	\$10,785,666	\$21,325,892	\$5,546,975	\$432,012	\$2,490,361	\$317,818	\$64,462,066
Total	\$115,276,046	\$67,295,482	\$116,214,027	\$36,034,408	\$3,079,495	\$6,850,241	\$317,818	\$345,067,517

Actual Spending		Low Income Actual	Low Income Commitment
		2018	2018
Electric IOUs			
1	Alpena	\$33,841	\$30,524
2	Consumers	\$5,437,604	\$5,405,472
3	DTE Energy Electric	\$13,752,866	\$11,834,187
4	Indiana Michigan	\$185,674	\$252,703
5	UP Power	\$292,320	\$308,570
6	UMERC	\$78,013	\$78,002
7	Wisconsin Electric	\$0	\$0
8	Xcel Energy Electric	\$18,859	\$17,413
Subtotal Electric IOUs		\$19,799,177	\$17,926,871
Electric Coops			
9	Alger Delta	\$3,471	\$8,057
10	Bayfield	\$120	\$56
11	Cherryland		
12	Cloverland/Edison Sault	\$50,446	\$45,555
13	Great Lakes	\$145,669	\$122,838
14	Midwest	\$59,396	\$74,013
15	Ontonagon	\$3,598	\$5,035
16	Presque Isle	\$46,147	\$42,270
17	Thumb	\$27,052	\$28,238
18	Tri-County	\$31,290	\$36,969
Subtotal Electric Coops		\$367,189	\$363,031
Municipals			
19	Baraga	\$7,192	\$3,239
20	Bay City	\$55,985	\$57,014
21	Charlevoix	\$8,468	\$8,475
22	Chelsea	\$1,740	\$1,915
23	Clinton	\$284	\$1,000
24	Coldwater	\$9,463	\$46,000
25	Crowell	\$283	\$2,289
26	Crystal Falls	\$2,860	\$2,852
27	Daggett	\$395	\$847
29	Dowagiac	\$9,040	\$9,001
30	Eaton Rapids	\$6,554	\$7,154
31	Escanaba	\$4,325	\$8,847
32	Gladstone	\$4,110	\$4,085
33	Grand Haven	\$514	\$33,558
34	Harbor Springs	\$4,407	\$4,398
35	Hart Hydro	\$1,798	\$2,150
36	Hillsdale	\$15,248	\$14,750
37	Holland	\$56,022	\$91,295
38	L'Anse	\$1,890	\$14,750
39	LBWL	\$239,247	\$239,247
40	Lowell	\$1,172	\$4,466
41	Marquette	\$8,358	\$17,654
42	Marshall	\$2,981	\$8,148
43	Negaunee	\$4,016	\$4,016
44	Newberry	\$1,299	\$1,311
45	Niles	\$11,136	\$12,386
46	Norway	\$5,040	\$4,211
47	Paw Paw	\$2,204	\$2,400
48	Petoskey	\$5,974	\$6,275
49	Portland	\$5,974	\$6,562
50	Sebewaing	\$2,995	\$6,929
51	South Haven	\$11,067	\$8,013
52	St. Louis	\$4,234	\$4,723
53	Stephenson	\$848	\$470
54	Sturgis	\$17,400	\$20,056
55	Traverse City	\$1,076	\$22,765
56	Union City	\$163	\$1,903
57	Wakefield	\$0	\$2,477
58	Wyandotte	\$2,071	\$31,645
59	Zeeland	\$8,642	\$9,429
Subtotal Municipals		\$526,475	\$728,705
Subtotal Statewide Electric		\$20,692,841	\$19,018,607
Gas Companies			
60	Consumers	\$11,544,874	\$11,387,489
61	DTE Energy Gas	\$6,083,659	\$4,627,493
62	MGU	\$180,238	\$159,044
63	SEMCO Energy	\$1,398,016	\$1,200,000
64	WPSCorp	\$5,205	\$4,031
65	Xcel Energy Electric	\$6,515	\$5,667
Subtotal Gas		\$19,218,507	\$17,383,724
Total		\$39,911,348	\$36,402,331

2018	
Consumers Electric	\$5,437,604
DTE Electric	\$13,752,866
Other Electric IOUs	\$608,707
Cooperatives	\$367,189
Municipals	\$526,475
Consumers Gas	\$11,544,874
DTE Gas	\$6,083,659
Other Gas IOUs	\$1,589,974
TOTAL	\$39,911,348



Michigan Energy Mix 2018 (MWh)

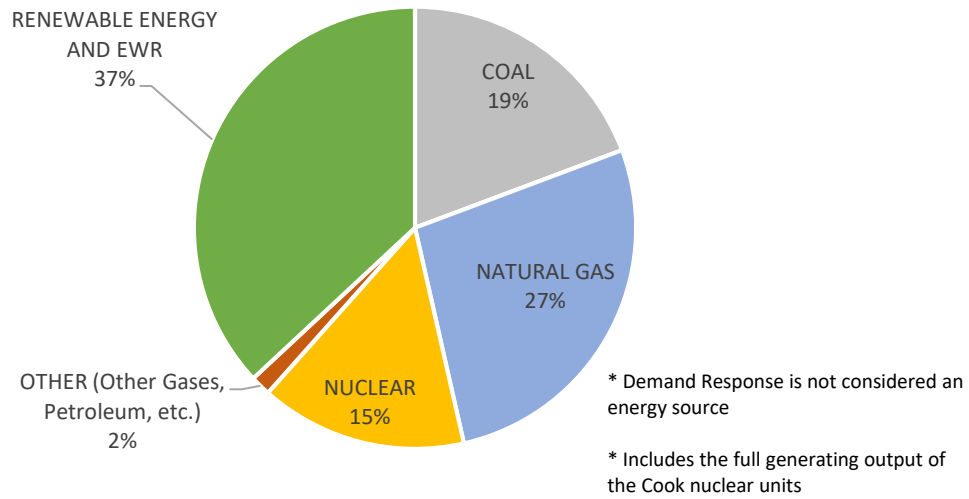


* Demand Response is not considered an energy source

* Includes the full generating output of the Cook nuclear units

Fuel Type	MWh Generation 2018	Percentage of 2018 Generation
COAL	42,330,864	33%
NATURAL GAS	30,986,892	24%
NUCLEAR	30,478,694	24%
OTHER (Other Gases, Petroleum, etc.)	3,063,461	2%
		0%
RENEWABLE ENERGY and EWR	22,431,306	17%
		0%
TOTAL	129,291,217	100%
Notes:		
Coal, Natural Gas, Nuclear	EIA State Data: "Net Generation by State by Type of Producer by Energy"	
	https://www.eia.gov/electricity/data/state/	

Michigan Energy Mix 2025 (MWh)



Fuel Type	MWh Generation 2025	Percentage of 2025 Generation
COAL	27,385,751	19.29%
NATURAL GAS	38,554,975	27.16%
NUCLEAR	21,490,412	15.14%
OTHER (Other Gases, Petroleum, etc.)	2,106,926	1.48%
RENEWABLE ENERGY and EWR	52,430,278	36.93%
TOTAL	141,968,342	100.00%