

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
January 1, 2019**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u>	<u>25</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>1,000</u>	<u>10,000</u>	<u>50,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.84	14.66	14.06	14.51	13.66	13.82	12.48	11.53	10.15	8.00	7.97
CONSUMERS ENERGY		17.73	16.14	15.35	15.78	14.15	15.31	13.89	13.03	10.39	8.30	7.64
DTE ELECTRIC		17.46	15.77	15.68	13.87	12.75	11.99	11.93	12.03	8.43	7.69	7.44
AEP (I&M) COMBINED		16.58	14.34	13.23	0.00	16.00	13.97	12.71	11.95	9.21	7.95	9.94
NORTHERN STATES POWER		15.08	13.10	12.11	12.10	10.89	11.96	10.79	10.09	9.55	9.46	9.45
UPPER PENINSULA POWER		23.46	20.28	18.68	13.82	12.08	12.41	10.80	9.83	5.81	5.12	4.30
UPPER PENINSULA POWER IRON RIVER		22.68	19.49	18.76	13.82	12.08	12.41	10.80	9.83	5.81	5.12	4.30
UMERC (FORMERLY WEPCO)		17.77	15.57	14.47	16.54	14.26	13.89	13.84	11.98	10.40	9.96	7.61
UMERC (FORMERLY WPSC)		16.00	13.60	12.40	13.45	11.16	11.17	11.07	11.01	8.96	8.53	7.95
AVERAGE INVESTOR OWNED		18.07	15.88	14.97	12.65	13.00	12.99	12.03	11.25	8.75	7.79	7.40

Source: Michigan Public Service Commission Utility Rate Books

Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
December 1, 2018**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u>	<u>25</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>1,000</u>	<u>10,000</u>	<u>50,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.14	13.95	13.36	14.10	13.25	13.29	11.95	11.00	9.45	7.29	7.26
CONSUMERS ENERGY		17.30	15.72	14.92	15.35	13.72	14.88	13.46	12.60	9.97	7.87	7.21
DTE ELECTRIC		17.19	15.50	15.41	13.60	12.48	11.72	11.67	11.76	8.16	7.42	7.18
AEP (I&M) COMBINED		16.57	14.33	13.21	0.00	15.99	13.97	12.71	11.95	9.20	7.95	9.94
NORTHERN STATES POWER		14.62	12.63	11.64	11.66	10.45	11.57	10.40	9.70	9.24	9.14	9.13
UPPER PENINSULA POWER		23.46	20.28	18.68	13.82	12.08	12.41	10.80	9.83	5.81	5.12	4.30
UPPER PENINSULA POWER IRON RIVER		22.68	19.49	18.76	13.82	12.08	12.41	10.80	9.83	5.81	5.12	4.30
UMERC (FORMERLY WEPCO)		15.93	13.72	12.62	14.62	12.34	11.97	11.92	10.39	9.00	8.56	6.21
UMERC (FORMERLY WPSC)		14.59	12.19	10.99	12.25	9.96	9.96	9.86	9.80	8.24	7.81	7.23
AVERAGE INVESTOR OWNED		17.50	15.31	14.40	12.14	12.48	12.46	11.51	10.76	8.32	7.36	6.97

Source: Michigan Public Service Commission Utility Rate Books

Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
November 1, 2018**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	5 <u>1,000</u>	25 <u>5,000</u>	100 <u>21,600</u>	100 <u>28,800</u>	100 <u>36,000</u>	1,000 <u>432,000</u>	10,000 <u>4,320,000</u>	50,000 <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.14	12.95	12.36	13.10	12.25	12.29	10.95	10.00	8.45	6.29	6.26
CONSUMERS ENERGY		17.14	15.55	14.76	15.19	13.55	14.71	13.29	12.44	9.80	7.71	7.05
DTE ELECTRIC		17.19	15.50	15.41	13.60	12.48	11.72	11.67	11.76	8.16	7.42	7.18
AEP (I&M) COMBINED		16.57	14.33	13.21	0.00	15.99	13.97	12.71	11.95	9.20	7.95	9.94
NORTHERN STATES POWER		14.62	12.63	11.64	11.66	10.45	11.57	10.40	9.70	9.24	9.14	9.13
UPPER PENINSULA POWER		24.16	20.97	19.38	14.59	12.86	12.87	11.26	10.29	6.26	5.57	4.75
UPPER PENINSULA POWER IRON RIVER		23.31	20.12	19.39	14.59	12.86	12.87	11.26	10.29	6.26	5.57	4.75
UMERC (FORMERLY WEPCO)		16.48	14.35	13.29	15.23	13.02	12.66	12.61	11.07	9.69	9.25	6.91
UMERC (FORMERLY WPSC)		14.89	12.49	11.29	12.55	10.26	10.26	10.16	10.10	8.54	8.11	7.53
AVERAGE INVESTOR OWNED		17.61	15.43	14.52	12.28	12.64	12.55	11.59	10.84	8.40	7.45	7.06

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
October 1, 2018**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.14	12.95	12.36	13.10	12.25	12.29	10.95	10.00	8.45	6.29	6.26
CONSUMERS ENERGY		17.12	15.53	14.74	15.17	13.54	14.70	13.28	12.42	9.78	7.69	7.03
DTE ELECTRIC		17.06	15.37	15.27	13.47	12.35	11.59	11.53	11.62	8.03	7.29	7.04
AEP (I&M) COMBINED		17.43	15.19	14.07	0.00	16.85	14.83	13.57	12.81	10.06	8.81	10.80
NORTHERN STATES POWER		14.62	12.63	11.64	11.66	10.45	11.57	10.40	9.70	9.24	9.14	9.13
UPPER PENINSULA POWER		24.52	21.33	19.74	14.96	13.25	13.25	11.65	10.68	6.65	5.97	5.15
UPPER PENINSULA POWER IRON RIVER		23.67	20.48	19.75	14.96	13.25	13.25	11.65	10.68	6.65	5.97	5.15
UMERC (FORMERLY WEPCO)		16.63	14.42	13.32	15.32	13.04	12.67	12.62	11.09	9.70	9.26	6.91
UMERC (FORMERLY WPSC)		14.85	12.45	11.25	12.52	10.25	10.23	10.14	10.08	8.54	8.11	7.52
AVERAGE INVESTOR OWNED		17.78	15.60	14.68	12.35	12.80	12.71	11.75	11.01	8.56	7.61	7.22

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
September 1, 2018**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	5 <u>1,000</u>	25 <u>5,000</u>	100 <u>21,600</u>	100 <u>28,800</u>	100 <u>36,000</u>	1,000 <u>432,000</u>	10,000 <u>4,320,000</u>	50,000 <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.94	13.75	13.16	13.60	12.75	12.79	11.45	10.50	9.10	6.85	6.82
CONSUMERS ENERGY		17.12	15.54	16.05	15.56	13.93	16.14	14.49	13.49	10.15	8.48	7.82
DTE ELECTRIC		17.06	15.37	15.27	13.47	12.35	11.59	11.53	11.62	8.03	7.29	7.04
AEP (I&M) COMBINED		17.43	15.19	14.07	0.00	16.85	14.83	13.57	12.81	10.06	8.81	10.80
NORTHERN STATES POWER		14.62	12.63	11.64	11.66	10.45	11.57	10.40	9.70	9.24	9.14	9.13
UPPER PENINSULA POWER		24.52	21.33	19.74	14.96	13.25	13.25	11.65	10.68	6.65	5.97	5.15
UPPER PENINSULA POWER IRON RIVER		23.67	20.48	19.75	14.96	13.25	13.25	11.65	10.68	6.65	5.97	5.15
UMERC (FORMERLY WEPCO)		17.04	14.91	13.85	15.86	13.65	13.30	13.25	11.38	9.80	9.37	7.03
UMERC (FORMERLY WPSC)		15.38	12.98	11.78	12.84	10.57	10.56	10.46	10.41	8.38	7.95	7.36
AVERAGE INVESTOR OWNED		17.97	15.80	15.03	12.55	13.01	13.03	12.05	11.25	8.67	7.76	7.37

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
August 1, 2018**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.94	13.75	13.16	13.60	12.75	12.79	11.45	10.50	9.10	6.85	6.82
CONSUMERS ENERGY		17.33	15.74	15.63	15.77	14.14	16.35	14.70	13.70	10.36	8.69	8.03
DTE ELECTRIC		17.06	15.37	15.27	13.49	12.37	11.61	11.55	11.62	8.03	7.29	7.04
AEP (I&M) COMBINED		17.79	15.56	14.44	0.00	17.20	15.17	13.91	13.16	10.30	9.00	11.08
NORTHERN STATES POWER		14.97	12.98	11.99	11.84	10.76	11.87	10.70	9.99	9.47	9.36	9.35
UPPER PENINSULA POWER		24.52	21.33	19.74	14.96	13.25	13.25	11.65	10.68	6.65	5.97	5.15
UPPER PENINSULA POWER IRON RIVER		23.67	20.48	19.75	14.96	13.25	13.25	11.65	10.68	6.65	5.97	5.15
UMERC (FORMERLY WEPCO)		17.39	15.18	14.08	16.15	13.87	13.50	13.45	11.59	10.01	9.57	7.23
UMERC (FORMERLY WPSC)		15.48	13.08	11.88	12.94	10.67	10.66	10.56	10.51	8.48	8.05	7.46
AVERAGE INVESTOR OWNED		18.13	15.94	15.10	12.63	13.14	13.16	12.18	11.38	8.78	7.86	7.48

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
July 1, 2018**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	5 <u>1,000</u>	25 <u>5,000</u>	100 <u>21,600</u>	100 <u>28,800</u>	100 <u>36,000</u>	1,000 <u>432,000</u>	10,000 <u>4,320,000</u>	50,000 <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.94	14.75	14.16	14.60	13.75	13.79	12.45	11.50	10.07	7.85	7.82
CONSUMERS ENERGY		17.74	16.15	16.67	16.14	14.52	16.80	15.09	14.06	10.93	9.22	8.55
DTE ELECTRIC		17.55	15.86	15.79	13.96	12.83	12.08	12.02	11.80	8.27	7.50	7.23
AEP (I&M) COMBINED		17.79	15.56	14.44	0.00	17.20	15.17	13.91	13.16	10.30	9.00	11.08
NORTHERN STATES POWER		14.97	12.98	11.99	11.83	10.75	11.87	10.70	9.99	9.47	9.36	9.35
UPPER PENINSULA POWER		24.52	21.33	19.74	14.96	13.25	13.25	11.65	10.68	6.65	5.97	5.15
UPPER PENINSULA POWER IRON RIVER		23.67	20.48	19.75	14.96	13.25	13.25	11.65	10.68	6.65	5.97	5.15
UMERC (FORMERLY WEPCO)		17.79	15.58	14.48	16.55	14.27	13.90	13.85	11.99	10.41	9.97	7.63
UMERC (FORMERLY WPSC)		16.04	13.64	12.44	13.50	11.24	11.22	11.13	11.07	9.04	8.62	8.03
AVERAGE INVESTOR OWNED		18.44	16.26	15.49	12.95	13.45	13.48	12.49	11.66	9.09	8.16	7.78

Source: Michigan Public Service Commission Utility Rate Books

Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
June 1, 2018**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	5 <u>1,000</u>	25 <u>5,000</u>	100 <u>21,600</u>	100 <u>28,800</u>	100 <u>36,000</u>	1,000 <u>432,000</u>	10,000 <u>4,320,000</u>	50,000 <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.94	14.75	14.16	14.60	13.75	13.79	12.45	11.50	10.10	7.85	7.82
CONSUMERS ENERGY		17.76	16.18	16.69	16.17	14.54	16.83	15.12	14.09	#####	39601875.72	185293671.60
DTE ELECTRIC		17.55	15.86	15.79	13.96	12.83	12.08	12.02	11.80	8.27	7.50	7.23
AEP (I&M) COMBINED		17.79	15.56	14.44	0.00	17.20	15.17	13.91	13.16	10.30	9.00	11.08
NORTHERN STATES POWER		14.93	12.95	11.95	11.83	10.75	11.97	10.80	10.09	9.47	9.36	9.35
UPPER PENINSULA POWER		25.20	22.01	20.42	15.71	14.00	13.70	12.10	11.13	7.09	6.40	5.59
UPPER PENINSULA POWER IRON RIVER		24.28	21.09	20.36	15.71	14.00	13.70	12.10	11.13	7.09	6.40	5.59
UMERC (FORMERLY WEPCO)		18.03	15.90	14.83	16.87	14.67	14.31	14.26	12.21	10.58	10.15	7.80
UMERC (FORMERLY WPSC)		16.50	14.10	12.90	13.87	11.60	11.58	11.49	11.43	9.15	8.73	8.14
AVERAGE INVESTOR OWNED		18.66	16.49	15.73	13.19	13.70	13.68	12.69	11.84	507229.66	4400215.68	20588192.69

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
May 1, 2018**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	5 <u>1,000</u>	25 <u>5,000</u>	100 <u>21,600</u>	100 <u>28,800</u>	100 <u>36,000</u>	1,000 <u>432,000</u>	10,000 <u>4,320,000</u>	50,000 <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		16.27	15.09	14.50	14.91	14.07	14.07	12.66	11.68	10.23	7.92	7.89
CONSUMERS ENERGY		17.81	16.22	15.43	15.82	14.20	15.43	13.95	13.07	10.64	8.95	8.29
DTE ELECTRIC		17.81	16.13	16.05	14.08	12.96	12.20	12.15	11.59	8.22	7.40	7.12
AEP (I&M) COMBINED		15.38	13.15	12.03	14.61	12.44	11.52	10.71	10.21	9.17	8.64	10.14
NORTHERN STATES POWER		14.65	12.72	11.75	11.99	10.91	12.19	11.01	10.31	9.93	9.82	9.81
UPPER PENINSULA POWER		25.20	22.01	20.42	15.71	14.00	13.70	12.10	11.13	7.09	6.40	5.59
UPPER PENINSULA POWER IRON RIVER		24.28	21.09	20.36	15.71	14.00	13.70	12.10	11.13	7.09	6.40	5.59
UMERC (FORMERLY WEPCO)		18.17	15.97	14.87	16.96	14.68	14.31	14.26	12.03	10.44	10.02	7.68
UMERC (FORMERLY WPSC)		16.50	14.10	12.90	13.87	11.60	11.58	11.49	11.43	9.15	8.73	8.14
AVERAGE INVESTOR OWNED		18.45	16.27	15.37	14.85	13.21	13.19	12.27	11.40	9.11	8.25	7.80

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
April 1, 2018**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	5 <u>1,000</u>	25 <u>5,000</u>	100 <u>21,600</u>	100 <u>28,800</u>	100 <u>36,000</u>	1,000 <u>432,000</u>	10,000 <u>4,320,000</u>	50,000 <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		16.27	15.09	14.50	14.91	14.07	14.07	12.66	11.68	10.23	7.92	7.89
CONSUMERS ENERGY		17.86	16.27	15.48	15.88	14.25	15.48	14.00	13.11	10.69	8.99	8.34
DTE ELECTRIC		18.13	16.31	16.16	14.04	12.95	12.30	12.26	11.70	8.38	7.54	7.26
AEP (I&M) COMBINED		15.38	13.15	12.03	14.61	12.44	11.52	10.71	10.21	9.17	8.64	10.14
NORTHERN STATES POWER		14.65	12.72	11.75	11.99	10.91	12.19	11.01	10.31	9.93	9.82	9.81
UPPER PENINSULA POWER		25.73	22.54	20.95	16.24	14.52	14.23	12.62	11.66	7.61	6.93	6.11
UPPER PENINSULA POWER IRON RIVER		24.80	21.62	20.88	16.24	14.52	14.23	12.62	11.66	7.61	6.93	6.11
UMERC (FORMERLY WEPCO)		18.33	16.20	15.13	17.17	14.97	14.61	14.56	12.32	10.73	10.32	7.98
UMERC (FORMERLY WPSC)		16.16	13.76	12.56	14.33	12.06	11.84	11.75	11.69	9.19	8.77	8.18
AVERAGE INVESTOR OWNED		18.59	16.41	15.49	15.04	13.41	13.39	12.47	11.59	9.28	8.43	7.98

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
March 1, 2018**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	5 <u>1,000</u>	25 <u>5,000</u>	100 <u>21,600</u>	100 <u>28,800</u>	100 <u>36,000</u>	1,000 <u>432,000</u>	10,000 <u>4,320,000</u>	50,000 <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		16.27	15.09	14.50	14.91	14.07	14.07	12.66	11.68	10.23	7.92	7.89
CONSUMERS ENERGY		18.11	16.52	15.73	16.34	14.71	14.94	13.71	12.97	10.58	9.51	8.53
DTE ELECTRIC		17.85	16.17	16.09	14.04	12.95	12.30	12.26	11.70	8.39	7.54	7.26
AEP (I&M) COMBINED		15.35	13.11	11.99	14.47	12.41	11.52	10.70	10.21	9.11	8.63	10.14
NORTHERN STATES POWER		14.65	12.72	11.75	11.99	10.91	12.19	11.01	10.31	9.93	9.82	9.81
UPPER PENINSULA POWER		25.96	22.77	21.18	16.32	14.54	14.27	12.65	11.68	7.60	6.93	6.11
UPPER PENINSULA POWER IRON RIVER		25.03	21.85	21.11	16.32	14.54	14.27	12.65	11.68	7.60	6.93	6.11
UMERC (FORMERLY WEPCO)		18.47	16.27	15.17	17.26	14.98	14.61	14.56	12.33	10.74	10.32	7.98
UMERC (FORMERLY WPSC)		16.16	13.76	12.56	14.33	12.06	11.84	11.75	11.69	9.19	8.77	8.18
AVERAGE INVESTOR OWNED		18.65	16.47	15.56	15.11	13.46	13.33	12.44	11.59	9.26	8.48	8.00

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
February 1, 2018**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	5 <u>1,000</u>	25 <u>5,000</u>	100 <u>21,600</u>	100 <u>28,800</u>	100 <u>36,000</u>	1,000 <u>432,000</u>	10,000 <u>4,320,000</u>	50,000 <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		16.27	15.09	14.50	14.91	14.07	14.07	12.66	11.68	10.23	7.92	7.89
CONSUMERS ENERGY		18.03	16.44	15.65	16.26	14.63	14.85	13.63	12.89	10.49	9.42	8.44
DTE ELECTRIC		17.73	16.05	15.97	13.91	12.83	12.18	12.13	11.58	8.26	7.41	7.14
AEP (I&M) COMBINED		15.42	13.19	12.07	14.52	12.42	11.52	10.70	10.21	9.15	8.63	10.14
NORTHERN STATES POWER		14.14	12.21	11.24	11.47	10.39	11.56	10.39	10.20	9.52	9.41	9.40
UPPER PENINSULA POWER		25.96	22.77	21.18	16.32	14.54	14.27	12.65	11.68	7.60	6.93	6.11
UPPER PENINSULA POWER IRON RIVER		25.03	21.85	21.11	16.32	14.54	14.27	12.65	11.68	7.60	6.93	6.11
UMERC (FORMERLY WEPCO)		18.11	16.12	15.13	17.06	15.00	14.66	14.62	12.35	10.78	10.39	8.05
UMERC (FORMERLY WPSC)		16.16	13.76	12.56	14.33	12.06	11.84	11.75	11.69	9.19	8.77	8.18
AVERAGE INVESTOR OWNED		18.54	16.39	15.49	15.01	13.39	13.25	12.35	11.55	9.20	8.42	7.94

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
January 1, 2018**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		16.27	15.09	14.50	14.91	14.07	14.07	12.66	11.68	10.23	8.80	8.78
CONSUMERS ENERGY		18.16	16.57	15.78	16.32	14.68	14.86	13.67	12.95	10.52	9.56	8.59
DTE ELECTRIC		17.72	16.03	15.96	13.90	12.81	12.17	12.12	11.57	8.25	7.40	7.12
AEP (I&M) COMBINED		15.33	13.09	11.97	14.40	12.40	11.52	10.70	10.21	9.11	8.63	10.14
NORTHERN STATES POWER		14.65	12.72	11.75	11.99	10.91	12.19	11.01	10.31	9.93	9.82	9.81
UPPER PENINSULA POWER		25.96	22.77	21.18	16.32	14.54	14.27	12.65	11.68	7.60	6.93	6.11
UPPER PENINSULA POWER IRON RIVER		25.03	21.85	21.11	16.32	14.54	14.27	12.65	11.68	7.60	6.93	6.11
UMERC (FORMERLY WEPCO)		18.54	16.34	15.23	17.33	15.05	14.68	14.63	12.50	10.81	10.39	8.05
UMERC (FORMERLY WPSC)		16.16	13.76	12.56	14.33	12.06	11.84	11.75	11.69	9.19	8.77	8.18
AVERAGE INVESTOR OWNED		18.65	16.47	15.56	15.09	13.45	13.32	12.43	11.59	9.25	8.58	8.10

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
December 1, 2017**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.35	14.16	13.57	13.88	13.02	13.37	12.09	11.20	9.33	7.53	6.94
CONSUMERS ENERGY		15.90	15.01	14.56	13.53	11.91	12.34	11.14	10.43	9.65	9.01	8.04
DTE ELECTRIC		16.91	15.22	15.15	13.31	12.22	11.57	11.52	11.36	7.84	6.99	6.73
AEP (I&M) COMBINED		14.58	12.34	11.23	13.66	11.65	10.77	9.95	9.46	8.36	7.94	9.39
NORTHERN STATES POWER		15.27	13.33	12.36	12.60	11.52	12.69	11.52	10.81	10.54	10.43	10.42
UPPER PENINSULA POWER		28.03	24.84	23.25	18.39	16.62	16.35	14.73	13.76	9.68	9.00	8.19
UPPER PENINSULA POWER IRON RIVER		27.11	23.92	23.19	18.39	16.62	16.35	14.73	13.76	9.68	9.00	8.19
UMERC (FORMERLY WEPCO)		18.03	15.83	14.73	16.91	14.52	14.13	14.08	11.94	10.28	9.83	7.49
UMERC (FORMERLY WPSC)		16.06	13.66	12.46	14.21	11.95	11.73	11.64	11.59	9.09	8.66	8.07
AVERAGE INVESTOR OWNED		18.58	16.48	15.61	14.99	13.34	13.25	12.38	11.59	9.38	8.71	8.16

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
November 1, 2017**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	5 <u>1,000</u>	25 <u>5,000</u>	100 <u>21,600</u>	100 <u>28,800</u>	100 <u>36,000</u>	1,000 <u>432,000</u>	10,000 <u>4,320,000</u>	50,000 <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.13	13.94	13.35	13.66	12.80	13.15	11.87	10.98	9.11	7.31	6.72
CONSUMERS ENERGY		17.09	15.50	14.71	15.24	13.60	13.78	12.59	11.87	9.44	8.81	7.84
DTE ELECTRIC		16.91	15.22	15.15	13.31	12.22	11.57	11.52	11.36	7.84	6.99	6.73
AEP (I&M) COMBINED		14.58	12.34	11.23	13.66	11.65	10.77	9.95	9.46	8.36	7.94	9.39
NORTHERN STATES POWER		15.27	13.33	12.36	12.60	11.52	12.69	11.52	10.81	10.54	10.43	10.42
UPPER PENINSULA POWER		28.00	24.81	23.22	18.38	16.61	16.34	14.73	13.76	9.69	9.00	8.19
UPPER PENINSULA POWER IRON RIVER		27.08	23.89	23.16	18.38	16.61	16.34	14.73	13.76	9.69	9.00	8.19
UMERC (FORMERLY WEPCO)		18.17	16.03	14.97	17.09	14.78	14.40	14.35	12.20	10.55	10.11	7.77
UMERC (FORMERLY WPSC)		15.96	13.56	12.36	14.11	11.85	11.63	11.54	11.48	8.99	8.56	7.97
AVERAGE INVESTOR OWNED		18.69	16.51	15.61	15.16	13.52	13.41	12.53	11.74	9.36	8.68	8.13

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
October 1, 2017**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	5 <u>1,000</u>	25 <u>5,000</u>	100 <u>21,600</u>	100 <u>28,800</u>	100 <u>36,000</u>	1,000 <u>432,000</u>	10,000 <u>4,320,000</u>	50,000 <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.13	13.94	13.35	13.66	12.80	13.15	11.87	10.98	9.11	7.31	6.72
CONSUMERS ENERGY		17.27	15.68	14.89	15.42	13.78	13.96	12.77	12.05	9.62	8.99	8.02
DTE ELECTRIC		16.50	14.81	14.74	12.98	11.90	11.25	11.20	11.09	7.65	6.80	6.54
AEP (I&M) COMBINED		14.58	12.34	11.23	13.66	11.65	10.77	9.95	9.46	8.36	7.94	9.39
NORTHERN STATES POWER		15.27	13.33	12.36	12.60	11.52	12.69	11.52	10.81	10.54	10.43	10.42
UPPER PENINSULA POWER		28.00	24.81	23.22	18.38	16.61	16.34	14.73	13.76	9.69	9.00	8.19
UPPER PENINSULA POWER IRON RIVER		27.08	23.89	23.16	18.38	16.61	16.34	14.73	13.76	9.69	9.00	8.19
UMERC (FORMERLY WEPCO)		18.31	16.11	15.00	17.19	14.80	14.41	14.35	12.22	10.56	10.11	7.77
UMERC (FORMERLY WPSC)		15.85	13.45	12.25	14.01	11.75	11.52	11.43	11.38	8.88	8.46	7.86
<i>AVERAGE INVESTOR OWNED</i>		18.66	16.49	15.58	15.14	13.49	13.38	12.51	11.72	9.35	8.67	8.12

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
September 1, 2017**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	5 <u>1,000</u>	25 <u>5,000</u>	100 <u>21,600</u>	100 <u>28,800</u>	100 <u>36,000</u>	1,000 <u>432,000</u>	10,000 <u>4,320,000</u>	50,000 <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.91	13.72	13.13	13.44	12.58	12.93	11.65	10.76	8.89	7.09	6.50
CONSUMERS ENERGY		16.99	15.41	15.93	15.38	13.74	14.85	13.42	12.57	9.87	9.23	8.26
DTE ELECTRIC		17.16	15.48	15.40	13.43	12.35	11.70	11.65	11.09	7.91	7.07	6.80
AEP (I&M) COMBINED		14.58	12.34	11.23	13.66	11.65	10.77	9.95	9.46	8.36	7.94	9.39
NORTHERN STATES POWER		15.28	13.34	12.37	12.61	11.52	12.69	11.52	10.81	10.54	10.43	10.42
UPPER PENINSULA POWER		27.01	24.01	22.51	18.58	16.89	16.34	14.72	13.75	10.26	9.57	8.76
UPPER PENINSULA POWER IRON RIVER		26.11	23.11	22.42	18.58	16.89	16.34	14.72	13.75	10.26	9.57	8.76
UMERC (FORMERLY WEPCO)		18.04	15.91	14.84	16.96	14.65	14.27	14.22	12.07	10.42	9.98	7.64
UMERC (FORMERLY WPSC)		15.85	13.45	12.25	14.01	11.75	11.52	11.43	11.38	8.88	8.46	7.86
AVERAGE INVESTOR OWNED		18.44	16.31	15.56	15.18	13.56	13.49	12.59	11.74	9.49	8.82	8.27

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
August 1, 2017**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	5 <u>1,000</u>	25 <u>5,000</u>	100 <u>21,600</u>	100 <u>28,800</u>	100 <u>36,000</u>	1,000 <u>432,000</u>	10,000 <u>4,320,000</u>	50,000 <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.92	13.73	13.13	13.44	12.59	12.93	11.65	10.76	8.89	7.09	6.50
CONSUMERS ENERGY		17.00	15.41	15.93	15.29	13.64	14.71	13.32	12.48	9.78	9.23	8.26
DTE ELECTRIC		17.38	15.68	15.61	13.64	12.55	11.90	11.85	11.30	8.12	7.27	7.00
AEP (I&M) COMBINED		14.59	12.35	11.23	13.66	11.65	10.77	9.95	9.46	8.36	7.94	9.39
NORTHERN STATES POWER		15.33	13.39	12.42	12.55	11.51	12.70	11.52	10.82	10.53	10.43	10.42
UPPER PENINSULA POWER		27.01	24.01	22.51	18.58	16.89	16.34	14.72	13.75	10.26	9.57	8.76
UPPER PENINSULA POWER IRON RIVER		26.11	23.11	22.42	18.58	16.89	16.34	14.72	13.75	10.26	9.57	8.76
UMERC (FORMERLY WEPCO)		18.07	15.87	14.77	16.95	14.56	14.17	14.12	11.98	10.32	9.87	7.53
UMERC (FORMERLY WPSC)		15.85	13.45	12.25	14.01	11.75	11.52	11.43	11.38	8.88	8.46	7.86
AVERAGE INVESTOR OWNED		18.47	16.33	15.58	15.19	13.56	13.49	12.59	11.74	9.49	8.83	8.28

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
July 1, 2017**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	5 <u>1,000</u>	25 <u>5,000</u>	100 <u>21,600</u>	100 <u>28,800</u>	100 <u>36,000</u>	1,000 <u>432,000</u>	10,000 <u>4,320,000</u>	50,000 <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.70	13.51	12.91	13.22	12.37	12.71	11.43	10.54	8.67	6.87	6.28
CONSUMERS ENERGY		17.18	15.58	16.10	15.34	13.81	14.88	13.49	12.66	9.96	9.40	8.44
DTE ELECTRIC		17.38	15.68	15.61	13.64	12.55	11.90	11.85	11.30	8.12	7.27	7.00
AEP (I&M) COMBINED		14.59	12.35	11.23	13.66	11.65	10.77	9.95	9.46	8.36	7.94	9.39
NORTHERN STATES POWER		15.33	13.39	12.42	12.55	11.51	12.70	11.52	10.82	10.53	10.43	10.42
UPPER PENINSULA POWER		27.01	24.01	22.51	18.58	16.89	16.34	14.72	13.75	10.26	9.57	8.76
UPPER PENINSULA POWER IRON RIVER		26.11	23.11	22.42	18.58	16.89	16.34	14.72	13.75	10.26	9.57	8.76
UMERC (FORMERLY WEPCO)		18.22	16.02	14.92	17.10	14.71	14.32	14.27	12.14	10.47	10.03	7.68
UMERC (FORMERLY WPSC)		15.85	13.45	12.25	14.01	11.75	11.52	11.43	11.38	8.88	8.46	7.86
<i>AVERAGE INVESTOR OWNED</i>		18.48	16.34	15.60	15.19	13.57	13.50	12.60	11.76	9.50	8.84	8.29

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
June 1, 2017**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	5 <u>1,000</u>	25 <u>5,000</u>	100 <u>21,600</u>	100 <u>28,800</u>	100 <u>36,000</u>	1,000 <u>432,000</u>	10,000 <u>4,320,000</u>	50,000 <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.48	13.29	12.69	13.00	12.15	12.49	11.21	10.32	8.45	6.65	6.06
CONSUMERS ENERGY		17.22	15.63	16.15	15.51	13.86	14.93	13.54	12.70	10.01	9.45	8.48
DTE ELECTRIC		17.38	15.68	15.61	13.64	12.55	11.90	11.85	11.30	8.12	7.27	7.00
AEP (I&M) COMBINED		14.59	12.35	11.23	13.66	11.65	10.77	9.95	9.46	8.36	7.94	9.39
NORTHERN STATES POWER		15.33	13.39	12.42	12.55	11.51	12.70	11.52	10.82	10.53	10.43	10.42
UPPER PENINSULA POWER		27.01	24.01	22.51	14.75	13.06	14.93	13.31	12.34	8.07	7.38	6.57
UPPER PENINSULA POWER IRON RIVER		26.11	23.11	22.42	14.75	13.06	14.93	13.31	12.34	8.07	7.38	8.76
UMERC (FORMERLY WEPCO)		18.02	15.89	14.82	16.94	14.63	14.25	14.20	12.06	10.41	9.96	7.62
UMERC (FORMERLY WPSC)		15.85	13.45	12.25	14.01	11.75	11.52	11.43	11.38	8.88	8.46	7.86
<i>AVERAGE INVESTOR OWNED</i>		18.44	16.31	15.57	14.31	12.69	13.16	12.26	11.41	8.99	8.32	8.02

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
May 1, 2017**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	5 <u>1,000</u>	25 <u>5,000</u>	100 <u>21,600</u>	100 <u>28,800</u>	100 <u>36,000</u>	1,000 <u>432,000</u>	10,000 <u>4,320,000</u>	50,000 <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.48	13.29	12.69	13.00	12.15	12.49	11.21	10.32	8.45	6.65	6.06
CONSUMERS ENERGY		17.10	15.51	14.71	15.19	13.53	13.73	12.57	11.88	9.59	9.04	8.07
DTE ELECTRIC		17.62	15.93	15.85	13.88	12.79	12.15	12.10	11.54	8.36	7.51	7.25
AEP (I&M) COMBINED		14.59	12.35	11.23	13.66	11.65	10.77	9.95	9.46	8.36	7.94	9.39
NORTHERN STATES POWER		15.33	13.39	12.42	12.55	11.51	12.70	11.52	10.82	10.53	10.43	10.42
UPPER PENINSULA POWER		27.01	24.01	22.51	18.58	16.89	12.08	11.53	11.20	10.26	9.57	8.76
UPPER PENINSULA POWER IRON RIVER		26.11	23.11	22.42	18.58	16.89	12.08	11.53	11.20	10.26	9.57	8.76
UMERC (FORMERLY WEPCO)		18.33	16.13	15.03	17.21	14.82	14.43	14.38	12.24	10.58	10.13	7.79
UMERC (FORMERLY WPSC)		15.85	13.45	12.25	14.01	11.75	11.52	11.43	11.38	8.88	8.46	7.86
<i>AVERAGE INVESTOR OWNED</i>		18.49	16.35	15.46	15.18	13.55	12.44	11.80	11.12	9.48	8.81	8.26

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
April 1, 2017**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	5 <u>1,000</u>	25 <u>5,000</u>	100 <u>21,600</u>	100 <u>28,800</u>	100 <u>36,000</u>	1,000 <u>432,000</u>	10,000 <u>4,320,000</u>	50,000 <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.48	13.29	12.69	13.00	12.15	12.49	11.21	10.32	8.45	6.65	6.06
CONSUMERS ENERGY		17.06	15.47	14.68	15.15	13.49	13.70	12.54	11.84	9.56	9.00	8.04
DTE ELECTRIC		17.62	15.93	15.85	13.88	12.79	12.15	12.10	11.54	8.36	7.51	7.25
AEP (I&M) COMBINED		14.59	12.35	11.23	13.66	11.65	10.77	9.95	9.46	8.36	7.94	9.39
NORTHERN STATES POWER		15.33	13.39	12.42	12.55	11.51	12.70	11.52	10.82	10.53	10.43	10.42
UPPER PENINSULA POWER		27.01	24.01	22.51	18.58	16.89	12.08	11.53	11.20	10.26	9.57	8.76
UPPER PENINSULA POWER IRON RIVER		26.11	23.11	22.42	18.58	16.89	12.08	11.53	11.20	10.26	9.57	8.76
UMERC (FORMERLY WEPCO)		18.28	16.15	15.08	17.20	14.89	14.51	14.46	12.32	10.67	10.22	7.88
UMERC (FORMERLY WPSC)		14.78	12.38	11.18	13.08	10.82	10.55	10.46	10.41	8.51	8.10	7.51
AVERAGE INVESTOR OWNED		18.36	16.23	15.34	15.08	13.45	12.34	11.70	11.01	9.44	8.78	8.23

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
March 1, 2017**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	5 <u>1,000</u>	25 <u>5,000</u>	100 <u>21,600</u>	100 <u>28,800</u>	100 <u>36,000</u>	1,000 <u>432,000</u>	10,000 <u>4,320,000</u>	50,000 <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.48	13.29	12.69	13.00	12.15	12.49	11.21	10.32	8.45	6.65	6.06
CONSUMERS ENERGY		17.83	16.24	15.44	15.91	14.25	14.36	13.20	12.50	10.02	9.13	8.17
DTE ELECTRIC		17.62	15.93	15.85	13.88	12.79	12.15	12.10	11.54	8.36	7.51	7.25
AEP (I&M) COMBINED		14.59	12.35	11.23	13.66	11.65	10.77	9.95	9.46	8.36	7.94	9.39
NORTHERN STATES POWER		15.33	13.39	12.42	12.55	11.51	12.70	11.52	10.82	10.53	10.43	10.42
UPPER PENINSULA POWER		27.01	24.01	22.51	18.58	16.89	12.08	11.53	11.20	10.26	9.57	8.76
UPPER PENINSULA POWER IRON RIVER		26.11	23.11	22.42	18.58	16.89	12.08	11.53	11.20	10.26	9.57	8.76
UMERC (FORMERLY WEPCO)		18.42	16.22	15.12	17.30	14.91	14.52	14.47	12.34	10.67	10.23	7.88
UMERC (FORMERLY WPSC)		15.23	12.83	11.63	13.52	11.26	11.00	10.91	10.85	8.96	8.54	7.96
AVERAGE INVESTOR OWNED		18.51	16.37	15.48	15.22	13.59	12.46	11.82	11.14	9.54	8.84	8.29

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
February 1, 2017**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	5 <u>1,000</u>	25 <u>5,000</u>	100 <u>21,600</u>	100 <u>28,800</u>	100 <u>36,000</u>	1,000 <u>432,000</u>	10,000 <u>4,320,000</u>	50,000 <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.48	13.29	12.69	13.00	12.15	12.49	11.21	10.32	8.45	6.65	6.06
CONSUMERS ENERGY		17.37	15.78	14.98	15.83	14.17	14.39	13.23	12.54	9.37	8.58	7.45
DTE ELECTRIC		17.77	16.38	16.44	13.73	12.84	12.23	12.19	10.97	8.33	7.58	7.38
AEP (I&M) COMBINED		14.60	12.36	11.23	13.67	11.66	10.77	9.96	9.47	8.37	7.94	9.39
NORTHERN STATES POWER		15.33	13.39	12.42	12.55	11.51	12.70	11.52	10.82	10.53	10.43	10.42
UPPER PENINSULA POWER		27.01	24.01	22.51	18.58	16.89	12.08	11.53	11.20	10.26	9.57	8.76
UPPER PENINSULA POWER IRON RIVER		26.11	23.11	22.42	18.58	16.89	12.08	11.53	11.20	10.26	9.57	8.76
UMERC (FORMERLY WEPCO)		18.34	16.35	15.36	17.36	15.20	14.84	14.80	12.62	10.99	10.57	8.22
UMERC (FORMERLY WPSC)		15.29	12.89	11.69	13.58	11.32	11.05	10.96	10.91	9.01	8.60	8.01
AVERAGE INVESTOR OWNED		18.48	16.39	15.53	15.21	13.62	12.52	11.88	11.12	9.51	8.83	8.27

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
January 1, 2017**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	5 <u>1,000</u>	25 <u>5,000</u>	100 <u>21,600</u>	100 <u>28,800</u>	100 <u>36,000</u>	1,000 <u>432,000</u>	10,000 <u>4,320,000</u>	50,000 <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.48	13.29	12.69	13.00	12.15	12.49	11.21	10.32	8.45	6.65	6.06
CONSUMERS ENERGY		17.30	15.70	14.91	15.76	14.10	14.32	13.16	12.46	9.30	8.51	7.38
DTE ELECTRIC		17.77	16.38	16.44	13.73	12.84	12.23	12.19	10.97	8.33	7.58	7.38
AEP (I&M) COMBINED		14.60	12.36	11.23	13.67	11.66	10.77	9.96	9.47	8.37	7.94	9.39
NORTHERN STATES POWER		15.33	13.39	12.42	12.55	11.51	12.70	11.52	10.82	10.53	10.43	10.42
UPPER PENINSULA POWER		27.01	24.01	22.51	18.58	16.89	12.08	11.53	11.20	10.26	9.57	8.76
UPPER PENINSULA POWER IRON RIVER		26.11	23.11	22.42	18.58	16.89	12.08	11.53	11.20	10.26	9.57	8.76
UMERC (FORMERLY WEPCO)		18.77	16.56	15.46	17.64	15.25	14.86	14.81	12.68	11.02	10.57	8.22
UMERC (FORMERLY WPSC)		15.29	12.89	11.69	13.58	11.32	11.05	10.96	10.91	9.01	8.60	8.01
AVERAGE INVESTOR OWNED		18.52	16.41	15.53	15.23	13.62	12.51	11.88	11.11	9.50	8.82	8.27

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
December 1, 2016**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.47	13.28	12.69	13.00	12.14	12.49	11.21	10.32	8.45	6.66	6.06
CONSUMERS ENERGY		16.35	14.76	13.96	14.81	13.16	13.37	12.21	11.52	8.35	7.56	6.43
DTE ELECTRIC		17.80	16.41	16.46	13.77	12.88	12.26	12.22	11.00	8.36	7.61	7.41
AEP (I&M) COMBINED		14.37	12.13	11.01	13.26	11.45	10.60	9.79	9.30	8.26	7.79	9.23
NORTHERN STATES POWER		14.93	12.99	12.02	12.16	11.11	12.30	11.13	10.42	10.13	10.03	10.03
UPPER PENINSULA POWER		27.41	24.41	22.91	18.98	17.29	12.48	11.93	11.60	10.66	9.97	9.15
UPPER PENINSULA POWER IRON RIVER		26.51	23.51	22.82	18.98	17.29	12.48	11.93	11.60	10.66	9.97	9.15
WISCONSIN ELECTRIC		17.92	15.71	14.61	16.79	14.40	14.01	13.96	11.83	10.17	9.72	7.37
WISCONSIN PUBLIC SERVICE		15.04	12.64	11.44	13.33	11.07	10.81	10.72	10.66	8.77	8.35	7.77
AVERAGE INVESTOR OWNED		18.31	16.20	15.32	15.01	13.42	12.31	11.68	10.92	9.31	8.63	8.07

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
November 1, 2016**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
<i>kW</i>				5	25	100	100	100	1,000	10,000	50,000
<i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	14.47	13.28	12.69	13.00	12.14	12.49	11.21	10.32	8.45	6.66	6.06
CONSUMERS ENERGY	16.71	15.12	14.33	15.17	13.52	13.73	12.58	11.88	8.72	7.92	6.79
DTE ELECTRIC	17.80	16.41	16.46	13.77	12.88	12.26	12.22	11.00	8.36	7.61	7.41
AEP (I&M) COMBINED	13.52	11.70	10.80	11.63	11.21	10.55	9.75	9.27	8.22	7.78	9.23
NORTHERN STATES POWER	14.93	12.99	12.02	12.16	11.11	12.30	11.13	10.42	10.13	10.03	10.03
UPPER PENINSULA POWER	27.41	24.41	22.91	18.98	17.29	12.48	11.93	11.60	10.66	9.97	9.15
UPPER PENINSULA POWER IRON RIVER	26.51	23.51	22.82	18.98	17.29	12.48	11.93	11.60	10.66	9.97	9.15
WISCONSIN ELECTRIC	17.97	15.84	14.78	16.90	14.58	14.21	14.16	12.01	10.36	9.92	7.57
WISCONSIN PUBLIC SERVICE	15.04	12.64	11.44	13.33	11.07	10.81	10.72	10.66	8.77	8.35	7.77
<u>COOPERATIVES</u>											
THUMB	16.48	13.89	12.60	12.36	10.90	13.04	11.59	10.73	8.00		
<i>AVERAGE INVESTOR OWNED</i>	18.26	16.21	15.36	14.88	13.46	12.37	11.73	10.97	9.37	8.69	8.13
<i>AVERAGE COOPERATIVE</i>	16.37	13.97	12.77	14.42	13.08	12.39	11.05	11.26	9.78		
<i>AVERAGE ALL COMPANIES</i>	17.68	15.52	14.56	14.74	13.34	12.37	11.52	11.06	9.49	8.68	8.18

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
October 1, 2016**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
<i>kW</i>				5	25	100	100	100	1,000	10,000	50,000
<i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	14.47	13.28	12.69	13.00	12.14	12.49	11.21	10.32	8.45	6.66	6.06
CONSUMERS ENERGY	16.89	15.30	14.50	15.35	13.69	13.91	12.75	12.06	8.89	8.10	6.97
DTE ELECTRIC	17.80	16.41	16.46	13.77	12.88	12.26	12.22	11.00	8.36	7.61	7.41
AEP (I&M) COMBINED	13.52	11.70	10.80	11.63	11.21	10.55	9.75	9.27	8.22	7.78	9.23
NORTHERN STATES POWER	14.93	12.99	12.02	12.16	11.11	12.30	11.13	10.42	10.13	10.03	10.03
UPPER PENINSULA POWER	27.01	24.01	22.51	18.60	16.89	12.09	11.54	11.21	10.27	9.57	8.75
UPPER PENINSULA POWER IRON RIVER	26.11	23.11	22.42	18.60	16.89	12.09	11.54	11.21	10.27	9.57	8.75
WISCONSIN ELECTRIC	18.21	16.00	14.90	17.09	14.70	14.30	14.25	12.12	10.46	10.01	7.67
WISCONSIN PUBLIC SERVICE	15.04	12.64	11.44	13.33	11.07	10.81	10.72	10.66	8.77	8.35	7.77
<u>COOPERATIVES</u>											
THUMB	16.48	13.89	12.60	12.36	10.90	13.04	11.59	10.73	8.00		
<i>AVERAGE INVESTOR OWNED</i>	18.22	16.16	15.30	14.83	13.40	12.31	11.68	10.92	9.31	8.63	8.07
<i>AVERAGE COOPERATIVE</i>	16.37	13.97	12.77	14.42	13.08	12.39	11.05	11.26	9.78		
<i>AVERAGE ALL COMPANIES</i>	17.65	15.49	14.52	14.71	13.30	12.34	11.49	11.02	9.46	8.63	8.12

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
September 1, 2016**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
<i>kW</i>				5	25	100	100	100	1,000	10,000	50,000
<i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	14.47	13.28	12.69	13.00	12.14	12.49	11.21	10.32	8.45	6.66	6.06
CONSUMERS ENERGY	17.13	15.54	16.35	16.34	14.68	15.08	13.69	12.85	9.81	9.02	7.89
DTE ELECTRIC	16.72	15.33	15.38	13.51	12.62	12.00	11.95	10.74	8.09	7.35	7.15
AEP (I&M) COMBINED	13.52	11.71	10.80	11.46	11.22	10.55	9.75	9.27	8.23	8.46	9.91
NORTHERN STATES POWER	14.93	12.99	12.02	12.16	11.11	12.30	11.13	10.42	10.13	10.03	10.03
UPPER PENINSULA POWER	26.37	23.97	22.77	19.87	18.24	16.84	15.22	14.26	10.97	10.27	9.44
UPPER PENINSULA POWER IRON RIVER	24.93	22.53	21.98	19.87	18.24	16.84	15.22	14.26	10.97	10.27	9.44
WISCONSIN ELECTRIC	18.16	16.03	14.96	17.08	14.77	14.39	14.34	12.20	10.55	10.10	7.76
WISCONSIN PUBLIC SERVICE	15.01	12.61	11.41	13.30	11.04	10.78	10.69	10.63	8.74	8.32	7.74
<u>COOPERATIVES</u>											
THUMB	16.48	13.89	12.60	12.36	10.90	13.04	11.59	10.73	8.00		
<i>AVERAGE INVESTOR OWNED</i>	17.92	16.00	15.37	15.18	13.79	13.47	12.58	11.66	9.55	8.94	8.38
<i>AVERAGE COOPERATIVE</i>	16.37	13.97	12.77	14.42	13.08	12.39	11.05	11.26	9.78		
<i>AVERAGE ALL COMPANIES</i>	17.44	15.37	14.57	14.94	13.57	13.14	12.11	11.54	9.62	8.91	8.40

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
August 1, 2016**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	5 <u>1,000</u>	25 <u>5,000</u>	100 <u>21,600</u>	100 <u>28,800</u>	100 <u>36,000</u>	1,000 <u>432,000</u>	10,000 <u>4,320,000</u>	50,000 <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.48	13.29	12.69	13.00	12.15	12.49	11.21	10.32	8.45	6.66	6.06
CONSUMERS ENERGY		16.56	14.97	15.78	15.76	14.12	14.60	13.21	12.38	9.47	8.68	7.55
DTE ELECTRIC		17.54	16.15	16.20	13.51	12.62	12.00	11.95	10.87	8.09	7.35	7.15
AEP (I&M) COMBINED		13.53	11.71	10.80	11.46	11.22	10.55	9.75	9.27	8.23	8.46	9.91
NORTHERN STATES POWER		15.05	13.10	12.13	12.32	11.15	12.24	11.08	10.39	10.11	10.03	10.03
UPPER PENINSULA POWER		26.77	24.37	23.17	20.27	18.64	17.24	15.62	14.66	11.37	10.67	9.84
UPPER PENINSULA POWER IRON RIVER		25.33	22.93	21.73	20.27	18.64	17.24	15.62	14.66	11.37	10.67	9.84
WISCONSIN ELECTRIC		18.52	16.32	15.22	17.40	15.01	14.62	14.57	12.44	10.77	10.33	7.98
WISCONSIN PUBLIC SERVICE		14.35	11.95	10.75	12.64	10.37	10.11	10.01	9.96	8.06	7.64	7.06
<u>COOPERATIVES</u>												
THUMB		16.49	13.90	12.60	12.37	10.90	13.04	11.59	10.73	8.00		
AVERAGE INVESTOR OWNED		18.02	16.09	15.39	15.18	13.77	13.45	12.56	11.66	9.55	8.94	8.38
AVERAGE COOPERATIVE		16.37	13.97	12.77	14.42	13.08	12.39	11.05	11.26	9.78		
AVERAGE ALL COMPANIES		17.51	15.44	14.58	14.95	13.56	13.13	12.10	11.54	9.62	8.91	8.40

Source: Michigan Public Service Commission Utility Rate Books

Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
July 1, 2016**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	5 <u>1,000</u>	25 <u>5,000</u>	100 <u>21,600</u>	100 <u>28,800</u>	100 <u>36,000</u>	1,000 <u>432,000</u>	10,000 <u>4,320,000</u>	50,000 <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.75	13.56	12.96	13.27	12.42	12.76	11.48	10.59	8.72	6.93	6.33
CONSUMERS ENERGY		16.25	14.66	15.47	15.44	13.78	14.27	12.88	12.05	9.20	8.41	7.28
DTE ELECTRIC		16.73	15.33	15.39	12.88	11.99	11.37	11.32	10.24	7.72	6.98	6.78
AEP (I&M) COMBINED		13.53	11.71	10.80	11.46	11.22	10.55	9.75	9.27	8.23	8.46	9.91
NORTHERN STATES POWER		15.05	13.10	12.13	12.32	11.15	12.24	11.08	10.39	10.11	10.03	10.03
UPPER PENINSULA POWER		26.77	24.37	23.17	20.27	18.64	17.24	15.62	14.66	11.37	10.67	9.84
UPPER PENINSULA POWER IRON RIVER		25.33	22.93	21.73	20.27	18.64	17.24	15.62	14.66	11.37	10.67	9.84
WISCONSIN ELECTRIC		18.52	16.32	15.22	17.40	15.01	14.62	14.57	12.44	10.77	10.33	7.98
WISCONSIN PUBLIC SERVICE		14.35	11.95	10.75	12.64	10.37	10.11	10.01	9.96	8.06	7.64	7.06
<u>COOPERATIVES</u>												
THUMB		16.49	13.90	12.60	12.37	10.90	13.04	11.59	10.73	8.00		
<i>AVERAGE INVESTOR OWNED</i>		17.92	15.99	15.29	15.11	13.69	13.38	12.48	11.58	9.51	8.90	8.34
<i>AVERAGE COOPERATIVE</i>		16.28	13.88	12.69	14.33	12.99	12.33	10.99	10.28	9.73		
<i>AVERAGE ALL COMPANIES</i>		17.42	15.34	14.49	14.87	13.48	13.06	12.02	11.18	9.58	8.87	8.36

Source: Michigan Public Service Commission Utility Rate Books

Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
June 1, 2016**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.75	13.56	12.96	13.27	12.42	12.76	11.48	10.59	8.72	6.93	6.33
CONSUMERS ENERGY		16.34	14.74	15.55	15.52	13.86	14.36	12.97	12.13	9.29	8.49	7.37
DTE ELECTRIC		16.86	15.46	15.51	13.01	12.11	11.50	11.45	10.37	7.85	7.10	6.91
AEP (I&M) COMBINED		13.53	11.71	10.80	11.46	11.22	10.55	9.75	9.27	8.23	7.79	9.24
NORTHERN STATES POWER		15.05	13.10	12.13	12.32	11.15	12.24	11.08	10.39	10.11	10.03	10.03
UPPER PENINSULA POWER		26.77	24.37	23.17	20.27	18.64	17.24	15.62	14.66	11.37	10.67	9.84
UPPER PENINSULA POWER IRON RIVER		25.33	22.93	21.73	20.27	18.64	17.24	15.62	14.66	11.37	10.67	9.84
WISCONSIN ELECTRIC		18.38	16.25	15.18	17.30	14.99	14.61	14.56	12.42	10.77	10.32	7.98
WISCONSIN PUBLIC SERVICE		14.35	11.95	10.75	12.64	10.37	10.11	10.01	9.96	8.06	7.64	7.06
<u>COOPERATIVES</u>												
THUMB		16.49	13.90	12.60	12.37	10.90	13.04	11.59	10.73	8.00		
<i>AVERAGE INVESTOR OWNED</i>		17.93	16.01	15.31	15.12	13.71	13.40	12.51	11.60	9.53	8.85	8.29
<i>AVERAGE COOPERATIVE</i>		16.28	13.88	12.69	14.33	12.99	12.33	10.99	10.28	9.73		
<i>AVERAGE ALL COMPANIES</i>		17.42	15.35	14.50	14.88	13.49	13.07	12.04	11.20	9.59	8.82	8.32

Source: Michigan Public Service Commission Utility Rate Books

Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
May 1, 2016**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i> <i>kWh</i>										
	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	14.75	13.56	12.96	13.27	12.42	12.76	11.48	10.59	8.72	6.93	6.33
CONSUMERS ENERGY	16.40	14.81	14.01	14.84	13.18	13.50	12.34	11.64	8.67	7.88	6.75
DTE ELECTRIC	16.86	15.46	15.51	13.01	12.11	11.50	11.45	10.37	7.85	7.10	6.91
AEP (I&M) COMBINED	14.72	12.90	11.99	-4.35	12.36	11.69	10.89	10.41	9.07	8.46	9.91
NORTHERN STATES POWER	15.05	13.10	12.13	12.32	11.15	12.24	11.08	10.39	10.11	10.03	10.03
UPPER PENINSULA POWER	27.73	25.33	24.13	21.23	19.60	18.19	16.58	15.61	12.33	11.63	10.80
UPPER PENINSULA POWER IRON RIVER	26.29	23.89	22.69	21.23	19.60	18.19	16.58	15.61	12.33	11.63	10.80
WISCONSIN ELECTRIC	18.52	16.32	15.22	17.40	15.01	14.62	14.57	12.44	10.77	10.33	7.98
WISCONSIN PUBLIC SERVICE	14.35	11.95	10.75	12.64	10.37	10.11	10.01	9.96	8.06	7.64	7.06
<u>COOPERATIVES</u>											
CLOVERLAND	15.26	13.46	12.56	12.74	11.67	12.85	11.58	10.92	9.05		
CLOVERLAND (EDISON SAULT LEGACY)	12.35	10.95	10.25	11.52	10.66	10.50	8.81	8.60	7.83	7.77	7.76
MIDWEST ENERGY	19.37	15.58	13.68	19.05	17.08	11.28	10.33	9.22	12.39		
THUMB	16.49	13.90	12.60	12.37	10.90	13.04	11.59	10.73	8.00		
<i>AVERAGE INVESTOR OWNED</i>	18.30	16.37	15.49	13.51	13.98	13.64	12.78	11.89	9.77	9.07	8.51
<i>AVERAGE COOPERATIVE</i>	15.87	13.47	12.27	13.92	12.58	11.92	10.58	9.87	9.32		
<i>AVERAGE ALL COMPANIES</i>	17.55	15.48	14.50	13.64	13.55	13.11	12.10	11.27	9.63	8.94	8.43

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
April 1, 2016**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.75	13.56	12.96	13.27	12.42	12.76	11.48	10.59	8.72	6.93	6.33
CONSUMERS ENERGY		16.40	14.81	14.01	14.87	13.21	13.52	12.36	11.67	8.70	7.90	6.78
DTE ELECTRIC		16.86	15.46	15.51	13.01	12.11	11.50	11.45	10.37	7.85	7.10	6.91
AEP (I&M) COMBINED		14.76	12.94	12.03	-4.17	12.39	11.70	10.90	10.42	8.99	8.45	9.91
NORTHERN STATES POWER		14.83	12.88	11.91	12.33	11.16	12.03	10.87	10.18	9.96	9.88	9.88
UPPER PENINSULA POWER		27.73	25.33	24.13	21.23	19.60	18.19	16.58	15.61	12.33	11.63	10.80
UPPER PENINSULA POWER IRON RIVER		26.29	23.89	22.69	21.23	19.60	18.19	16.58	15.61	12.33	11.63	10.80
WISCONSIN ELECTRIC		18.38	16.25	15.18	17.30	14.99	14.61	14.56	12.42	10.77	10.32	7.98
WISCONSIN PUBLIC SERVICE		13.38	10.98	9.78	11.75	9.47	9.22	9.13	9.07	7.69	7.30	6.75
<u>COOPERATIVES</u>												
CLOVERLAND		15.26	13.46	12.56	12.74	11.67	12.85	11.58	10.92	9.05		
CLOVERLAND (EDISON SAULT LEGACY)		12.35	10.95	10.25	11.52	10.66	10.50	8.81	8.60	7.83	7.77	7.76
MIDWEST ENERGY		19.37	15.58	13.68	19.05	17.08	11.28	10.33	9.22	12.39		
THUMB		16.49	13.90	12.60	12.37	10.90	13.04	11.59	10.73	8.00		
<i>AVERAGE INVESTOR OWNED</i>		18.15	16.23	15.36	13.42	13.88	13.53	12.66	11.77	9.71	9.02	8.46
<i>AVERAGE COOPERATIVE</i>		15.87	13.47	12.27	13.92	12.58	11.92	10.58	9.87	9.32		
<i>AVERAGE ALL COMPANIES</i>		17.45	15.38	14.41	13.58	13.48	13.03	12.02	11.18	9.59	8.89	8.39

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
March 1, 2016**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.75	13.56	12.96	13.27	12.42	12.76	11.48	10.59	8.72	6.93	6.33
CONSUMERS ENERGY		16.66	15.06	14.26	15.13	13.46	13.78	12.62	11.92	8.95	8.13	7.00
DTE ELECTRIC		16.86	15.42	15.46	12.90	11.99	11.37	11.32	10.21	7.70	6.95	6.76
AEP (I&M) COMBINED		14.76	12.94	12.03	-4.17	12.39	11.70	10.90	10.42	8.99	8.45	9.91
NORTHERN STATES POWER		14.86	12.92	11.95	12.34	11.16	12.04	10.88	10.18	9.96	9.88	9.87
UPPER PENINSULA POWER		27.73	25.33	24.13	21.23	19.60	18.19	16.58	15.61	12.33	11.63	10.80
UPPER PENINSULA POWER IRON RIVER		26.29	23.89	22.69	21.23	19.60	18.19	16.58	15.61	12.33	11.63	10.80
WISCONSIN ELECTRIC		18.52	16.32	15.22	17.40	15.01	14.62	14.57	12.44	10.77	10.33	7.98
WISCONSIN PUBLIC SERVICE		14.22	11.82	10.62	12.59	10.32	10.07	9.97	9.92	8.54	8.14	7.60
<u>COOPERATIVES</u>												
CLOVERLAND		15.26	13.46	12.56	12.74	11.67	12.85	11.58	10.92	9.05		
CLOVERLAND (EDISON SAULT LEGACY)		12.35	10.95	10.25	11.52	10.66	10.50	8.81	8.60	7.83	7.77	7.76
MIDWEST ENERGY		19.37	15.58	13.68	19.05	17.08	11.28	10.33	9.22	12.39		
THUMB		16.49	13.90	12.60	12.37	10.90	13.04	11.59	10.73	8.00		
<i>AVERAGE INVESTOR OWNED</i>		18.30	16.36	15.48	13.55	14.00	13.64	12.77	11.88	9.81	9.12	8.56
<i>AVERAGE COOPERATIVE</i>		15.87	13.47	12.27	13.92	12.58	11.92	10.58	9.87	9.32		
<i>AVERAGE ALL COMPANIES</i>		17.55	15.47	14.49	13.66	13.56	13.11	12.09	11.26	9.66	8.98	8.48

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
February 1, 2016**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.11	13.92	13.32	13.63	12.78	13.12	11.84	10.95	9.08	7.29	6.69
CONSUMERS ENERGY		17.39	15.79	15.00	15.85	14.19	14.51	13.35	12.65	9.68	8.87	7.73
DTE ELECTRIC		16.88	15.18	15.08	12.53	11.52	10.88	10.83	9.71	7.20	6.45	6.26
AEP (I&M) COMBINED		14.76	12.94	12.03	-4.17	12.39	11.70	10.90	10.42	8.99	8.45	9.91
NORTHERN STATES POWER		14.46	12.52	11.54	11.92	10.74	11.64	10.48	10.18	9.65	9.57	9.57
UPPER PENINSULA POWER		26.33	23.93	22.73	20.09	18.46	17.41	15.80	14.83	11.79	11.08	10.26
UPPER PENINSULA POWER IRON RIVER		24.95	22.55	21.35	20.09	18.46	17.41	15.80	14.83	11.79	11.08	10.26
WISCONSIN ELECTRIC		18.06	16.18	15.24	16.89	15.05	14.77	14.72	12.56	10.92	10.50	8.16
WISCONSIN PUBLIC SERVICE		14.22	11.82	10.62	12.59	10.32	10.07	9.97	9.92	8.54	8.14	7.60
<u>COOPERATIVES</u>												
CLOVERLAND		15.26	13.46	12.56	12.74	11.67	12.85	11.58	10.92	9.05		
CLOVERLAND (EDISON SAULT LEGACY)		12.35	10.95	10.25	11.52	10.66	10.50	8.81	8.60	7.83	7.77	7.76
MIDWEST ENERGY		19.37	15.58	13.68	19.05	17.08	11.28	10.33	9.22	12.39		
THUMB		16.49	13.90	12.60	12.37	10.90	13.04	11.59	10.73	8.00		
AVERAGE INVESTOR OWNED		18.02	16.09	15.21	13.27	13.77	13.50	12.63	11.78	9.74	9.05	8.49
AVERAGE COOPERATIVE		15.87	13.47	12.27	13.92	12.58	11.92	10.58	9.87	9.32		
AVERAGE ALL COMPANIES		17.36	15.29	14.31	13.47	13.40	13.01	12.00	11.19	9.61	8.92	8.42

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
January 1, 2016**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.11	13.92	13.32	13.63	12.78	13.12	11.84	10.95	9.08	7.29	6.69
CONSUMERS ENERGY		17.40	15.80	15.01	15.87	14.21	14.52	13.36	12.66	9.69	8.88	7.74
DTE ELECTRIC		15.95	14.56	14.61	12.06	11.17	11.04	11.00	9.77	7.18	6.43	6.23
AEP (I&M) COMBINED		14.76	12.94	12.03	-4.17	12.39	11.70	10.90	10.42	8.99	8.45	9.91
NORTHERN STATES POWER		14.86	12.92	11.95	12.34	11.16	12.04	10.88	10.18	9.96	9.88	9.87
UPPER PENINSULA POWER		26.33	23.93	22.73	20.09	18.46	17.41	15.80	14.83	11.79	11.08	10.26
UPPER PENINSULA POWER IRON RIVER		24.95	22.55	21.35	20.09	18.46	17.41	15.80	14.83	11.79	11.08	10.26
WISCONSIN ELECTRIC		18.32	16.31	15.30	17.04	15.08	14.78	14.73	12.60	10.94	10.50	8.16
WISCONSIN PUBLIC SERVICE		14.22	11.82	10.62	12.59	10.32	10.07	9.97	9.92	8.54	8.14	7.60
<u>COOPERATIVES</u>												
CLOVERLAND		15.26	13.46	12.56	12.74	11.67	12.85	11.58	10.92	9.05		
CLOVERLAND (EDISON SAULT LEGACY)		12.08	10.68	9.98	11.21	10.35	10.19	8.58	8.37	7.60	7.54	7.53
MIDWEST ENERGY		19.37	15.58	13.68	19.05	17.08	11.28	10.33	9.22	12.39		
THUMB		16.49	13.90	12.60	12.37	10.90	13.04	11.59	10.73	8.00		
AVERAGE INVESTOR OWNED		17.99	16.08	15.21	13.28	13.78	13.57	12.70	11.80	9.77	9.08	8.52
AVERAGE COOPERATIVE		15.80	13.40	12.20	13.84	12.50	11.84	10.52	9.81	9.26		
AVERAGE ALL COMPANIES		17.32	15.26	14.29	13.45	13.39	13.03	12.03	11.19	9.62	8.93	8.43

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
December 1, 2015**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.97	13.77	13.18	13.48	12.62	12.97	11.69	10.80	8.93	7.13	6.54
CONSUMERS ENERGY		16.16	14.56	13.77	14.47	12.80	13.14	12.00	11.31	9.03	7.86	6.97
DTE ELECTRIC		15.93	14.54	14.58	12.23	11.39	10.94	10.90	9.72	7.48	7.02	6.84
AEP (I&M) COMBINED		14.29	12.56	11.69	-4.48	12.05	11.40	10.60	10.12	8.75	8.17	9.62
NORTHERN STATES POWER		15.28	13.34	12.37	12.76	11.58	12.46	11.30	10.60	10.38	10.30	10.29
UPPER PENINSULA POWER		26.26	23.86	22.66	20.07	18.46	17.40	15.79	14.83	11.77	11.01	10.19
UPPER PENINSULA POWER IRON RIVER		24.88	22.48	21.28	20.07	18.46	17.40	15.79	14.83	11.77	11.01	10.19
WISCONSIN ELECTRIC		17.55	15.54	14.53	16.28	14.35	14.05	14.01	11.99	10.27	9.79	7.44
WISCONSIN PUBLIC SERVICE		13.66	11.26	10.06	12.02	9.77	9.49	9.40	9.35	8.00	7.60	7.05
<u>COOPERATIVES</u>												
CLOVERLAND		15.26	13.46	12.56	12.74	11.67	12.85	11.58	10.92	9.05		
CLOVERLAND (EDISON SAULT LEGACY)		12.08	10.68	9.98	11.21	10.35	10.19	8.58	8.37	7.60	7.54	7.53
MIDWEST ENERGY		19.37	15.58	13.68	18.67	16.70	11.49	10.54	9.43	12.59		
THUMB		16.40	13.80	12.50	12.27	10.80	12.94	11.50	10.63	7.91		
<i>AVERAGE INVESTOR OWNED</i>		17.67	15.77	14.90	12.99	13.50	13.25	12.39	11.51	9.60	8.88	8.35
<i>AVERAGE COOPERATIVE</i>		15.78	13.38	12.18	13.72	12.38	11.87	10.55	9.84	9.29		
<i>AVERAGE ALL COMPANIES</i>		17.08	15.03	14.06	13.21	13.15	12.82	11.82	10.99	9.50	8.74	8.27

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
November 1, 2015**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.97	13.77	13.18	13.48	12.62	12.97	11.69	10.80	8.93	7.13	6.54
CONSUMERS ENERGY		16.37	14.77	13.98	14.68	13.01	13.34	12.20	11.52	9.23	8.07	7.18
DTE ELECTRIC		16.10	14.62	14.63	12.42	11.44	10.95	10.91	9.72	7.48	7.02	6.84
AEP (I&M) COMBINED		14.33	12.60	11.73	-4.33	12.08	11.41	10.60	10.12	8.70	8.16	9.62
NORTHERN STATES POWER		15.28	13.34	12.37	12.76	11.58	12.46	11.30	10.60	10.38	10.30	10.29
UPPER PENINSULA POWER		26.26	23.86	22.66	20.07	18.46	17.40	15.79	14.83	11.77	11.01	10.19
UPPER PENINSULA POWER IRON RIVER		24.88	22.48	21.28	20.07	18.46	17.40	15.79	14.83	11.77	11.01	10.19
WISCONSIN ELECTRIC		17.67	15.72	14.75	16.45	14.59	14.30	14.26	12.22	10.52	10.04	7.69
WISCONSIN PUBLIC SERVICE		13.88	11.48	10.28	12.24	9.99	9.71	9.62	9.57	8.22	7.82	7.28
<u>COOPERATIVES</u>												
CLOVERLAND		15.26	13.46	12.56	12.74	11.67	12.85	11.58	10.92	9.05		
CLOVERLAND (EDISON SAULT LEGACY)		12.08	10.68	9.98	11.21	10.35	10.19	8.58	8.37	7.60	7.54	7.53
MIDWEST ENERGY		19.37	15.58	13.68	18.67	16.70	11.49	10.54	9.43	12.59		
THUMB		16.40	13.80	12.50	12.27	10.80	12.94	11.50	10.63	7.91		
<i>AVERAGE INVESTOR OWNED</i>		17.75	15.85	14.98	13.09	13.58	13.33	12.46	11.58	9.67	8.95	8.42
<i>AVERAGE COOPERATIVE</i>		15.78	13.38	12.18	13.72	12.38	11.87	10.55	9.84	9.29		
<i>AVERAGE ALL COMPANIES</i>		17.14	15.09	14.12	13.29	13.21	12.88	11.88	11.04	9.55	8.81	8.33

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
October 1, 2015**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.97	13.77	13.18	13.48	12.62	12.97	11.69	10.80	8.93	7.13	6.54
CONSUMERS ENERGY		16.39	14.80	14.00	14.70	13.04	13.37	12.23	11.54	9.26	8.09	7.21
DTE ELECTRIC		16.10	14.62	14.63	12.42	11.44	10.95	10.91	9.72	7.48	7.02	6.84
AEP (I&M) COMBINED		14.33	12.60	11.73	-4.33	12.08	11.41	10.60	10.12	8.70	8.16	9.62
NORTHERN STATES POWER		15.28	13.34	12.37	12.76	11.58	12.46	11.30	10.60	10.38	10.30	10.29
UPPER PENINSULA POWER		25.44	23.04	21.84	19.25	17.64	16.58	14.97	14.01	10.95	10.19	9.36
UPPER PENINSULA POWER IRON RIVER		24.06	21.66	20.46	19.25	17.64	16.58	14.97	14.01	10.95	10.19	9.36
WISCONSIN ELECTRIC		18.05	16.05	15.04	16.78	14.86	14.56	14.52	12.50	10.78	10.30	7.95
WISCONSIN PUBLIC SERVICE		13.88	11.48	10.28	12.24	9.99	9.71	9.62	9.57	8.22	7.82	7.28
<u>COOPERATIVES</u>												
CLOVERLAND		15.26	13.46	12.56	12.74	11.67	12.85	11.58	10.92	9.05		
CLOVERLAND (EDISON SAULT LEGACY)		12.08	10.68	9.98	11.21	10.35	10.19	8.58	8.37	7.60	7.54	7.53
MIDWEST ENERGY		19.37	15.58	13.68	18.67	16.70	11.49	10.54	9.43	12.59		
THUMB		16.40	13.80	12.50	12.27	10.80	12.94	11.50	10.63	7.91		
AVERAGE INVESTOR OWNED		17.61	15.71	14.84	12.95	13.43	13.18	12.31	11.43	9.52	8.80	8.27
AVERAGE COOPERATIVE		15.78	13.38	12.18	13.72	12.38	11.87	10.55	9.84	9.29		
AVERAGE ALL COMPANIES		17.05	14.99	14.02	13.19	13.11	12.77	11.77	10.94	9.45	8.67	8.20

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
September 1, 2015**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.97	13.77	13.18	13.48	12.62	12.97	11.69	10.80	8.93	7.13	6.54
CONSUMERS ENERGY		16.59	15.00	15.60	15.90	14.23	15.49	14.12	13.30	11.52	10.35	9.47
DTE ELECTRIC		16.10	14.62	14.63	12.42	11.44	10.95	10.91	9.72	7.48	7.02	6.84
AEP (I&M) COMBINED		13.00	11.27	10.41	11.12	10.66	10.02	9.33	8.92	7.99	7.64	7.53
NORTHERN STATES POWER		15.28	13.34	12.37	12.76	11.58	12.46	11.30	10.60	10.38	10.30	10.29
UPPER PENINSULA POWER		25.44	23.04	21.84	19.25	17.64	16.58	14.97	14.01	10.95	10.19	9.36
UPPER PENINSULA POWER IRON RIVER		24.06	21.66	20.46	19.25	17.64	16.58	14.97	14.01	10.95	10.19	9.36
WISCONSIN ELECTRIC		17.92	15.98	15.01	16.71	14.85	14.55	14.51	12.48	10.77	10.30	7.95
WISCONSIN PUBLIC SERVICE		14.06	11.66	10.46	12.42	10.17	9.89	9.80	9.75	8.40	8.00	7.45
<u>COOPERATIVES</u>												
CLOVERLAND		15.71	13.91	13.01	13.19	12.12	13.30	12.03	11.37	9.50		
CLOVERLAND (EDISON SAULT LEGACY)		12.53	11.13	10.43	11.66	10.80	10.64	9.03	8.82	8.05	7.99	7.98
MIDWEST ENERGY		19.37	15.58	13.68	18.67	16.70	11.49	10.54	9.43	12.59		
THUMB		16.40	13.80	12.50	12.27	10.80	12.94	11.50	10.63	7.91		
<i>AVERAGE INVESTOR OWNED</i>		17.49	15.59	14.88	14.81	13.42	13.28	12.40	11.51	9.71	9.01	8.31
<i>AVERAGE COOPERATIVE</i>		16.00	13.60	12.40	13.95	12.60	12.09	10.78	10.06	9.51		
<i>AVERAGE ALL COMPANIES</i>		17.03	14.98	14.12	14.55	13.17	12.91	11.90	11.06	9.65	8.91	8.28

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
August 1, 2015**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.97	13.77	13.18	13.48	12.62	12.97	11.69	10.80	8.93	7.13	6.54
CONSUMERS ENERGY		16.62	15.03	15.63	15.93	14.27	15.52	14.15	13.33	11.55	10.38	9.50
DTE ELECTRIC		17.68	16.20	16.20	13.99	13.02	12.53	12.49	11.30	9.06	8.59	8.42
AEP (I&M) COMBINED		13.00	11.27	10.40	11.12	10.66	10.02	9.33	8.92	7.99	7.64	7.53
NORTHERN STATES POWER		14.76	13.01	12.14	12.64	11.56	12.46	11.30	10.60	10.38	10.30	10.29
UPPER PENINSULA POWER		25.44	23.04	21.84	19.25	17.64	16.58	14.97	14.01	10.95	10.19	9.36
UPPER PENINSULA POWER IRON RIVER		24.06	21.66	20.46	19.25	17.64	16.58	14.97	14.01	10.95	10.19	9.36
WISCONSIN ELECTRIC		17.91	15.90	14.90	16.64	14.72	14.42	14.37	12.36	10.64	10.15	7.80
WISCONSIN PUBLIC SERVICE		14.06	11.66	10.46	12.42	10.17	9.89	9.80	9.75	8.40	8.00	7.45
<u>COOPERATIVES</u>												
CLOVERLAND		15.71	13.91	13.01	13.19	12.12	13.30	12.03	11.37	9.50		
CLOVERLAND (EDISON SAULT LEGACY)		12.53	11.13	10.43	11.66	10.80	10.64	9.03	8.82	8.05	7.99	7.98
MIDWEST ENERGY		19.37	15.58	13.68	18.67	16.70	11.49	10.54	9.43	12.59		
THUMB		16.39	13.80	12.50	12.27	10.80	12.94	11.50	10.63	7.91		
<i>AVERAGE INVESTOR OWNED</i>		17.61	15.73	15.02	14.97	13.59	13.44	12.56	11.67	9.87	9.18	8.47
<i>AVERAGE COOPERATIVE</i>		16.00	13.60	12.40	13.95	12.60	12.09	10.78	10.06	9.51		
<i>AVERAGE ALL COMPANIES</i>		17.11	15.07	14.22	14.65	13.28	13.03	12.01	11.18	9.76	9.06	8.42

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
July 1, 2015**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.97	13.77	13.18	13.48	12.62	12.97	11.69	10.80	8.93	7.13	6.54
CONSUMERS ENERGY		16.70	15.11	15.71	16.02	14.35	15.61	14.23	13.41	11.63	10.47	9.58
DTE ELECTRIC		17.68	16.20	16.20	13.50	12.52	12.03	12.00	10.92	8.76	8.30	8.12
AEP (I&M) COMBINED		13.00	11.27	10.40	11.12	10.66	10.02	9.33	8.92	7.99	7.64	7.53
NORTHERN STATES POWER		14.76	13.01	12.14	12.64	11.56	12.46	11.30	10.60	10.38	10.30	10.29
UPPER PENINSULA POWER		23.63	21.23	20.03	17.47	15.84	14.81	13.19	12.22	9.14	8.39	7.56
UPPER PENINSULA POWER IRON RIVER		22.25	19.85	18.65	17.47	15.84	14.81	13.19	12.22	9.14	8.39	7.56
WISCONSIN ELECTRIC		17.91	15.90	14.90	16.64	14.72	14.42	14.37	12.36	10.64	10.15	7.80
WISCONSIN PUBLIC SERVICE		14.07	11.67	10.47	12.43	10.17	9.89	9.80	9.75	8.40	8.00	7.45
<u>COOPERATIVES</u>												
CLOVERLAND		15.26	13.46	12.56	12.74	11.67	12.85	11.58	10.92	9.05		
CLOVERLAND (EDISON SAULT LEGACY)		12.08	10.68	9.98	11.21	10.35	10.19	8.58	8.37	7.60	7.54	7.53
MIDWEST ENERGY		19.37	15.58	13.68	18.67	16.70	11.49	10.54	9.43	12.59		
THUMB		16.39	13.80	12.50	12.27	10.80	12.94	11.50	10.63	7.91		
<i>AVERAGE INVESTOR OWNED</i>		17.22	15.34	14.63	14.53	13.14	13.00	12.12	11.24	9.45	8.75	8.05
<i>AVERAGE COOPERATIVE</i>		15.77	13.38	12.18	13.72	12.38	11.87	10.55	9.84	9.29		
<i>AVERAGE ALL COMPANIES</i>		16.77	14.73	13.88	14.28	12.91	12.65	11.64	10.81	9.40	8.63	8.00

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
June 1, 2015**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.06	13.82	13.20	13.73	12.67	12.99	11.70	10.81	8.93	7.13	6.54
CONSUMERS ENERGY		16.16	14.57	15.17	15.88	14.21	15.47	14.10	13.28	11.25	10.08	9.20
DTE ELECTRIC		15.93	14.77	14.85	13.32	12.45	11.98	11.95	11.02	9.12	8.57	8.29
AEP (I&M) COMBINED		13.00	11.27	10.40	11.12	10.66	10.02	9.33	8.92	7.99	7.64	7.53
NORTHERN STATES POWER		14.76	13.01	12.14	12.64	11.56	12.46	11.30	10.60	10.38	10.30	10.29
UPPER PENINSULA POWER		23.63	21.23	20.03	17.47	15.84	14.81	13.19	12.22	9.14	8.39	7.56
UPPER PENINSULA POWER IRON RIVER		22.25	19.85	18.65	17.47	15.84	14.81	13.19	12.22	9.14	8.39	7.56
WISCONSIN ELECTRIC		16.22	14.27	13.30	15.00	13.14	12.85	12.80	10.77	9.06	8.59	6.24
WISCONSIN PUBLIC SERVICE		14.07	11.67	10.47	12.43	10.17	9.89	9.80	9.75	8.40	8.00	7.45
<u>COOPERATIVES</u>												
CLOVERLAND		15.26	13.46	12.56	12.74	11.67	12.85	11.58	10.92	9.05		
CLOVERLAND (EDISON SAULT LEGACY)		12.08	10.68	9.98	11.21	10.35	10.19	8.58	8.37	7.60	7.54	7.53
MIDWEST ENERGY		19.37	15.58	13.68	18.67	16.70	11.49	10.54	9.43	12.59		
THUMB		16.39	13.80	12.50	12.27	10.80	12.94	11.50	10.63	7.91		
<i>AVERAGE INVESTOR OWNED</i>		16.79	14.94	14.25	14.34	12.95	12.81	11.93	11.07	9.27	8.56	7.85
<i>AVERAGE COOPERATIVE</i>		15.77	13.38	12.18	13.72	12.38	11.87	10.55	9.84	9.29		
<i>AVERAGE ALL COMPANIES</i>		16.48	14.46	13.61	14.15	12.77	12.52	11.50	10.69	9.28	8.46	7.82

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
May 1, 2015**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i> <i>kWh</i>										
	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	15.31	14.07	13.45	13.98	12.92	13.24	11.95	11.06	9.18	7.38	6.79
CONSUMERS ENERGY	16.09	14.50	13.70	14.90	13.24	13.57	12.43	11.75	9.17	8.00	7.12
DTE ELECTRIC	15.93	14.77	14.85	13.32	12.45	11.98	11.95	11.02	9.12	8.57	8.29
AEP (I&M) COMBINED	13.08	11.35	10.48	11.19	10.74	10.10	9.41	8.99	8.04	7.70	7.59
NORTHERN STATES POWER	14.76	13.01	12.14	12.64	11.56	12.46	11.30	10.60	10.38	10.30	10.29
UPPER PENINSULA POWER	23.63	21.23	20.03	17.47	15.84	14.81	13.19	12.22	9.14	8.39	7.56
UPPER PENINSULA POWER IRON RIVER	22.25	19.85	18.65	17.47	15.84	14.81	13.19	12.22	9.14	8.39	7.56
WISCONSIN ELECTRIC	18.09	16.08	15.07	16.82	14.89	14.59	14.55	12.53	10.81	10.33	7.98
WISCONSIN PUBLIC SERVICE	14.07	11.67	10.47	12.43	10.17	9.89	9.80	9.75	8.40	8.00	7.45
<u>COOPERATIVES</u>											
CLOVERLAND	15.26	13.46	12.56	12.74	11.67	12.85	11.58	10.92	9.05		
CLOVERLAND (EDISON SAULT LEGACY)	12.08	10.68	9.98	11.21	10.35	10.19	8.58	8.37	7.60	7.54	7.53
MIDWEST ENERGY	19.37	15.58	13.68	18.67	16.70	11.49	10.54	9.43	12.59		
THUMB	16.39	13.80	12.50	12.27	10.80	12.94	11.50	10.63	7.91		
<i>AVERAGE INVESTOR OWNED</i>	17.02	15.17	14.32	14.47	13.07	12.83	11.97	11.13	9.27	8.56	7.85
<i>AVERAGE COOPERATIVE</i>	15.77	13.38	12.18	13.72	12.38	11.87	10.55	9.84	9.29		
<i>AVERAGE ALL COMPANIES</i>	16.64	14.62	13.66	14.24	12.86	12.53	11.54	10.73	9.27	8.46	7.82

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
April 1, 2015**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.31	14.07	13.45	13.98	12.92	13.24	11.95	11.06	9.18	7.38	6.79
CONSUMERS ENERGY		16.13	14.54	13.74	14.95	13.28	13.61	12.47	11.79	9.21	8.04	7.16
DTE ELECTRIC		15.93	14.77	14.85	13.32	12.45	11.98	11.95	11.02	9.12	8.57	8.29
AEP (I&M) COMBINED		13.08	11.35	10.48	11.19	10.74	10.10	9.41	8.99	8.04	7.70	7.59
NORTHERN STATES POWER		14.76	13.01	12.14	12.64	11.56	12.46	11.30	10.60	10.38	10.30	10.29
UPPER PENINSULA POWER		25.43	23.03	21.83	19.27	17.64	16.61	14.99	14.02	10.94	10.19	9.36
UPPER PENINSULA POWER IRON RIVER		24.05	21.65	20.45	19.27	17.64	16.61	14.99	14.02	10.94	10.19	9.36
WISCONSIN ELECTRIC		17.96	16.01	15.04	16.74	14.88	14.59	14.54	12.51	10.80	10.33	7.98
WISCONSIN PUBLIC SERVICE		12.12	10.32	9.42	11.25	9.23	9.03	8.96	8.91	8.03	7.73	7.15
<u>COOPERATIVES</u>												
CLOVERLAND		15.26	13.46	12.56	12.74	11.67	12.85	11.58	10.92	9.05		
CLOVERLAND (EDISON SAULT LEGACY)		12.08	10.68	9.98	11.21	10.35	10.19	8.58	8.37	7.60	7.54	7.53
MIDWEST ENERGY		19.37	15.58	13.68	18.67	16.70	11.49	10.54	9.43	12.59		
THUMB		16.39	13.80	12.50	12.27	10.80	12.94	11.50	10.63	7.91		
<i>AVERAGE INVESTOR OWNED</i>		17.20	15.42	14.60	14.73	13.37	13.13	12.28	11.44	9.63	8.94	8.22
<i>AVERAGE COOPERATIVE</i>		15.77	13.38	12.18	13.72	12.38	11.87	10.55	9.84	9.29		
<i>AVERAGE ALL COMPANIES</i>		16.76	14.79	13.85	14.42	13.07	12.74	11.75	10.94	9.52	8.80	8.15

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
March 1, 2015**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.31	14.07	13.45	13.98	12.92	13.24	11.95	11.06	9.18	7.38	6.79
CONSUMERS ENERGY		16.12	14.52	13.73	14.93	13.26	13.60	12.46	11.77	9.20	8.03	7.15
DTE ELECTRIC		15.93	14.77	14.85	13.32	12.45	11.98	11.95	11.02	9.12	8.57	8.29
AEP (I&M) COMBINED		12.99	11.26	10.40	11.30	10.84	10.20	9.51	9.09	8.11	7.72	7.61
NORTHERN STATES POWER		14.16	12.43	11.57	11.75	10.75	11.67	10.54	9.87	9.98	9.90	9.89
UPPER PENINSULA POWER		25.43	23.03	21.83	19.27	17.64	16.61	14.99	14.02	10.94	10.19	9.36
UPPER PENINSULA POWER IRON RIVER		24.05	21.65	20.45	19.27	17.64	16.61	14.99	14.02	10.94	10.19	9.36
WISCONSIN ELECTRIC		18.09	16.08	15.07	16.82	14.89	14.59	14.55	12.53	10.81	10.33	7.98
WISCONSIN PUBLIC SERVICE		12.12	10.32	9.42	11.25	9.23	9.03	8.96	8.91	8.03	7.73	7.15
<u>COOPERATIVES</u>												
CLOVERLAND		15.26	13.46	12.56	12.74	11.67	12.85	11.58	10.92	9.05		
CLOVERLAND (EDISON SAULT LEGACY)		12.08	10.68	9.98	11.21	10.35	10.19	8.58	8.37	7.60	7.54	7.53
MIDWEST ENERGY		19.37	15.58	13.68	18.67	16.70	11.49	10.54	9.43	12.59		
THUMB		16.39	13.80	12.50	12.27	10.80	12.94	11.50	10.63	7.91		
<i>AVERAGE INVESTOR OWNED</i>		17.13	15.35	14.53	14.65	13.29	13.06	12.21	11.37	9.59	8.89	8.18
<i>AVERAGE COOPERATIVE</i>		15.77	13.38	12.18	13.72	12.38	11.87	10.55	9.84	9.29		
<i>AVERAGE ALL COMPANIES</i>		16.72	14.74	13.81	14.37	13.01	12.69	11.70	10.90	9.50	8.76	8.11

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
February 1, 2015**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.31	14.07	13.45	13.98	12.92	13.24	11.95	11.06	9.18	7.38	6.79
CONSUMERS ENERGY		16.15	14.56	13.76	14.97	13.30	13.63	12.49	11.81	9.24	8.07	7.18
DTE ELECTRIC		15.93	14.77	14.85	13.32	12.45	11.98	11.95	11.02	9.12	8.57	8.29
AEP (I&M) COMBINED		12.99	11.26	10.40	11.30	10.84	10.20	9.51	9.09	8.11	7.72	7.61
NORTHERN STATES POWER		14.16	12.43	11.57	11.75	10.75	11.67	10.54	9.87	9.98	9.90	9.89
UPPER PENINSULA POWER		26.25	23.85	22.65	20.09	18.46	17.43	15.81	14.84	11.77	11.01	10.19
UPPER PENINSULA POWER IRON RIVER		24.87	22.47	21.27	20.09	18.46	17.43	15.81	14.84	11.77	11.01	10.19
WISCONSIN ELECTRIC		18.71	16.39	15.23	17.99	15.13	14.64	14.58	12.50	10.82	10.33	7.98
WISCONSIN PUBLIC SERVICE		12.54	10.74	9.84	11.67	9.65	9.45	9.38	9.33	8.45	8.15	7.58
<u>COOPERATIVES</u>												
CLOVERLAND		15.26	13.46	12.56	12.74	11.67	12.85	11.58	10.92	9.05		
CLOVERLAND (EDISON SAULT LEGACY)		12.08	10.68	9.98	11.21	10.35	10.19	8.58	8.37	7.60	7.54	7.53
MIDWEST ENERGY		19.37	15.58	13.68	18.67	16.70	11.49	10.54	9.43	12.59		
THUMB		16.39	13.80	12.50	12.27	10.80	12.94	11.50	10.63	7.91		
<i>AVERAGE INVESTOR OWNED</i>		17.44	15.62	14.78	15.02	13.55	13.30	12.45	11.60	9.83	9.13	8.41
<i>AVERAGE COOPERATIVE</i>		15.77	13.38	12.18	13.72	12.38	11.87	10.55	9.84	9.29		
<i>AVERAGE ALL COMPANIES</i>		16.92	14.93	13.98	14.62	13.19	12.86	11.86	11.06	9.66	8.97	8.32

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
January 1, 2015**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.31	14.07	13.45	13.98	12.92	13.24	11.95	11.06	9.18	7.38	6.79
CONSUMERS ENERGY		16.37	14.77	13.98	15.18	13.52	13.85	12.71	12.02	9.45	8.28	7.40
DTE ELECTRIC		16.57	15.09	15.00	13.46	12.48	11.99	11.95	11.03	9.12	8.57	8.29
AEP (I&M) COMBINED		12.99	11.26	10.40	11.30	10.84	10.20	9.51	9.09	8.11	7.72	7.61
NORTHERN STATES POWER		14.16	12.43	11.57	11.75	10.75	11.67	10.54	9.87	9.98	9.90	9.89
UPPER PENINSULA POWER		26.23	23.83	22.63	19.66	18.03	17.00	15.38	14.41	11.34	11.09	10.27
UPPER PENINSULA POWER IRON RIVER		24.85	22.45	21.25	19.66	18.03	17.00	15.38	14.41	11.34	11.09	10.27
WISCONSIN ELECTRIC		19.36	16.79	15.50	18.52	15.35	14.81	14.75	12.72	11.00	10.48	8.13
WISCONSIN PUBLIC SERVICE		12.54	10.74	9.84	11.67	9.65	9.45	9.38	9.33	8.45	8.15	7.58
<u>COOPERATIVES</u>												
CLOVERLAND		15.26	13.46	12.56	12.74	11.67	12.85	11.58	10.92	9.05		
CLOVERLAND (EDISON SAULT LEGACY)		12.08	10.68	9.98	11.21	10.35	10.19	8.58	8.37	7.60	7.54	7.53
MIDWEST ENERGY		19.37	15.58	13.68	18.67	16.70	11.49	10.54	9.43	12.59		
THUMB		16.39	13.80	12.50	12.27	10.80	12.94	11.50	10.63	7.91		
<i>AVERAGE INVESTOR OWNED</i>		17.60	15.71	14.85	15.02	13.51	13.24	12.39	11.55	9.77	9.18	8.47
<i>AVERAGE COOPERATIVE</i>		15.77	13.38	12.18	13.72	12.38	11.87	10.55	9.84	9.29		
<i>AVERAGE ALL COMPANIES</i>		17.04	15.00	14.03	14.62	13.16	12.82	11.83	11.02	9.62	9.02	8.38

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
December 1, 2014**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.17	13.93	13.31	13.84	12.79	13.10	11.82	10.93	9.06	7.25	6.66
CONSUMERS ENERGY		16.78	15.19	14.39	15.60	13.93	14.26	13.12	12.44	9.86	8.70	7.81
DTE ELECTRIC		15.77	14.61	14.68	13.15	12.28	11.82	11.79	10.86	8.96	8.41	8.13
AEP (I&M) COMBINED		12.58	10.85	9.98	10.89	10.42	9.78	9.09	8.68	7.70	7.30	7.19
NORTHERN STATES POWER		14.51	12.78	11.91	12.09	11.10	12.01	10.89	10.21	10.32	10.24	10.24
UPPER PENINSULA POWER		25.16	22.76	21.56	19.87	18.24	17.01	15.39	14.42	10.85	10.61	9.79
UPPER PENINSULA POWER IRON RIVER		23.74	21.34	20.14	19.87	18.24	17.01	15.39	14.42	10.85	10.61	9.79
WISCONSIN ELECTRIC		17.63	15.06	13.78	16.79	13.63	13.09	13.03	11.00	9.28	8.76	6.41
WISCONSIN PUBLIC SERVICE		12.23	10.43	9.53	11.36	9.34	9.14	9.07	9.02	8.14	7.84	7.26
<u>COOPERATIVES</u>												
CLOVERLAND		15.34	13.54	12.64	13.20	12.13	12.95	11.68	10.92	9.30		
CLOVERLAND (EDISON SAULT LEGACY)		12.10	10.70	10.00	11.47	10.61	10.44	8.65	8.44	7.67	7.60	7.60
MIDWEST ENERGY		19.43	15.63	13.74	18.36	16.38	11.74	10.79	10.22	12.85		
THUMB		16.73	14.13	12.83	13.03	11.57	14.14	12.70	11.83	8.80		
<i>AVERAGE INVESTOR OWNED</i>		17.06	15.22	14.37	14.83	13.33	13.02	12.18	11.33	9.45	8.86	8.14
<i>AVERAGE COOPERATIVE</i>		15.90	13.50	12.30	14.01	12.67	12.32	10.95	10.35	9.65		
<i>AVERAGE ALL COMPANIES</i>		16.70	14.69	13.73	14.58	13.13	12.81	11.80	11.03	9.51	8.73	8.09

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
November 1, 2014**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.17	13.93	13.31	13.84	12.79	13.10	11.82	10.93	9.06	7.25	6.66
CONSUMERS ENERGY		16.84	15.24	14.45	15.64	13.97	14.30	13.16	12.48	9.92	8.75	7.86
DTE ELECTRIC		15.77	14.61	14.68	13.15	12.28	11.82	11.79	10.86	8.96	8.41	8.13
AEP (I&M) COMBINED		12.58	10.85	9.98	10.89	10.42	9.78	9.09	8.68	7.70	7.30	7.19
NORTHERN STATES POWER		14.51	12.78	11.91	12.09	11.10	12.01	10.89	10.21	10.32	10.24	10.24
UPPER PENINSULA POWER		25.16	22.76	21.56	19.87	18.24	17.01	15.39	14.42	10.85	10.61	9.79
UPPER PENINSULA POWER IRON RIVER		23.74	21.34	20.14	19.87	18.24	17.01	15.39	14.42	10.85	10.61	9.79
WISCONSIN ELECTRIC		17.47	14.98	13.74	16.67	13.60	13.08	13.02	10.98	9.27	8.75	6.41
WISCONSIN PUBLIC SERVICE		12.23	10.43	9.53	11.36	9.34	9.14	9.07	9.02	8.14	7.84	7.26
<u>COOPERATIVES</u>												
CLOVERLAND		15.75	13.95	13.05	13.60	12.53	13.36	12.09	11.33	9.71		
CLOVERLAND (EDISON SAULT LEGACY)		12.51	11.11	10.41	11.88	11.02	10.85	9.05	8.84	8.07	8.01	8.01
MIDWEST ENERGY		19.43	15.63	13.74	18.36	16.38	11.74	10.79	10.22	12.85		
THUMB		16.73	14.13	12.83	13.03	11.57	14.14	12.70	11.83	8.80		
<i>AVERAGE INVESTOR OWNED</i>		17.05	15.21	14.37	14.82	13.33	13.03	12.18	11.33	9.45	8.86	8.15
<i>AVERAGE COOPERATIVE</i>		16.10	13.70	12.51	14.22	12.87	12.52	11.16	10.56	9.86		
<i>AVERAGE ALL COMPANIES</i>		16.76	14.75	13.79	14.63	13.19	12.87	11.87	11.09	9.58	8.78	8.13

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
October 1, 2014**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.78	13.74	13.21	13.74	12.77	13.09	11.81	10.92	9.06	7.25	6.66
CONSUMERS ENERGY		16.83	15.24	14.44	15.62	13.96	14.29	13.15	12.47	9.91	8.74	7.86
DTE ELECTRIC		15.77	14.61	14.68	13.15	12.28	11.82	11.79	10.86	8.96	8.41	8.13
AEP (I&M) COMBINED		12.58	10.85	9.98	10.89	10.42	9.78	9.09	8.68	7.70	7.30	7.19
NORTHERN STATES POWER		14.51	12.78	11.91	12.09	11.10	12.01	10.89	10.21	10.32	10.24	10.24
UPPER PENINSULA POWER		25.16	22.76	21.56	19.87	18.24	17.01	15.39	14.42	10.85	10.61	9.79
UPPER PENINSULA POWER IRON RIVER		23.74	21.34	20.14	19.87	18.24	17.01	15.39	14.42	10.85	10.61	9.79
WISCONSIN ELECTRIC		17.63	15.06	13.78	16.79	13.63	13.09	13.03	11.00	9.28	8.76	6.41
WISCONSIN PUBLIC SERVICE		12.23	10.43	9.53	11.36	9.34	9.14	9.07	9.02	8.14	7.84	7.26
<u>COOPERATIVES</u>												
CLOVERLAND		15.75	13.95	13.05	13.60	12.53	13.36	12.09	11.33	9.71		
CLOVERLAND (EDISON SAULT LEGACY)		12.51	11.11	10.41	11.88	11.02	10.85	9.05	8.84	8.07	8.01	8.01
MIDWEST ENERGY		19.43	15.63	13.74	18.36	16.38	11.74	10.79	10.22	12.85		
THUMB		15.75	13.55	12.46	12.62	11.25	13.83	12.38	11.52	8.54		
<i>AVERAGE INVESTOR OWNED</i>		17.03	15.20	14.36	14.82	13.33	13.03	12.18	11.34	9.45	8.86	8.15
<i>AVERAGE COOPERATIVE</i>		15.86	13.56	12.41	14.11	12.80	12.44	11.08	10.48	9.79		
<i>AVERAGE ALL COMPANIES</i>		16.67	14.70	13.76	14.60	13.17	12.85	11.84	11.07	9.56	8.78	8.13

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
September 1, 2014**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.02	13.97	13.45	13.98	13.01	13.33	12.05	11.16	9.29	7.48	6.90
CONSUMERS ENERGY		16.84	15.24	15.85	16.53	14.87	16.13	14.76	13.93	11.92	10.75	9.87
DTE ELECTRIC		15.77	14.61	14.68	13.15	12.28	11.82	11.79	10.86	8.96	8.41	8.13
AEP (I&M) COMBINED		12.62	10.89	10.02	11.01	10.45	9.79	9.10	8.68	7.72	7.31	7.19
NORTHERN STATES POWER		14.56	12.83	11.96	12.19	11.12	12.03	10.90	10.23	10.33	10.25	10.24
UPPER PENINSULA POWER		25.16	22.76	21.56	19.87	18.24	17.01	15.39	14.42	10.85	10.61	9.79
UPPER PENINSULA POWER IRON RIVER		23.74	21.34	20.14	19.87	18.24	17.01	15.39	14.42	10.85	10.61	9.79
WISCONSIN ELECTRIC		17.47	14.98	13.74	16.67	13.60	13.08	13.02	10.98	9.27	8.75	6.41
WISCONSIN PUBLIC SERVICE		12.23	10.43	9.53	11.39	9.35	9.19	9.11	9.05	8.17	7.84	7.24
<u>COOPERATIVES</u>												
CLOVERLAND		15.75	13.95	13.05	13.60	12.53	13.36	12.09	11.33	9.71		
CLOVERLAND (EDISON SAULT LEGACY)		12.51	11.11	10.41	11.88	11.02	10.85	9.05	8.84	8.07	8.01	8.01
MIDWEST ENERGY		19.11	15.32	13.42	14.02	12.04	11.68	10.73	10.16	12.76		
THUMB		15.75	13.55	12.46	12.62	11.25	13.83	12.38	11.52	8.54		
<i>AVERAGE INVESTOR OWNED</i>		17.04	15.23	14.55	14.96	13.46	13.26	12.39	11.53	9.71	9.11	8.39
<i>AVERAGE COOPERATIVE</i>		15.78	13.48	12.33	13.03	11.71	12.43	11.06	10.46	9.77		
<i>AVERAGE ALL COMPANIES</i>		16.65	14.69	13.87	14.37	12.92	13.01	11.98	11.20	9.73	9.00	8.35

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
August 1, 2014**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.02	13.97	13.45	13.98	13.01	13.33	12.05	11.16	9.29	7.48	6.90
CONSUMERS ENERGY		16.85	15.25	15.85	16.53	14.87	16.13	14.76	13.93	11.92	10.75	9.87
DTE ELECTRIC		15.78	14.61	14.69	13.15	12.28	11.82	11.79	10.86	8.96	8.41	8.13
AEP (I&M) COMBINED		12.63	10.89	10.03	11.01	10.45	9.79	9.10	8.68	7.72	7.31	7.19
NORTHERN STATES POWER		14.56	12.83	11.96	12.19	11.12	12.03	10.90	10.23	10.33	10.25	10.24
UPPER PENINSULA POWER		24.93	22.53	21.33	19.63	18.00	16.77	15.16	14.19	10.62	10.37	9.55
UPPER PENINSULA POWER IRON RIVER		23.51	21.11	19.91	19.63	18.00	16.77	15.16	14.19	10.62	10.37	9.55
WISCONSIN ELECTRIC		17.63	15.06	13.78	16.79	13.63	13.09	13.03	11.00	9.28	8.76	6.41
WISCONSIN PUBLIC SERVICE		12.23	10.43	9.53	11.39	9.35	9.19	9.11	9.05	8.17	7.84	7.24
<u>COOPERATIVES</u>												
CLOVERLAND		15.54	13.74	12.84	13.40	12.33	13.15	11.88	11.12	9.50		
CLOVERLAND (EDISON SAULT LEGACY)		12.30	10.90	10.20	11.67	10.81	10.64	8.85	8.64	7.87	7.80	7.80
MIDWEST ENERGY		19.12	15.32	13.42	14.02	12.04	11.68	10.73	10.16	12.76		
THUMB		15.76	13.56	12.46	12.62	11.25	13.83	12.38	11.52	8.54		
<i>AVERAGE INVESTOR OWNED</i>		17.01	15.19	14.50	14.92	13.41	13.21	12.34	11.48	9.65	9.06	8.34
<i>AVERAGE COOPERATIVE</i>		15.68	13.38	12.23	12.93	11.61	12.33	10.96	10.36	9.67		
<i>AVERAGE ALL COMPANIES</i>		16.60	14.63	13.80	14.31	12.86	12.94	11.91	11.13	9.66	8.93	8.29

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
July 1, 2014**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.02	13.97	13.45	13.98	13.01	13.33	12.05	11.16	9.29	7.48	6.90
CONSUMERS ENERGY		16.92	15.32	15.92	16.62	14.95	16.20	14.83	14.00	11.87	10.68	9.78
DTE ELECTRIC		15.78	14.61	14.69	13.15	12.28	11.82	11.79	10.86	8.96	8.41	8.13
AEP (I&M) COMBINED		12.63	10.89	10.03	11.01	10.45	9.79	9.10	8.68	7.72	7.31	7.19
NORTHERN STATES POWER		14.40	12.75	11.92	12.19	11.12	12.08	10.95	10.28	10.15	10.07	10.06
UPPER PENINSULA POWER		25.04	22.64	21.44	19.71	18.12	16.88	15.27	14.30	10.75	10.50	9.68
UPPER PENINSULA POWER IRON RIVER		23.62	21.22	20.02	19.71	18.12	16.88	15.27	14.30	10.75	10.50	9.68
WISCONSIN ELECTRIC		17.63	15.06	13.78	16.79	13.63	13.09	13.03	11.00	9.28	8.76	6.41
WISCONSIN PUBLIC SERVICE		12.23	10.43	9.53	11.39	9.35	9.19	9.11	9.05	8.17	7.84	7.24
<u>COOPERATIVES</u>												
CLOVERLAND		15.54	13.74	12.84	13.40	12.33	13.15	11.88	11.12	9.50		
CLOVERLAND (EDISON SAULT LEGACY)		12.30	10.90	10.20	11.67	10.81	10.64	8.85	8.64	7.87	7.80	7.80
MIDWEST ENERGY		19.12	15.32	13.42	14.02	12.04	11.68	10.73	10.16	12.76		
THUMB		15.76	13.56	12.46	12.62	11.25	13.83	12.38	11.52	8.54		
<i>AVERAGE INVESTOR OWNED</i>		17.03	15.21	14.53	14.95	13.45	13.25	12.38	11.52	9.66	9.06	8.34
<i>AVERAGE COOPERATIVE</i>		15.68	13.38	12.23	12.93	11.61	12.33	10.96	10.36	9.67		
<i>AVERAGE ALL COMPANIES</i>		16.61	14.65	13.82	14.33	12.88	12.97	11.94	11.16	9.66	8.93	8.29

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
June 1, 2014**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.02	13.97	13.45	13.98	13.01	13.33	12.05	11.16	9.29	7.48	6.90
CONSUMERS ENERGY		16.63	14.93	15.48	16.21	14.53	15.73	14.35	13.54	11.52	10.31	9.41
DTE ELECTRIC		15.78	14.61	14.69	13.15	12.28	11.82	11.79	10.86	8.96	8.41	8.13
AEP (I&M) COMBINED		12.63	10.89	10.03	11.01	10.45	9.79	9.10	8.68	7.72	7.31	7.19
NORTHERN STATES POWER		14.40	12.75	11.92	12.19	11.12	12.08	10.95	10.28	10.15	10.07	10.06
UPPER PENINSULA POWER		25.15	22.75	21.55	19.82	18.23	16.99	15.38	14.41	10.85	10.61	9.79
UPPER PENINSULA POWER IRON RIVER		23.73	21.33	20.13	19.82	18.23	16.99	15.38	14.41	10.85	10.61	9.79
WISCONSIN ELECTRIC		18.82	16.25	14.97	17.99	14.82	14.28	14.22	12.19	10.47	9.95	7.60
WISCONSIN PUBLIC SERVICE		12.23	10.43	9.53	11.39	9.35	9.19	9.11	9.05	8.17	7.84	7.24
<u>COOPERATIVES</u>												
CLOVERLAND		15.75	13.95	13.05	13.60	12.53	13.36	12.09	11.33	9.71		
CLOVERLAND (EDISON SAULT LEGACY)		12.51	11.11	10.41	11.88	11.02	10.85	9.05	8.84	8.07	8.01	8.01
MIDWEST ENERGY		19.12	15.32	13.42	14.02	12.04	11.68	10.73	10.16	12.76		
THUMB		15.76	13.56	12.46	12.62	11.25	13.83	12.38	11.52	8.54		
<i>AVERAGE INVESTOR OWNED</i>		17.15	15.32	14.64	15.06	13.56	13.36	12.48	11.62	9.78	9.18	8.46
<i>AVERAGE COOPERATIVE</i>		15.78	13.48	12.33	13.03	11.71	12.43	11.06	10.46	9.77		
<i>AVERAGE ALL COMPANIES</i>		16.73	14.76	13.93	14.44	12.99	13.07	12.04	11.26	9.77	9.06	8.41

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
May 1, 2014**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.02	13.97	13.45	13.98	13.01	13.33	12.05	11.16	9.29	7.48	6.90
CONSUMERS ENERGY		16.63	14.93	14.08	15.32	13.63	13.91	12.76	12.08	9.51	8.31	7.41
DTE ELECTRIC		15.78	14.61	14.69	13.15	12.28	11.82	11.79	10.86	8.96	8.41	8.13
AEP (I&M) COMBINED		12.70	10.96	10.10	11.08	10.52	9.86	9.17	8.75	7.79	7.38	7.26
NORTHERN STATES POWER		14.40	12.75	11.92	12.19	11.12	12.08	10.95	10.28	10.15	10.07	10.06
UPPER PENINSULA POWER		25.15	22.75	21.55	19.82	18.23	16.99	15.38	14.41	10.85	10.61	9.79
UPPER PENINSULA POWER IRON RIVER		23.73	21.33	20.13	19.82	18.23	16.99	15.38	14.41	10.85	10.61	9.79
WISCONSIN ELECTRIC		18.82	16.25	14.97	17.99	14.82	14.28	14.22	12.19	10.47	9.95	7.60
WISCONSIN PUBLIC SERVICE		12.23	10.43	9.53	11.39	9.35	9.19	9.11	9.05	8.17	7.84	7.24
<u>COOPERATIVES</u>												
CLOVERLAND		15.75	13.95	13.05	13.60	12.53	13.36	12.09	11.33	9.71		
CLOVERLAND (EDISON SAULT LEGACY)		12.51	11.11	10.41	11.88	11.02	10.85	9.05	8.84	8.07	8.01	8.01
MIDWEST ENERGY		19.12	15.32	13.42	14.02	12.04	11.68	10.73	10.16	12.76		
THUMB		15.76	13.56	12.46	12.62	11.25	13.83	12.38	11.52	8.54		
<i>AVERAGE INVESTOR OWNED</i>		17.16	15.33	14.49	14.97	13.46	13.16	12.31	11.47	9.56	8.96	8.24
<i>AVERAGE COOPERATIVE</i>		15.78	13.48	12.33	13.03	11.71	12.43	11.06	10.46	9.77		
<i>AVERAGE ALL COMPANIES</i>		16.74	14.76	13.83	14.37	12.92	12.94	11.93	11.16	9.63	8.87	8.22

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
April 1, 2014**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.25	14.21	13.68	14.21	13.24	13.56	12.28	11.39	9.53	7.72	7.13
CONSUMERS ENERGY		16.63	14.93	14.08	15.31	13.63	13.91	12.76	12.08	9.51	8.31	7.41
DTE ELECTRIC		15.78	14.61	14.69	13.15	12.28	11.82	11.79	10.86	8.96	8.41	8.13
AEP (I&M) COMBINED		12.70	10.96	10.10	11.08	10.52	9.86	9.17	8.75	7.79	7.38	7.26
NORTHERN STATES POWER		14.40	12.75	11.92	12.19	11.12	12.08	10.95	10.28	10.15	10.07	10.06
UPPER PENINSULA POWER		25.15	22.75	21.55	19.82	18.23	16.99	15.38	14.41	10.85	10.61	9.79
UPPER PENINSULA POWER IRON RIVER		23.73	21.33	20.13	19.82	18.23	16.99	15.38	14.41	10.85	10.61	9.79
WISCONSIN ELECTRIC		19.71	17.14	15.85	18.87	15.70	15.16	15.10	13.07	11.35	10.83	8.48
WISCONSIN PUBLIC SERVICE		12.23	10.43	9.53	11.39	9.35	9.19	9.11	9.05	8.17	7.84	7.24
<u>COOPERATIVES</u>												
CLOVERLAND		15.54	13.74	12.84	13.40	12.33	13.15	11.88	11.12	9.50		
CLOVERLAND (EDISON SAULT LEGACY)		12.30	10.90	10.20	11.67	10.81	10.64	8.85	8.64	7.87	7.80	7.80
MIDWEST ENERGY		19.12	15.32	13.42	14.02	12.04	11.68	10.73	10.16	12.76		
THUMB		15.76	13.56	12.46	12.62	11.25	13.83	12.38	11.52	8.54		
<i>AVERAGE INVESTOR OWNED</i>		17.29	15.46	14.61	15.09	13.59	13.29	12.44	11.59	9.69	9.09	8.36
<i>AVERAGE COOPERATIVE</i>		15.68	13.38	12.23	12.93	11.61	12.33	10.96	10.36	9.67		
<i>AVERAGE ALL COMPANIES</i>		16.79	14.82	13.88	14.43	12.98	12.99	11.98	11.21	9.68	8.96	8.31

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
March 1, 2014**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i> <i>kWh</i>										
	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	15.25	14.21	13.68	14.21	13.24	13.56	12.28	11.39	9.53	7.72	7.13
CONSUMERS ENERGY	16.63	14.93	14.08	15.31	13.63	13.91	12.76	12.08	9.51	8.31	7.41
DTE ELECTRIC	15.78	14.61	14.69	13.15	12.28	11.82	11.79	10.86	8.96	8.41	8.13
AEP (I&M) COMBINED	12.61	10.88	10.01	11.20	10.62	9.96	9.26	8.85	7.86	7.40	7.28
NORTHERN STATES POWER	14.40	12.75	11.92	12.19	11.12	12.08	10.95	10.28	10.15	10.07	10.06
UPPER PENINSULA POWER	25.06	22.66	21.46	19.72	18.13	16.90	15.28	14.32	10.76	10.51	9.69
UPPER PENINSULA POWER IRON RIVER	23.63	21.23	20.03	19.72	18.13	16.90	15.28	14.32	10.76	10.51	9.69
WISCONSIN ELECTRIC	19.71	17.14	15.85	18.87	15.70	15.16	15.10	13.07	11.35	10.83	8.48
WISCONSIN PUBLIC SERVICE	12.14	10.34	9.44	11.30	9.26	9.10	9.02	8.96	8.08	7.75	7.15
<u>COOPERATIVES</u>											
CLOVERLAND	15.34	13.54	12.64	13.20	12.13	12.95	11.68	10.92	9.30		
CLOVERLAND (EDISON SAULT LEGACY)	12.10	10.70	10.00	11.47	10.61	10.44	8.65	8.44	7.67	7.60	7.60
MIDWEST ENERGY	19.12	15.32	13.42	14.02	12.04	11.68	10.73	10.16	12.76		
THUMB	15.76	13.56	12.46	12.62	11.25	13.83	12.38	11.52	8.54		
<i>AVERAGE INVESTOR OWNED</i>	17.24	15.41	14.57	15.08	13.57	13.27	12.41	11.57	9.66	9.06	8.34
<i>AVERAGE COOPERATIVE</i>	15.58	13.28	12.13	12.83	11.51	12.23	10.86	10.26	9.57		
<i>AVERAGE ALL COMPANIES</i>	16.73	14.76	13.82	14.38	12.93	12.95	11.94	11.17	9.63	8.91	8.26

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
February 1, 2014**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i> <i>kWh</i>										
	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	15.25	14.21	13.68	14.21	13.24	13.56	12.28	11.39	9.53	7.72	7.13
CONSUMERS ENERGY	16.53	14.83	13.98	15.21	13.53	13.81	12.66	11.98	9.42	8.21	7.31
DTE ELECTRIC	15.77	14.60	14.68	13.14	12.27	11.81	11.78	10.86	8.95	8.40	8.12
AEP (I&M) COMBINED	12.61	10.88	10.01	11.20	10.62	9.96	9.26	8.85	7.86	7.40	7.28
NORTHERN STATES POWER	14.40	12.75	11.92	12.19	11.12	12.08	10.95	10.28	10.15	10.07	10.06
UPPER PENINSULA POWER	25.15	22.75	21.55	19.82	18.23	16.99	15.38	14.41	10.85	10.61	9.79
UPPER PENINSULA POWER IRON RIVER	23.73	21.33	20.13	19.82	18.23	16.99	15.38	14.41	10.85	10.61	9.79
WISCONSIN ELECTRIC	19.71	17.14	15.85	18.87	15.70	15.16	15.10	13.07	11.35	10.83	8.48
WISCONSIN PUBLIC SERVICE	12.23	10.43	9.53	11.39	9.35	9.19	9.11	9.05	8.17	7.84	7.24
<u>COOPERATIVES</u>											
CLOVERLAND	15.34	13.54	12.64	13.20	12.13	12.95	11.68	10.92	9.30		
CLOVERLAND (EDISON SAULT LEGACY)	12.10	10.70	10.00	11.47	10.61	10.44	8.65	8.44	7.67	7.60	7.60
MIDWEST ENERGY	19.12	15.32	13.42	14.02	12.04	11.68	10.73	10.16	12.76		
THUMB	15.76	13.56	12.46	12.62	11.25	13.83	12.38	11.52	8.54		
<i>AVERAGE INVESTOR OWNED</i>	17.26	15.43	14.59	15.10	13.59	13.29	12.43	11.59	9.68	9.08	8.36
<i>AVERAGE COOPERATIVE</i>	15.58	13.28	12.13	12.83	11.51	12.23	10.86	10.26	9.57		
<i>AVERAGE ALL COMPANIES</i>	16.75	14.77	13.84	14.40	12.95	12.96	11.95	11.18	9.65	8.93	8.28

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
January 1, 2014**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i> <i>kWh</i>										
	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	15.25	14.21	13.68	14.21	13.24	13.56	12.28	11.39	9.53	7.72	7.13
CONSUMERS ENERGY	16.53	14.83	13.97	15.21	13.53	13.81	12.66	11.98	9.41	8.21	7.31
DTE ELECTRIC	15.77	14.60	14.68	13.14	12.27	11.81	11.78	10.86	8.95	8.40	8.12
AEP (I&M) COMBINED	12.61	10.88	10.01	11.20	10.62	9.96	9.26	8.85	7.86	7.40	7.28
NORTHERN STATES POWER	14.40	12.75	11.92	12.19	11.12	12.08	10.95	10.28	10.15	10.07	10.06
UPPER PENINSULA POWER	25.15	22.75	21.55	19.82	18.23	16.99	15.38	14.41	10.85	10.61	9.79
UPPER PENINSULA POWER IRON RIVER	23.73	21.33	20.13	19.82	18.23	16.99	15.38	14.41	10.85	10.61	9.79
WISCONSIN ELECTRIC	19.77	17.20	15.92	18.94	15.77	15.23	15.17	13.14	11.42	10.90	8.55
WISCONSIN PUBLIC SERVICE	12.23	10.43	9.53	11.39	9.35	9.19	9.11	9.05	8.17	7.84	7.24
<u>COOPERATIVES</u>											
CLOVERLAND	15.34	13.54	12.64	13.20	12.13	12.95	11.68	10.92	9.30		
CLOVERLAND (EDISON SAULT LEGACY)	12.10	10.70	10.00	11.47	10.61	10.44	8.65	8.44	7.67	7.60	7.60
MIDWEST ENERGY	19.12	15.32	13.42	14.02	12.04	11.68	10.73	10.16	12.76		
THUMB	15.76	13.56	12.46	12.62	11.25	13.83	12.38	11.52	8.54		
<i>AVERAGE INVESTOR OWNED</i>	17.27	15.44	14.60	15.10	13.59	13.29	12.44	11.60	9.69	9.08	8.36
<i>AVERAGE COOPERATIVE</i>	15.58	13.28	12.13	12.83	11.51	12.23	10.86	10.26	9.57		
<i>AVERAGE ALL COMPANIES</i>	16.75	14.78	13.84	14.40	12.95	12.96	11.96	11.19	9.65	8.94	8.29

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
December 1, 2013**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.64	14.59	14.07	14.60	13.62	13.93	12.66	11.77	9.90	8.09	7.50
CONSUMERS ENERGY		16.34	14.64	13.79	15.03	13.35	13.62	12.48	11.80	9.27	8.04	7.14
DTE ELECTRIC		17.40	15.72	15.54	14.71	13.10	12.44	12.39	11.46	9.49	8.90	8.62
AEP (I&M) COMBINED		12.75	11.08	10.25	11.36	11.31	10.36	9.64	9.21	8.17	7.71	7.59
NORTHERN STATES POWER		13.17	11.52	10.69	10.96	9.89	10.85	9.72	9.04	8.92	8.84	8.83
UPPER PENINSULA POWER		23.00	20.80	19.70	18.74	17.19	16.12	14.52	13.56	9.87	9.75	8.90
UPPER PENINSULA POWER IRON RIVER		21.53	19.33	18.23	18.68	17.12	16.57	14.97	14.01	9.87	9.75	8.90
WISCONSIN ELECTRIC		19.32	16.83	15.59	18.37	15.44	14.95	14.89	12.81	11.11	10.63	8.28
WISCONSIN PUBLIC SERVICE		11.59	9.79	8.89	10.74	8.72	8.54	8.46	8.41	7.55	7.22	6.62
<u>COOPERATIVES</u>												
CLOVERLAND		13.29	11.49	10.59	11.41	10.34	10.45	9.56	9.04	7.06		
CLOVERLAND (EDISON SAULT LEGACY)		10.87	10.19	9.85	11.69	10.83	10.66	11.23	10.62	9.59	9.53	9.52
MIDWEST ENERGY		19.27	15.47	13.57	14.17	12.19	11.84	10.88	10.31	12.91		
THUMB		15.64	13.44	12.34	12.50	11.13	13.71	12.26	11.40	8.42		
<i>AVERAGE INVESTOR OWNED</i>		16.75	14.92	14.08	14.80	13.30	13.04	12.19	11.34	9.35	8.77	8.04
<i>AVERAGE COOPERATIVE</i>		14.77	12.65	11.59	12.44	11.12	11.66	10.99	10.34	9.49		
<i>AVERAGE ALL COMPANIES</i>		16.14	14.22	13.32	14.07	12.63	12.62	11.82	11.03	9.39	8.85	8.19

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
November 1, 2013**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i> <i>kWh</i>										
	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	15.64	14.59	14.07	14.60	13.62	13.93	12.66	11.77	9.90	8.09	7.50
CONSUMERS ENERGY	16.47	14.77	13.92	15.16	13.48	13.75	12.61	11.93	9.40	8.17	7.28
DTE ELECTRIC	17.40	15.72	15.54	14.71	13.10	12.44	12.39	11.46	9.49	8.90	8.62
AEP (I&M) COMBINED	12.75	11.08	10.25	11.36	11.31	10.36	9.64	9.21	8.17	7.71	7.59
NORTHERN STATES POWER	13.17	11.52	10.69	10.96	9.89	10.85	9.72	9.04	8.92	8.84	8.83
UPPER PENINSULA POWER	23.00	20.80	19.70	18.74	17.19	16.12	14.52	13.56	9.87	9.75	8.90
UPPER PENINSULA POWER IRON RIVER	21.53	19.33	18.23	18.68	17.12	16.57	14.97	14.01	9.87	9.75	8.90
WISCONSIN ELECTRIC	19.32	16.83	15.59	18.37	15.44	14.95	14.89	12.81	11.00	10.52	8.17
WISCONSIN PUBLIC SERVICE	11.63	9.83	8.93	10.78	8.76	8.58	8.50	8.45	7.59	7.26	6.66
<u>COOPERATIVES</u>											
CLOVERLAND	13.29	11.49	10.59	11.41	10.34	10.45	9.56	9.04	7.06		
CLOVERLAND (EDISON SAULT LEGACY)	8.87	8.19	7.85	9.69	8.83	8.66	9.23	8.62	7.59	7.53	7.52
MIDWEST ENERGY	19.27	15.47	13.57	14.17	12.19	11.84	10.88	10.31	12.91		
THUMB	15.36	13.36	12.36	12.64	11.40	14.28	12.76	11.84	8.68		
<i>AVERAGE INVESTOR OWNED</i>	16.77	14.94	14.10	14.82	13.32	13.06	12.21	11.36	9.36	8.78	8.05
<i>AVERAGE COOPERATIVE</i>	14.20	12.13	11.09	11.98	10.69	11.31	10.61	9.95	9.06		
<i>AVERAGE ALL COMPANIES</i>	15.98	14.08	13.18	13.94	12.51	12.52	11.72	10.93	9.27	8.65	8.00

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
October 1, 2013**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.64	14.59	14.07	14.60	13.62	13.93	12.66	11.77	9.90	8.09	7.50
CONSUMERS ENERGY		16.52	14.82	13.97	15.46	13.77	14.02	12.88	12.20	9.64	8.41	7.51
DTE ELECTRIC		17.64	15.84	15.60	14.92	13.15	12.45	12.40	11.46	9.49	8.90	8.62
AEP (I&M) COMBINED		12.75	11.08	10.25	11.36	11.31	10.36	9.64	9.21	8.17	7.71	7.59
NORTHERN STATES POWER		13.17	11.52	10.69	10.96	9.89	10.85	9.72	9.04	8.92	8.84	8.83
UPPER PENINSULA POWER		22.87	20.67	19.57	18.61	17.05	15.98	14.39	13.43	9.74	9.62	8.77
UPPER PENINSULA POWER IRON RIVER		21.40	19.20	18.10	18.54	16.99	16.43	14.84	13.88	9.74	9.62	8.77
WISCONSIN ELECTRIC		19.48	16.91	15.63	18.49	15.47	14.96	14.90	12.84	11.01	10.52	8.17
WISCONSIN PUBLIC SERVICE		11.72	9.92	9.02	10.87	8.85	8.67	8.59	8.55	7.68	7.35	6.75
<u>COOPERATIVES</u>												
CLOVERLAND		13.29	11.49	10.59	11.41	10.34	10.45	9.56	9.04	7.06		
CLOVERLAND (EDISON SAULT LEGACY)		8.87	8.19	7.85	9.69	8.83	8.66	9.23	8.62	7.59	7.53	7.52
MIDWEST ENERGY		19.27	15.47	13.57	14.17	12.19	11.84	10.88	10.31	12.91		
THUMB		15.36	13.36	12.36	12.64	11.40	14.28	12.76	11.84	8.68		
<i>AVERAGE INVESTOR OWNED</i>		16.80	14.95	14.10	14.87	13.34	13.07	12.22	11.38	9.36	8.78	8.06
<i>AVERAGE COOPERATIVE</i>		14.20	12.13	11.09	11.98	10.69	11.31	10.61	9.95	9.06		
<i>AVERAGE ALL COMPANIES</i>		16.00	14.08	13.17	13.98	12.53	12.53	11.73	10.94	9.27	8.66	8.00

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
September 1, 2013**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.64	14.59	14.07	14.60	13.62	13.93	12.66	11.77	9.90	8.09	7.50
CONSUMERS ENERGY		16.47	14.77	15.32	16.06	14.38	15.58	14.20	13.39	11.40	10.18	9.28
DTE ELECTRIC		17.24	15.56	15.38	14.91	13.30	12.64	12.59	11.70	9.64	9.05	8.77
AEP (I&M) COMBINED		12.75	11.08	10.25	11.36	11.31	10.36	9.64	9.21	8.17	7.71	7.59
NORTHERN STATES POWER		13.17	11.52	10.69	10.96	9.89	10.85	9.72	9.04	8.92	8.84	8.83
UPPER PENINSULA POWER		22.11	19.91	18.81	18.23	16.68	15.61	14.01	13.05	9.36	8.80	7.95
UPPER PENINSULA POWER IRON RIVER		20.64	18.44	17.34	18.17	16.61	16.06	14.46	13.50	9.36	8.80	7.95
WISCONSIN ELECTRIC		19.32	16.83	15.59	18.37	15.44	14.95	14.89	12.81	11.00	10.52	8.17
WISCONSIN PUBLIC SERVICE		12.02	10.22	9.32	11.17	9.15	8.97	8.89	8.85	7.98	7.65	7.05
<u>COOPERATIVES</u>												
CLOVERLAND		14.29	12.49	11.59	12.41	11.34	11.45	10.56	10.04	8.06		
CLOVERLAND (EDISON SAULT LEGACY)		9.87	9.19	8.85	10.69	9.83	9.66	10.23	9.62	8.59	8.53	8.52
MIDWEST ENERGY		19.27	15.47	13.57	14.17	12.19	11.84	10.88	10.31	12.91		
THUMB		15.36	13.36	12.36	12.64	11.40	14.28	12.76	11.84	8.68		
<i>AVERAGE INVESTOR OWNED</i>		16.59	14.77	14.08	14.87	13.38	13.22	12.34	11.48	9.53	8.85	8.12
<i>AVERAGE COOPERATIVE</i>		14.70	12.63	11.59	12.48	11.19	11.81	11.11	10.45	9.56		
<i>AVERAGE ALL COMPANIES</i>		16.01	14.11	13.32	14.13	12.70	12.78	11.96	11.16	9.54	8.82	8.16

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
August 1, 2013**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.64	14.59	14.07	14.60	13.62	13.93	12.66	11.77	9.90	8.09	7.50
CONSUMERS ENERGY		16.07	14.57	15.22	15.96	14.36	15.57	14.20	13.39	11.40	10.18	9.28
DTE ELECTRIC		16.76	15.32	15.26	14.80	13.28	12.64	12.59	11.70	9.64	9.05	8.77
AEP (I&M) COMBINED		12.35	10.89	10.15	11.26	11.29	10.35	9.64	9.21	8.17	7.71	7.59
NORTHERN STATES POWER		13.17	11.52	10.69	10.96	9.89	10.85	9.72	9.04	8.92	8.84	8.83
UPPER PENINSULA POWER		22.33	20.13	19.03	18.58	17.02	15.96	14.36	13.40	9.71	9.06	8.21
UPPER PENINSULA POWER IRON RIVER		20.64	18.44	17.34	18.17	16.61	16.06	14.46	13.50	9.36	8.80	7.95
WISCONSIN ELECTRIC		19.48	16.91	15.63	18.49	15.47	14.96	14.90	12.84	11.12	10.63	8.28
WISCONSIN PUBLIC SERVICE		12.15	10.35	9.45	11.29	9.28	9.07	9.00	8.96	8.15	7.78	7.17
<u>COOPERATIVES</u>												
CLOVERLAND		15.29	13.49	12.59	13.41	12.34	12.45	11.56	11.04	9.06		
CLOVERLAND (EDISON SAULT LEGACY)		10.87	10.19	9.85	11.69	10.83	10.66	11.23	10.62	9.59	9.53	9.52
MIDWEST ENERGY		18.87	15.27	13.47	14.07	12.17	11.84	10.88	10.31	12.91		
THUMB		14.96	13.16	12.26	12.54	11.38	14.28	12.76	11.84	8.68		
<i>AVERAGE INVESTOR OWNED</i>		16.51	14.75	14.09	14.90	13.42	13.27	12.39	11.53	9.60	8.90	8.18
<i>AVERAGE COOPERATIVE</i>		15.00	13.03	12.04	12.93	11.68	12.31	11.61	10.95	10.06		
<i>AVERAGE ALL COMPANIES</i>		16.04	14.22	13.46	14.29	12.89	12.97	12.15	11.35	9.74	8.97	8.31

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
July 1, 2013**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.64	14.59	14.07	14.60	13.62	13.93	12.66	11.77	9.90	8.09	7.50
CONSUMERS ENERGY		16.07	14.57	15.22	15.96	14.36	15.57	14.20	13.39	11.40	10.18	9.28
DTE ELECTRIC		16.84	15.36	15.28	14.81	13.29	12.64	12.59	11.70	9.64	9.05	8.77
AEP (I&M) COMBINED		12.35	10.89	10.15	11.26	11.29	10.35	9.64	9.21	8.17	7.71	7.59
NORTHERN STATES POWER		12.91	11.36	10.59	10.87	9.87	10.83	9.71	9.04	8.74	8.66	8.65
UPPER PENINSULA POWER		22.27	20.07	18.97	18.52	17.01	15.92	14.33	13.38	9.73	9.06	8.21
UPPER PENINSULA POWER IRON RIVER		20.58	18.38	17.28	18.11	16.60	16.02	14.44	13.48	9.38	8.80	7.95
WISCONSIN ELECTRIC		19.48	16.91	15.63	18.49	15.47	14.96	14.90	12.84	11.12	10.63	8.28
WISCONSIN PUBLIC SERVICE		12.22	10.42	9.52	11.36	9.35	9.14	9.07	9.03	8.22	7.85	7.24
<u>COOPERATIVES</u>												
CLOVERLAND		15.29	13.49	12.59	13.41	12.34	12.45	11.56	11.04	9.06		
CLOVERLAND (EDISON SAULT LEGACY)		10.87	10.19	9.85	11.69	10.83	10.66	11.23	10.62	9.59	9.53	9.52
MIDWEST ENERGY		18.87	15.27	13.47	14.07	12.17	11.84	10.88	10.31	12.91		
THUMB		14.96	13.16	12.26	12.54	11.38	14.28	12.76	11.84	8.68		
<i>AVERAGE INVESTOR OWNED</i>		16.49	14.73	14.08	14.89	13.43	13.26	12.39	11.54	9.59	8.89	8.16
<i>AVERAGE COOPERATIVE</i>		15.00	13.03	12.04	12.93	11.68	12.31	11.61	10.95	10.06		
<i>AVERAGE ALL COMPANIES</i>		16.03	14.20	13.45	14.28	12.89	12.97	12.15	11.36	9.73	8.96	8.30

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
June 1, 2013**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.64	14.59	14.07	14.60	13.62	13.93	12.66	11.77	9.90	8.09	7.50
CONSUMERS ENERGY		15.94	14.43	15.08	15.80	14.20	15.57	14.20	13.39	11.40	10.18	9.28
DTE ELECTRIC		17.84	16.36	16.27	15.17	13.65	13.00	12.95	12.06	10.00	9.41	9.13
AEP (I&M) COMBINED		12.47	11.01	10.27	11.38	11.41	10.47	9.76	9.33	8.29	7.83	7.71
NORTHERN STATES POWER		12.91	11.36	10.59	10.87	9.87	10.83	9.71	9.04	8.74	8.66	8.65
UPPER PENINSULA POWER		22.85	20.65	19.55	19.10	17.60	16.50	14.92	13.96	10.31	9.64	8.79
UPPER PENINSULA POWER IRON RIVER		21.16	18.96	17.86	18.69	17.18	16.61	15.02	14.06	9.96	9.38	8.53
WISCONSIN ELECTRIC		19.32	16.83	15.59	18.37	15.44	14.95	14.89	12.81	11.11	10.63	8.28
WISCONSIN PUBLIC SERVICE		12.22	10.42	9.52	11.36	9.35	9.14	9.07	9.03	8.22	7.85	7.24
<u>COOPERATIVES</u>												
CLOVERLAND		15.29	13.49	12.59	13.41	12.34	12.45	11.56	11.04	9.06		
CLOVERLAND (EDISON SAULT LEGACY)		10.87	10.19	9.85	11.69	10.83	10.66	11.23	10.62	9.59	9.53	9.52
MIDWEST ENERGY		18.87	15.27	13.47	14.07	12.17	11.84	10.88	10.31	12.91		
THUMB		14.96	13.16	12.26	12.54	11.38	14.28	12.76	11.84	8.68		
AVERAGE INVESTOR OWNED		16.70	14.96	14.31	15.04	13.59	13.45	12.57	11.72	9.77	9.07	8.35
AVERAGE COOPERATIVE		15.00	13.03	12.04	12.93	11.68	12.31	11.61	10.95	10.06		
AVERAGE ALL COMPANIES		16.18	14.36	13.61	14.39	13.00	13.09	12.28	11.48	9.86	9.12	8.46

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
May 1, 2013**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.64	14.59	14.07	14.60	13.62	13.93	12.66	11.77	9.90	8.09	7.50
CONSUMERS ENERGY		15.60	14.10	13.34	14.40	12.79	12.80	11.78	11.18	9.93	9.08	8.24
DTE ELECTRIC		17.59	16.11	16.03	15.02	13.50	12.85	12.80	11.91	9.85	9.26	8.98
AEP (I&M) COMBINED		12.47	11.01	10.27	11.38	11.41	10.47	9.76	9.33	8.29	7.83	7.71
NORTHERN STATES POWER		12.91	11.36	10.59	10.87	9.87	10.83	9.71	9.04	8.74	8.66	8.65
UPPER PENINSULA POWER		23.07	20.87	19.77	19.32	17.82	16.72	15.14	14.18	10.53	9.86	9.01
UPPER PENINSULA POWER IRON RIVER		21.38	19.18	18.08	18.91	17.40	16.83	15.24	14.28	10.18	9.60	8.75
WISCONSIN ELECTRIC		19.48	16.91	15.63	18.49	15.47	14.96	14.90	12.84	11.12	10.63	8.28
WISCONSIN PUBLIC SERVICE		12.22	10.42	9.52	11.36	9.35	9.14	9.07	9.03	8.22	7.85	7.24
<u>COOPERATIVES</u>												
CLOVERLAND		15.29	13.49	12.59	13.41	12.34	12.45	11.56	11.04	9.06		
CLOVERLAND (EDISON SAULT LEGACY)		10.37	9.69	9.35	11.19	10.33	10.16	10.73	10.12	9.09	9.03	9.02
MIDWEST ENERGY		18.87	15.27	13.47	14.07	12.17	11.84	10.88	10.31	12.91		
THUMB		14.96	13.16	12.26	12.54	11.38	14.28	12.76	11.84	8.68		
<i>AVERAGE INVESTOR OWNED</i>		16.71	14.95	14.14	14.93	13.47	13.17	12.34	11.51	9.64	8.99	8.26
<i>AVERAGE COOPERATIVE</i>		14.87	12.90	11.92	12.80	11.55	12.18	11.48	10.83	9.93		
<i>AVERAGE ALL COMPANIES</i>		16.14	14.32	13.46	14.27	12.88	12.87	12.08	11.30	9.73	8.99	8.34

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
April 1, 2013**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i> <i>kWh</i>										
	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	15.64	14.59	14.07	14.60	13.62	13.93	12.66	11.77	9.90	8.09	7.50
CONSUMERS ENERGY	15.57	14.06	13.31	14.48	12.76	12.77	11.75	11.15	9.89	9.05	8.21
DTE ELECTRIC	16.73	15.48	15.51	14.65	13.22	12.59	12.54	11.65	9.67	9.09	8.81
AEP (I&M) COMBINED	12.47	11.01	10.27	11.38	11.41	10.47	9.76	9.33	8.29	7.83	7.71
NORTHERN STATES POWER	12.91	11.36	10.59	10.87	9.87	10.83	9.71	9.04	8.74	8.66	8.65
UPPER PENINSULA POWER	23.05	20.85	19.75	19.30	17.79	16.70	15.11	14.16	10.51	9.84	8.98
UPPER PENINSULA POWER IRON RIVER	21.36	19.16	18.06	18.89	17.38	16.80	15.21	14.26	10.16	9.58	8.72
WISCONSIN ELECTRIC	19.32	16.83	15.59	18.37	15.44	14.95	14.89	12.81	11.11	10.63	8.28
WISCONSIN PUBLIC SERVICE	12.68	10.88	9.98	11.83	9.81	9.61	9.54	9.49	8.68	8.32	7.70
<u>COOPERATIVES</u>											
CLOVERLAND	15.29	13.49	12.59	13.41	12.34	12.45	11.56	11.04	9.06		
CLOVERLAND (EDISON SAULT LEGACY)	10.37	9.69	9.35	11.19	10.33	10.16	10.73	10.12	9.09	9.03	9.02
MIDWEST ENERGY	18.87	15.27	13.47	14.07	12.17	11.84	10.88	10.31	12.91		
THUMB	14.96	13.16	12.26	12.54	11.38	14.28	12.76	11.84	8.68		
<i>AVERAGE INVESTOR OWNED</i>	16.64	14.91	14.12	14.93	13.48	13.18	12.35	11.52	9.66	9.01	8.29
<i>AVERAGE COOPERATIVE</i>	14.87	12.90	11.92	12.80	11.55	12.18	11.48	10.83	9.93		
<i>AVERAGE ALL COMPANIES</i>	16.09	14.29	13.45	14.27	12.88	12.87	12.08	11.30	9.74	9.01	8.36

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
March 1, 2013**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.64	14.59	14.07	14.60	13.62	13.93	12.66	11.77	9.90	8.09	7.50
CONSUMERS ENERGY		15.20	13.69	12.94	14.40	12.39	12.47	11.45	10.85	9.66	8.81	7.97
DTE ELECTRIC		16.84	15.36	15.28	14.81	13.29	12.64	12.59	11.70	9.64	9.05	8.77
AEP (I&M) COMBINED		12.38	10.92	10.19	11.49	11.50	10.57	9.86	9.43	8.36	7.84	7.73
NORTHERN STATES POWER		12.91	11.36	10.59	10.87	9.87	10.83	9.71	9.04	8.74	8.66	8.65
UPPER PENINSULA POWER		23.07	20.87	19.77	19.32	17.81	16.72	15.13	14.18	10.53	9.86	9.00
UPPER PENINSULA POWER IRON RIVER		21.38	19.18	18.08	18.91	17.40	16.82	15.23	14.28	10.18	9.60	8.74
WISCONSIN ELECTRIC		19.48	16.91	15.63	18.49	15.47	14.96	14.90	12.84	11.12	10.63	8.28
WISCONSIN PUBLIC SERVICE		12.68	10.88	9.98	11.83	9.81	9.61	9.54	9.49	8.68	8.32	7.70
<u>COOPERATIVES</u>												
CLOVERLAND		15.29	13.49	12.59	13.41	12.34	12.45	11.56	11.04	9.06		
CLOVERLAND (EDISON SAULT LEGACY)		9.87	9.19	8.85	10.69	9.83	9.66	10.23	9.62	8.59	8.53	8.52
MIDWEST ENERGY		18.87	15.27	13.47	14.07	12.17	11.84	10.88	10.31	12.91		
THUMB		14.96	13.16	12.26	12.54	11.38	14.28	12.76	11.84	8.68		
<i>AVERAGE INVESTOR OWNED</i>		16.62	14.86	14.06	14.97	13.46	13.17	12.34	11.51	9.64	8.98	8.26
<i>AVERAGE COOPERATIVE</i>		14.75	12.78	11.79	12.68	11.43	12.06	11.36	10.70	9.81		
<i>AVERAGE ALL COMPANIES</i>		16.04	14.22	13.36	14.26	12.84	12.83	12.04	11.26	9.70	8.94	8.29

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
February 1, 2013**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.64	14.59	14.07	14.60	13.62	13.93	12.66	11.77	9.90	8.09	7.50
CONSUMERS ENERGY		15.20	13.69	12.94	14.40	12.39	12.47	11.45	10.85	9.66	8.81	7.97
DETROIT EDISON		16.55	15.06	14.98	14.55	13.03	12.38	12.33	11.44	9.45	8.87	8.58
EDISON SAULT ELECTRIC		11.39	10.71	10.37	12.21	11.35	11.18	11.75	11.14	10.11	10.05	10.04
AEP (I&M) COMBINED		12.38	10.92	10.19	11.49	11.50	10.57	9.86	9.43	8.36	7.84	7.73
NORTHERN STATES POWER		12.91	11.36	10.59	10.87	9.87	10.83	9.71	9.04	8.74	8.66	8.65
UPPER PENINSULA POWER		23.19	20.99	19.89	19.44	17.93	16.84	15.25	14.30	10.65	9.98	9.12
UPPER PENINSULA POWER IRON RIVER		21.50	19.30	18.20	19.03	17.52	16.94	15.35	14.40	10.30	9.72	8.87
WISCONSIN ELECTRIC		19.06	16.74	15.58	18.20	15.47	15.01	14.95	12.84	11.16	10.70	8.35
WISCONSIN PUBLIC SERVICE		12.69	10.89	9.99	11.84	9.82	9.62	9.54	9.50	8.69	8.33	7.71
<u>COOPERATIVES</u>												
CLOVERLAND		16.23	14.43	13.53	14.35	13.28	13.38	12.50	11.98	10.00		
MIDWEST ENERGY		18.87	15.27	13.47	14.07	12.17	11.84	10.88	10.31	12.91		
THUMB		14.96	13.16	12.26	12.54	11.38	14.28	12.76	11.84	8.68		
AVERAGE INVESTOR OWNED		16.05	14.43	13.68	14.66	13.25	12.98	12.29	11.47	9.70	9.10	8.45
AVERAGE COOPERATIVE		16.69	14.29	13.09	13.65	12.27	13.17	12.05	11.38	10.53		
AVERAGE ALL COMPANIES		16.20	14.39	13.54	14.43	13.02	13.02	12.23	11.45	9.89	9.10	8.45

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
January 1, 2013**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.64	14.59	14.07	14.60	13.62	13.93	12.66	11.77	9.90	8.09	7.50
CONSUMERS ENERGY		15.20	13.69	12.94	14.40	12.39	12.47	11.45	10.85	9.66	8.81	7.97
DETROIT EDISON		16.55	15.06	14.98	14.55	13.03	12.38	12.33	11.44	9.45	8.87	8.58
EDISON SAULT ELECTRIC		9.87	9.19	8.85	10.69	9.83	9.66	10.23	9.62	8.59	8.53	8.52
AEP (I&M) COMBINED		12.38	10.92	10.19	11.49	11.50	10.57	9.86	9.43	8.36	7.84	7.73
NORTHERN STATES POWER		12.91	11.36	10.59	10.87	9.87	10.83	9.71	9.04	8.74	8.66	8.65
UPPER PENINSULA POWER		23.19	20.99	19.89	19.44	17.93	16.84	15.25	14.30	10.65	9.98	9.12
UPPER PENINSULA POWER IRON RIVER		21.50	19.30	18.20	19.03	17.52	16.94	15.35	14.40	10.30	9.72	8.87
WISCONSIN ELECTRIC		19.56	16.99	15.70	18.56	15.54	15.03	14.97	12.91	11.19	10.70	8.36
WISCONSIN PUBLIC SERVICE		12.69	10.89	9.99	11.84	9.82	9.62	9.54	9.50	8.69	8.33	7.71
<u>COOPERATIVES</u>												
CLOVERLAND		15.29	13.49	12.59	13.41	12.34	12.45	11.56	11.04	9.06		
MIDWEST ENERGY		18.87	15.27	13.47	14.07	12.17	11.84	10.88	10.31	12.91		
THUMB		14.96	13.16	12.26	12.54	11.38	14.28	12.76	11.84	8.68		
AVERAGE INVESTOR OWNED		15.95	14.30	13.54	14.55	13.10	12.83	12.14	11.32	9.55	8.95	8.30
AVERAGE COOPERATIVE		16.37	13.97	12.77	13.34	11.96	12.85	11.74	11.06	10.22		
AVERAGE ALL COMPANIES		16.05	14.22	13.36	14.27	12.84	12.83	12.04	11.26	9.71	8.95	8.30

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
December 1, 2012**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.50	13.46	12.93	13.47	12.49	12.81	11.53	10.64	8.77	6.96	6.38
CONSUMERS ENERGY		15.07	13.57	12.82	14.36	12.35	12.29	11.27	10.67	9.48	8.64	7.79
DETROIT EDISON		16.82	15.33	15.25	14.64	13.14	12.58	12.54	11.65	9.56	8.98	8.70
EDISON SAULT ELECTRIC		9.87	9.19	8.85	10.69	9.83	9.66	10.23	9.62	8.59	8.53	8.52
AEP (I&M) COMBINED		12.37	10.91	10.18	10.83	11.04	10.14	9.43	9.00	7.94	7.42	7.31
NORTHERN STATES POWER		12.83	11.28	10.51	10.78	9.79	10.75	9.63	8.95	8.65	8.57	8.57
UPPER PENINSULA POWER		22.26	20.06	18.96	19.68	18.17	16.87	15.28	14.33	10.35	9.68	8.83
UPPER PENINSULA POWER IRON RIVER		21.02	18.82	17.72	18.15	16.64	16.52	14.94	13.98	10.01	9.43	8.57
WISCONSIN ELECTRIC		19.20	16.63	15.35	18.21	15.19	14.68	14.62	12.55	10.84	10.35	8.00
WISCONSIN PUBLIC SERVICE		12.28	10.48	9.58	11.43	9.41	9.21	9.14	9.09	8.28	7.92	7.30
<u>COOPERATIVES</u>												
CLOVERLAND		13.29	11.49	10.59	11.41	10.34	10.45	9.56	9.04	7.06		
MIDWEST ENERGY		18.19	14.59	12.79	12.80	11.14	11.94	10.88	10.24	11.59		
THUMB		14.30	12.50	11.60	11.88	10.72	13.62	12.10	11.18	8.02		
<i>AVERAGE INVESTOR OWNED</i>		15.62	13.97	13.21	14.22	12.80	12.55	11.86	11.05	9.25	8.65	8.00
<i>AVERAGE COOPERATIVE</i>		15.26	12.86	11.66	12.03	10.73	12.00	10.85	10.15	8.89		
<i>AVERAGE ALL COMPANIES</i>		15.54	13.72	12.86	13.72	12.33	12.42	11.63	10.84	9.17	8.65	8.00

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
November 1, 2012**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i> <i>kWh</i>										
	250	500	1,000	5 1,000	25 5,000	100 21,600	100 28,800	100 36,000	1,000 432,000	10,000 4,320,000	50,000 21,600,000
<u>INVESTOR OWNED</u>											
ALPENA POWER	14.50	13.46	12.93	13.47	12.49	12.81	11.53	10.64	8.77	6.96	6.38
CONSUMERS ENERGY	15.08	13.57	12.82	14.37	12.36	12.30	11.28	10.68	9.49	8.65	7.80
DETROIT EDISON	16.82	15.33	15.25	14.64	13.14	12.58	12.54	11.65	9.56	8.98	8.70
EDISON SAULT ELECTRIC	10.37	9.69	9.35	11.19	10.33	10.16	10.73	10.12	9.09	9.03	9.02
AEP (I&M) COMBINED	12.37	10.91	10.18	10.83	11.04	10.14	9.43	9.00	7.94	7.42	7.31
NORTHERN STATES POWER	12.83	11.28	10.51	10.78	9.79	10.75	9.63	8.95	8.65	8.57	8.57
UPPER PENINSULA POWER	22.26	20.06	18.96	19.68	18.17	16.87	15.28	14.33	10.35	9.68	8.83
UPPER PENINSULA POWER IRON RIVER	21.02	18.82	17.72	18.15	16.64	16.52	14.94	13.98	10.01	9.43	8.57
WISCONSIN ELECTRIC	19.04	16.55	15.31	18.09	15.16	14.67	14.61	12.53	10.83	10.35	8.00
WISCONSIN PUBLIC SERVICE	11.95	10.15	9.25	11.09	9.08	8.87	8.80	8.76	7.95	7.58	6.97
<u>COOPERATIVES</u>											
CLOVERLAND	14.79	12.99	12.09	12.91	11.84	11.95	11.06	10.54	8.56		
MIDWEST ENERGY	18.19	14.59	12.79	12.80	11.14	11.94	10.88	10.24	11.59		
ONTONAGON	24.44	21.44	19.94	18.73	16.74	17.18	15.46	14.42	11.45		
THUMB	14.30	12.50	11.60	11.88	10.72	13.62	12.10	11.18	8.02		
AVERAGE INVESTOR OWNED	15.62	13.98	13.23	14.23	12.82	12.57	11.88	11.06	9.26	8.67	8.02
AVERAGE COOPERATIVE	17.93	15.38	14.11	14.08	12.61	13.67	12.37	11.60	9.90		
AVERAGE ALL COMPANIES	16.28	14.38	13.48	14.19	12.76	12.88	12.02	11.22	9.45	8.67	8.02

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
October 1, 2012**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i> <i>kWh</i>										
	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	14.50	13.46	12.93	13.47	12.49	12.81	11.53	10.64	8.77	6.96	6.38
CONSUMERS ENERGY	15.08	13.57	12.82	14.37	12.36	12.30	11.28	10.68	9.49	8.65	7.80
DETROIT EDISON	16.82	15.33	15.25	14.64	13.14	12.58	12.54	11.65	9.56	8.98	8.70
EDISON SAULT ELECTRIC	10.37	9.69	9.35	11.19	10.33	10.16	10.73	10.12	9.09	9.03	9.02
AEP (I&M) COMBINED	12.37	10.91	10.18	10.83	11.04	10.14	9.43	9.00	7.94	7.42	7.31
NORTHERN STATES POWER	12.83	11.28	10.51	10.78	9.79	10.75	9.63	8.95	8.65	8.57	8.57
UPPER PENINSULA POWER	22.16	19.96	18.86	19.58	18.07	16.78	15.19	14.23	10.26	9.59	8.73
UPPER PENINSULA POWER IRON RIVER	20.93	18.73	17.63	18.06	16.55	16.43	14.84	13.89	9.91	9.33	8.48
WISCONSIN ELECTRIC	19.20	16.63	15.35	18.21	15.19	14.68	14.62	12.55	10.84	10.35	8.00
WISCONSIN PUBLIC SERVICE	12.15	10.35	9.45	11.30	9.28	9.08	9.01	8.96	8.15	7.79	7.17
<u>COOPERATIVES</u>											
CLOVERLAND	14.79	12.99	12.09	12.91	11.84	11.95	11.06	10.54	8.56		
MIDWEST ENERGY	18.19	14.59	12.79	12.80	11.14	11.94	10.88	10.24	11.59		
ONTONAGON	24.44	21.44	19.94	18.73	16.74	17.18	15.46	14.42	11.45		
THUMB	14.30	12.50	11.60	11.88	10.72	13.62	12.10	11.18	8.02		
<i>AVERAGE INVESTOR OWNED</i>	15.64	13.99	13.23	14.24	12.82	12.57	11.88	11.07	9.27	8.67	8.02
<i>AVERAGE COOPERATIVE</i>	17.93	15.38	14.11	14.08	12.61	13.67	12.37	11.60	9.90		
<i>AVERAGE ALL COMPANIES</i>	16.30	14.39	13.48	14.20	12.76	12.88	12.02	11.22	9.45	8.67	8.02

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
September 1, 2012**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.50	13.46	12.93	13.47	12.49	12.81	11.53	10.64	8.77	6.96	6.38
CONSUMERS ENERGY		15.08	13.57	14.82	15.86	13.85	14.72	13.47	12.73	11.49	10.65	9.80
DETROIT EDISON		16.66	15.17	15.09	14.84	13.34	12.78	12.74	11.90	9.72	9.13	8.85
EDISON SAULT ELECTRIC		10.87	10.19	9.85	11.69	10.83	10.66	11.23	10.62	9.59	9.53	9.52
AEP (I&M) COMBINED		12.37	10.91	10.17	10.83	11.03	10.13	9.42	9.00	7.94	7.42	7.31
NORTHERN STATES POWER		9.40	7.85	7.07	7.17	6.17	7.35	6.23	5.56	6.00	5.92	5.91
UPPER PENINSULA POWER		21.69	19.49	18.39	19.10	17.59	16.30	14.71	13.75	9.78	9.11	8.26
UPPER PENINSULA POWER IRON RIVER		20.45	18.25	17.15	17.58	16.07	15.95	14.36	13.41	9.43	8.85	8.00
WISCONSIN ELECTRIC		19.40	16.91	15.67	18.44	15.51	15.02	14.96	12.76	11.06	10.58	8.23
WISCONSIN PUBLIC SERVICE		12.05	10.25	9.35	11.20	9.18	8.98	8.90	8.86	8.05	7.69	7.07
<u>COOPERATIVES</u>												
CLOVERLAND		15.29	13.49	12.59	13.41	12.34	12.45	11.56	11.04	9.06		
MIDWEST ENERGY		18.19	14.59	12.79	12.80	11.14	11.94	10.88	10.24	11.59		
ONTONAGON		24.44	21.44	19.94	18.73	16.74	17.18	15.46	14.42	11.45		
PRESQUE ISLE		17.98	14.78	13.18	12.47	10.94	12.69	11.51	10.80	9.30		
THUMB		14.00	12.20	11.30	11.58	10.42	13.32	11.80	10.88	7.72		
<i>AVERAGE INVESTOR OWNED</i>		15.25	13.60	13.05	14.02	12.61	12.47	11.76	10.92	9.18	8.58	7.93
<i>AVERAGE COOPERATIVE</i>		17.98	15.30	13.96	13.80	12.31	13.52	12.24	11.48	9.82		
<i>AVERAGE ALL COMPANIES</i>		16.16	14.17	13.35	13.94	12.51	12.82	11.92	11.11	9.40	8.58	7.93

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
August 1, 2012**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.50	13.46	12.93	13.47	12.49	12.81	11.53	10.64	8.77	6.96	6.38
CONSUMERS ENERGY		14.77	13.26	14.51	15.56	13.55	14.42	13.16	12.42	11.18	10.34	9.49
DETROIT EDISON		16.66	15.17	15.09	14.84	13.34	12.78	12.74	11.90	9.72	9.13	8.85
EDISON SAULT ELECTRIC		11.15	10.47	10.13	11.97	11.11	10.95	11.52	10.91	9.88	9.81	9.81
AEP (I&M) COMBINED		12.37	10.91	10.17	10.83	11.03	10.13	9.42	9.00	7.94	7.42	7.31
NORTHERN STATES POWER		12.77	11.22	10.44	10.73	9.78	10.71	9.60	8.93	8.64	8.57	8.57
UPPER PENINSULA POWER		21.46	19.26	18.16	18.75	17.25	15.95	14.36	13.41	9.43	8.85	8.00
UPPER PENINSULA POWER IRON RIVER		20.45	18.25	17.15	17.58	16.07	15.95	14.36	13.41	9.43	8.85	8.00
WISCONSIN ELECTRIC		19.25	16.68	15.39	18.24	15.22	14.71	14.65	12.47	10.75	10.26	7.92
WISCONSIN PUBLIC SERVICE		12.05	10.25	9.35	11.20	9.18	8.96	8.89	8.85	8.06	7.69	7.06
<u>COOPERATIVES</u>												
CLOVERLAND		15.69	13.89	12.99	13.80	12.73	12.84	11.96	11.43	9.46		
MIDWEST ENERGY		18.19	14.59	12.79	12.80	11.14	11.94	10.88	10.24	11.59		
ONTONAGON		24.44	21.44	19.94	18.73	16.74	17.18	15.46	14.42	11.45		
PRESQUE ISLE		17.98	14.78	13.18	12.47	10.94	12.69	11.51	10.80	9.30		
THUMB		14.00	12.20	11.30	11.58	10.42	13.32	11.80	10.88	7.72		
<i>AVERAGE INVESTOR OWNED</i>		15.54	13.89	13.33	14.32	12.90	12.74	12.02	11.19	9.38	8.79	8.14
<i>AVERAGE COOPERATIVE</i>		18.06	15.38	14.04	13.88	12.39	13.59	12.32	11.55	9.90		
<i>AVERAGE ALL COMPANIES</i>		16.38	14.39	13.57	14.17	12.73	13.02	12.12	11.31	9.55	8.79	8.14

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
July 1, 2012**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.50	13.46	12.93	13.47	12.49	12.81	11.53	10.64	8.77	6.96	6.38
CONSUMERS ENERGY		14.72	13.19	14.42	15.46	13.45	14.32	13.06	12.32	11.08	10.24	9.39
DETROIT EDISON		17.29	15.49	15.25	14.97	13.36	12.79	12.74	11.90	9.72	9.13	8.85
EDISON SAULT ELECTRIC		11.15	10.47	10.13	11.97	11.11	10.95	11.52	10.91	9.88	9.81	9.81
AEP (I&M) COMBINED		12.37	10.91	10.17	10.83	11.03	10.13	9.42	9.00	7.94	7.42	7.31
NORTHERN STATES POWER		12.50	11.05	10.32	10.67	9.71	10.66	9.55	8.88	8.46	8.40	8.39
UPPER PENINSULA POWER		21.47	19.27	18.17	18.76	17.25	15.95	14.36	13.41	9.44	8.85	8.00
UPPER PENINSULA POWER IRON RIVER		20.46	18.26	17.16	17.58	16.07	15.95	14.36	13.41	9.44	8.85	8.00
WISCONSIN ELECTRIC		19.25	16.68	15.39	18.24	15.22	14.71	14.65	12.47	10.75	10.26	7.92
WISCONSIN PUBLIC SERVICE		12.05	10.25	9.35	11.20	9.18	8.96	8.89	8.85	8.06	7.69	7.06
<u>COOPERATIVES</u>												
CLOVERLAND		15.69	13.89	12.99	13.80	12.73	12.84	11.96	11.43	9.46		
MIDWEST ENERGY		18.19	14.59	12.79	12.80	11.14	11.94	10.88	10.24	11.59		
ONTONAGON		24.44	21.44	19.94	18.73	16.74	17.18	15.46	14.42	11.45		
PRESQUE ISLE		17.98	14.78	13.18	12.47	10.94	12.69	11.51	10.80	9.30		
THUMB		14.00	12.20	11.30	11.58	10.42	13.32	11.80	10.88	7.72		
AVERAGE INVESTOR OWNED		15.58	13.90	13.33	14.32	12.89	12.72	12.01	11.18	9.35	8.76	8.11
AVERAGE COOPERATIVE		18.06	15.38	14.04	13.88	12.39	13.59	12.32	11.55	9.90		
AVERAGE ALL COMPANIES		16.40	14.39	13.57	14.17	12.72	13.01	12.11	11.30	9.54	8.76	8.11

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
June 1, 2012**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i> <i>kWh</i>										
	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	14.50	13.46	12.93	13.47	12.49	12.81	11.53	10.64	8.77	6.96	6.38
CONSUMERS ENERGY	13.61	12.28	14.55	14.84	13.23	14.01	12.39	11.42	10.04	9.18	8.58
DETROIT EDISON	12.01	12.85	13.93	13.85	13.14	12.73	12.70	11.87	9.71	9.13	8.85
EDISON SAULT ELECTRIC	11.27	10.59	10.25	12.09	11.23	11.06	11.64	11.02	9.99	9.93	9.93
AEP (I&M) COMBINED	12.37	10.91	10.17	10.83	11.03	10.13	9.42	9.00	7.94	7.42	7.31
NORTHERN STATES POWER	12.50	11.05	10.32	10.67	9.71	10.66	9.55	8.88	8.46	8.40	8.39
UPPER PENINSULA POWER	21.47	19.27	18.17	18.76	17.25	15.95	14.36	13.41	9.44	8.85	8.00
UPPER PENINSULA POWER IRON RIVER	20.46	18.26	17.16	17.58	16.07	15.95	14.36	13.41	9.44	8.85	8.00
WISCONSIN ELECTRIC	18.76	16.27	15.03	17.67	14.74	14.25	14.19	12.13	10.41	9.97	7.06
WISCONSIN PUBLIC SERVICE	12.05	10.25	9.35	11.20	9.18	8.96	8.89	8.85	8.06	7.69	7.06
<u>COOPERATIVES</u>											
CLOVERLAND	15.69	13.89	12.99	13.80	12.73	12.84	11.96	11.43	9.46		
MIDWEST ENERGY	18.19	14.59	12.79	12.80	11.14	11.94	10.88	10.24	11.59		
ONTONAGON	24.44	21.44	19.94	18.73	16.74	17.18	15.46	14.42	11.45		
PRESQUE ISLE	17.98	14.78	13.18	12.47	10.94	12.69	11.51	10.80	9.30		
THUMB	14.95	13.15	12.25	12.53	11.37	14.27	12.75	11.83	8.67		
<i>AVERAGE INVESTOR OWNED</i>	14.90	13.52	13.19	14.10	12.81	12.65	11.90	11.06	9.23	8.64	7.96
<i>AVERAGE COOPERATIVE</i>	18.25	15.57	14.23	14.07	12.58	13.78	12.51	11.74	10.09		
<i>AVERAGE ALL COMPANIES</i>	16.02	14.20	13.53	14.09	12.73	13.03	12.11	11.29	9.52	8.64	7.96

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
May 1, 2012**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.50	13.46	12.93	13.47	12.49	12.81	11.53	10.64	8.77	6.96	6.38
CONSUMERS ENERGY		14.42	13.09	12.42	14.01	12.40	12.66	11.32	10.53	9.08	8.24	7.72
DETROIT EDISON		17.29	15.49	15.25	14.97	13.36	12.79	12.74	11.90	9.72	9.13	8.85
EDISON SAULT ELECTRIC		11.27	10.59	10.25	12.09	11.23	11.06	11.64	11.02	9.99	9.93	9.93
AEP (I&M) COMBINED		12.37	10.91	10.18	10.83	11.04	10.14	9.43	9.00	7.94	7.42	7.31
NORTHERN STATES POWER		12.50	11.05	10.32	10.67	9.71	10.66	9.55	8.88	8.46	8.40	8.39
UPPER PENINSULA POWER		21.47	19.27	18.17	18.76	17.25	15.95	14.36	13.41	9.44	8.85	8.00
UPPER PENINSULA POWER IRON RIVER		20.46	18.26	17.16	17.58	16.07	15.95	14.36	13.41	9.44	8.85	8.00
WISCONSIN ELECTRIC		18.93	16.36	15.07	17.79	14.77	14.26	14.20	12.16	10.42	9.97	7.06
WISCONSIN PUBLIC SERVICE		12.07	10.27	9.37	11.22	9.20	8.98	8.91	8.87	8.08	7.71	7.09
<u>COOPERATIVES</u>												
CLOVERLAND		15.69	13.89	12.99	13.80	12.73	12.84	11.96	11.43	9.46		
MIDWEST ENERGY		18.19	14.59	12.79	12.80	11.14	11.94	10.88	10.24	11.59		
ONTONAGON		24.44	21.44	19.94	18.73	16.74	17.18	15.46	14.42	11.45		
PRESQUE ISLE		17.98	14.78	13.18	12.47	10.94	12.69	11.51	10.80	9.30		
THUMB		15.25	13.45	12.55	12.83	11.67	14.57	13.05	12.13	8.97		
AVERAGE INVESTOR OWNED		15.53	13.87	13.11	14.14	12.75	12.52	11.80	10.98	9.14	8.55	7.87
AVERAGE COOPERATIVE		18.31	15.63	14.29	14.13	12.64	13.84	12.57	11.80	10.15		
AVERAGE ALL COMPANIES		16.46	14.46	13.51	14.13	12.72	12.96	12.06	11.26	9.47	8.55	7.87

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
April 1, 2012**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i> <i>kWh</i>										
	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	14.50	13.46	12.93	13.47	12.49	12.81	11.53	10.64	8.77	6.96	6.38
CONSUMERS ENERGY	14.45	13.12	12.46	13.76	12.44	12.70	11.37	10.58	9.12	8.29	7.78
DETROIT EDISON	17.19	15.39	15.15	14.87	13.26	12.69	12.64	11.80	9.62	9.04	8.76
EDISON SAULT ELECTRIC	11.19	10.51	10.17	12.09	11.23	11.06	11.41	10.84	9.98	9.93	9.93
AEP (I&M) COMBINED	11.82	10.37	9.65	10.28	10.06	9.51	8.83	8.42	7.41	6.90	6.78
NORTHERN STATES POWER	12.50	11.05	10.32	10.67	9.71	10.66	9.55	8.88	8.46	8.40	8.39
UPPER PENINSULA POWER	22.06	19.86	18.76	19.34	17.83	16.54	14.95	13.99	10.03	9.44	8.58
UPPER PENINSULA POWER IRON RIVER	21.04	18.84	17.74	18.17	16.66	16.54	14.95	13.99	10.03	9.44	8.58
WISCONSIN ELECTRIC	19.16	16.68	15.43	18.07	15.15	14.65	14.59	12.54	10.81	10.37	7.47
WISCONSIN PUBLIC SERVICE	12.45	10.65	9.75	11.60	9.58	9.36	9.29	9.25	8.46	8.09	7.46
<u>COOPERATIVES</u>											
CLOVERLAND	15.69	13.89	12.99	13.80	12.73	12.84	11.96	11.43	9.46		
MIDWEST ENERGY	18.19	14.59	12.79	12.80	11.14	11.94	10.88	10.24	11.59		
ONTONAGON	24.44	21.44	19.94	18.73	16.74	17.18	15.46	14.42	11.45		
PRESQUE ISLE	17.98	14.78	13.18	12.47	10.94	12.69	11.51	10.80	9.30		
THUMB	15.75	13.95	13.05	13.33	12.17	15.07	13.55	12.63	9.47		
<i>AVERAGE INVESTOR OWNED</i>	15.64	13.99	13.24	14.23	12.84	12.65	11.91	11.09	9.27	8.68	8.01
<i>AVERAGE COOPERATIVE</i>	18.41	15.73	14.39	14.23	12.74	13.94	12.67	11.90	10.25		
<i>AVERAGE ALL COMPANIES</i>	16.56	14.57	13.62	14.23	12.81	13.08	12.16	11.36	9.60	8.68	8.01

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
March 1, 2012**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i> <i>kWh</i>										
	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	14.50	13.46	12.93	13.47	12.49	12.81	11.53	10.64	8.77	6.96	6.38
CONSUMERS ENERGY	14.47	13.14	12.47	13.78	12.46	12.71	11.38	10.60	9.13	8.31	7.79
DETROIT EDISON	17.20	15.40	15.16	14.89	13.28	12.69	12.65	11.80	9.62	9.04	8.76
EDISON SAULT ELECTRIC	11.19	10.51	10.17	12.09	11.23	11.06	11.41	10.84	9.98	9.93	9.93
AEP (I&M) COMBINED	11.32	9.87	9.15	10.28	10.06	9.51	8.83	8.42	7.41	6.90	6.78
NORTHERN STATES POWER	12.50	11.05	10.32	10.67	9.71	10.66	9.55	8.88	8.46	8.40	8.39
UPPER PENINSULA POWER	22.15	19.95	18.85	19.43	17.92	16.63	15.04	14.08	10.12	9.53	8.67
UPPER PENINSULA POWER IRON RIVER	21.13	18.93	17.83	18.26	16.75	16.63	15.04	14.08	10.12	9.53	8.67
WISCONSIN ELECTRIC	19.33	16.76	15.47	18.19	15.17	14.66	14.60	12.56	10.82	10.37	7.47
WISCONSIN PUBLIC SERVICE	12.58	10.78	9.88	11.73	9.71	9.48	9.42	9.37	8.59	8.21	7.59
<u>COOPERATIVES</u>											
CLOVERLAND	15.69	13.89	12.99	13.80	12.73	12.84	11.96	11.43	9.46		
GREAT LAKES	18.75	15.09	13.26	13.46	11.64	11.74	10.83	10.28	7.64		
MIDWEST ENERGY	18.19	14.59	12.79	12.80	11.14	11.94	10.88	10.24	11.59		
ONTONAGON	24.44	21.44	19.94	18.73	16.74	17.18	15.46	14.42	11.45		
PRESQUE ISLE	17.98	14.78	13.18	12.47	10.94	12.69	11.51	10.80	9.30		
THUMB	15.99	14.19	13.29	13.57	12.41	15.31	13.79	12.87	9.71		
<i>AVERAGE INVESTOR OWNED</i>	15.64	13.98	13.22	14.28	12.88	12.68	11.94	11.13	9.30	8.72	8.04
<i>AVERAGE COOPERATIVE</i>	18.51	15.66	14.24	14.14	12.60	13.62	12.40	11.67	9.86		
<i>AVERAGE ALL COMPANIES</i>	16.71	14.61	13.61	14.23	12.77	13.03	12.12	11.33	9.51	8.72	8.04

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
February 1, 2012**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.50	13.46	12.93	13.47	12.49	12.81	11.53	10.64	8.77	6.96	6.38
CONSUMERS ENERGY		14.64	13.31	12.64	13.91	12.62	12.85	11.52	10.73	9.26	8.47	7.92
DETROIT EDISON		17.44	15.64	15.40	14.92	13.31	12.72	12.68	11.84	9.66	9.07	8.79
EDISON SAULT ELECTRIC		11.19	10.51	10.17	12.09	11.23	11.06	11.41	10.84	9.98	9.93	9.93
AEP (I&M) COMBINED		11.71	10.16	9.39	11.52	10.78	10.24	9.60	9.22	7.93	7.23	7.04
NORTHERN STATES POWER		12.62	11.17	10.45	10.79	9.83	10.78	9.67	9.01	8.59	8.52	8.51
UPPER PENINSULA POWER		22.26	20.06	18.96	19.54	18.03	16.74	15.15	14.19	10.23	9.64	8.78
UPPER PENINSULA POWER IRON RIVER		21.24	19.04	17.94	18.37	16.86	16.74	15.15	14.19	10.23	9.64	8.78
WISCONSIN ELECTRIC		19.00	16.59	15.39	17.95	15.12	14.65	14.59	12.51	10.80	10.37	7.47
WISCONSIN PUBLIC SERVICE		12.85	11.05	10.15	12.01	9.99	9.76	9.70	9.65	8.87	8.49	7.87
<u>COOPERATIVES</u>												
CLOVERLAND		15.69	13.89	12.99	13.80	12.73	12.84	11.96	11.43	9.46		
GREAT LAKES		18.75	15.09	13.26	13.46	11.64	11.74	10.83	10.28	7.64		
MIDWEST ENERGY		18.19	14.59	12.79	12.80	11.14	11.94	10.88	10.24	11.59		
ONTONAGON		24.44	21.44	19.94	18.73	16.74	17.18	15.46	14.42	11.45		
PRESQUE ISLE		17.98	14.78	13.18	12.47	10.94	12.69	11.51	10.80	9.30		
THUMB		15.99	14.19	13.29	13.57	12.41	15.31	13.79	12.87	9.71		
<i>AVERAGE INVESTOR OWNED</i>		15.75	14.10	13.34	14.46	13.03	12.84	12.10	11.28	9.43	8.83	8.15
<i>AVERAGE COOPERATIVE</i>		18.51	15.66	14.24	14.14	12.60	13.62	12.40	11.67	9.86		
<i>AVERAGE ALL COMPANIES</i>		16.78	14.69	13.68	14.34	12.87	13.13	12.21	11.43	9.59	8.83	8.15

Source: Michigan Public Service Commission Utility Rate Books

Compiled by the Regulated Energy Division

UPPCo Commercial rates fixed 2012/02/23

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
January 1, 2012**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.50	13.46	12.93	13.47	12.49	12.81	11.53	10.64	8.77	6.96	6.38
CONSUMERS ENERGY		14.70	13.37	12.70	14.30	12.69	12.94	11.61	10.82	9.36	8.53	8.02
DETROIT EDISON		17.52	15.72	15.47	15.00	13.38	12.80	12.75	11.91	9.73	9.14	8.86
EDISON SAULT ELECTRIC		11.19	10.51	10.17	12.09	11.23	11.06	11.41	10.84	9.98	9.93	9.93
AEP (I&M) COMBINED		11.66	10.11	9.34	11.35	10.75	10.24	9.60	9.21	7.89	7.22	7.04
NORTHERN STATES POWER		12.62	11.17	10.45	10.79	9.83	10.78	9.67	9.01	8.59	8.52	8.51
UPPER PENINSULA POWER		22.71	20.51	19.41	19.99	18.48	17.18	15.60	14.64	10.67	10.09	9.23
UPPER PENINSULA POWER IRON RIVER		21.69	19.49	18.39	18.82	17.30	17.18	15.60	14.64	10.67	10.09	9.23
WISCONSIN ELECTRIC		19.33	16.76	15.47	18.19	15.17	14.66	14.60	12.56	10.82	10.37	7.47
WISCONSIN PUBLIC SERVICE		12.85	11.05	10.15	12.01	9.99	9.76	9.70	9.65	8.87	8.49	7.87
<u>COOPERATIVES</u>												
CLOVERLAND		14.29	12.49	11.59	12.41	11.34	11.45	10.56	10.04	8.06		
GREAT LAKES		18.75	15.09	13.26	13.46	11.64	11.74	10.83	10.28	7.64		
MIDWEST ENERGY		18.19	14.59	12.79	12.80	11.14	11.94	10.88	10.24	11.59		
ONTONAGON		24.44	21.44	19.94	18.73	16.74	17.18	15.46	14.42	11.45		
PRESQUE ISLE		17.23	14.03	12.43	11.71	10.19	11.94	10.75	10.04	8.55		
THUMB		15.99	14.19	13.29	13.57	12.41	15.31	13.79	12.87	9.71		
<i>AVERAGE INVESTOR OWNED</i>		15.88	14.21	13.45	14.60	13.13	12.94	12.21	11.39	9.54	8.93	8.25
<i>AVERAGE COOPERATIVE</i>		18.15	15.31	13.88	13.78	12.24	13.26	12.04	11.32	9.50		
<i>AVERAGE ALL COMPANIES</i>		16.73	14.62	13.61	14.29	12.80	13.06	12.15	11.36	9.52	8.93	8.25

Source: Michigan Public Service Commission Utility Rate Books

Compiled by the Regulated Energy Division

UPPCo Commercial rates fixed 2012/02/23

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
December 1, 2011**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.78	14.18	13.38	14.31	12.87	13.07	11.79	10.90	9.05	7.22	6.64
CONSUMERS ENERGY		13.89	12.56	11.90	13.92	12.20	12.25	10.91	10.13	9.05	8.29	7.71
DETROIT EDISON		16.41	14.61	14.37	13.85	12.25	11.75	11.71	10.88	8.76	8.24	7.96
EDISON SAULT ELECTRIC		11.00	10.32	9.98	11.91	11.04	10.88	11.22	10.66	9.79	9.74	9.74
AEP (I&M) COMBINED		10.79	9.34	8.61	10.63	10.04	9.55	8.96	8.60	7.33	6.68	6.50
NORTHERN STATES POWER		12.40	10.95	10.23	10.57	9.61	10.56	9.45	8.78	8.37	8.30	8.29
UPPER PENINSULA POWER		20.12	18.12	17.12	18.22	16.90	15.45	13.89	12.95	9.53	8.99	8.14
UPPER PENINSULA POWER IRON RIVER		17.57	15.57	14.57	15.79	14.47	14.51	13.29	12.56	9.53	8.99	8.14
WISCONSIN ELECTRIC		18.96	16.39	15.10	17.75	14.91	14.44	14.38	12.21	10.75	10.36	7.46
WISCONSIN PUBLIC SERVICE		11.83	10.03	9.13	10.94	9.00	8.76	8.70	8.66	7.86	7.52	6.90
<u>COOPERATIVES</u>												
CLOVERLAND		14.23	12.43	11.53	12.22	11.30	10.85	10.12	9.68	8.03		
GREAT LAKES		18.27	14.61	12.78	12.83	11.16	11.29	10.38	9.84	7.13		
MIDWEST ENERGY		16.53	13.53	12.03	12.13	10.74	11.13	10.09	9.47	10.48		
ONTONAGON		23.19	20.79	19.59	18.75	16.73	17.14	15.42	14.39	11.71		
PRESQUE ISLE		17.16	13.96	12.36	11.67	10.18	11.80	10.65	9.96	8.56		
THUMB		15.49	13.69	12.79	13.01	11.96	14.30	12.93	12.10	9.27		
<i>AVERAGE INVESTOR OWNED</i>		14.87	13.21	12.44	13.79	12.33	12.12	11.43	10.63	9.00	8.43	7.75
<i>AVERAGE COOPERATIVE</i>		17.48	14.84	13.52	13.44	12.01	12.75	11.60	10.91	9.20		
<i>AVERAGE ALL COMPANIES</i>		15.85	13.82	12.84	13.66	12.21	12.36	11.49	10.74	9.08	8.43	7.75

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
November 1, 2011**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.78	14.18	13.38	14.31	12.87	13.07	11.79	10.90	9.05	7.22	6.64
CONSUMERS ENERGY		13.82	12.49	11.83	13.41	12.09	12.14	10.81	10.03	8.99	8.23	7.65
DETROIT EDISON		16.41	14.61	14.37	13.85	12.25	11.75	11.71	10.88	8.76	8.24	7.96
EDISON SAULT ELECTRIC		11.00	10.32	9.98	11.91	11.04	10.88	11.22	10.66	9.79	9.74	9.74
AEP (I&M) COMBINED		10.79	9.34	8.61	10.63	10.04	9.55	8.96	8.60	7.33	6.68	6.50
NORTHERN STATES POWER		12.40	10.95	10.23	10.57	9.61	10.56	9.45	8.78	8.37	8.30	8.29
UPPER PENINSULA POWER		20.12	18.12	17.12	18.22	16.90	15.45	13.89	12.95	9.53	8.99	8.14
UPPER PENINSULA POWER IRON RIVER		17.57	15.57	14.57	15.79	14.47	14.51	13.29	12.56	9.53	8.99	8.14
WISCONSIN ELECTRIC		18.79	16.30	15.06	17.64	14.89	14.43	14.37	12.20	10.74	10.36	7.46
WISCONSIN PUBLIC SERVICE		11.83	10.03	9.13	10.94	9.00	8.76	8.70	8.66	7.86	7.52	6.90
<u>COOPERATIVES</u>												
CLOVERLAND		13.23	11.43	10.53	11.22	10.30	9.85	9.12	8.68	7.03		
GREAT LAKES		16.89	13.89	12.39	12.83	11.16	11.29	10.38	9.84	7.13		
MIDWEST ENERGY		16.53	13.53	12.03	12.13	10.74	11.13	10.09	9.47	10.48		
ONTONAGON		23.19	20.79	19.59	18.75	16.73	17.14	15.42	14.39	11.71		
PRESQUE ISLE		17.16	13.96	12.36	11.67	10.18	11.80	10.65	9.96	8.56		
THUMB		15.49	13.69	12.79	13.01	11.96	14.30	12.93	12.10	9.27		
AVERAGE INVESTOR OWNED		14.85	13.19	12.43	13.73	12.32	12.11	11.42	10.62	9.00	8.43	7.74
AVERAGE COOPERATIVE		17.08	14.55	13.28	13.27	11.85	12.58	11.43	10.74	9.03		
AVERAGE ALL COMPANIES		15.69	13.70	12.75	13.55	12.14	12.29	11.42	10.67	9.01	8.43	7.74

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
October 1, 2011**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.78	14.18	13.38	14.31	12.87	13.07	11.79	10.90	9.05	7.22	6.64
CONSUMERS ENERGY		13.87	12.54	11.87	13.46	12.14	12.19	10.86	10.07	9.09	8.33	7.75
DETROIT EDISON		15.74	13.94	13.74	13.59	12.06	11.57	11.53	10.77	8.63	8.11	7.85
EDISON SAULT ELECTRIC		11.00	10.32	9.98	11.91	11.04	10.88	11.22	10.66	9.79	9.74	9.74
AEP (I&M) COMBINED		10.81	9.36	8.64	10.65	10.06	9.58	8.98	8.62	7.36	6.70	6.53
NORTHERN STATES POWER		12.40	10.95	10.23	10.57	9.61	10.56	9.45	8.78	8.37	8.30	8.29
UPPER PENINSULA POWER		19.45	17.45	16.45	18.06	16.74	15.35	13.78	12.84	9.53	8.91	8.06
UPPER PENINSULA POWER IRON RIVER		17.57	15.57	14.57	15.79	14.47	14.51	13.29	12.56	9.45	8.91	8.06
WISCONSIN ELECTRIC		18.60	16.03	14.74	17.41	14.57	14.09	14.03	11.98	10.52	10.13	7.23
WISCONSIN PUBLIC SERVICE		11.87	10.07	9.17	10.98	9.04	8.80	8.74	8.70	7.90	7.56	6.94
<u>COOPERATIVES</u>												
CLOVERLAND		15.28	13.48	12.58	13.27	12.35	11.89	11.16	10.72	9.08		
GREAT LAKES		16.89	13.89	12.39	12.83	11.16	11.29	10.38	9.84	7.13		
MIDWEST ENERGY		16.53	13.53	12.03	12.13	10.74	11.13	10.09	9.47	10.48		
ONTONAGON		23.19	20.79	19.59	18.75	16.73	17.14	15.42	14.39	11.71		
PRESQUE ISLE		16.47	13.47	11.97	11.67	10.18	11.80	10.65	9.96	8.56		
THUMB		15.49	13.69	12.79	13.01	11.96	14.30	12.93	12.10	9.27		
<i>AVERAGE INVESTOR OWNED</i>		14.71	13.04	12.28	13.67	12.26	12.06	11.37	10.59	8.97	8.39	7.71
<i>AVERAGE COOPERATIVE</i>		17.31	14.81	13.56	13.61	12.19	12.93	11.77	11.08	9.37		
<i>AVERAGE ALL COMPANIES</i>		15.68	13.70	12.76	13.65	12.23	12.38	11.52	10.77	9.12	8.39	7.71

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
September 1, 2011**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.78	14.18	13.38	14.31	12.87	13.07	11.79	10.90	9.05	7.22	6.64
CONSUMERS ENERGY		13.95	12.62	14.89	15.09	13.78	14.34	12.72	11.76	10.72	9.88	9.28
DETROIT EDISON		15.50	13.70	13.49	13.48	11.89	11.38	11.34	10.58	8.51	7.99	7.72
EDISON SAULT ELECTRIC		11.00	10.32	9.98	11.91	11.04	10.88	11.22	10.66	9.79	9.74	9.74
AEP (I&M) COMBINED		10.81	9.36	8.64	10.65	10.06	9.58	8.98	8.62	7.36	6.70	6.53
NORTHERN STATES POWER		12.40	10.95	10.23	10.57	9.61	10.56	9.45	8.78	8.37	8.30	8.29
UPPER PENINSULA POWER		19.70	17.70	16.70	18.32	17.00	15.61	14.04	13.10	9.79	9.17	8.31
UPPER PENINSULA POWER IRON RIVER		17.82	15.82	14.82	16.04	14.72	14.77	13.55	12.82	9.71	9.17	8.31
WISCONSIN ELECTRIC		18.37	15.88	14.64	17.23	14.48	14.02	13.96	11.90	10.45	10.06	7.17
WISCONSIN PUBLIC SERVICE		12.01	10.21	9.31	11.13	9.19	8.95	8.89	8.85	8.05	7.71	7.09
<u>COOPERATIVES</u>												
CLOVERLAND		15.28	13.48	12.58	13.27	12.35	11.89	11.16	10.72	9.08		
GREAT LAKES		16.89	13.89	12.39	12.83	11.16	11.29	10.38	9.84	7.13		
MIDWEST ENERGY		16.53	13.53	12.03	12.13	10.74	11.13	10.09	9.47	10.48		
ONTONAGON		23.19	20.79	19.59	18.75	16.73	17.14	15.42	14.39	11.71		
PRESQUE ISLE		16.47	13.47	11.97	11.67	10.18	11.80	10.65	9.96	8.56		
THUMB		15.49	13.69	12.79	13.01	11.96	14.30	12.93	12.10	9.27		
<i>AVERAGE INVESTOR OWNED</i>		14.74	13.08	12.61	13.87	12.46	12.31	11.59	10.80	9.18	8.59	7.91
<i>AVERAGE COOPERATIVE</i>		17.31	14.81	13.56	13.61	12.19	12.93	11.77	11.08	9.37		
<i>AVERAGE ALL COMPANIES</i>		15.70	13.73	12.97	13.77	12.36	12.54	11.66	10.90	9.25	8.59	7.91

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
August 1, 2011**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.78	14.18	13.38	14.31	12.87	13.07	11.79	10.90	9.05	7.22	6.64
CONSUMERS ENERGY		14.66	12.96	15.04	15.32	13.94	14.34	12.72	11.74	10.70	9.84	9.24
DETROIT EDISON		15.74	13.94	13.74	13.67	12.07	11.57	11.53	10.77	8.63	8.11	7.85
EDISON SAULT ELECTRIC		11.00	10.32	9.98	11.91	11.04	10.88	11.22	10.66	9.79	9.74	9.74
AEP (I&M) COMBINED		10.81	9.36	8.64	10.65	10.06	9.58	8.98	8.62	7.36	6.70	6.53
NORTHERN STATES POWER		12.40	10.95	10.23	10.57	9.61	10.56	9.45	8.78	8.37	8.30	8.29
UPPER PENINSULA POWER		20.70	18.70	17.70	18.80	17.48	16.04	14.47	13.53	10.11	9.57	8.72
UPPER PENINSULA POWER IRON RIVER		19.15	17.15	16.15	16.57	15.25	15.09	13.87	13.14	10.11	9.57	8.72
WISCONSIN ELECTRIC		18.53	15.96	14.68	17.34	14.50	14.03	13.97	11.92	10.45	10.06	7.17
WISCONSIN PUBLIC SERVICE		12.01	10.21	9.31	11.13	9.19	8.95	8.89	8.85	8.05	7.71	7.09
<u>COOPERATIVES</u>												
CLOVERLAND		15.28	13.48	12.58	13.27	12.35	11.89	11.16	10.72	9.08		
GREAT LAKES		16.89	13.89	12.39	12.83	11.16	11.29	10.38	9.84	7.13		
MIDWEST ENERGY		16.53	13.53	12.03	12.13	10.74	11.13	10.09	9.47	10.48		
ONTONAGON		23.19	20.79	19.59	18.75	16.73	17.14	15.42	14.39	11.71		
PRESQUE ISLE		16.47	13.47	11.97	11.67	10.18	11.80	10.65	9.96	8.56		
THUMB		15.49	13.69	12.79	13.01	11.96	14.30	12.93	12.10	9.27		
<i>AVERAGE INVESTOR OWNED</i>		15.08	13.37	12.88	14.03	12.60	12.41	11.69	10.89	9.26	8.68	8.00
<i>AVERAGE COOPERATIVE</i>		17.31	14.81	13.56	13.61	12.19	12.93	11.77	11.08	9.37		
<i>AVERAGE ALL COMPANIES</i>		15.92	13.91	13.14	13.87	12.45	12.60	11.72	10.96	9.30	8.68	8.00

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
July 1, 2011**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.78	14.18	13.38	14.31	12.87	13.07	11.79	10.90	9.05	7.22	6.64
CONSUMERS ENERGY		14.70	13.00	15.08	15.37	13.98	14.39	12.76	11.78	10.74	9.89	9.28
DETROIT EDISON		15.73	13.93	13.72	13.34	11.74	11.24	11.20	10.44	8.30	7.78	7.51
EDISON SAULT ELECTRIC		11.00	10.32	9.98	11.91	11.04	10.88	11.22	10.66	9.79	9.74	9.74
AEP (I&M) COMBINED		9.71	8.26	7.53	9.50	8.80	8.32	7.72	7.36	6.22	6.70	5.61
NORTHERN STATES POWER		10.94	10.09	9.67	10.22	9.50	9.71	8.79	8.25	7.88	7.83	7.83
UPPER PENINSULA POWER		20.82	18.82	17.82	18.92	17.60	16.16	14.59	13.65	10.23	9.69	8.84
UPPER PENINSULA POWER IRON RIVER		19.27	17.27	16.27	16.69	15.37	15.21	13.99	13.26	10.23	9.69	8.84
WISCONSIN ELECTRIC		18.53	15.96	14.68	17.34	14.50	14.03	13.97	11.92	10.45	10.06	7.17
WISCONSIN PUBLIC SERVICE		12.10	10.30	9.40	11.22	9.27	9.03	8.97	8.94	8.14	7.79	7.17
<u>COOPERATIVES</u>												
CLOVERLAND		15.28	13.48	12.58	13.27	12.35	11.89	11.16	10.72	9.08		
GREAT LAKES		16.89	13.89	12.39	12.83	11.16	11.29	10.38	9.84	7.13		
MIDWEST ENERGY		16.43	13.43	11.93	12.03	10.64	11.03	9.99	9.37	10.38		
ONTONAGON		23.19	20.79	19.59	18.75	16.73	17.14	15.42	14.39	11.71		
PRESQUE ISLE		16.47	13.47	11.97	11.67	10.18	11.80	10.65	9.96	8.56		
THUMB		15.49	13.69	12.79	13.01	11.96	14.30	12.93	12.10	9.27		
AVERAGE INVESTOR OWNED		14.86	13.21	12.75	13.88	12.47	12.20	11.50	10.72	9.10	8.64	7.86
AVERAGE COOPERATIVE		17.29	14.79	13.54	13.59	12.17	12.91	11.76	11.06	9.35		
AVERAGE ALL COMPANIES		15.77	13.81	13.05	13.77	12.36	12.47	11.60	10.85	9.20	8.64	7.86

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
June 1, 2011**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i> <i>kWh</i>										
	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	15.78	14.18	13.38	14.31	12.87	13.07	11.79	10.90	9.05	7.22	6.64
CONSUMERS ENERGY	14.70	13.00	15.08	15.37	13.98	14.39	12.76	11.78	10.74	9.89	9.28
DETROIT EDISON	15.74	13.94	13.74	13.67	12.07	11.57	11.53	10.77	8.63	8.11	7.85
EDISON SAULT ELECTRIC	11.00	10.32	9.98	11.91	11.04	10.88	11.22	10.66	9.79	9.74	9.74
AEP (I&M) COMBINED	10.81	9.36	8.64	10.65	10.06	9.58	8.98	8.62	7.36	6.70	6.53
NORTHERN STATES POWER	10.94	10.09	9.67	10.22	9.50	9.71	8.79	8.25	7.88	7.83	7.83
UPPER PENINSULA POWER	20.88	18.88	17.88	18.98	17.66	16.22	14.65	13.71	10.29	9.75	8.90
UPPER PENINSULA POWER IRON RIVER	19.33	17.33	16.33	16.75	15.43	15.27	14.05	13.32	10.29	9.75	8.90
WISCONSIN ELECTRIC	18.37	15.88	14.64	17.23	14.48	14.02	13.96	11.90	10.45	10.06	7.17
WISCONSIN PUBLIC SERVICE	12.10	10.30	9.40	11.22	9.29	9.08	9.02	8.98	8.14	7.81	7.19
<u>COOPERATIVES</u>											
CLOVERLAND	15.28	13.48	12.58	13.27	12.35	11.89	11.16	10.72	9.08		
GREAT LAKES	16.89	13.89	12.39	12.83	11.16	11.29	10.38	9.84	7.13		
MIDWEST ENERGY	16.43	13.43	11.93	12.03	10.64	11.03	9.99	9.37	10.38		
ONTONAGON	23.19	20.79	19.59	18.75	16.73	17.14	15.42	14.39	11.71		
PRESQUE ISLE	16.47	13.47	11.97	11.67	10.18	11.80	10.65	9.96	8.56		
THUMB	15.49	13.69	12.79	13.01	11.96	14.30	12.93	12.10	9.27		
<i>AVERAGE INVESTOR OWNED</i>	14.97	13.33	12.87	14.03	12.64	12.38	11.68	10.89	9.26	8.69	8.00
<i>AVERAGE COOPERATIVE</i>	17.29	14.79	13.54	13.59	12.17	12.91	11.76	11.06	9.35		
<i>AVERAGE ALL COMPANIES</i>	15.84	13.88	13.12	13.87	12.46	12.58	11.71	10.95	9.30	8.69	8.00

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
May 1, 2011**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.78	14.18	13.38	14.31	12.87	13.07	11.79	10.90	8.30	6.65	6.64
CONSUMERS ENERGY		14.69	12.99	12.14	13.81	12.42	12.31	10.97	10.17	9.19	8.43	7.84
DETROIT EDISON		15.74	13.94	13.74	13.67	12.07	11.57	11.53	10.77	8.63	8.11	7.85
EDISON SAULT ELECTRIC		11.00	10.32	9.98	11.91	11.04	10.88	11.22	10.66	9.79	9.74	9.74
AEP (I&M) COMBINED		10.81	9.36	8.64	10.65	10.06	9.58	8.98	8.62	7.36	6.70	6.53
NORTHERN STATES POWER		10.94	10.09	9.67	10.22	9.50	9.71	8.79	8.25	7.88	7.83	7.83
UPPER PENINSULA POWER		20.88	18.88	17.88	18.98	17.66	16.22	14.65	13.71	10.29	9.75	8.90
UPPER PENINSULA POWER IRON RIVER		19.33	17.33	16.33	16.75	15.43	15.27	14.05	13.32	10.29	9.75	8.90
WISCONSIN ELECTRIC		18.53	15.96	14.68	17.34	14.50	14.03	13.97	11.92	10.45	10.06	7.17
WISCONSIN PUBLIC SERVICE		12.23	10.43	9.53	11.35	9.42	9.22	9.15	9.11	8.28	7.94	7.32
<u>COOPERATIVES</u>												
CLOVERLAND		15.28	13.48	12.58	13.27	12.35	11.89	11.16	10.72	9.08		
GREAT LAKES		16.89	13.89	12.39	12.83	11.16	11.29	10.38	9.84	7.13		
MIDWEST ENERGY		16.43	13.43	11.93	12.03	10.64	11.03	9.99	9.37	10.38		
ONTONAGON		23.19	20.79	19.59	18.75	16.73	17.14	15.42	14.39	11.71		
PRESQUE ISLE		16.47	13.47	11.97	11.67	10.18	11.80	10.65	9.96	8.56		
THUMB		15.49	13.69	12.79	13.01	11.96	14.30	12.93	12.10	9.27		
<i>AVERAGE INVESTOR OWNED</i>		15.00	13.35	12.60	13.90	12.50	12.18	11.51	10.74	9.05	8.50	7.87
<i>AVERAGE COOPERATIVE</i>		17.29	14.79	13.54	13.59	12.17	12.91	11.76	11.06	9.35		
<i>AVERAGE ALL COMPANIES</i>		15.86	13.89	12.95	13.78	12.38	12.46	11.60	10.86	9.16	8.50	7.87

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
April 1, 2011**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i> <i>kWh</i>										
	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>5</u> <u>1,000</u>	<u>25</u> <u>5,000</u>	<u>100</u> <u>21,600</u>	<u>100</u> <u>28,800</u>	<u>100</u> <u>36,000</u>	<u>1,000</u> <u>432,000</u>	<u>10,000</u> <u>4,320,000</u>	<u>50,000</u> <u>21,600,000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	15.78	14.18	13.38	14.31	12.87	13.07	11.79	10.90	8.30	6.65	6.64
CONSUMERS ENERGY	14.65	12.95	12.10	13.77	12.39	12.27	10.93	10.13	9.16	8.39	7.81
DETROIT EDISON	15.36	13.56	13.35	13.43	11.84	11.33	11.29	10.51	8.44	7.93	7.66
EDISON SAULT ELECTRIC	10.79	10.11	9.77	11.69	10.83	10.66	11.01	10.44	9.58	9.53	9.52
AEP (I&M) COMBINED	10.81	9.36	8.64	10.65	10.06	9.58	8.98	8.62	7.36	6.70	6.53
NORTHERN STATES POWER	10.94	10.09	9.67	10.22	9.50	9.71	8.79	8.25	7.88	7.83	7.83
UPPER PENINSULA POWER	21.07	19.07	18.07	19.16	17.85	16.40	14.84	13.90	10.47	9.94	9.09
UPPER PENINSULA POWER IRON RIVER	19.52	17.52	16.52	16.93	15.62	15.46	14.24	13.51	10.47	9.94	9.09
WISCONSIN ELECTRIC	18.43	15.94	14.70	17.29	14.54	14.08	14.03	11.97	10.51	10.13	7.23
WISCONSIN PUBLIC SERVICE	12.23	10.43	9.53	11.35	9.42	9.22	9.15	9.11	8.28	7.94	7.32
<u>COOPERATIVES</u>											
CLOVERLAND	15.12	13.32	12.42	13.11	12.19	11.74	11.01	10.57	8.92		
GREAT LAKES	16.89	13.89	12.39	12.83	11.16	11.29	10.38	9.84	7.13		
MIDWEST ENERGY	16.43	13.43	11.93	12.03	10.64	11.03	9.99	9.37	10.38		
ONTONAGON	23.19	20.79	19.59	18.75	16.73	17.14	15.42	14.39	11.71		
PRESQUE ISLE	16.47	13.47	11.97	11.67	10.18	11.80	10.65	9.96	8.56		
THUMB	15.69	13.89	12.99	13.21	12.16	14.50	13.13	12.30	9.47		
<i>AVERAGE INVESTOR OWNED</i>	14.96	13.32	12.57	13.88	12.49	12.18	11.50	10.73	9.04	8.50	7.87
<i>AVERAGE COOPERATIVE</i>	17.30	14.80	13.55	13.60	12.18	12.92	11.76	11.07	9.36		
<i>AVERAGE ALL COMPANIES</i>	15.84	13.88	12.94	13.78	12.37	12.45	11.60	10.86	9.16	8.50	7.87

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
March 1, 2011**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.78	14.18	13.38	14.31	12.87	13.07	11.79	10.90	8.30	6.65	6.64
CONSUMERS ENERGY		14.66	12.96	12.11	13.78	12.39	12.28	10.94	10.14	9.16	8.39	7.81
DETROIT EDISON		15.36	13.56	13.35	13.43	11.84	11.33	11.29	10.51	8.44	7.93	7.66
EDISON SAULT ELECTRIC		10.79	10.11	9.77	11.69	10.83	10.66	11.01	10.44	9.58	9.53	9.52
AEP (I&M) COMBINED		10.69	9.24	8.52	10.53	9.94	9.46	8.86	8.50	7.23	6.58	6.41
NORTHERN STATES POWER		10.94	10.09	9.67	10.22	9.50	9.71	8.79	8.25	7.88	7.83	7.83
UPPER PENINSULA POWER		21.12	19.12	18.12	19.22	17.90	16.46	14.89	13.95	10.53	10.00	9.14
UPPER PENINSULA POWER IRON RIVER		19.58	17.58	16.58	16.99	15.67	15.51	14.30	13.57	10.53	10.00	9.14
WISCONSIN ELECTRIC		18.61	16.04	14.76	17.42	14.58	14.11	14.05	12.00	10.53	10.14	7.25
WISCONSIN PUBLIC SERVICE		12.27	10.47	9.57	11.39	9.46	9.25	9.19	9.14	8.31	7.98	7.36
<u>COOPERATIVES</u>												
CLOVERLAND		15.12	13.32	12.42	13.11	12.19	11.74	11.01	10.57	8.92		
GREAT LAKES		16.89	13.89	12.39	12.83	11.16	11.29	10.38	9.84	7.13		
MIDWEST ENERGY		16.43	13.43	11.93	12.03	10.64	11.03	9.99	9.37	10.38		
ONTONAGON		23.19	20.79	19.59	18.75	16.73	17.14	15.42	14.39	11.71		
PRESQUE ISLE		16.47	13.47	11.97	11.67	10.18	11.80	10.65	9.96	8.56		
THUMB		15.69	13.89	12.99	13.21	12.16	14.50	13.13	12.30	9.47		
AVERAGE INVESTOR OWNED		14.98	13.34	12.58	13.90	12.50	12.18	11.51	10.74	9.05	8.50	7.88
AVERAGE COOPERATIVE		17.30	14.80	13.55	13.60	12.18	12.92	11.76	11.07	9.36		
AVERAGE ALL COMPANIES		15.85	13.88	12.95	13.79	12.38	12.46	11.61	10.86	9.17	8.50	7.88

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
February 1, 2011**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.78	14.18	13.38	14.31	12.87	13.07	11.79	10.90	8.30	6.65	6.64
CONSUMERS ENERGY		14.61	12.91	12.06	13.73	12.34	12.23	10.89	10.08	9.11	8.34	7.76
DETROIT EDISON		13.47	11.67	11.46	13.41	12.04	11.54	11.50	10.72	8.65	8.14	7.87
EDISON SAULT ELECTRIC		10.79	10.11	9.77	11.69	10.83	10.66	11.01	10.44	9.58	9.53	9.52
AEP (I&M) COMBINED		10.69	9.24	8.52	10.53	9.94	9.46	8.86	8.50	7.23	6.58	6.41
NORTHERN STATES POWER		10.94	10.09	9.67	10.22	9.50	9.71	8.79	8.25	7.88	7.83	7.83
UPPER PENINSULA POWER		21.14	19.14	18.14	19.24	17.92	16.48	14.91	13.97	10.55	10.02	9.17
UPPER PENINSULA POWER IRON RIVER		19.60	17.60	16.60	17.01	15.69	15.54	14.32	13.59	10.55	10.02	9.17
WISCONSIN ELECTRIC		18.11	15.79	14.63	17.08	14.51	14.08	14.03	11.95	10.51	10.14	7.25
WISCONSIN PUBLIC SERVICE		12.32	10.52	9.62	11.44	9.51	9.31	9.24	9.20	8.37	8.03	7.41
<u>COOPERATIVES</u>												
CLOVERLAND		15.12	13.32	12.42	13.11	12.19	11.74	11.01	10.57	8.92		
GREAT LAKES		16.89	13.89	12.39	12.83	11.16	11.29	10.38	9.84	7.13		
MIDWEST ENERGY		16.43	13.43	11.93	12.03	10.64	11.03	9.99	9.37	10.38		
ONTONAGON		23.19	20.79	19.59	18.75	16.73	17.14	15.42	14.39	11.71		
PRESQUE ISLE		16.47	13.47	11.97	11.67	10.18	11.80	10.65	9.96	8.56		
THUMB		15.69	13.89	12.99	13.21	12.16	14.50	13.13	12.30	9.47		
<i>AVERAGE INVESTOR OWNED</i>		14.75	13.13	12.38	13.87	12.52	12.21	11.53	10.76	9.07	8.53	7.90
<i>AVERAGE COOPERATIVE</i>		17.30	14.80	13.55	13.60	12.18	12.92	11.76	11.07	9.36		
<i>AVERAGE ALL COMPANIES</i>		15.70	13.75	12.82	13.77	12.39	12.47	11.62	10.88	9.18	8.53	7.90

Source: Michigan Public Service Commission Utility Rate Books

Compiled by the Regulated Energy Division

Modified 03/29/2011 to fix DTE RARS calculation for Small Commercial

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
January 1, 2011**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i> <i>kWh</i>										
	<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>1,000</u>	<u>10,000</u>	<u>50,000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	15.78	14.18	13.38	14.31	12.87	13.07	11.79	10.90	8.30	6.65	6.64
CONSUMERS ENERGY	14.41	12.71	11.86	13.53	12.14	12.03	10.69	9.89	8.91	8.14	7.56
DETROIT EDISON	14.25	12.45	12.24	12.67	11.08	10.59	10.55	9.96	8.11	7.60	7.33
EDISON SAULT ELECTRIC	10.79	10.11	9.77	11.69	10.83	10.66	11.01	10.44	9.58	9.53	9.52
AEP (I&M) COMBINED	10.69	9.24	8.52	10.53	9.94	9.46	8.86	8.50	7.23	6.58	6.41
NORTHERN STATES POWER	11.11	10.26	9.84	10.39	9.67	9.88	8.96	8.42	8.05	8.00	8.00
UPPER PENINSULA POWER	21.14	19.14	18.14	19.24	17.92	16.48	14.91	13.97	10.55	10.02	9.17
UPPER PENINSULA POWER IRON RIVER	19.60	17.60	16.60	17.01	15.69	15.54	14.32	13.59	10.55	10.02	9.17
WISCONSIN ELECTRIC	18.61	16.04	14.76	17.42	14.58	14.11	14.05	12.00	10.53	10.14	7.25
WISCONSIN PUBLIC SERVICE	12.32	10.52	9.62	11.44	9.51	9.31	9.24	9.20	8.37	8.03	7.41
<u>COOPERATIVES</u>											
CLOVERLAND	15.12	13.32	12.42	13.11	12.19	11.74	11.01	10.57	8.92		
GREAT LAKES	16.89	13.89	12.39	12.83	11.16	11.29	10.38	9.84	7.13		
MIDWEST ENERGY	16.43	13.43	11.93	12.03	10.64	11.03	9.99	9.37	10.38		
ONTONAGON	23.19	20.79	19.59	18.75	16.73	17.14	15.42	14.39	11.71		
PRESQUE ISLE	16.15	13.15	11.65	11.35	9.85	11.48	10.33	9.64	8.23		
THUMB	15.69	13.89	12.99	13.21	12.16	14.50	13.13	12.30	9.47		
<i>AVERAGE INVESTOR OWNED</i>	14.87	13.23	12.47	13.82	12.42	12.11	11.44	10.69	9.02	8.47	7.84
<i>AVERAGE COOPERATIVE</i>	17.25	14.75	13.50	13.55	12.12	12.86	11.71	11.02	9.31		
<i>AVERAGE ALL COMPANIES</i>	15.76	13.80	12.86	13.72	12.31	12.39	11.54	10.81	9.13	8.47	7.84

Source: Michigan Public Service Commission Utility Rate Books

Compiled by the Regulated Energy Division

Updated 2/3/2011 to fix Cloverland/WPSC residential calculations

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
December 1, 2010**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.17	13.57	12.77	13.69	12.29	12.48	11.20	10.32	7.73	6.10	6.07
CONSUMERS ENERGY		14.40	12.70	11.85	13.30	11.80	11.68	10.35	9.55	8.57	7.82	7.24
DETROIT EDISON		15.20	13.40	13.19	13.27	11.67	11.18	11.14	10.36	8.29	7.78	7.51
EDISON SAULT ELECTRIC		10.41	9.73	9.39	11.31	10.45	10.28	10.63	10.06	9.20	9.15	9.14
AEP (I&M) COMBINED		10.72	9.27	8.55	10.56	9.97	9.49	8.89	8.53	7.26	6.61	6.43
NORTHERN STATES POWER		10.61	9.76	9.34	9.89	9.17	9.37	8.46	7.91	7.55	7.50	7.49
UPPER PENINSULA POWER		18.71	16.71	15.71	17.26	15.95	14.44	13.11	12.31	9.18	8.72	8.06
UPPER PENINSULA POWER IRON RIVER		16.39	14.39	13.39	14.10	12.78	12.92	11.93	11.34	9.18	8.72	8.06
WISCONSIN ELECTRIC		18.06	15.49	14.21	16.87	14.03	13.55	13.50	11.45	9.98	9.59	6.70
WISCONSIN PUBLIC SERVICE		11.13	9.33	8.43	10.25	8.32	8.12	8.05	8.01	7.17	6.84	6.22
<u>COOPERATIVES</u>												
CLOVERLAND		15.12	13.32	12.42	13.11	12.19	11.74	11.01	10.57	8.92		
GREAT LAKES		15.92	13.52	12.32	12.67	11.00	11.12	10.22	9.67	6.97		
MIDWEST ENERGY		16.64	13.64	12.14	12.23	10.85	11.23	10.19	9.57	10.59		
ONTONAGON		22.24	19.84	18.64	17.79	15.77	16.18	14.47	13.43	10.76		
PRESQUE ISLE		16.15	13.15	11.65	11.35	9.85	11.48	10.33	9.64	8.23		
THUMB		15.61	13.81	12.91	13.12	12.08	14.42	13.04	12.21	9.38		
<i>AVERAGE INVESTOR OWNED</i>		14.08	12.43	11.68	13.05	11.64	11.35	10.73	9.98	8.41	7.88	7.29
<i>AVERAGE COOPERATIVE</i>		16.94	14.54	13.34	13.38	11.96	12.70	11.54	10.85	9.14		
<i>AVERAGE ALL COMPANIES</i>		15.21	13.26	12.32	13.17	11.74	11.86	11.02	10.30	8.71	7.88	7.29

Source: Michigan Public Service Commission Utility Rate Books
 Compiled by the Regulated Energy Division
 Updated 12/9/2010 to fix Cloverland Residential Calculations
 Updated 1/18/2011 to correct UPPCO Large Commercial Calculation

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
November 1, 2010**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.17	13.57	12.77	13.48	12.29	12.48	11.20	10.32	7.73	6.10	6.07
CONSUMERS ENERGY		14.30	12.60	11.75	13.20	11.56	11.94	10.45	9.56	8.96	8.24	7.66
DETROIT EDISON		15.20	13.40	13.19	13.27	11.67	11.18	11.14	10.36	8.29	7.78	7.51
EDISON SAULT ELECTRIC		10.41	9.73	9.39	11.31	10.45	10.28	10.63	10.06	9.20	9.15	9.14
AEP (I&M) ST JOSEPH		10.61	9.24	8.87	12.41	10.47	10.07	9.71	9.48	7.40	7.04	6.88
AEP (I&M) THREE RIVERS		10.75	9.63	9.07	10.15	10.08	9.62	9.08	9.55	6.98	5.38	6.38
NORTHERN STATES POWER		10.61	9.76	9.34	9.89	9.17	9.37	8.46	7.91	7.55	7.50	7.49
UPPER PENINSULA POWER		18.71	16.71	15.71	17.26	15.95	14.44	13.11	12.31	9.18	8.72	8.06
UPPER PENINSULA POWER IRON RIVER		16.39	14.39	13.39	14.10	12.78	12.92	11.93	11.34	9.18	8.72	8.06
WISCONSIN ELECTRIC		17.89	15.41	14.16	16.76	14.01	13.55	13.49	11.43	9.98	9.59	6.70
WISCONSIN PUBLIC SERVICE		11.13	9.33	8.43	10.25	8.32	8.12	8.05	8.01	7.17	6.84	6.22
<u>COOPERATIVES</u>												
CLOVERLAND		15.12	13.32	12.42	13.11	12.19	11.74	11.01	10.57	8.92		
GREAT LAKES		15.92	13.52	12.32	12.67	11.00	11.12	10.22	9.67	6.97		
MIDWEST ENERGY		16.64	13.64	12.14	12.23	10.85	11.23	10.19	9.57	10.59		
ONTONAGON		22.24	19.84	18.64	17.79	15.77	16.18	14.47	13.43	10.76		
PRESQUE ISLE		16.15	13.15	11.65	11.35	9.85	11.48	10.33	9.64	8.23		
THUMB		15.61	13.81	12.91	13.12	12.08	14.42	13.04	12.21	9.38		
AVERAGE INVESTOR OWNED		13.74	12.16	11.46	12.92	11.52	11.27	10.66	10.03	8.33	7.73	7.29
AVERAGE COOPERATIVE		16.94	14.54	13.34	13.38	11.96	12.70	11.54	10.85	9.14		
AVERAGE ALL COMPANIES		14.94	13.04	12.15	13.08	11.66	11.79	10.96	10.31	8.65	7.73	7.29

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division
updated 12/9/2010 to fix Cloverland Residential
Updated 1/18/2011 to correct UPPCO Large Commercial Calculation

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
October 1, 2010**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.17	13.57	12.77	13.48	12.28	12.48	11.20	10.32	7.73	6.10	6.07
CONSUMERS ENERGY		12.92	11.22	10.37	12.69	11.66	12.05	10.56	9.66	8.90	8.19	7.60
DETROIT EDISON		14.68	12.88	12.67	12.91	11.31	10.82	10.78	10.00	7.93	7.42	7.15
EDISON SAULT ELECTRIC		10.41	9.73	9.39	11.31	10.45	10.28	10.63	10.06	9.20	9.15	9.14
AEP (I&M) ST JOSEPH		10.61	9.24	8.87	12.41	10.47	10.07	9.71	9.48	7.40	7.04	6.88
AEP (I&M) THREE RIVERS		10.75	9.63	9.07	10.15	10.08	9.62	9.08	7.80	6.98	5.38	6.38
NORTHERN STATES POWER		10.61	9.76	9.34	9.89	9.17	9.37	8.46	7.91	7.55	7.50	7.49
UPPER PENINSULA POWER		18.71	16.71	15.71	17.26	15.95	14.44	13.11	12.31	9.18	8.72	8.06
UPPER PENINSULA POWER IRON RIVER		16.39	14.39	13.39	14.10	12.78	12.92	11.93	11.34	9.18	8.72	8.06
WISCONSIN ELECTRIC		18.07	15.50	14.21	16.88	14.04	13.56	13.51	11.46	9.99	9.60	6.71
WISCONSIN PUBLIC SERVICE		11.13	9.33	8.43	10.25	8.32	8.12	8.05	8.01	7.17	6.84	6.22
<u>COOPERATIVES</u>												
CLOVERLAND		14.52	12.72	11.71	12.39	11.47	11.18	10.46	10.02	8.50		
GREAT LAKES		15.92	13.52	12.32	12.67	11.00	11.12	10.22	9.67	6.97		
MIDWEST ENERGY		15.38	12.98	11.78	11.98	10.75	11.17	10.14	9.52	10.53		
ONTONAGON		22.24	19.84	18.64	17.79	15.77	16.18	14.47	13.43	10.76		
PRESQUE ISLE		15.10	12.70	11.50	11.35	9.85	11.48	10.33	9.64	8.23		
THUMB		15.61	13.81	12.91	13.13	12.08	14.42	13.05	12.22	9.39		
AVERAGE INVESTOR OWNED		13.59	12.00	11.29	12.85	11.50	11.25	10.64	9.85	8.29	7.70	7.25
AVERAGE COOPERATIVE		16.46	14.26	13.14	13.22	11.82	12.59	11.44	10.75	9.06		
AVERAGE ALL COMPANIES		14.69	12.85	11.98	12.98	11.60	11.74	10.92	10.17	8.60	7.70	7.25

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division
Updated 1/18/2011 to correct UPPCO Large Commercial Calculation

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
September 1, 2010**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.17	13.57	12.77	13.48	12.28	12.48	11.20	10.32	7.73	6.10	6.07
CONSUMERS ENERGY		12.92	11.22	12.78	13.79	12.77	13.74	11.96	10.89	10.06	9.38	8.85
DETROIT EDISON		14.51	12.71	12.50	12.94	11.34	10.85	10.81	10.07	8.09	7.58	7.31
EDISON SAULT ELECTRIC		10.41	9.73	9.39	11.31	10.45	10.28	10.63	10.06	9.20	9.15	9.14
AEP (I&M) ST JOSEPH		10.61	9.24	8.87	12.41	10.47	10.07	9.71	9.48	7.40	7.04	6.88
AEP (I&M) THREE RIVERS		10.75	9.63	9.07	10.15	10.08	9.62	9.08	7.80	6.98	5.38	6.38
NORTHERN STATES POWER		10.61	9.76	9.34	9.89	9.17	9.37	8.46	7.91	7.55	7.50	7.49
UPPER PENINSULA POWER		19.51	17.51	16.51	18.07	16.75	15.24	13.91	13.11	9.98	9.53	8.86
UPPER PENINSULA POWER IRON RIVER		17.19	15.19	14.19	14.90	13.58	13.72	12.74	12.15	9.98	9.53	8.86
WISCONSIN ELECTRIC		17.90	15.42	14.17	16.76	14.02	13.56	13.50	11.44	9.98	9.60	6.71
WISCONSIN PUBLIC SERVICE		11.94	10.14	9.24	11.06	9.13	8.93	8.86	8.82	7.99	7.65	7.04
<u>COOPERATIVES</u>												
CLOVERLAND		14.52	12.72	11.71	12.39	11.47	11.18	10.46	10.02	8.50		
GREAT LAKES		15.92	13.52	12.32	12.67	11.00	11.12	10.22	9.67	6.97		
MIDWEST ENERGY		15.38	12.98	11.78	11.98	10.75	11.17	10.14	9.52	10.53		
ONTONAGON		22.24	19.84	18.64	17.79	15.77	16.18	14.47	13.43	10.76		
PRESQUE ISLE		15.10	12.70	11.50	11.35	9.85	11.48	10.33	9.64	8.23		
THUMB		15.19	13.59	12.79	13.00	12.03	14.39	13.02	12.19	9.58		
AVERAGE INVESTOR OWNED		13.77	12.19	11.71	13.16	11.82	11.62	10.99	10.19	8.63	8.04	7.60
AVERAGE COOPERATIVE		16.39	14.22	13.12	13.20	11.81	12.59	11.44	10.75	9.09		
AVERAGE ALL COMPANIES		14.78	12.96	12.23	13.17	11.79	11.97	11.13	10.37	8.82	8.04	7.60

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division
Updated 1/18/2011 to correct UPPCO Large Commercial Calculation

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
August 1, 2010**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.17	13.57	12.77	13.48	12.28	12.48	11.20	10.32	7.73	6.10	6.07
CONSUMERS ENERGY		14.30	12.60	14.15	14.42	12.77	13.74	11.96	10.89	10.06	9.38	8.85
DETROIT EDISON		14.51	12.71	12.50	12.94	11.34	10.85	10.81	10.07	8.09	7.58	7.31
EDISON SAULT ELECTRIC		10.41	9.73	9.39	11.31	10.45	10.28	10.63	10.06	9.20	9.15	9.14
AEP (I&M) ST JOSEPH		10.60	9.24	8.86	12.42	10.47	10.07	9.71	9.48	7.40	7.04	6.88
AEP (I&M) THREE RIVERS		10.75	9.63	9.07	10.16	10.08	9.63	9.08	7.81	6.98	5.38	6.38
NORTHERN STATES POWER		10.61	9.76	9.34	9.89	9.17	9.37	8.46	7.91	7.55	7.50	7.49
UPPER PENINSULA POWER		19.78	17.78	16.78	18.33	17.01	15.51	14.17	13.37	10.24	9.79	9.13
UPPER PENINSULA POWER IRON RIVER		17.45	15.45	14.45	15.16	13.85	13.99	13.00	12.41	10.24	9.79	9.13
WISCONSIN ELECTRIC		18.07	15.50	14.21	16.88	14.04	13.56	13.51	11.46	9.99	9.60	6.71
WISCONSIN PUBLIC SERVICE		11.94	10.14	9.24	11.06	9.13	8.93	8.86	8.82	7.99	7.65	7.04
<u>COOPERATIVES</u>												
CLOVERLAND		14.52	12.72	11.71	12.39	11.47	11.18	10.46	10.02	8.50		
GREAT LAKES		15.67	13.27	12.07	12.67	11.00	11.12	10.22	9.67	6.97		
MIDWEST ENERGY		15.38	12.98	11.78	11.98	10.75	11.17	10.14	9.52	10.53		
ONTONAGON		22.24	19.84	18.64	17.79	15.77	16.18	14.47	13.43	10.76		
PRESQUE ISLE		15.10	12.70	11.50	11.35	9.85	11.48	10.33	9.64	8.23		
THUMB		15.19	13.59	12.79	13.00	12.03	14.39	13.02	12.19	9.58		
AVERAGE INVESTOR OWNED		13.96	12.37	11.89	13.28	11.87	11.67	11.03	10.24	8.68	8.09	7.65
AVERAGE COOPERATIVE		16.35	14.18	13.08	13.20	11.81	12.59	11.44	10.75	9.09		
AVERAGE ALL COMPANIES		14.88	13.05	12.32	13.24	11.82	12.00	11.16	10.40	8.85	8.09	7.65

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division
Updated 1/18/2011 to correct UPPCO Large Commercial Calculation

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
July 1, 2010**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.16	13.56	12.76	13.48	12.28	12.46	11.19	10.31	7.72	6.14	6.08
CONSUMERS ENERGY		13.76	12.06	13.61	14.58	13.08	13.82	12.04	10.97	10.08	9.39	8.87
DETROIT EDISON		15.08	13.28	13.07	13.35	11.75	11.26	11.22	10.48	8.50	7.99	7.72
EDISON SAULT ELECTRIC		10.41	9.73	9.39	11.31	10.45	10.28	10.63	10.06	9.20	9.15	9.14
AEP (I&M) ST JOSEPH		8.62	7.51	7.20	11.07	9.07	8.73	8.41	8.22	6.02	5.72	5.59
AEP (I&M) THREE RIVERS		8.74	7.82	7.37	9.05	8.73	8.34	7.86	7.81	5.67	5.38	5.19
NORTHERN STATES POWER		10.61	9.76	9.34	9.89	9.17	9.37	8.46	7.91	7.55	7.50	7.49
UPPER PENINSULA POWER		19.78	17.78	16.78	18.33	17.01	15.51	14.17	13.37	10.24	9.79	9.13
UPPER PENINSULA POWER IRON RIVER		17.45	15.45	14.45	15.16	13.85	13.99	13.00	12.41	10.24	9.79	9.13
WISCONSIN ELECTRIC		18.07	15.50	14.21	16.88	14.04	13.56	13.51	11.46	9.99	9.60	6.71
WISCONSIN PUBLIC SERVICE		11.94	10.14	9.24	11.06	9.13	8.93	8.86	8.82	7.99	7.65	7.04
<u>COOPERATIVES</u>												
CLOVERLAND		14.52	12.72	11.71	12.39	11.47	11.18	10.46	10.02	8.50		
GREAT LAKES		15.67	13.27	12.07	12.67	11.00	11.12	10.22	9.67	6.97		
MIDWEST ENERGY		15.38	12.98	11.78	11.98	10.75	11.17	10.14	9.52	10.53		
ONTONAGON		22.24	19.84	18.64	17.79	15.77	16.18	14.47	13.43	10.76		
PRESQUE ISLE		15.10	12.70	11.50	11.35	9.85	11.48	10.33	9.64	8.23		
THUMB		15.19	13.59	12.79	13.00	12.03	14.39	13.02	12.19	9.58		
AVERAGE INVESTOR OWNED		13.60	12.05	11.58	13.11	11.69	11.48	10.85	10.17	8.47	8.01	7.46
AVERAGE COOPERATIVE		16.35	14.18	13.08	13.20	11.81	12.59	11.44	10.75	9.09		
AVERAGE ALL COMPANIES		14.66	12.86	12.14	13.13	11.71	11.88	11.05	10.36	8.72	8.01	7.46

Source: Michigan Public Service Commission Utility Rate Books

Compiled by the Regulated Energy Division Updated 7/26/2010 to correct Consumers' PSCR/Recon Calculation

Updated 1/18/2011 to correct UPPCO Large Commercial Calculation

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
June 1, 2010**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.16	13.56	12.76	13.48	12.28	12.46	11.19	10.31	7.72	6.14	6.08
CONSUMERS ENERGY		13.51	11.81	13.37	14.23	12.73	13.48	11.69	10.63	9.73	9.05	8.52
DETROIT EDISON		14.91	13.11	12.90	13.29	11.70	11.22	11.18	10.44	8.48	7.95	7.68
EDISON SAULT ELECTRIC		10.41	9.73	9.39	11.31	10.45	10.28	10.63	10.06	9.20	9.15	9.14
AEP (I&M) ST JOSEPH		8.62	7.51	7.20	11.07	9.07	8.73	8.41	8.22	6.02	5.72	5.59
AEP (I&M) THREE RIVERS		8.74	7.82	7.37	9.05	8.73	8.34	7.86	7.81	5.67	5.38	5.19
NORTHERN STATES POWER		10.61	9.76	9.34	9.89	9.17	9.37	8.46	7.91	7.55	7.50	7.49
UPPER PENINSULA POWER		19.78	17.78	16.78	18.33	17.01	15.51	14.17	13.37	10.24	9.79	9.13
UPPER PENINSULA POWER IRON RIVER		17.45	15.45	14.45	15.16	13.85	13.99	13.00	12.41	10.24	9.79	9.13
WISCONSIN ELECTRIC		16.67	14.19	12.94	15.53	12.79	12.33	12.28	10.66	8.85	8.45	7.24
WISCONSIN PUBLIC SERVICE		11.94	10.14	9.24	11.06	9.13	8.93	8.86	8.82	7.99	7.65	7.04
<u>COOPERATIVES</u>												
CLOVERLAND		14.52	12.72	11.71	12.39	11.47	11.18	10.46	10.02	8.50		
GREAT LAKES		15.67	13.27	12.07	12.67	11.00	11.12	10.22	9.67	6.97		
MIDWEST ENERGY		15.38	12.98	11.78	11.98	10.75	11.17	10.14	9.52	10.53		
ONTONAGON		22.24	19.84	18.64	17.79	15.77	16.18	14.47	13.43	10.76		
PRESQUE ISLE		15.10	12.70	11.50	11.35	9.85	11.48	10.33	9.64	8.23		
THUMB		15.19	13.59	12.79	13.00	12.03	14.39	13.02	12.19	9.58		
AVERAGE INVESTOR OWNED		13.44	11.90	11.43	12.95	11.54	11.33	10.70	10.06	8.34	7.87	7.48
AVERAGE COOPERATIVE		16.35	14.18	13.08	13.20	11.81	12.59	11.44	10.75	9.09		
AVERAGE ALL COMPANIES		14.56	12.76	12.04	13.03	11.62	11.79	10.96	10.29	8.64	7.87	7.48

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division
Updated 1/18/2011 to correct UPPCO Large Commercial Calculation

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
May 1, 2010**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.16	13.56	12.76	13.48	12.28	12.46	11.19	10.31	7.72	6.14	6.08
CONSUMERS ENERGY		13.51	11.81	10.96	13.13	11.63	11.78	10.29	9.40	8.57	7.86	7.27
DETROIT EDISON		14.91	13.11	12.90	13.29	11.70	11.22	11.18	10.44	8.48	7.95	7.68
EDISON SAULT ELECTRIC		10.41	9.73	9.39	11.31	10.45	10.28	10.63	10.06	9.20	9.15	9.14
AEP (I&M) ST JOSEPH		8.62	7.51	7.20	11.07	9.07	8.73	8.41	8.22	6.02	5.72	5.59
AEP (I&M) THREE RIVERS		8.74	7.82	7.37	9.05	8.73	8.34	7.86	7.81	5.67	5.38	5.19
NORTHERN STATES POWER		10.61	9.76	9.34	9.89	9.17	9.37	8.46	7.91	7.55	7.50	7.49
UPPER PENINSULA POWER		19.78	17.78	16.78	18.33	17.01	15.51	14.17	13.37	10.24	9.79	9.13
UPPER PENINSULA POWER IRON RIVER		17.45	15.45	14.45	15.16	13.85	13.99	13.00	12.41	10.24	9.79	9.13
WISCONSIN ELECTRIC		16.84	14.27	12.98	15.64	12.82	12.34	12.28	10.68	8.86	8.45	7.24
WISCONSIN PUBLIC SERVICE		11.94	10.14	9.24	11.06	9.13	8.93	8.86	8.82	7.99	7.65	7.04
<u>COOPERATIVES</u>												
CLOVERLAND		14.52	12.72	11.71	12.39	11.47	11.18	10.46	10.02	8.50		
GREAT LAKES		15.67	13.27	12.07	12.67	11.00	11.12	10.22	9.67	6.97		
MIDWEST ENERGY		15.38	12.98	11.78	11.98	10.75	11.17	10.14	9.52	10.53		
ONTONAGON		22.24	19.84	18.64	17.79	15.77	16.18	14.47	13.43	10.76		
PRESQUE ISLE		15.10	12.70	11.50	11.35	9.85	11.48	10.33	9.64	8.23		
THUMB		15.19	13.59	12.79	13.00	12.03	14.39	13.02	12.19	9.58		
AVERAGE INVESTOR OWNED		13.45	11.90	11.22	12.86	11.44	11.18	10.58	9.95	8.23	7.76	7.36
AVERAGE COOPERATIVE		16.35	14.18	13.08	13.20	11.81	12.59	11.44	10.75	9.09		
AVERAGE ALL COMPANIES		14.57	12.77	11.91	12.98	11.56	11.69	10.88	10.23	8.57	7.76	7.36

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division
Updated 1/18/2011 to correct UPPCO Large Commercial Calculation

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
April 1, 2010**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.16	13.56	12.76	13.48	12.28	12.46	11.19	10.31	7.72	6.14	6.08
CONSUMERS ENERGY		14.38	12.68	11.83	14.17	12.24	12.39	10.90	10.01	9.19	8.47	7.89
DETROIT EDISON		14.91	13.11	12.90	13.29	11.70	11.22	11.18	10.44	8.48	7.95	7.68
EDISON SAULT ELECTRIC		10.41	9.73	9.39	11.31	10.45	10.28	10.63	10.06	9.20	9.15	9.14
AEP (I&M) ST JOSEPH		8.64	7.53	7.22	11.09	9.09	8.75	8.43	8.24	6.04	5.75	5.62
AEP (I&M) THREE RIVERS		8.77	7.86	7.40	9.09	8.77	8.38	7.90	7.85	5.71	5.42	5.22
NORTHERN STATES POWER		10.61	9.76	9.34	9.89	9.17	9.37	8.46	7.91	7.55	7.50	7.49
UPPER PENINSULA POWER		19.88	17.88	16.88	18.43	17.11	15.61	14.27	13.47	10.34	9.89	9.23
UPPER PENINSULA POWER IRON RIVER		17.55	15.55	14.55	15.26	13.95	14.09	13.10	12.51	10.34	9.89	9.23
WISCONSIN ELECTRIC		16.67	14.19	12.94	15.53	12.79	12.33	12.28	10.66	8.85	8.45	7.24
WISCONSIN PUBLIC SERVICE		11.94	10.14	9.24	11.06	9.13	8.93	8.86	8.82	7.99	7.65	7.04
<u>COOPERATIVES</u>												
CLOVERLAND		14.52	12.72	11.71	12.39	11.47	11.18	10.46	10.02	8.50		
GREAT LAKES		15.67	13.27	12.07	12.67	11.00	11.12	10.22	9.67	6.97		
MIDWEST ENERGY		15.38	12.98	11.78	11.98	10.75	11.17	10.14	9.52	10.53		
ONTONAGON		22.24	19.84	18.64	17.79	15.77	16.18	14.47	13.43	10.76		
PRESQUE ISLE		15.10	12.70	11.50	11.35	9.85	11.48	10.33	9.64	8.23		
THUMB		15.19	13.59	12.79	13.01	12.04	14.40	13.02	12.20	9.59		
TRI COUNTY		16.16	13.76	12.56	13.04	11.34	11.99	10.86	10.18	9.18		
AVERAGE INVESTOR OWNED		13.54	12.00	11.31	12.96	11.52	11.26	10.66	10.03	8.31	7.84	7.44
AVERAGE COOPERATIVE		16.32	14.12	13.01	13.17	11.75	12.51	11.36	10.67	9.11		
AVERAGE ALL COMPANIES		14.62	12.82	11.97	13.05	11.61	11.74	10.93	10.28	8.62	7.84	7.44

Source: Michigan Public Service Commission Utility Rate Books

Compiled by the Regulated Energy Division updated 4/6/2010 to add Consumers ERIPS to the bill calculations

Updated 1/18/2011 to correct UPPCO Large Commercial Calculation

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
March 1, 2010**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.16	13.56	12.76	13.48	12.28	12.46	11.19	10.31	7.72	6.14	6.08
CONSUMERS ENERGY		13.52	11.82	10.97	13.02	11.63	11.80	10.30	9.40	8.61	7.90	7.30
DETROIT EDISON		14.73	12.93	12.72	13.11	11.52	11.04	11.00	10.26	8.30	7.77	7.50
EDISON SAULT ELECTRIC		10.41	9.73	9.39	11.31	10.45	10.28	10.63	10.06	9.20	9.15	9.14
AEP (I&M) ST JOSEPH		8.64	7.53	7.22	11.09	9.09	8.75	8.43	8.24	6.04	5.75	5.62
AEP (I&M) THREE RIVERS		8.77	7.86	7.40	9.09	8.77	8.38	7.90	7.85	5.71	5.42	5.22
NORTHERN STATES POWER		10.61	9.76	9.34	9.89	9.17	9.37	8.46	7.91	7.55	7.50	7.49
UPPER PENINSULA POWER		19.88	17.88	16.88	18.43	17.11	15.61	14.27	13.47	10.34	9.89	9.23
UPPER PENINSULA POWER IRON RIVER		17.55	15.55	14.55	15.26	13.95	14.09	13.10	12.51	10.34	9.89	9.23
WISCONSIN ELECTRIC		15.75	13.18	11.89	14.55	11.73	11.25	11.19	9.59	8.86	8.45	7.24
WISCONSIN PUBLIC SERVICE		12.12	10.32	9.42	11.24	9.31	9.11	9.04	9.00	8.17	7.83	7.21
<u>COOPERATIVES</u>												
CLOVERLAND		14.52	12.72	11.71	12.39	11.47	11.18	10.46	10.02	8.50		
GREAT LAKES		15.67	13.27	12.07	12.67	11.00	11.12	10.22	9.67	6.97		
MIDWEST ENERGY		15.38	12.98	11.78	11.98	10.75	11.17	10.14	9.52	10.53		
ONTONAGON		22.24	19.84	18.64	17.79	15.77	16.18	14.47	13.43	10.76		
PRESQUE ISLE		15.10	12.70	11.50	11.35	9.85	11.48	10.33	9.64	8.23		
THUMB		15.19	13.59	12.79	13.01	12.04	14.40	13.02	12.20	9.59		
TRI COUNTY		16.16	13.76	12.56	13.04	11.34	11.99	10.86	10.18	9.18		
AVERAGE INVESTOR OWNED		13.38	11.83	11.14	12.77	11.36	11.10	10.50	9.87	8.26	7.79	7.39
AVERAGE COOPERATIVE		16.32	14.12	13.01	13.17	11.75	12.51	11.36	10.67	9.11		
AVERAGE ALL COMPANIES		14.52	12.72	11.87	12.93	11.51	11.65	10.83	10.18	8.59	7.79	7.39

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division
Updated 1/18/2011 to correct UPPCO Large Commercial Calculation

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
February 1, 2010**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.16	13.56	12.76	13.48	12.28	12.46	11.19	10.31	7.72	6.14	6.08
CONSUMERS ENERGY		13.52	11.82	10.97	13.02	11.63	11.80	10.30	9.40	8.61	7.90	7.30
DETROIT EDISON		14.70	12.90	12.69	13.08	11.49	11.00	10.97	10.23	8.26	7.74	7.47
EDISON SAULT ELECTRIC		10.41	9.73	9.39	11.31	10.45	10.28	10.63	10.06	9.20	9.15	9.14
AEP (I&M) ST JOSEPH		8.64	7.53	7.22	11.09	9.09	8.75	8.43	8.24	6.04	5.75	5.62
AEP (I&M) THREE RIVERS		8.77	7.86	7.40	9.09	8.77	8.38	7.90	7.85	5.71	5.42	5.22
NORTHERN STATES POWER		11.04	10.19	9.76	10.31	9.59	9.80	8.89	8.34	7.97	7.92	7.92
UPPER PENINSULA POWER		19.88	17.88	16.88	18.43	17.11	15.61	14.27	13.47	10.34	9.89	9.23
UPPER PENINSULA POWER IRON RIVER		17.55	15.55	14.55	15.26	13.95	14.09	13.10	12.51	10.34	9.89	9.23
WISCONSIN ELECTRIC		15.25	12.93	11.77	14.21	11.66	11.23	11.18	9.54	8.83	8.45	7.24
WISCONSIN PUBLIC SERVICE		12.12	10.32	9.42	11.24	9.31	9.11	9.04	9.00	8.17	7.83	7.21
<u>COOPERATIVES</u>												
CLOVERLAND		14.52	12.72	11.71	12.39	11.47	11.18	10.46	10.02	8.50		
GREAT LAKES		15.67	13.27	12.07	12.67	11.00	11.12	10.22	9.67	6.97		
MIDWEST ENERGY		15.38	12.98	11.78	11.98	10.75	11.17	10.14	9.52	10.53		
ONTONAGON		22.24	19.84	18.64	17.79	15.77	16.18	14.47	13.43	10.76		
PRESQUE ISLE		15.10	12.70	11.50	11.35	9.85	11.48	10.33	9.64	8.23		
THUMB		15.19	13.59	12.79	13.01	12.04	14.40	13.02	12.20	9.59		
TRI COUNTY		16.16	13.76	12.56	13.04	11.34	11.99	10.86	10.18	9.18		
AVERAGE INVESTOR OWNED		13.37	11.84	11.16	12.77	11.39	11.14	10.54	9.90	8.29	7.82	7.42
AVERAGE COOPERATIVE		16.32	14.12	13.01	13.17	11.75	12.51	11.36	10.67	9.11		
AVERAGE ALL COMPANIES		14.52	12.73	11.88	12.93	11.53	11.67	10.86	10.20	8.61	7.82	7.42

Source: Michigan Public Service Commission Utility Rate Books

Compiled by the Regulated Energy Division

Added WEPCo self-implementation/ Point Beach true-up 2-4-2010; removed CE Palisades 1 Recon Credit 2-5-2010; Fixed WEPCo rates 2-22-10

Updated 1/18/2011 to correct UPPCO Large Commercial Calculation

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
January 1, 2010**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		15.16	13.56	12.76	13.48	12.28	12.46	11.19	10.31	7.72	6.14	6.08
CONSUMERS ENERGY		13.43	11.73	10.88	12.93	11.54	11.71	10.21	9.31	8.52	7.80	7.21
DETROIT EDISON		14.84	13.04	12.83	13.25	11.66	11.17	11.14	10.34	8.41	7.89	7.63
EDISON SAULT ELECTRIC		10.41	9.73	9.39	11.31	10.45	10.28	10.63	10.06	9.20	9.15	9.14
AEP (I&M) ST JOSEPH		8.64	7.53	7.22	11.09	9.09	8.75	8.43	8.24	6.04	5.75	5.62
AEP (I&M) THREE RIVERS		8.77	7.86	7.40	9.09	8.77	8.38	7.90	7.85	5.71	5.42	5.22
NORTHERN STATES POWER		11.04	10.19	9.76	10.31	9.59	9.80	8.89	8.34	7.97	7.92	7.92
UPPER PENINSULA POWER		19.88	17.88	16.88	18.43	17.11	15.61	14.27	13.47	10.34	9.89	9.23
UPPER PENINSULA POWER IRON RIVER		17.55	15.55	14.55	15.26	13.95	14.09	13.10	12.51	10.34	9.89	9.23
WISCONSIN ELECTRIC		15.83	13.30	12.03	14.70	11.92	11.45	11.39	9.92	8.16	7.77	6.57
WISCONSIN PUBLIC SERVICE		12.12	10.32	9.42	11.24	9.31	9.11	9.04	9.00	8.17	7.83	7.21
<u>COOPERATIVES</u>												
CLOVERLAND		14.52	12.72	11.71	12.39	11.47	11.18	10.46	10.02	8.50		
GREAT LAKES		15.67	13.27	12.07	12.67	11.00	11.12	10.22	9.67	6.97		
MIDWEST ENERGY		15.38	12.98	11.78	11.98	10.75	11.17	10.14	9.52	10.53		
ONTONAGON		22.24	19.84	18.64	17.79	15.77	16.18	14.47	13.43	10.76		
PRESQUE ISLE		14.32	11.92	10.72	10.58	9.08	10.71	9.55	8.86	7.46		
THUMB		15.19	13.59	12.79	13.01	12.04	14.40	13.02	12.20	9.59		
TRI COUNTY		16.16	13.76	12.56	13.04	11.34	11.99	10.86	10.18	9.18		
AVERAGE INVESTOR OWNED		13.42	11.88	11.19	12.83	11.43	11.16	10.56	9.94	8.23	7.77	7.37
AVERAGE COOPERATIVE		16.21	14.01	12.90	13.06	11.64	12.39	11.25	10.56	9.00		
AVERAGE ALL COMPANIES		14.51	12.71	11.86	12.92	11.51	11.64	10.83	10.18	8.53	7.77	7.37

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division
Updated 1/18/2011 to correct UPPCO Large Commercial Calculation

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
December 1, 2009**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.49	13.04	12.32	13.48	12.10	11.74	10.56	9.76	7.88	6.53	6.46
CONSUMERS ENERGY		12.79	11.09	10.24	12.29	10.91	11.07	9.58	8.68	7.86	7.17	6.58
DETROIT EDISON		14.91	13.11	12.90	12.97	11.38	10.89	10.86	10.05	8.13	7.61	7.35
EDISON SAULT ELECTRIC		9.20	8.52	8.18	10.11	9.24	9.08	9.42	8.86	7.99	7.94	7.94
AEP (I&M) ST JOSEPH		7.75	6.64	6.33	10.20	8.20	7.86	7.54	7.35	5.15	4.85	4.72
AEP (I&M) THREE RIVERS		8.61	7.70	7.24	8.92	8.61	8.21	7.74	7.69	5.54	5.26	5.06
NORTHERN STATES POWER		9.93	9.08	8.66	9.21	8.49	8.69	7.78	7.23	6.87	6.82	6.81
UPPER PENINSULA POWER		18.10	16.50	15.70	17.46	16.30	16.27	14.21	12.97	9.96	9.82	9.80
UPPER PENINSULA POWER IRON RIVER		15.57	13.97	13.17	13.71	12.55	13.46	12.30	11.60	10.82	10.73	10.72
WISCONSIN ELECTRIC		15.05	13.13	12.17	13.46	12.02	11.81	11.78	10.31	8.56	8.21	7.01
WISCONSIN PUBLIC SERVICE		12.22	10.42	9.52	11.34	9.41	9.20	9.14	9.09	8.26	7.93	7.31
<u>COOPERATIVES</u>												
CLOVERLAND		13.79	11.99	10.98	11.66	10.74	10.45	9.73	9.29	7.77		
GREAT LAKES		15.01	12.61	11.41	12.00	10.33	10.46	9.55	9.01	6.30		
MIDWEST ENERGY		15.03	12.63	11.43	11.63	10.40	10.82	9.79	9.17	10.18		
ONTONAGON		23.86	21.46	20.26	19.41	17.39	17.81	16.09	15.06	12.38		
PRESQUE ISLE		14.22	11.82	10.62	10.48	8.98	10.61	9.45	8.76	7.36		
THUMB		14.25	12.65	11.85	12.06	11.10	13.46	12.08	11.26	8.65		
TRI COUNTY		15.69	13.29	12.09	12.57	10.87	11.52	10.39	9.71	8.71		
<i>AVERAGE INVESTOR OWNED</i>		12.60	11.20	10.58	12.10	10.84	10.75	10.08	9.42	7.91	7.53	7.25
<i>AVERAGE COOPERATIVE</i>		15.98	13.78	12.66	12.83	11.40	12.16	11.01	10.32	8.76		
<i>AVERAGE ALL COMPANIES</i>		13.91	12.20	11.39	12.39	11.06	11.30	10.44	9.77	8.24	7.53	7.25

Source: Michigan Public Service Commission Utility Rate Books

Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
November 13, 2009**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.49	13.04	12.32	13.48	12.10	11.74	10.56	9.76	7.88	6.53	6.46
CONSUMERS ENERGY		13.03	11.33	10.48	12.53	11.14	11.30	9.81	8.91	8.09	7.40	6.81
DETROIT EDISON		14.91	13.11	12.90	12.97	11.38	10.89	10.86	10.06	8.13	7.61	7.35
EDISON SAULT ELECTRIC		9.20	8.52	8.18	10.11	9.24	9.08	9.42	8.86	7.99	7.94	7.94
AEP (I&M) ST JOSEPH		7.75	6.64	6.33	10.20	8.20	7.86	7.54	7.35	5.15	4.85	4.72
AEP (I&M) THREE RIVERS		8.61	7.70	7.24	8.92	8.61	8.21	7.74	7.69	5.54	5.26	5.06
NORTHERN STATES POWER		9.93	9.08	8.66	9.21	8.49	8.69	7.78	7.23	6.87	6.82	6.81
UPPER PENINSULA POWER		18.10	16.50	15.70	17.46	16.30	16.27	14.21	12.97	9.96	9.82	9.80
UPPER PENINSULA POWER IRON RIVER		15.57	13.97	13.17	13.71	12.55	13.46	12.30	11.60	10.82	10.73	10.72
WISCONSIN ELECTRIC		15.05	13.13	12.17	13.45	12.02	11.81	11.78	10.31	8.56	8.21	7.01
WISCONSIN PUBLIC SERVICE		12.22	10.42	9.52	11.34	9.41	9.20	9.14	9.09	8.26	7.93	7.31
<u>COOPERATIVES</u>												
CLOVERLAND		13.91	12.11	10.98	11.66	10.74	10.45	9.73	9.29	7.77		
GREAT LAKES		15.01	12.61	11.41	12.00	10.33	10.46	9.55	9.01	6.30		
MIDWEST ENERGY		15.03	12.63	11.43	11.63	10.40	10.82	9.79	9.17	10.18		
ONTONAGON		23.86	21.46	20.26	19.41	17.39	17.81	16.09	15.06	12.38		
PRESQUE ISLE		14.66	12.26	11.06	10.91	9.42	11.05	9.89	9.20	7.80		
THUMB		14.25	12.65	11.85	12.06	11.10	13.46	12.08	11.26	8.65		
TRI COUNTY		15.69	13.29	12.09	12.57	10.87	11.52	10.39	9.71	8.71		
AVERAGE INVESTOR OWNED		12.62	11.22	10.61	12.12	10.86	10.78	10.10	9.44	7.93	7.55	7.27
AVERAGE COOPERATIVE		16.06	13.86	12.73	12.89	11.46	12.22	11.07	10.39	8.83		
AVERAGE ALL COMPANIES		13.96	12.25	11.43	12.42	11.09	11.34	10.48	9.81	8.28	7.55	7.27

Source: Michigan Public Service Commission Utility Rate Books

Compiled by the Regulated Energy Division

Corrected Presque Isle PSCR 12/1/2009

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
November 1, 2009**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.49	13.04	12.32	13.48	12.10	11.74	10.56	9.76	7.88	6.53	6.46
CONSUMERS ENERGY		13.36	11.66	10.81	12.65	11.26	11.02	9.53	8.64	7.41	6.96	6.73
DETROIT EDISON		14.91	13.11	12.90	12.97	11.38	10.89	10.86	10.06	8.13	7.61	7.35
EDISON SAULT ELECTRIC		9.20	8.52	8.18	10.11	9.24	9.08	9.42	8.86	7.99	7.94	7.94
AEP (I&M) ST JOSEPH		7.75	6.64	6.33	10.20	8.20	7.86	7.54	7.35	5.15	4.85	4.72
AEP (I&M) THREE RIVERS		8.61	7.70	7.24	8.92	8.61	8.21	7.74	7.69	5.54	5.26	5.06
NORTHERN STATES POWER		9.93	9.08	8.66	9.21	8.49	8.69	7.78	7.23	6.87	6.82	6.81
UPPER PENINSULA POWER		18.10	16.50	15.70	17.46	16.30	16.27	14.21	12.97	9.96	9.82	9.80
UPPER PENINSULA POWER IRON RIVER		15.57	13.97	13.17	13.71	12.55	13.46	12.30	11.60	10.82	10.73	10.72
WISCONSIN ELECTRIC		15.05	13.13	12.17	13.45	12.02	11.81	11.78	10.31	8.56	8.21	7.01
WISCONSIN PUBLIC SERVICE		12.22	10.42	9.52	11.34	9.41	9.20	9.14	9.09	8.26	7.93	7.31
<u>COOPERATIVES</u>												
CLOVERLAND		13.91	12.11	10.98	11.66	10.74	10.45	9.73	9.29	7.77		
GREAT LAKES		15.01	12.61	11.41	12.00	10.33	10.46	9.55	9.01	6.30		
MIDWEST ENERGY		15.03	12.63	11.43	11.63	10.40	10.82	9.79	9.17	10.18		
ONTONAGON		23.86	21.46	20.26	19.41	17.39	17.81	16.09	15.06	12.38		
PRESQUE ISLE		14.66	12.26	11.06	10.91	9.42	11.05	9.89	9.20	7.80		
THUMB		14.25	12.65	11.85	12.06	11.10	13.46	12.08	11.26	8.65		
TRI COUNTY		15.69	13.29	12.09	12.57	10.87	11.52	10.39	9.71	8.71		
AVERAGE INVESTOR OWNED		12.65	11.25	10.64	12.14	10.87	10.75	10.08	9.41	7.87	7.51	7.27
AVERAGE COOPERATIVE		16.06	13.86	12.73	12.89	11.46	12.22	11.07	10.39	8.83		
AVERAGE ALL COMPANIES		13.98	12.27	11.45	12.43	11.10	11.32	10.47	9.79	8.24	7.51	7.27

Source: Michigan Public Service Commission Utility Rate Books

Compiled by the Regulated Energy Division

Corrected Presque Isle PSCR 12/1/2009

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
October 1, 2009**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.49	13.04	12.32	13.48	12.10	11.74	10.56	9.76	7.88	6.53	6.46
CONSUMERS ENERGY		13.40	11.70	10.85	12.69	11.30	11.06	9.57	8.68	7.45	7.00	6.77
DETROIT EDISON		14.91	13.11	12.90	12.98	11.39	10.91	10.87	10.07	8.14	7.63	7.36
EDISON SAULT ELECTRIC		9.81	9.13	8.79	10.71	9.85	9.68	10.02	9.46	8.59	8.55	8.54
AEP (I&M) ST JOSEPH		7.75	6.64	6.33	10.20	8.20	7.86	7.54	7.35	5.15	4.85	4.72
AEP (I&M) THREE RIVERS		8.61	7.70	7.24	8.92	8.61	8.21	7.74	7.69	5.54	5.26	5.06
NORTHERN STATES POWER		9.93	9.08	8.66	9.21	8.49	8.69	7.78	7.23	6.87	6.82	6.81
UPPER PENINSULA POWER		18.10	16.50	15.70	17.46	16.30	16.27	14.21	12.97	9.96	9.82	9.80
UPPER PENINSULA POWER IRON RIVER		15.57	13.97	13.17	13.71	12.55	13.46	12.30	11.60	10.82	10.73	10.72
WISCONSIN ELECTRIC		15.05	13.13	12.17	13.46	12.02	11.81	11.78	10.31	8.56	8.21	7.01
WISCONSIN PUBLIC SERVICE		12.22	10.42	9.52	11.34	9.41	9.20	9.14	9.09	8.26	7.93	7.31
<u>COOPERATIVES</u>												
CLOVERLAND		13.91	12.11	10.98	11.66	10.74	10.45	9.73	9.29	7.77		
GREAT LAKES		15.01	12.61	11.41	12.00	10.33	10.46	9.55	9.01	6.30		
MIDWEST ENERGY		15.03	12.63	11.43	11.63	10.40	10.82	9.79	9.17	10.18		
ONTONAGON		23.86	21.46	20.26	19.41	17.39	17.81	16.09	15.06	12.38		
PRESQUE ISLE		14.66	12.26	11.06	10.91	9.42	11.05	9.89	9.20	7.80		
THUMB		14.25	12.65	11.85	12.06	11.10	13.46	12.08	11.26	8.65		
TRI COUNTY		15.35	12.95	11.75	12.56	10.85	11.52	10.39	9.71	8.71		
AVERAGE INVESTOR OWNED		12.71	11.31	10.69	12.20	10.93	10.81	10.14	9.47	7.93	7.57	7.33
AVERAGE COOPERATIVE		16.01	13.81	12.68	12.89	11.46	12.22	11.07	10.39	8.83		
AVERAGE ALL COMPANIES		13.99	12.28	11.47	12.47	11.14	11.36	10.50	9.83	8.28	7.57	7.33

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
September 1, 2009**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		14.49	13.04	12.32	13.48	12.10	11.74	10.56	9.76	7.88	6.53	6.46
CONSUMERS ENERGY		13.57	11.87	12.50	14.07	12.68	12.97	11.27	10.24	9.17	8.71	8.48
DETROIT EDISON		14.91	13.11	12.90	12.98	11.39	10.91	10.87	10.07	8.14	7.63	7.36
EDISON SAULT ELECTRIC		9.81	9.13	8.79	10.71	9.85	9.68	10.02	9.46	8.59	8.55	8.54
AEP (I&M) ST JOSEPH		7.75	6.64	6.33	10.20	8.20	7.86	7.54	7.35	5.15	4.85	4.72
AEP (I&M) THREE RIVERS		8.61	7.70	7.24	8.92	8.61	8.21	7.74	7.69	5.54	5.26	5.06
NORTHERN STATES POWER		9.93	9.08	8.66	9.21	8.49	8.69	7.78	7.23	6.87	6.82	6.81
UPPER PENINSULA POWER		18.10	16.50	15.70	17.46	16.30	16.27	14.21	12.97	9.96	9.82	9.80
UPPER PENINSULA POWER IRON RIVER		15.57	13.97	13.17	13.71	12.55	13.46	12.30	11.60	10.82	10.73	10.72
WISCONSIN ELECTRIC		14.78	12.86	11.90	13.19	11.75	11.54	11.51	10.04	8.29	7.94	6.74
WISCONSIN PUBLIC SERVICE		12.22	10.42	9.52	11.34	9.41	9.20	9.14	9.09	8.26	7.93	7.31
<u>COOPERATIVES</u>												
ALGER DELTA		20.35	17.95	16.75	16.97	17.43	16.52	15.32	14.60	14.02		
CLOVERLAND		13.91	12.11	10.98	11.66	10.74	10.45	9.73	9.29	7.77		
GREAT LAKES		15.01	12.61	11.41	12.00	10.33	10.46	9.55	9.01	6.30		
MIDWEST ENERGY		15.03	12.63	11.43	11.63	10.40	10.82	9.79	9.17	10.24		
ONTONAGON		23.86	21.46	20.26	19.41	17.39	17.81	16.09	15.06	12.38		
PRESQUE ISLE		14.49	12.09	10.89	10.91	9.42	11.05	9.89	9.20	7.80		
THUMB		14.25	12.65	11.85	12.06	11.10	13.46	12.08	11.26	8.65		
TRI COUNTY		15.35	12.95	11.75	12.56	10.85	11.52	10.39	9.71	8.69		
<i>AVERAGE INVESTOR OWNED</i>		12.70	11.30	10.82	12.30	11.03	10.96	10.27	9.59	8.06	7.71	7.46
<i>AVERAGE COOPERATIVE</i>		16.53	14.30	13.16	13.40	12.21	12.76	11.60	10.91	9.48		
<i>AVERAGE ALL COMPANIES</i>		14.31	12.57	11.81	12.76	11.53	11.72	10.83	10.15	8.66	7.71	7.46

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
August 1, 2009**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		13.29	12.44	12.02	12.57	11.92	11.66	10.51	9.71	7.83	6.52	6.46
CONSUMERS ENERGY		12.70	11.50	12.38	13.75	12.45	12.94	11.25	10.24	9.17	8.75	8.52
DETROIT EDISON		13.71	12.51	12.60	11.78	11.06	10.83	10.81	10.02	8.10	7.62	7.36
EDISON SAULT ELECTRIC		9.81	9.13	8.79	10.71	9.85	9.68	10.02	9.46	8.59	8.55	8.54
AEP (I&M) ST JOSEPH		7.75	6.64	6.33	10.20	8.20	7.86	7.54	7.35	5.15	4.85	4.72
AEP (I&M) THREE RIVERS		8.61	7.70	7.24	8.92	8.61	8.21	7.74	7.69	5.54	5.26	5.06
NORTHERN STATES POWER		9.93	9.08	8.66	9.21	8.49	8.69	7.78	7.23	6.87	6.82	6.81
UPPER PENINSULA POWER		18.10	16.50	15.70	17.46	16.30	16.27	14.21	12.97	9.96	9.82	9.80
UPPER PENINSULA POWER IRON RIVER		15.57	13.97	13.17	13.71	12.55	13.46	12.30	11.60	10.82	10.73	10.72
WISCONSIN ELECTRIC		14.78	12.86	11.90	13.19	11.75	11.54	11.51	10.04	8.29	7.94	6.74
WISCONSIN PUBLIC SERVICE		12.22	10.42	9.52	11.34	9.41	9.20	9.14	9.09	8.26	7.93	7.31
<u>COOPERATIVES</u>												
ALGER DELTA		20.35	17.95	16.75	16.97	17.43	16.52	15.32	14.60	14.02		
CHERRYLAND		14.65	12.25	11.05	10.88	9.55	10.75	9.46	8.69	7.56		
CLOVERLAND		13.91	12.11	10.98	11.66	10.74	10.45	9.73	9.29	7.77		
GREAT LAKES		15.01	12.61	11.41	12.00	10.33	10.46	9.55	9.01	6.30		
MIDWEST ENERGY		15.03	12.63	11.43	11.63	10.40	10.82	9.79	9.17	10.24		
ONTONAGON		23.86	21.46	20.26	19.41	17.39	17.81	16.09	15.06	12.38		
PRESQUE ISLE		14.49	12.09	10.89	10.91	9.42	11.05	9.89	9.20	7.80		
THUMB		14.25	12.65	11.85	12.07	11.10	13.46	12.08	11.26	8.65		
TRI COUNTY		15.35	12.95	11.75	12.56	10.85	11.52	10.39	9.71	8.69		
<i>AVERAGE INVESTOR OWNED</i>		12.41	11.16	10.76	12.08	10.96	10.94	10.26	9.58	8.05	7.71	7.46
<i>AVERAGE COOPERATIVE</i>		16.32	14.08	12.93	13.12	11.91	12.54	11.37	10.67	9.27		
<i>AVERAGE ALL COMPANIES</i>		14.17	12.47	11.73	12.55	11.39	11.66	10.76	10.07	8.60	7.71	7.46

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
July 1, 2009**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		13.29	12.44	12.02	12.57	11.92	11.66	10.51	9.71	7.83	6.52	6.46
CONSUMERS ENERGY		12.68	11.48	12.36	13.73	12.43	12.92	11.23	10.22	9.15	8.73	8.50
DETROIT EDISON		13.38	12.18	12.27	11.81	11.09	10.86	10.84	10.21	8.46	7.98	7.72
EDISON SAULT ELECTRIC		9.69	9.01	8.67	10.71	9.85	9.68	10.02	9.46	8.59	8.55	8.54
AEP (I&M) ST JOSEPH		7.75	6.64	6.33	10.20	8.20	7.86	7.54	7.35	5.11	4.85	4.72
AEP (I&M) THREE RIVERS		8.61	7.70	7.24	8.92	8.61	8.21	7.74	7.69	5.54	5.26	5.06
NORTHERN STATES POWER		11.18	10.33	9.91	10.46	9.74	9.94	9.03	8.48	8.12	8.07	8.06
UPPER PENINSULA POWER		17.70	16.10	15.30	17.06	15.90	15.87	13.81	12.57	9.56	9.42	9.40
UPPER PENINSULA POWER IRON RIVER		15.17	13.57	12.77	13.31	12.15	13.06	11.90	11.20	10.42	10.33	10.32
WISCONSIN ELECTRIC		14.78	12.86	11.90	13.19	11.75	11.54	11.51	10.04	8.29	7.94	6.74
WISCONSIN PUBLIC SERVICE		12.22	10.42	9.52	11.34	9.41	9.20	9.14	9.09	8.26	7.93	7.31
<u>COOPERATIVES</u>												
ALGER DELTA		20.35	17.95	16.75	16.97	17.43	16.52	15.32	14.60	14.02		
CHERRYLAND		14.65	12.25	11.05	10.88	9.55	10.75	9.46	8.69	7.56		
CLOVERLAND		13.91	12.11	10.98	11.66	10.74	10.45	9.73	9.29	7.77		
GREAT LAKES		15.01	12.61	11.41	12.00	10.33	10.46	9.55	9.01	6.30		
MIDWEST ENERGY		15.03	12.63	11.43	11.63	10.40	10.82	9.79	9.17	10.24		
ONTONAGON		23.86	21.46	20.26	19.41	17.39	17.81	16.09	15.06	12.38		
PRESQUE ISLE		14.49	12.09	10.89	10.91	9.42	11.05	9.89	9.20	7.80		
THUMB		14.25	12.65	11.85	12.07	11.10	13.46	12.08	11.26	8.65		
TRI COUNTY		15.35	12.95	11.75	12.56	10.85	11.52	10.39	9.71	8.69		
<i>AVERAGE INVESTOR OWNED</i>		12.40	11.16	10.75	12.12	11.00	10.98	10.30	9.64	8.12	7.78	7.53
<i>AVERAGE COOPERATIVE</i>		16.32	14.08	12.93	13.12	11.91	12.54	11.37	10.67	9.27		
<i>AVERAGE ALL COMPANIES</i>		14.17	12.47	11.73	12.57	11.41	11.68	10.78	10.10	8.64	7.78	7.53

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
June 1, 2009**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		13.05	12.20	11.78	12.33	11.79	11.46	10.33	9.55	7.69	6.35	6.34
CONSUMERS ENERGY		12.65	11.45	12.34	14.14	12.40	12.89	11.20	10.19	9.12	8.70	8.48
DETROIT EDISON		13.27	12.07	12.17	11.67	10.65	10.51	10.50	9.88	8.08	7.66	7.40
EDISON SAULT ELECTRIC		10.17	9.49	9.15	10.85	10.26	10.14	10.09	9.61	9.04	9.02	9.02
AEP (I&M) ST JOSEPH		7.67	6.56	6.25	9.92	8.15	7.85	7.53	7.34	5.11	4.85	4.72
AEP (I&M) THREE RIVERS		8.53	7.62	7.16	8.65	8.55	8.20	7.73	7.25	5.51	5.25	5.06
NORTHERN STATES POWER		11.05	10.20	9.78	10.31	9.71	9.88	8.98	8.44	8.10	8.06	8.06
UPPER PENINSULA POWER		17.49	15.89	15.09	16.81	15.85	15.75	13.72	12.50	9.46	9.41	9.40
UPPER PENINSULA POWER IRON RIVER		14.96	13.36	12.56	13.06	12.10	12.94	11.80	11.12	10.32	10.32	10.32
WISCONSIN ELECTRIC		14.65	12.73	11.77	12.87	11.69	11.53	11.50	9.85	8.22	7.93	6.74
WISCONSIN PUBLIC SERVICE		12.09	10.29	9.39	11.13	9.37	9.08	9.04	9.02	8.20	7.92	7.31
<u>COOPERATIVES</u>												
ALGER DELTA		20.13	17.73	16.53	16.77	16.72	16.35	15.20	14.50	14.01		
CHERRYLAND		14.51	12.11	10.91	10.72	9.52	10.63	9.37	8.62	7.44		
CLOVERLAND		13.77	11.97	10.85	11.51	10.71	10.20	9.54	9.14	7.75		
GREAT LAKES		15.13	12.73	11.53	11.99	10.55	10.72	9.82	9.28	6.45		
MIDWEST ENERGY		14.90	12.50	11.30	11.49	10.37	10.68	9.68	9.08	9.91		
ONTONAGON		23.62	21.22	20.02	19.19	17.35	17.74	16.04	15.01	12.36		
PRESQUE ISLE		14.32	11.92	10.72	10.64	9.36	10.84	9.74	9.08	7.70		
THUMB		14.12	12.52	11.72	11.86	11.06	12.91	11.67	10.93	8.61		
TRI COUNTY		15.20	12.80	11.60	12.43	10.83	11.38	10.29	9.63	8.49		
<i>AVERAGE INVESTOR OWNED</i>		12.33	11.08	10.67	11.98	10.96	10.93	10.22	9.52	8.08	7.77	7.53
<i>AVERAGE COOPERATIVE</i>		16.19	13.94	12.80	12.96	11.83	12.38	11.26	10.59	9.19		
<i>AVERAGE ALL COMPANIES</i>		14.06	12.37	11.63	12.42	11.35	11.58	10.69	10.00	8.58	7.77	7.53

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
May 1, 2009**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		13.05	12.20	11.78	12.33	11.79	11.46	10.33	9.55	7.69	6.35	6.34
CONSUMERS ENERGY		12.05	10.85	10.25	11.95	10.64	10.91	9.48	8.62	7.64	7.31	7.09
DETROIT EDISON		13.27	12.07	12.17	11.67	10.97	10.83	10.82	10.20	8.39	7.97	7.72
EDISON SAULT ELECTRIC		10.17	9.49	9.15	10.85	10.26	10.14	10.09	9.61	9.04	9.02	9.02
AEP (I&M) ST JOSEPH		7.67	6.56	6.25	9.92	8.15	7.85	7.53	7.34	5.11	4.85	4.72
AEP (I&M) THREE RIVERS		8.53	7.62	7.16	8.65	8.55	8.20	7.73	7.25	5.51	5.25	5.06
NORTHERN STATES POWER		11.05	10.20	9.78	10.31	9.71	9.88	8.98	8.44	8.10	8.06	8.06
UPPER PENINSULA POWER		17.49	15.89	15.09	16.81	15.85	15.75	13.72	12.50	9.46	9.41	9.40
UPPER PENINSULA POWER IRON RIVER		14.96	13.36	12.56	13.06	12.10	12.94	11.80	11.12	10.32	10.32	10.32
WISCONSIN ELECTRIC		12.87	10.95	9.99	11.09	9.91	9.75	9.71	8.07	6.44	6.15	4.96
WISCONSIN PUBLIC SERVICE		12.09	10.29	9.39	11.13	9.37	9.08	9.04	9.02	8.20	7.92	7.31
<u>COOPERATIVES</u>												
ALGER DELTA		20.13	17.73	16.53	16.77	16.72	16.35	15.20	14.50	14.01		
CHERRYLAND		14.51	12.11	10.91	10.72	9.52	10.63	9.37	8.62	7.44		
CLOVERLAND		13.77	11.97	10.85	11.51	10.71	10.20	9.54	9.14	7.75		
GREAT LAKES		15.13	12.73	11.53	11.99	10.55	10.72	9.82	9.28	6.45		
MIDWEST ENERGY		14.90	12.50	11.30	11.49	10.37	10.68	9.68	9.08	9.91		
ONTONAGON		23.62	21.22	20.02	19.19	17.35	17.74	16.04	15.01	12.36		
PRESQUE ISLE		14.32	11.92	10.72	10.64	9.36	10.84	9.74	9.08	7.70		
THUMB		14.12	12.52	11.72	11.86	11.06	12.91	11.67	10.93	8.61		
TRI COUNTY		15.20	12.80	11.60	12.43	10.83	11.38	10.29	9.63	8.49		
<i>AVERAGE INVESTOR OWNED</i>		12.11	10.86	10.32	11.62	10.66	10.62	9.93	9.25	7.81	7.51	7.27
<i>AVERAGE COOPERATIVE</i>		16.19	13.94	12.80	12.96	11.83	12.38	11.26	10.59	9.19		
<i>AVERAGE ALL COMPANIES</i>		13.94	12.25	11.44	12.22	11.19	11.41	10.53	9.85	8.43	7.51	7.27

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
April 1, 2009**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		13.05	12.20	11.78	12.33	11.79	11.46	10.33	9.55	7.69	6.35	6.34
CONSUMERS ENERGY		12.23	11.03	10.43	12.13	10.82	11.09	9.66	8.80	7.82	7.49	7.28
DETROIT EDISON		13.27	12.07	12.17	10.29	10.42	10.29	10.28	9.65	7.85	7.43	7.18
EDISON SAULT ELECTRIC		10.17	9.49	9.15	10.85	10.26	10.14	10.09	9.61	9.04	9.02	9.02
AEP (I&M) ST JOSEPH		7.67	6.56	6.25	9.92	8.15	7.85	7.53	7.34	5.11	4.85	4.72
AEP (I&M) THREE RIVERS		8.53	7.62	7.16	8.65	8.55	8.20	7.73	7.25	5.51	5.25	5.06
NORTHERN STATES POWER		11.05	10.20	9.78	10.31	9.71	9.88	8.98	8.44	8.10	8.06	8.06
UPPER PENINSULA POWER		17.89	16.29	15.49	17.21	16.25	16.15	14.12	12.90	9.86	9.81	9.80
UPPER PENINSULA POWER IRON RIVER		15.36	13.76	12.96	13.46	12.50	13.34	12.20	11.52	10.72	10.72	10.72
WISCONSIN ELECTRIC		12.87	10.95	9.99	11.09	9.91	9.75	9.71	8.07	6.44	6.15	4.96
WISCONSIN PUBLIC SERVICE		12.09	10.29	9.39	11.13	9.37	9.08	9.04	9.02	8.20	7.92	7.31
<u>COOPERATIVES</u>												
ALGER DELTA		20.13	17.73	16.53	16.77	16.72	16.35	15.20	14.50	14.01		
CHERRYLAND		14.51	12.11	10.91	10.72	9.52	10.63	9.37	8.62	7.44		
CLOVERLAND		13.77	11.97	10.85	11.51	10.71	10.20	9.54	9.14	7.75		
GREAT LAKES		15.13	12.73	11.53	11.99	10.55	10.72	9.82	9.28	6.45		
MIDWEST ENERGY		14.90	12.50	11.30	11.49	10.37	10.68	9.68	9.08	9.91		
ONTONAGON		23.62	21.22	20.02	19.19	17.35	17.74	16.04	15.01	12.36		
PRESQUE ISLE		14.32	11.92	10.72	10.64	9.36	10.84	9.74	9.08	7.70		
THUMB		14.12	12.52	11.72	11.86	11.06	12.91	11.67	10.93	8.61		
TRI COUNTY		15.20	12.80	11.60	12.43	10.83	11.38	10.29	9.63	8.49		
<i>AVERAGE INVESTOR OWNED</i>		12.20	10.95	10.41	11.58	10.70	10.66	9.97	9.29	7.85	7.55	7.31
<i>AVERAGE COOPERATIVE</i>		16.19	13.94	12.80	12.96	11.83	12.38	11.26	10.59	9.19		
<i>AVERAGE ALL COMPANIES</i>		13.99	12.30	11.48	12.20	11.21	11.43	10.55	9.87	8.45	7.55	7.31

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
March 1, 2009**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		13.05	12.20	11.78	12.33	11.79	11.46	10.33	9.55	7.69	6.35	6.34
CONSUMERS ENERGY		12.50	11.30	10.70	12.30	10.99	11.26	9.83	8.97	7.99	7.66	7.44
DETROIT EDISON		10.72	10.72	11.41	11.51	10.81	10.67	10.66	10.04	8.24	7.82	7.56
EDISON SAULT ELECTRIC		10.17	9.49	9.15	10.85	10.26	10.14	10.09	9.61	9.04	9.02	9.02
AEP (I&M) ST JOSEPH		7.67	6.56	6.25	9.92	8.15	7.85	7.53	7.34	5.11	4.85	4.72
AEP (I&M) THREE RIVERS		8.53	7.62	7.16	8.65	8.55	8.20	7.73	7.25	5.51	5.25	5.06
NORTHERN STATES POWER		11.05	10.20	9.78	10.31	9.71	9.88	8.98	8.44	8.10	8.06	8.06
UPPER PENINSULA POWER		17.89	16.29	15.49	17.21	16.25	16.15	14.12	12.90	9.86	9.81	9.80
UPPER PENINSULA POWER IRON RIVER		15.36	13.76	12.96	13.46	12.50	13.34	12.20	11.52	10.72	10.72	10.72
WISCONSIN ELECTRIC		13.34	11.42	10.46	11.56	11.95	10.08	10.08	8.54	6.91	6.62	5.43
WISCONSIN PUBLIC SERVICE		12.09	10.29	9.39	11.13	9.37	9.08	9.04	9.02	8.20	7.92	7.31
<u>COOPERATIVES</u>												
ALGER DELTA		20.13	17.73	16.53	16.77	16.72	16.35	15.20	14.50	14.01		
CHERRYLAND		14.36	11.96	10.76	10.56	9.36	10.47	9.22	8.46	7.29		
CLOVERLAND		13.77	11.97	10.85	11.51	10.71	10.20	9.54	9.14	7.75		
GREAT LAKES		15.13	12.73	11.53	11.99	10.55	10.72	9.82	9.28	6.45		
MIDWEST ENERGY		14.90	12.50	11.30	11.49	10.37	10.68	9.68	9.08	9.91		
ONTONAGON		23.62	21.22	20.02	19.19	17.35	17.74	16.04	15.01	12.36		
PRESQUE ISLE		14.32	11.92	10.72	10.64	9.36	10.84	9.74	9.08	7.70		
THUMB		14.12	12.52	11.72	11.86	11.06	12.91	11.67	10.93	8.61		
TRI COUNTY		15.20	12.80	11.60	12.43	10.83	11.38	10.29	9.63	8.49		
<i>AVERAGE INVESTOR OWNED</i>		12.03	10.89	10.41	11.75	10.94	10.74	10.05	9.38	7.94	7.64	7.41
<i>AVERAGE COOPERATIVE</i>		16.17	13.93	12.78	12.94	11.81	12.37	11.24	10.57	9.18		
<i>AVERAGE ALL COMPANIES</i>		13.89	12.26	11.48	12.28	11.33	11.47	10.59	9.91	8.50	7.64	7.41

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
February 1, 2009**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		13.05	12.20	11.78	12.33	11.79	11.46	10.33	9.55	7.69	6.35	6.34
CONSUMERS ENERGY		12.75	11.55	10.95	12.56	11.25	11.52	10.09	9.23	8.25	7.92	7.70
DETROIT EDISON		10.72	10.72	11.41	11.51	10.81	10.67	10.66	10.04	8.24	7.82	7.56
EDISON SAULT ELECTRIC		10.31	9.63	9.29	10.99	10.40	10.28	10.23	9.75	9.19	9.16	9.16
AEP (I&M) ST JOSEPH		7.67	6.56	6.25	9.92	8.15	7.85	7.53	7.34	5.11	4.85	4.72
AEP (I&M) THREE RIVERS		8.53	7.62	7.16	8.65	8.55	8.20	7.73	7.25	5.51	5.25	5.06
NORTHERN STATES POWER		11.23	10.38	9.95	10.49	9.89	10.06	9.16	8.62	8.28	8.24	8.24
UPPER PENINSULA POWER		17.89	16.29	15.49	17.21	16.25	16.15	14.12	12.90	9.86	9.81	9.80
UPPER PENINSULA POWER IRON RIVER		15.36	13.76	12.96	13.46	12.50	13.34	12.20	11.52	10.72	10.72	10.72
WISCONSIN ELECTRIC		13.36	11.44	10.48	11.58	11.96	10.10	10.10	8.55	6.92	6.64	5.45
WISCONSIN PUBLIC SERVICE		12.09	10.29	9.39	11.13	9.37	9.08	9.04	9.02	8.20	7.92	7.31
<u>COOPERATIVES</u>												
ALGER DELTA		20.13	17.73	16.53	16.77	16.72	16.35	15.20	14.50	14.01		
CHERRYLAND		14.21	11.81	10.61	10.41	9.21	10.32	9.07	8.31	7.14		
CLOVERLAND		13.77	11.97	10.85	11.51	10.71	10.20	9.54	9.14	7.75		
GREAT LAKES		15.13	12.73	11.53	11.99	10.55	10.72	9.82	9.28	6.45		
MIDWEST ENERGY		14.90	12.50	11.30	11.49	10.37	10.68	9.68	9.08	9.91		
ONTONAGON		23.62	21.22	20.02	19.19	17.35	17.74	16.04	15.01	12.36		
PRESQUE ISLE		14.32	11.92	10.72	10.64	9.36	10.84	9.74	9.08	7.70		
THUMB		14.12	12.52	11.72	11.86	11.06	12.92	11.68	10.93	8.61		
TRI COUNTY		15.60	13.20	12.00	12.83	11.23	11.78	10.69	10.03	8.89		
<i>AVERAGE INVESTOR OWNED</i>		12.09	10.95	10.46	11.80	10.99	10.79	10.11	9.43	8.00	7.70	7.46
<i>AVERAGE COOPERATIVE</i>		16.20	13.95	12.81	12.97	11.84	12.39	11.27	10.60	9.20		
<i>AVERAGE ALL COMPANIES</i>		13.94	12.30	11.52	12.33	11.37	11.51	10.63	9.96	8.54	7.70	7.46

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
January 14, 2009**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		13.05	12.20	11.78	12.33	11.79	11.46	10.33	9.55	7.69	6.35	6.34
CONSUMERS ENERGY		12.80	11.60	11.00	12.60	11.29	11.56	10.13	9.27	8.29	7.96	7.75
DETROIT EDISON		10.72	10.72	11.41	11.51	10.81	10.67	10.66	10.04	8.24	7.82	7.56
EDISON SAULT ELECTRIC		10.31	9.63	9.29	10.99	10.40	10.28	10.23	9.75	9.19	9.16	9.16
AEP (I&M) ST JOSEPH		7.66	6.55	6.25	9.93	8.14	7.84	7.52	7.34	5.11	4.85	4.73
AEP (I&M) THREE RIVERS		8.53	7.61	7.16	8.66	8.55	8.20	7.72	7.25	5.51	5.25	5.06
NORTHERN STATES POWER		11.23	10.38	9.95	10.49	9.89	10.06	9.16	8.62	8.28	8.24	8.24
UPPER PENINSULA POWER		17.89	16.29	15.49	17.21	16.25	16.15	14.12	12.90	9.86	9.81	9.80
UPPER PENINSULA POWER IRON RIVER		15.36	13.76	12.96	13.46	12.50	13.34	12.20	11.52	10.72	10.72	10.72
WISCONSIN ELECTRIC		13.36	11.44	10.48	11.58	11.96	10.10	10.10	8.55	6.92	6.64	5.45
WISCONSIN PUBLIC SERVICE		12.63	10.83	9.93	11.67	9.91	9.62	9.58	9.56	8.75	8.47	7.86
<u>COOPERATIVES</u>												
ALGER DELTA		19.62	17.22	16.02	15.92	16.37	16.01	14.87	14.19	13.71		
CHERRYLAND		14.01	11.61	10.41	10.21	9.01	10.12	8.87	8.11	6.92		
CLOVERLAND		11.69	9.89	8.76	9.43	8.63	8.11	7.46	7.06	5.67		
GREAT LAKES		15.13	12.73	11.53	11.99	10.55	10.72	9.82	9.28	6.45		
MIDWEST ENERGY		14.90	12.50	11.30	11.49	10.37	10.68	9.68	9.08	9.91		
ONTONAGON		22.70	20.30	19.10	18.66	17.06	17.44	15.74	14.71	12.06		
PRESQUE ISLE		14.32	11.92	10.72	10.64	9.36	10.84	9.74	9.08	7.68		
THUMB		14.19	12.59	11.79	11.93	11.13	12.98	11.75	11.00	8.68		
TRI COUNTY		15.60	13.20	12.00	12.83	11.23	11.78	10.69	10.03	8.89		
<i>AVERAGE INVESTOR OWNED</i>		12.14	11.00	10.52	11.86	11.05	10.84	10.16	9.49	8.05	7.75	7.51
<i>AVERAGE COOPERATIVE</i>		15.79	13.55	12.40	12.57	11.52	12.08	10.96	10.28	8.89		
<i>AVERAGE ALL COMPANIES</i>		13.78	12.15	11.37	12.18	11.26	11.40	10.52	9.85	8.43	7.75	7.51

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
December 1, 2008**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		12.28	11.43	11.00	11.55	11.01	10.69	9.56	8.78	6.91	5.57	5.57
CONSUMERS ENERGY		11.69	10.49	9.89	11.47	10.15	10.42	8.99	8.13	7.15	6.82	6.60
DETROIT EDISON		10.93	10.93	11.62	11.71	10.96	10.82	10.81	10.47	8.16	7.75	7.50
EDISON SAULT ELECTRIC		9.99	9.31	8.97	10.67	10.08	9.97	9.92	9.43	8.87	8.85	8.85
AEP (I&M) ST JOSEPH		7.20	6.09	5.79	9.47	7.68	7.38	7.06	6.87	4.65	4.39	4.26
AEP (I&M) THREE RIVERS		8.03	7.11	6.66	8.16	8.05	7.70	7.22	6.75	5.01	4.75	4.56
NORTHERN STATES POWER		10.24	9.39	8.96	9.50	8.90	9.06	8.17	7.63	7.28	7.25	7.25
UPPER PENINSULA POWER		17.43	15.83	15.03	16.75	15.79	15.68	13.65	12.43	9.39	9.34	9.34
UPPER PENINSULA POWER IRON RIVER		14.89	13.29	12.49	13.00	12.04	12.87	11.74	11.05	10.25	10.25	10.25
WISCONSIN ELECTRIC		13.26	9.82	8.86	9.98	10.36	8.62	8.59	7.33	5.66	5.39	5.20
WISCONSIN PUBLIC SERVICE		12.47	10.67	9.77	11.50	9.74	9.45	9.42	9.40	8.58	8.30	7.69
<u>COOPERATIVES</u>												
ALGER DELTA		18.89	16.49	15.29	15.19	15.64	15.27	14.14	13.46	12.98		
CHERRYLAND		13.01	10.61	9.41	9.21	8.01	9.12	7.87	7.11	5.92		
CLOVERLAND		10.83	9.03	7.80	8.45	7.65	7.14	6.48	6.08	4.70		
GREAT LAKES		14.75	12.35	11.15	11.62	10.18	10.35	9.44	8.90	6.08		
MIDWEST ENERGY		14.90	12.50	11.30	11.49	10.37	10.68	9.68	9.08	9.91		
ONTONAGON		21.66	19.26	18.06	17.62	16.02	16.40	14.69	13.67	11.02		
PRESQUE ISLE		13.42	11.02	9.82	9.74	8.46	9.94	8.84	8.18	6.78		
THUMB		13.88	12.28	11.48	11.62	10.82	12.67	11.44	10.69	8.37		
TRI COUNTY		14.92	12.52	11.32	12.40	10.80	11.35	10.26	9.60	8.46		
<i>AVERAGE INVESTOR OWNED</i>		11.67	10.40	9.91	11.25	10.43	10.24	9.56	8.93	7.45	7.15	7.01
<i>AVERAGE COOPERATIVE</i>		15.14	12.89	11.74	11.93	10.88	11.44	10.31	9.64	8.25		
<i>AVERAGE ALL COMPANIES</i>		13.23	11.52	10.73	11.55	10.64	10.78	9.90	9.25	7.81	7.15	7.01

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
December 1, 2008**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		12.28	11.43	11.00	11.55	11.01	10.69	9.56	8.78	6.91	5.57	5.57
CONSUMERS ENERGY		11.69	10.49	9.89	11.47	10.15	10.42	8.99	8.13	7.15	6.82	1083.11
DETROIT EDISON		10.93	10.93	11.62	11.71	10.96	10.82	10.81	10.47	8.16	7.75	7.50
EDISON SAULT ELECTRIC		9.99	9.31	8.97	10.67	10.08	9.97	9.92	9.43	8.87	8.85	8.85
AEP (I&M) ST JOSEPH		7.20	6.09	5.79	9.47	7.68	7.38	7.06	6.87	4.65	4.39	4.26
AEP (I&M) THREE RIVERS		8.03	7.11	6.66	8.16	8.05	7.70	7.22	6.75	5.01	4.75	4.56
NORTHERN STATES POWER		10.24	9.39	8.96	9.50	8.90	9.06	8.17	7.63	7.28	7.25	7.25
UPPER PENINSULA POWER		17.43	15.83	15.03	16.75	15.79	15.68	13.65	12.43	9.39	9.34	9.34
UPPER PENINSULA POWER IRON RIVER		14.89	13.29	12.49	13.00	12.04	12.87	11.74	11.05	10.25	10.25	10.25
WISCONSIN ELECTRIC		13.26	9.82	8.86	9.98	10.36	8.62	8.59	7.33	5.66	5.39	5.20
WISCONSIN PUBLIC SERVICE		12.47	10.67	9.77	11.50	9.74	9.45	9.42	9.40	8.58	8.30	7.69
<u>COOPERATIVES</u>												
ALGER DELTA		18.89	16.49	15.29	15.19	15.64	15.27	14.14	13.46	12.98		
CHERRYLAND		13.01	10.61	9.41	9.21	8.01	9.12	7.87	7.11	5.92		
CLOVERLAND		10.83	9.03	7.80	8.45	7.65	7.14	6.48	6.08	4.70		
GREAT LAKES		14.75	12.35	11.15	11.62	10.18	10.35	9.44	8.90	6.08		
MIDWEST ENERGY		14.90	12.50	11.30	11.49	10.37	10.68	9.68	9.08	9.91		
ONTONAGON		21.66	19.26	18.06	17.62	16.02	16.40	14.69	13.67	11.02		
PRESQUE ISLE		13.42	11.02	9.82	9.74	8.46	9.94	8.84	8.18	6.78		
THUMB		13.88	12.28	11.48	11.62	10.82	12.67	11.44	10.69	8.37		
TRI COUNTY		14.92	12.52	11.32	12.40	10.80	11.35	10.26	9.60	8.46		
<i>AVERAGE INVESTOR OWNED</i>		11.67	10.40	9.91	11.25	10.43	10.24	9.56	8.93	7.45	7.15	104.87
<i>AVERAGE COOPERATIVE</i>		15.14	12.89	11.74	11.93	10.88	11.44	10.31	9.64	8.25		
<i>AVERAGE ALL COMPANIES</i>		13.23	11.52	10.73	11.55	10.64	10.78	9.90	9.25	7.81	7.15	104.87

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
November 1, 2008**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		12.28	11.43	11.00	11.55	11.01	10.69	9.56	8.78	6.91	5.57	5.57
CONSUMERS ENERGY		12.06	10.86	10.26	11.85	10.53	10.80	9.37	8.51	7.53	7.20	6.98
DETROIT EDISON		10.93	10.93	11.62	11.71	10.96	10.82	10.81	10.47	8.16	7.75	7.50
EDISON SAULT ELECTRIC		9.99	9.31	8.97	10.67	10.08	9.97	9.92	9.43	8.87	8.85	8.85
AEP (I&M) ST JOSEPH		7.20	6.09	5.79	9.47	7.68	7.38	7.06	6.87	4.65	4.39	4.26
AEP (I&M) THREE RIVERS		8.03	7.11	6.66	8.16	8.05	7.70	7.22	6.75	5.01	4.75	4.56
NORTHERN STATES POWER		10.24	9.39	8.96	9.50	8.90	9.06	8.17	7.63	7.28	7.25	7.25
UPPER PENINSULA POWER		16.94	15.34	14.54	16.26	15.30	15.20	13.17	11.95	8.91	8.86	8.85
UPPER PENINSULA POWER IRON RIVER		14.41	12.81	12.01	12.51	11.55	12.39	11.25	10.57	9.77	9.77	9.77
WISCONSIN ELECTRIC		13.26	9.82	8.86	9.98	10.36	8.62	8.59	7.33	5.66	5.39	5.20
WISCONSIN PUBLIC SERVICE		12.47	10.67	9.77	11.50	9.74	9.45	9.42	9.40	8.58	8.30	7.69
<u>COOPERATIVES</u>												
ALGER DELTA		18.89	16.49	15.29	15.19	15.64	15.27	14.14	13.46	12.98		
CHERRYLAND		13.46	11.06	9.86	9.66	8.46	9.57	8.32	7.56	6.37		
CLOVERLAND		10.83	9.03	7.80	8.45	7.65	7.14	6.48	6.08	4.70		
GREAT LAKES		14.75	12.35	11.15	11.62	10.18	10.35	9.44	8.90	6.08		
MIDWEST ENERGY		14.90	12.50	11.30	11.49	10.37	10.68	9.68	9.08	9.91		
ONTONAGON		21.66	19.26	18.06	17.62	16.02	16.40	14.69	13.67	11.02		
PRESQUE ISLE		12.88	10.48	9.28	9.21	7.93	9.40	8.30	7.64	6.24		
THUMB		13.88	12.28	11.48	11.62	10.82	12.67	11.44	10.69	8.37		
TRI COUNTY		14.92	12.52	11.32	12.40	10.80	11.35	10.26	9.60	8.46		
<i>AVERAGE INVESTOR OWNED</i>		11.62	10.34	9.86	11.20	10.38	10.19	9.50	8.88	7.39	7.10	6.95
<i>AVERAGE COOPERATIVE</i>		15.13	12.88	11.73	11.92	10.87	11.43	10.31	9.63	8.24		
<i>AVERAGE ALL COMPANIES</i>		13.20	11.49	10.70	11.52	10.60	10.75	9.86	9.22	7.77	7.10	6.95

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division
Updated 2/8/2011 to fix CE Industrial Calculation

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
October 1, 2008**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		12.28	11.43	11.00	11.55	11.01	10.69	9.56	8.78	6.91	5.57	5.57
CONSUMERS ENERGY		11.91	10.71	10.11	11.69	10.37	10.64	9.21	8.35	7.37	7.04	6.82
DETROIT EDISON		10.93	10.93	11.62	11.71	10.96	10.82	10.81	10.47	8.16	7.75	7.50
EDISON SAULT ELECTRIC		9.99	9.31	8.97	10.67	10.08	9.97	9.92	9.43	8.87	8.85	8.85
AEP (I&M) ST JOSEPH		7.20	6.09	5.79	9.47	7.68	7.38	7.06	6.87	4.65	4.54	4.26
AEP (I&M) THREE RIVERS		8.03	7.11	6.66	8.16	8.05	7.70	7.22	6.75	5.01	4.75	4.56
NORTHERN STATES POWER		10.24	9.39	8.96	9.50	8.90	9.06	8.17	7.63	7.28	7.25	7.25
UPPER PENINSULA POWER		16.94	15.34	14.54	16.26	15.30	15.20	13.17	11.95	8.91	8.86	8.85
UPPER PENINSULA POWER IRON RIVER		14.41	12.81	12.01	12.51	11.55	12.39	11.25	10.57	9.77	9.77	9.77
WISCONSIN ELECTRIC		13.26	9.82	8.86	9.98	10.36	8.62	8.59	7.33	5.66	5.39	5.20
WISCONSIN PUBLIC SERVICE		12.47	10.67	9.77	11.50	9.74	9.45	9.42	9.40	8.58	8.30	7.69
<u>COOPERATIVES</u>												
ALGER DELTA		18.89	16.49	15.29	15.19	15.64	15.27	14.14	13.46	12.98		
CHERRYLAND		13.46	11.06	9.86	9.66	8.46	9.57	8.32	7.56	6.37		
CLOVERLAND		14.26	12.46	11.23	11.88	11.08	10.57	9.91	9.52	8.13		
GREAT LAKES		14.75	12.35	11.15	11.62	10.18	10.35	9.44	8.90	6.08		
MIDWEST ENERGY		14.90	12.50	11.30	11.49	10.37	10.68	9.68	9.08	9.91		
ONTONAGON		21.66	19.26	18.06	17.62	16.02	16.40	14.69	13.67	11.02		
PRESQUE ISLE		14.08	11.68	10.48	10.41	9.13	10.60	9.50	8.84	7.44		
THUMB		14.58	12.98	12.18	12.32	11.52	13.37	12.14	11.39	9.07		
TRI COUNTY		14.92	12.52	11.32	12.40	10.80	11.35	10.26	9.60	8.46		
<i>AVERAGE INVESTOR OWNED</i>		11.60	10.33	9.84	11.18	10.36	10.17	9.49	8.87	7.38	7.10	6.94
<i>AVERAGE COOPERATIVE</i>		15.72	13.48	12.32	12.51	11.47	12.02	10.90	10.23	8.83		
<i>AVERAGE ALL COMPANIES</i>		13.46	11.75	10.96	11.78	10.86	11.00	10.12	9.48	8.03	7.10	6.94

Source: Michigan Public Service Commission Utility Rate Books

Compiled by the Regulated Energy Division

Updated 2/8/2011 to fix CE Industrial Calculation

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
September 1, 2008**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		12.28	11.43	11.00	11.55	11.01	10.69	9.56	8.78	6.91	5.57	5.57
CONSUMERS ENERGY		11.65	10.45	11.34	12.65	11.33	12.13	10.49	9.50	8.67	8.34	8.12
DETROIT EDISON		10.93	10.93	11.62	11.70	10.95	10.81	10.80	10.46	8.15	7.74	7.49
EDISON SAULT ELECTRIC		9.99	9.31	8.97	10.67	10.08	9.97	9.92	9.43	8.87	8.85	8.85
AEP (I&M) ST JOSEPH		7.20	6.09	5.79	9.47	7.68	7.38	7.06	6.87	4.65	4.54	4.26
AEP (I&M) THREE RIVERS		8.03	7.11	6.66	8.16	8.05	7.70	7.22	6.75	5.01	4.75	4.56
NORTHERN STATES POWER		10.24	9.39	8.96	9.50	8.90	9.06	8.17	7.63	7.28	7.25	7.25
UPPER PENINSULA POWER		16.94	15.34	14.54	16.26	15.30	15.20	13.17	11.95	8.91	8.86	8.85
UPPER PENINSULA POWER IRON RIVER		14.41	12.81	12.01	12.51	11.55	12.39	11.25	10.57	9.77	9.77	9.77
WISCONSIN ELECTRIC		13.52	10.08	9.12	10.24	10.62	8.88	8.85	7.59	5.92	5.65	5.46
WISCONSIN PUBLIC SERVICE		12.47	10.67	9.77	11.50	9.74	9.45	9.42	9.40	8.58	8.30	7.69
<u>COOPERATIVES</u>												
ALGER DELTA		18.89	16.49	15.29	15.19	15.64	15.27	14.14	13.46	12.98		
CHERRYLAND		13.46	11.06	9.86	9.66	8.46	9.57	8.32	7.56	6.37		
CLOVERLAND		14.26	12.46	11.23	11.88	11.08	10.57	9.91	9.52	8.13		
GREAT LAKES		15.35	12.95	11.75	12.22	10.78	10.95	10.04	9.50	6.68		
MIDWEST ENERGY		14.43	12.03	10.83	11.02	9.90	10.21	9.21	8.61	9.44		
ONTONAGON		21.66	19.26	18.06	17.62	16.02	16.40	14.69	13.67	11.02		
PRESQUE ISLE		14.55	12.15	10.95	10.87	9.59	11.06	9.96	9.30	7.90		
THUMB		13.61	12.21	11.51	11.65	10.93	12.80	11.56	10.82	8.77		
TRI COUNTY		14.92	12.52	11.32	12.40	10.80	11.35	10.26	9.60	8.46		
<i>AVERAGE INVESTOR OWNED</i>		11.60	10.33	9.98	11.29	10.47	10.33	9.63	8.99	7.52	7.24	7.08
<i>AVERAGE COOPERATIVE</i>		15.68	13.46	12.31	12.50	11.47	12.02	10.90	10.23	8.86		
<i>AVERAGE ALL COMPANIES</i>		13.44	11.74	11.03	11.84	10.92	11.09	10.20	9.55	8.12	7.24	7.08

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
August 1, 2008**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		12.30	11.45	11.02	11.57	11.03	10.71	9.58	8.80	6.93	5.59	5.59
CONSUMERS ENERGY		12.06	10.86	11.75	13.07	11.75	12.55	10.90	9.91	9.09	8.76	8.54
DETROIT EDISON		10.73	10.73	11.42	11.50	10.75	10.62	10.60	10.26	7.95	7.54	7.29
EDISON SAULT ELECTRIC		9.99	9.31	8.97	10.67	10.08	9.97	9.92	9.43	8.87	8.85	8.85
AEP (I&M) ST JOSEPH		7.97	6.86	6.56	10.24	8.45	8.15	7.84	7.65	5.42	5.31	5.04
AEP (I&M) THREE RIVERS		8.03	7.11	6.66	8.16	8.05	7.70	7.22	6.75	5.01	4.75	4.56
NORTHERN STATES POWER		10.24	9.39	8.96	9.50	8.90	9.06	8.17	7.63	7.28	7.25	7.25
UPPER PENINSULA POWER		16.94	15.34	14.54	16.26	15.30	15.20	13.17	11.95	8.91	8.86	8.85
UPPER PENINSULA POWER IRON RIVER		14.41	12.81	12.01	12.51	11.55	12.39	11.25	10.57	9.77	9.77	9.77
WISCONSIN ELECTRIC		13.52	10.08	9.12	10.24	10.62	8.88	8.85	7.59	5.92	5.65	5.46
WISCONSIN PUBLIC SERVICE		12.47	10.67	9.77	11.50	9.74	9.45	9.42	9.40	8.58	8.30	7.69
<u>COOPERATIVES</u>												
ALGER DELTA		18.89	16.49	15.29	15.19	15.64	15.27	14.14	13.46	12.98		
CHERRYLAND		14.50	12.10	10.90	10.70	9.50	10.61	9.36	8.60	7.41		
CLOVERLAND		14.26	12.46	11.23	11.88	11.08	10.57	9.91	9.52	8.13		
GREAT LAKES		15.56	13.16	11.96	12.43	10.99	11.16	10.26	9.71	6.89		
MIDWEST ENERGY		14.43	12.03	10.83	11.02	9.90	10.21	9.21	8.61	9.44		
ONTONAGON		21.66	19.26	18.06	17.62	16.02	16.40	14.69	13.67	11.02		
PRESQUE ISLE		15.30	12.90	11.70	11.62	10.34	11.82	10.72	10.06	8.66		
THUMB		13.91	12.51	11.81	11.95	11.23	13.10	11.86	11.12	9.07		
TRI COUNTY		15.35	12.95	11.75	12.83	11.23	11.78	10.68	10.03	8.89		
<i>AVERAGE INVESTOR OWNED</i>		11.70	10.42	10.07	11.38	10.57	10.42	9.72	9.08	7.61	7.33	7.17
<i>AVERAGE COOPERATIVE</i>		15.98	13.76	12.61	12.80	11.77	12.32	11.20	10.53	9.16		
<i>AVERAGE ALL COMPANIES</i>		13.62	11.92	11.21	12.02	11.11	11.28	10.39	9.74	8.31	7.33	7.17

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
July 1, 2008**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		12.30	11.45	11.02	11.57	11.03	10.71	9.58	8.80	6.93	5.59	5.59
CONSUMERS ENERGY		12.02	10.82	11.71	13.02	11.70	12.51	10.86	9.87	9.04	8.71	8.49
DETROIT EDISON		10.73	10.73	11.42	11.50	10.75	10.62	10.60	10.26	7.95	7.54	7.29
EDISON SAULT ELECTRIC		9.99	9.31	8.97	10.67	10.08	9.97	9.92	9.43	8.87	8.85	8.85
AEP (I&M) ST JOSEPH		7.97	6.86	6.56	10.24	8.45	8.15	7.84	7.65	5.42	5.31	5.04
AEP (I&M) THREE RIVERS		8.03	7.11	6.66	8.16	8.05	7.70	7.22	6.75	5.01	4.75	4.56
NORTHERN STATES POWER		10.24	9.39	8.96	9.50	8.90	9.06	8.17	7.63	7.28	7.25	7.25
UPPER PENINSULA POWER		16.94	15.34	14.54	16.26	15.30	15.20	13.17	11.95	8.91	8.86	8.85
UPPER PENINSULA POWER IRON RIVER		14.41	12.81	12.01	12.51	11.55	12.39	11.25	10.57	9.77	9.77	9.77
WISCONSIN ELECTRIC		13.52	10.08	9.12	10.24	10.62	8.88	8.85	7.59	5.92	5.65	5.46
WISCONSIN PUBLIC SERVICE		12.47	10.67	9.77	11.50	9.74	9.45	9.42	9.40	8.58	8.30	7.69
<u>COOPERATIVES</u>												
ALGER DELTA		18.89	16.49	15.29	15.19	15.64	15.27	14.14	13.46	12.98		
CHERRYLAND		14.50	12.10	10.90	10.70	9.50	10.61	9.36	8.60	7.41		
CLOVERLAND		14.26	12.46	11.23	11.88	11.08	10.57	9.91	9.52	8.13		
GREAT LAKES		15.56	13.16	11.96	12.43	10.99	11.16	10.26	9.71	6.89		
MIDWEST ENERGY		14.43	12.03	10.83	11.02	9.90	10.21	9.21	8.61	9.44		
ONTONAGON		21.30	18.90	17.70	17.26	15.66	16.04	14.33	13.31	10.66		
PRESQUE ISLE		15.30	12.90	11.70	11.62	10.34	11.82	10.72	10.06	8.66		
THUMB		13.91	12.51	11.81	11.95	11.23	13.10	11.86	11.12	9.07		
TRI COUNTY		15.35	12.95	11.75	12.83	11.23	11.78	10.68	10.03	8.89		
<i>AVERAGE INVESTOR OWNED</i>		11.69	10.42	10.07	11.38	10.56	10.42	9.71	9.08	7.61	7.33	7.17
<i>AVERAGE COOPERATIVE</i>		15.94	13.72	12.57	12.76	11.73	12.28	11.16	10.49	9.12		
<i>AVERAGE ALL COMPANIES</i>		13.60	11.90	11.19	12.00	11.09	11.26	10.37	9.72	8.29	7.33	7.17

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
June 24, 2008**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		12.30	11.45	11.02	11.57	11.03	10.71	9.58	8.80	6.93	5.59	5.59
CONSUMERS ENERGY		11.68	10.48	11.36	12.68	11.36	12.16	10.51	9.52	8.70	8.37	8.15
DETROIT EDISON		10.73	10.73	11.42	11.50	10.75	10.62	10.60	10.26	7.95	7.54	7.29
EDISON SAULT ELECTRIC		9.99	9.31	8.97	10.67	10.08	9.97	9.92	9.43	8.87	8.85	8.85
AEP (I&M) ST JOSEPH		7.97	6.86	6.56	10.24	8.45	8.15	7.84	7.65	5.42	5.31	5.04
AEP (I&M) THREE RIVERS		8.03	7.11	6.66	8.16	8.05	7.70	7.22	6.75	5.01	4.75	4.56
NORTHERN STATES POWER		10.24	9.39	8.96	9.50	8.90	9.06	8.17	7.63	7.28	7.25	7.25
UPPER PENINSULA POWER		16.94	15.34	14.54	16.26	15.30	15.20	13.17	11.95	8.91	8.86	8.85
UPPER PENINSULA POWER IRON RIVER		14.41	12.81	12.01	12.51	11.55	12.39	11.25	10.57	9.77	9.77	9.77
WISCONSIN ELECTRIC		13.52	10.08	9.12	10.24	10.62	8.88	8.85	7.59	5.92	5.65	5.46
WISCONSIN PUBLIC SERVICE		12.47	10.67	9.77	11.50	9.74	9.45	9.42	9.40	8.58	8.30	7.69
<u>COOPERATIVES</u>												
ALGER DELTA		18.89	16.49	15.29	15.19	15.64	15.27	14.14	13.46	12.98		
CHERRYLAND		14.61	12.21	11.01	10.82	9.62	10.73	9.47	8.72	7.52		
CLOVERLAND		14.26	12.46	11.23	11.88	11.08	10.57	9.91	9.52	8.13		
GREAT LAKES		15.56	13.16	11.96	12.43	10.99	11.16	10.26	9.71	6.89		
MIDWEST ENERGY		14.43	12.03	10.83	11.02	9.90	10.21	9.21	8.61	9.44		
ONTONAGON		21.30	18.90	17.70	17.26	15.66	16.04	14.33	13.31	10.66		
PRESQUE ISLE		15.30	12.90	11.70	11.62	10.34	11.82	10.72	10.06	8.66		
THUMB		13.91	12.51	11.81	11.95	11.23	13.10	11.86	11.12	9.07		
TRI COUNTY		15.35	12.95	11.75	12.83	11.23	11.78	10.68	10.03	8.89		
<i>AVERAGE INVESTOR OWNED</i>		11.66	10.38	10.04	11.35	10.53	10.39	9.68	9.05	7.58	7.30	7.14
<i>AVERAGE COOPERATIVE</i>		15.96	13.73	12.58	12.78	11.74	12.30	11.18	10.50	9.14		
<i>AVERAGE ALL COMPANIES</i>		13.59	11.89	11.18	11.99	11.08	11.25	10.36	9.70	8.28	7.30	7.14

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
May 1, 2008**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		12.30	11.45	11.02	11.57	11.03	10.71	9.58	8.80	6.93	5.59	5.59
CONSUMERS ENERGY		10.70	10.70	10.70	12.75	11.99	11.64	10.25	9.42	7.63	7.81	7.54
DETROIT EDISON		10.01	10.01	10.70	11.32	10.57	10.43	10.42	10.08	7.77	7.36	7.11
EDISON SAULT ELECTRIC		9.99	9.31	8.97	10.67	10.08	9.97	9.92	9.43	8.87	8.85	8.85
AEP (I&M) ST JOSEPH		7.97	6.86	6.56	10.24	8.45	8.15	7.84	7.65	5.42	5.31	5.04
AEP (I&M) THREE RIVERS		8.03	7.11	6.66	8.16	8.05	7.70	7.22	6.75	5.01	4.75	4.56
NORTHERN STATES POWER		10.24	9.39	8.96	9.50	8.90	9.06	8.17	7.63	7.28	7.25	7.25
UPPER PENINSULA POWER		16.94	15.34	14.54	16.26	15.30	15.20	13.17	11.95	8.91	8.86	8.85
UPPER PENINSULA POWER IRON RIVER		14.41	12.81	12.01	12.51	11.55	12.39	11.25	10.57	9.77	9.77	9.77
WISCONSIN ELECTRIC		13.52	10.08	9.12	10.25	10.62	8.88	8.85	7.59	5.92	5.65	5.46
WISCONSIN PUBLIC SERVICE		12.47	10.67	9.77	11.50	9.74	9.45	9.42	9.40	8.58	8.30	7.69
<u>COOPERATIVES</u>												
ALGER DELTA		18.89	16.49	15.29	15.19	15.64	15.27	14.14	13.46	12.98		
CHERRYLAND		14.61	12.21	11.01	10.82	9.62	10.73	9.47	8.72	7.52		
CLOVERLAND		14.26	12.46	11.23	11.88	11.08	10.57	9.91	9.52	8.13		
GREAT LAKES		15.56	13.16	11.96	12.43	10.99	11.16	10.26	9.71	6.89		
MIDWEST ENERGY		14.43	12.03	10.83	11.02	9.90	10.21	9.21	8.61	9.44		
ONTONAGON		21.30	18.90	17.70	17.26	15.66	16.04	14.33	13.31	10.66		
PRESQUE ISLE		15.30	12.90	11.70	11.62	10.34	11.82	10.72	10.06	8.66		
THUMB		13.77	12.37	11.67	11.81	11.09	12.97	11.73	10.98	8.94		
TRI COUNTY		15.35	12.95	11.75	12.83	11.23	11.78	10.68	10.03	8.89		
<i>AVERAGE INVESTOR OWNED</i>		11.51	10.34	9.91	11.34	10.57	10.33	9.64	9.02	7.46	7.23	7.06
<i>AVERAGE COOPERATIVE</i>		15.94	13.72	12.57	12.76	11.73	12.28	11.16	10.49	9.12		
<i>AVERAGE ALL COMPANIES</i>		13.50	11.86	11.11	11.98	11.09	11.21	10.33	9.68	8.21	7.23	7.06

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
April 1, 2008**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		12.22	11.37	10.95	11.50	10.96	10.63	9.50	8.72	6.86	5.52	5.51
CONSUMERS ENERGY		10.19	10.19	10.19	12.24	11.48	11.21	9.82	8.99	7.21	7.38	7.11
DETROIT EDISON		10.73	10.73	11.42	11.85	11.10	10.97	10.95	10.61	8.30	7.89	7.64
EDISON SAULT ELECTRIC		9.99	9.31	8.97	10.67	10.08	9.97	9.92	9.43	8.87	8.85	8.85
AEP (I&M) ST JOSEPH		7.97	6.86	6.56	10.20	8.46	8.16	7.84	7.65	5.42	5.31	5.03
AEP (I&M) THREE RIVERS		8.03	7.11	6.66	8.11	8.05	7.70	7.23	6.73	5.00	4.75	4.56
NORTHERN STATES POWER		10.24	9.39	8.96	9.50	8.90	9.06	8.17	7.63	7.28	7.25	7.25
UPPER PENINSULA POWER		17.25	15.65	14.85	16.57	15.61	15.50	13.47	12.25	9.21	9.16	9.16
UPPER PENINSULA POWER IRON RIVER		14.71	13.11	12.31	12.82	11.86	12.69	11.56	10.87	10.07	10.07	10.07
WISCONSIN ELECTRIC		13.52	10.08	9.12	10.25	10.62	8.88	8.85	7.59	5.92	5.65	5.46
WISCONSIN PUBLIC SERVICE		12.09	10.29	9.39	11.13	9.37	9.08	9.04	9.02	8.20	7.92	7.31
<u>COOPERATIVES</u>												
ALGER DELTA		18.89	16.49	15.29	15.19	15.64	15.27	14.14	13.46	12.98		
CHERRYLAND		14.61	12.21	11.01	10.82	9.62	10.73	9.47	8.72	7.52		
CLOVERLAND		14.26	12.46	11.23	11.88	11.08	10.57	9.91	9.52	8.13		
GREAT LAKES		15.56	13.16	11.96	12.43	10.99	11.16	10.26	9.71	6.89		
MIDWEST ENERGY		14.43	12.03	10.83	11.02	9.90	10.21	9.21	8.61	9.44		
ONTONAGON		21.30	18.90	17.70	17.26	15.66	16.04	14.33	13.31	10.66		
PRESQUE ISLE		15.30	12.90	11.70	11.62	10.34	11.82	10.72	10.06	8.66		
THUMB		13.77	12.37	11.67	11.81	11.09	12.97	11.73	10.98	8.94		
TRI COUNTY		15.35	12.95	11.75	12.83	11.23	11.78	10.68	10.03	8.89		
<i>AVERAGE INVESTOR OWNED</i>		11.54	10.37	9.94	11.35	10.59	10.35	9.67	9.04	7.49	7.25	7.09
<i>AVERAGE COOPERATIVE</i>		15.94	13.72	12.57	12.76	11.73	12.28	11.16	10.49	9.12		
<i>AVERAGE ALL COMPANIES</i>		13.52	11.88	11.13	11.98	11.10	11.22	10.34	9.69	8.22	7.25	7.09

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
March 1, 2008**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		12.22	11.37	10.95	11.50	10.96	10.63	9.50	8.72	6.86	5.52	5.51
CONSUMERS ENERGY		10.22	10.22	10.22	12.36	11.51	11.25	9.86	9.02	7.24	7.42	7.15
DETROIT EDISON		10.64	10.64	11.33	11.59	10.85	10.71	10.70	10.39	8.11	7.69	7.44
EDISON SAULT ELECTRIC		9.99	9.31	8.97	10.67	10.08	9.97	9.92	9.43	8.87	8.85	8.85
AEP (I&M) ST JOSEPH		7.97	6.86	6.56	10.24	8.45	8.15	7.84	7.65	5.42	5.31	5.04
AEP (I&M) THREE RIVERS		8.03	7.11	6.66	8.16	8.05	7.70	7.22	6.75	5.01	4.75	4.56
NORTHERN STATES POWER		10.24	9.39	8.96	9.50	8.90	9.06	8.17	7.63	7.28	7.25	7.25
UPPER PENINSULA POWER		17.43	15.83	15.03	16.75	15.79	15.68	13.65	12.43	9.39	9.34	9.34
UPPER PENINSULA POWER IRON RIVER		14.89	13.29	12.49	13.00	12.04	12.87	11.74	11.05	10.25	10.25	10.25
WISCONSIN ELECTRIC		13.59	11.67	10.71	11.83	10.63	10.46	10.43	9.17	7.50	7.23	7.04
WISCONSIN PUBLIC SERVICE		12.09	10.29	9.39	11.13	9.37	9.08	9.04	9.02	8.20	7.92	7.31
<u>COOPERATIVES</u>												
ALGER DELTA		18.89	16.49	15.29	15.19	15.64	15.27	14.14	13.46	12.98		
CHERRYLAND		14.61	12.21	11.01	10.82	9.62	10.73	9.47	8.72	7.52		
CLOVERLAND		14.26	12.46	11.23	11.88	11.08	10.57	9.91	9.52	8.13		
GREAT LAKES		15.56	13.16	11.96	12.43	10.99	11.16	10.26	9.71	6.89		
MIDWEST ENERGY		14.43	12.03	10.83	11.02	9.90	10.21	9.21	8.61	9.44		
ONTONAGON		21.30	18.90	17.70	17.26	15.66	16.04	14.33	13.31	10.66		
PRESQUE ISLE		15.30	12.90	11.70	11.62	10.34	11.82	10.72	10.06	8.66		
THUMB		13.91	12.51	11.81	11.95	11.23	13.10	11.86	11.12	9.07		
TRI COUNTY		15.56	13.16	11.96	13.04	11.44	12.00	10.90	10.24	9.10		
<i>AVERAGE INVESTOR OWNED</i>		11.57	10.54	10.11	11.52	10.60	10.51	9.82	9.21	7.65	7.41	7.25
<i>AVERAGE COOPERATIVE</i>		15.98	13.76	12.61	12.80	11.77	12.32	11.20	10.53	9.16		
<i>AVERAGE ALL COMPANIES</i>		13.56	11.99	11.24	12.10	11.13	11.32	10.44	9.80	8.33	7.41	7.25

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
February 1, 2008**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		12.30	11.45	11.02	11.57	11.03	10.71	9.58	8.80	6.93	5.59	5.59
CONSUMERS ENERGY		10.28	10.28	10.28	12.42	11.57	11.31	9.92	9.08	7.30	7.47	7.21
DETROIT EDISON		10.62	10.62	11.31	11.58	10.83	10.70	10.69	10.37	8.09	7.68	7.43
EDISON SAULT ELECTRIC		9.99	9.31	8.97	10.67	10.08	9.97	9.92	9.43	8.87	8.85	8.85
AEP (I&M) ST JOSEPH		7.97	6.86	6.56	10.24	8.45	8.15	7.84	7.65	5.42	5.31	5.04
AEP (I&M) THREE RIVERS		8.03	7.11	6.66	8.16	8.05	7.70	7.22	6.75	5.01	4.75	4.56
NORTHERN STATES POWER		10.24	9.39	8.96	9.50	8.90	9.06	8.17	7.63	7.28	7.25	7.25
UPPER PENINSULA POWER		17.43	15.83	15.03	16.75	15.79	15.68	13.65	12.43	9.39	9.34	9.34
UPPER PENINSULA POWER IRON RIVER		14.89	13.29	12.49	13.00	12.04	12.87	11.74	11.05	10.25	10.25	10.25
WISCONSIN ELECTRIC		13.59	11.67	10.71	11.83	10.63	10.46	10.43	9.17	7.50	7.23	7.04
WISCONSIN PUBLIC SERVICE		12.09	10.29	9.39	11.13	9.37	9.08	9.04	9.02	8.20	7.92	7.31
<u>COOPERATIVES</u>												
ALGER DELTA		18.89	16.49	15.29	15.19	15.64	15.27	14.14	13.46	12.98		
CHERRYLAND		14.61	12.21	11.01	10.82	9.62	10.73	9.47	8.72	7.52		
CLOVERLAND		14.26	12.46	11.23	11.88	11.08	10.57	9.91	9.52	8.13		
GREAT LAKES		15.56	13.16	11.96	12.43	10.99	11.16	10.26	9.71	6.89		
MIDWEST ENERGY		14.43	12.03	10.83	11.02	9.90	10.21	9.21	8.61	9.44		
ONTONAGON		21.30	18.90	17.70	17.26	15.66	16.04	14.33	13.31	10.66		
PRESQUE ISLE		15.30	12.90	11.70	11.62	10.34	11.82	10.72	10.06	8.66		
THUMB		13.91	12.51	11.81	11.95	11.23	13.10	11.86	11.12	9.07		
TRI COUNTY		15.56	13.16	11.96	13.04	11.44	12.00	10.90	10.24	9.10		
<i>AVERAGE INVESTOR OWNED</i>		11.58	10.55	10.13	11.53	10.61	10.52	9.83	9.22	7.66	7.42	7.26
<i>AVERAGE COOPERATIVE</i>		15.98	13.76	12.61	12.80	11.77	12.32	11.20	10.53	9.16		
<i>AVERAGE ALL COMPANIES</i>		13.56	12.00	11.24	12.10	11.13	11.33	10.45	9.81	8.34	7.42	7.26

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER kWh)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
January 1, 2008**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1,000	5	25	100	100	100	1,000	10,000	50,000
		<u>250</u>	<u>500</u>	<u>1,000</u>	<u>1,000</u>	<u>5,000</u>	<u>21,600</u>	<u>28,800</u>	<u>36,000</u>	<u>432,000</u>	<u>4,320,000</u>	<u>21,600,000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		12.30	11.45	11.02	11.57	11.03	10.71	9.58	8.80	6.93	5.59	5.59
CONSUMERS ENERGY		10.18	10.18	10.18	12.31	11.46	11.20	9.81	8.98	7.19	7.37	7.10
DETROIT EDISON		10.62	10.62	11.31	11.58	10.83	10.70	10.69	10.37	8.09	7.68	7.43
EDISON SAULT ELECTRIC		10.06	9.38	9.04	10.74	10.15	10.03	9.98	9.50	8.94	8.91	8.91
AEP (I&M) ST JOSEPH		7.97	6.86	6.56	10.24	8.45	8.15	7.84	7.65	5.42	5.31	5.04
AEP (I&M) THREE RIVERS		8.03	7.11	6.66	8.16	8.05	7.70	7.22	6.75	5.01	4.75	4.56
NORTHERN STATES POWER		10.24	9.39	8.96	9.50	8.90	9.06	8.17	7.63	7.28	7.25	7.25
UPPER PENINSULA POWER		17.43	15.83	15.03	16.75	15.79	15.68	13.65	12.43	9.39	9.34	9.34
UPPER PENINSULA POWER IRON RIVER		14.89	13.29	12.49	13.00	12.04	12.87	11.74	11.05	10.25	10.25	10.25
WISCONSIN ELECTRIC		13.59	11.67	10.71	11.83	10.63	10.46	10.43	9.17	7.50	7.23	7.04
WISCONSIN PUBLIC SERVICE		12.09	10.29	9.39	11.13	9.37	9.08	9.04	9.02	8.20	7.92	7.31
<u>COOPERATIVES</u>												
ALGER DELTA		18.89	16.49	15.29	15.19	15.64	15.27	14.14	13.46	12.98		
CHERRYLAND		14.61	12.21	11.01	10.82	9.62	10.73	9.47	8.72	7.52		
CLOVERLAND		14.26	12.46	11.23	11.88	11.08	10.57	9.91	9.52	8.13		
GREAT LAKES		15.56	13.16	11.96	12.43	10.99	11.16	10.26	9.71	6.89		
MIDWEST ENERGY		14.43	12.03	10.83	11.02	9.90	10.21	9.21	8.61	9.27		
ONTONAGON		21.30	18.90	17.70	17.26	15.66	16.04	14.33	13.31	10.66		
PRESQUE ISLE		15.30	12.90	11.70	11.62	10.34	11.82	10.72	10.06	8.66		
THUMB		13.91	12.51	11.81	11.95	11.23	13.10	11.86	11.12	9.07		
TRI COUNTY		15.56	13.16	11.96	13.04	11.44	12.00	10.90	10.24	9.10		
<i>AVERAGE INVESTOR OWNED</i>		11.58	10.55	10.12	11.53	10.61	10.51	9.83	9.21	7.66	7.42	7.26
<i>AVERAGE COOPERATIVE</i>		15.98	13.76	12.61	12.80	11.77	12.32	11.20	10.53	9.14		
<i>AVERAGE ALL COMPANIES</i>		13.56	11.99	11.24	12.10	11.13	11.33	10.45	9.80	8.32	7.42	7.26

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
December 1, 2007**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1000	5	25	100	100	100	1000	10000	50000
		<u>250</u>	<u>500</u>	<u>1000</u>	<u>1000</u>	<u>5000</u>	<u>21600</u>	<u>28800</u>	<u>36000</u>	<u>432000</u>	<u>4320000</u>	<u>21600000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		11.82	10.97	10.55	11.10	10.56	10.23	9.10	8.32	6.18	4.89	4.88
CONSUMERS ENERGY		9.70	9.70	9.70	12.00	11.27	10.99	9.60	8.77	7.03	7.21	6.94
DETROIT EDISON		10.57	10.57	11.26	11.19	10.47	10.34	10.33	10.01	7.73	7.32	7.07
EDISON SAULT ELECTRIC		9.31	8.63	8.29	9.99	9.40	9.29	9.24	8.75	8.19	8.17	8.17
AEP (I&M) ST JOSEPH		7.57	6.46	6.15	9.84	8.04	7.75	7.43	7.24	5.01	4.90	4.63
AEP (I&M) THREE RIVERS		8.26	7.34	6.89	8.39	8.28	7.93	7.45	6.98	5.24	4.98	4.79
NORTHERN STATES POWER		10.41	9.56	9.13	9.67	9.07	9.24	8.34	7.80	7.45	7.42	7.42
UPPER PENINSULA POWER		16.79	15.19	14.39	16.11	15.15	15.05	13.02	11.80	8.76	8.71	8.70
UPPER PENINSULA POWER IRON RIVER		14.26	12.66	11.86	12.36	11.40	12.24	11.10	10.42	9.62	9.62	9.62
WISCONSIN ELECTRIC		13.62	11.70	10.74	11.86	10.66	10.49	10.46	9.20	7.53	7.26	7.08
WISCONSIN PUBLIC SERVICE		9.54	8.24	7.59	9.11	7.91	7.62	7.59	7.57	6.62	6.36	5.93
<u>COOPERATIVES</u>												
ALGER DELTA		17.75	15.35	14.15	14.05	14.50	14.13	13.00	12.32	11.84		
CHERRYLAND		14.40	12.00	10.80	10.61	9.41	10.52	9.26	8.51	7.31		
CLOVERLAND		12.83	11.03	9.80	10.45	9.65	9.14	8.48	8.09	6.70		
GREAT LAKES		14.96	12.56	11.36	11.82	10.38	10.55	9.65	9.11	6.28		
MIDWEST ENERGY		13.77	11.37	10.17	10.37	9.25	9.55	8.55	7.95	8.61		
ONTONAGON		20.93	18.53	17.33	16.89	15.29	15.67	13.96	12.94	10.29		
PRESQUE ISLE		14.50	12.10	10.90	10.82	9.54	11.01	9.91	9.25	9.19		
THUMB		13.38	11.98	11.28	11.43	10.71	12.58	11.34	10.60	8.55		
TRI COUNTY		14.73	12.33	11.13	12.21	10.61	11.17	10.07	9.41	8.27		
<i>AVERAGE INVESTOR OWNED</i>		11.08	10.09	9.69	11.06	10.20	10.10	9.42	8.81	7.22	6.99	6.84
<i>AVERAGE COOPERATIVE</i>		15.25	13.03	11.88	12.07	11.04	11.59	10.47	9.80	8.56		
<i>AVERAGE ALL COMPANIES</i>		12.95	11.41	10.67	11.51	10.58	10.77	9.89	9.25	7.82	6.99	6.84

Source: Michigan Public Service Commission Utility Rate Books

Compiled by the Regulated Energy Division

Corrected CE Residential October 2009

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
November 1, 2007**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	5 <u>1000</u>	25 <u>5000</u>	100 <u>21600</u>	100 <u>28800</u>	100 <u>36000</u>	1000 <u>432000</u>	10000 <u>4320000</u>	50000 <u>21600000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		11.82	10.97	10.55	11.10	10.56	10.23	9.10	8.32	6.18	4.89	4.88
CONSUMERS ENERGY		9.69	9.69	9.69	11.99	11.26	10.98	9.59	8.76	7.02	7.20	6.93
DETROIT EDISON		10.37	10.37	11.06	10.99	10.27	10.14	10.13	9.81	7.53	7.12	6.87
EDISON SAULT ELECTRIC		9.31	8.63	8.29	9.99	9.40	9.29	9.24	8.75	8.19	8.17	8.17
AEP (I&M) ST JOSEPH		7.57	6.46	6.15	9.84	8.04	7.75	7.43	7.24	5.01	4.90	4.63
AEP (I&M) THREE RIVERS		8.26	7.34	6.89	8.39	8.28	7.93	7.45	6.98	5.24	4.98	4.79
NORTHERN STATES POWER		10.41	9.56	9.13	9.67	9.07	9.24	8.34	7.80	7.45	7.42	7.42
UPPER PENINSULA POWER		16.79	15.19	14.39	16.11	15.15	15.05	13.02	11.80	8.76	8.71	8.70
UPPER PENINSULA POWER IRON RIVER		14.26	12.66	11.86	12.36	11.40	12.24	11.10	10.42	9.62	9.62	9.62
WISCONSIN ELECTRIC		13.62	11.70	10.74	11.86	10.66	10.49	10.46	9.20	7.53	7.26	7.08
WISCONSIN PUBLIC SERVICE		9.46	8.16	7.51	9.03	7.83	7.53	7.50	7.49	6.54	6.28	5.85
<u>COOPERATIVES</u>												
ALGER DELTA		17.75	15.35	14.15	14.05	14.50	14.13	13.00	12.32	11.84		
CHERRYLAND		14.40	12.00	10.80	10.61	9.41	10.52	9.26	8.51	7.31		
CLOVERLAND		12.83	11.03	9.80	10.45	9.65	9.14	8.48	8.09	6.70		
GREAT LAKES		14.96	12.56	11.36	11.82	10.38	10.55	9.65	9.11	6.28		
MIDWEST ENERGY		13.77	11.37	10.17	10.37	9.25	9.55	8.55	7.95	8.61		
ONTONAGON		25.27	22.87	21.67	21.23	19.63	20.01	18.30	17.28	14.63		
PRESQUE ISLE		14.50	12.10	10.90	10.82	9.54	11.01	9.91	9.25	9.19		
THUMB		13.38	11.98	11.28	11.43	10.71	12.58	11.34	10.60	8.55		
TRI COUNTY		14.73	12.33	11.13	12.21	10.61	11.17	10.07	9.41	8.27		
<i>AVERAGE INVESTOR OWNED</i>		11.05	10.07	9.66	11.03	10.17	10.08	9.40	8.78	7.19	6.96	6.81
<i>AVERAGE COOPERATIVE</i>		15.73	13.51	12.36	12.55	11.52	12.07	10.95	10.28	9.04		
<i>AVERAGE ALL COMPANIES</i>		13.16	11.62	10.88	11.71	10.78	10.98	10.10	9.45	8.02	6.96	6.81

Source: Michigan Public Service Commission Utility Rate Books

Compiled by the Regulated Energy Division

Corrected CE Residential October 2009

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
October 1, 2007**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	5 <u>1000</u>	25 <u>5000</u>	100 <u>21600</u>	100 <u>28800</u>	100 <u>36000</u>	1000 <u>432000</u>	10000 <u>4320000</u>	50000 <u>21600000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER	11.82	10.97	10.55	11.10	10.56	10.23	9.10	8.32	6.18	4.89	4.88	
CONSUMERS ENERGY	9.69	9.69	9.69	11.99	11.26	11.07	9.68	8.85	7.11	7.29	7.02	
DETROIT EDISON	10.37	10.37	11.06	10.99	10.27	10.14	10.13	9.81	7.53	7.12	6.87	
EDISON SAULT ELECTRIC	9.31	8.63	8.29	9.99	9.40	9.29	9.24	8.75	8.19	8.17	8.17	
AEP (I&M) ST JOSEPH	7.71	6.60	6.29	9.96	8.20	7.90	7.58	7.39	5.15	5.04	4.78	
AEP (I&M) THREE RIVERS	8.40	7.48	7.03	8.51	8.43	8.08	7.61	7.17	5.37	5.12	4.92	
NORTHERN STATES POWER	10.41	9.56	9.13	9.67	9.07	9.24	8.34	7.80	7.45	7.42	7.42	
UPPER PENINSULA POWER	16.79	15.19	14.39	16.11	15.15	15.05	13.02	11.80	8.76	8.71	8.70	
UPPER PENINSULA POWER IRON RIVER	14.26	12.66	11.86	12.36	11.40	12.24	11.10	10.42	9.62	9.62	9.62	
WISCONSIN ELECTRIC	13.73	11.81	10.85	11.97	10.77	10.61	10.58	9.32	7.65	7.38	7.19	
WISCONSIN PUBLIC SERVICE	9.46	8.16	7.51	9.03	7.83	7.53	7.50	7.49	6.54	6.28	5.85	
<u>COOPERATIVES</u>												
ALGER DELTA	17.75	15.35	14.15	14.05	14.50	14.13	13.00	12.32	11.84			
CHERRYLAND	14.40	12.00	10.80	10.61	9.41	10.52	9.26	8.51	7.31			
CLOVERLAND	12.66	10.86	9.62	10.28	9.48	8.97	8.31	7.91	6.52			
GREAT LAKES	14.96	12.56	11.36	11.82	10.38	10.55	9.65	9.11	6.28			
MIDWEST ENERGY	13.77	11.37	10.17	10.37	9.25	9.55	8.55	7.95	8.61			
ONTONAGON	18.82	17.42	16.72	16.89	16.26	15.93	15.06	14.54	12.39			
PRESQUE ISLE	14.50	12.10	10.90	10.82	9.54	11.01	9.91	9.25	9.19			
THUMB	13.38	11.98	11.28	11.43	10.71	12.58	11.34	10.60	8.55			
TRI COUNTY	14.73	12.33	11.13	12.21	10.61	11.17	10.07	9.41	8.27			
<i>AVERAGE INVESTOR OWNED</i>	11.09	10.10	9.70	11.06	10.21	10.12	9.44	8.83	7.23	7.00	6.86	
<i>AVERAGE COOPERATIVE</i>	15.00	12.88	11.79	12.05	11.12	11.60	10.57	9.96	8.77			
<i>AVERAGE ALL COMPANIES</i>	12.85	11.35	10.64	11.51	10.62	10.79	9.95	9.34	7.93	7.00	6.86	

Source: Michigan Public Service Commission Utility Rate Books

Compiled by the Regulated Energy Division

Corrected CE Residential October 2009

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
September 1, 2007**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	5 <u>1000</u>	25 <u>5000</u>	100 <u>21600</u>	100 <u>28800</u>	100 <u>36000</u>	1000 <u>432000</u>	10000 <u>4320000</u>	50000 <u>21600000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		11.82	10.97	10.55	11.10	10.56	10.23	9.10	8.32	6.18	4.89	4.88
CONSUMERS ENERGY		9.69	9.69	10.50	11.99	11.26	11.07	9.68	8.85	7.11	7.29	7.02
DETROIT EDISON		10.37	10.37	11.06	10.99	10.27	10.14	10.13	9.81	7.53	7.12	6.87
EDISON SAULT ELECTRIC		9.31	8.63	8.29	9.99	9.40	9.29	9.24	8.75	8.19	8.17	8.17
AEP (I&M) ST JOSEPH		7.71	6.60	6.29	9.96	8.20	7.90	7.58	7.39	5.15	5.04	4.78
AEP (I&M) THREE RIVERS		8.40	7.48	7.03	8.51	8.43	8.08	7.61	7.17	5.37	5.12	4.92
NORTHERN STATES POWER		10.41	9.56	9.13	9.67	9.07	9.24	8.34	7.80	7.45	7.42	7.42
UPPER PENINSULA POWER		16.79	15.19	14.39	16.11	15.15	15.05	13.02	11.80	8.76	8.71	8.70
UPPER PENINSULA POWER IRON RIVER		14.26	12.66	11.86	12.36	11.40	12.24	11.10	10.42	9.62	9.62	9.62
WISCONSIN ELECTRIC		13.62	11.70	10.74	11.86	10.66	10.49	10.46	9.20	7.53	7.26	7.08
WISCONSIN PUBLIC SERVICE		9.46	8.16	7.51	9.03	7.83	7.53	7.50	7.49	6.54	6.28	5.85
<u>COOPERATIVES</u>												
ALGER DELTA		17.75	15.35	14.15	14.05	14.50	14.13	13.00	12.32	11.84		
CHERRYLAND		14.40	12.00	10.80	10.61	9.41	10.52	9.26	8.51	7.31		
CLOVERLAND		12.66	10.86	9.62	10.28	9.48	8.97	8.31	7.91	6.52		
GREAT LAKES		14.96	12.56	11.36	11.82	10.38	10.55	9.65	9.11	6.28		
MIDWEST ENERGY		13.77	11.37	10.17	10.37	9.25	9.55	8.55	7.95	8.61		
ONTONAGON		18.82	17.42	16.72	16.89	16.26	15.93	15.06	14.54	12.39		
PRESQUE ISLE		14.50	12.10	10.90	10.82	9.54	11.01	9.91	9.25	9.19		
THUMB		13.00	11.60	10.90	11.04	10.32	12.20	10.96	10.22	8.17		
TRI COUNTY		14.73	12.33	11.13	12.21	10.61	11.17	10.07	9.41	8.27		
<i>AVERAGE INVESTOR OWNED</i>		11.08	10.09	9.76	11.05	10.20	10.11	9.43	8.82	7.22	6.99	6.85
<i>AVERAGE COOPERATIVE</i>		14.95	12.84	11.75	12.01	11.08	11.56	10.53	9.91	8.73		
<i>AVERAGE ALL COMPANIES</i>		12.82	11.33	10.65	11.48	10.60	10.76	9.93	9.31	7.90	6.99	6.85

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
August 1, 2007**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	<u>5</u> <u>1000</u>	<u>25</u> <u>5000</u>	<u>100</u> <u>21600</u>	<u>100</u> <u>28800</u>	<u>100</u> <u>36000</u>	<u>1000</u> <u>432000</u>	<u>10000</u> <u>4320000</u>	<u>50000</u> <u>21600000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER	11.82	10.97	10.55	11.10	10.56	10.23	9.10	8.32	6.18	4.89	4.88	
CONSUMERS ENERGY	9.69	9.69	10.50	11.99	11.26	11.07	9.68	8.85	7.11	7.29	7.02	
DETROIT EDISON	10.37	10.37	11.06	10.99	10.27	10.14	10.13	9.81	7.53	7.12	6.87	
EDISON SAULT ELECTRIC	9.23	8.55	8.21	9.91	9.32	9.20	9.15	8.67	8.10	8.08	8.08	
AEP (I&M) ST JOSEPH	7.71	6.60	6.30	9.97	8.20	7.90	7.59	7.40	5.15	5.04	4.78	
AEP (I&M) THREE RIVERS	8.40	7.49	7.03	8.52	8.44	8.08	7.61	7.17	5.37	5.12	4.92	
NORTHERN STATES POWER	10.41	9.56	9.13	9.67	9.07	9.24	8.34	7.80	7.45	7.42	7.42	
UPPER PENINSULA POWER	16.79	15.19	14.39	16.11	15.15	15.05	13.02	11.80	8.76	8.71	8.70	
UPPER PENINSULA POWER IRON RIVER	14.26	12.66	11.86	12.36	11.40	12.24	11.10	10.42	9.62	9.62	9.62	
WISCONSIN ELECTRIC	13.62	11.70	10.74	11.86	10.66	10.49	10.46	9.20	7.53	7.26	7.08	
WISCONSIN PUBLIC SERVICE	9.46	8.16	7.51	9.03	7.83	7.53	7.50	7.49	6.54	6.28	5.85	
<u>COOPERATIVES</u>												
ALGER DELTA	17.75	15.35	14.15	14.05	14.50	14.13	13.00	12.32	11.84			
CHERRYLAND	14.40	12.00	10.80	10.61	9.41	10.52	9.26	8.51	7.31			
CLOVERLAND	12.66	10.86	9.62	10.28	9.48	8.97	8.31	7.91	6.52			
GREAT LAKES	14.96	12.56	11.36	11.82	10.38	10.55	9.65	9.11	6.28			
MIDWEST ENERGY	13.77	11.37	10.17	10.37	9.25	9.55	8.55	7.95	8.61			
ONTONAGON	18.82	17.42	16.72	16.89	16.26	15.93	15.06	14.54	12.39			
PRESQUE ISLE	14.50	12.10	10.90	10.82	9.54	11.01	9.91	9.25	9.19			
THUMB	13.38	11.98	11.28	11.43	10.71	12.58	11.34	10.60	8.55			
TRI COUNTY	14.73	12.33	11.13	12.21	10.61	11.17	10.07	9.41	8.27			
<i>AVERAGE INVESTOR OWNED</i>	11.07	10.08	9.75	11.04	10.20	10.11	9.43	8.81	7.21	6.98	6.84	
<i>AVERAGE COOPERATIVE</i>	15.00	12.88	11.79	12.05	11.12	11.60	10.57	9.96	8.77			
<i>AVERAGE ALL COMPANIES</i>	12.84	11.34	10.67	11.50	10.61	10.78	9.94	9.33	7.92	6.98	6.84	

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
July 1, 2007**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	5 <u>1000</u>	25 <u>5000</u>	100 <u>21600</u>	100 <u>28800</u>	100 <u>36000</u>	1000 <u>432000</u>	10000 <u>4320000</u>	50000 <u>21600000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		11.82	10.97	10.55	11.10	10.56	10.23	9.10	8.32	6.18	4.89	4.88
CONSUMERS ENERGY		9.69	9.69	10.50	11.99	11.26	11.07	9.68	8.85	7.11	7.29	7.02
DETROIT EDISON		10.37	10.37	11.06	10.68	9.97	9.83	9.82	9.51	7.84	7.42	7.17
EDISON SAULT ELECTRIC		9.23	8.55	8.21	9.91	9.32	9.20	9.15	8.67	8.10	8.08	8.08
AEP (I&M) ST JOSEPH		7.71	6.60	6.30	9.97	8.20	7.90	7.59	7.40	5.15	5.04	4.78
AEP (I&M) THREE RIVERS		8.40	7.49	7.03	8.52	8.44	8.08	7.61	7.17	5.37	5.12	4.92
NORTHERN STATES POWER		10.41	9.56	9.13	9.67	9.07	9.24	8.34	7.80	7.45	7.42	7.42
UPPER PENINSULA POWER		16.00	14.40	13.60	15.32	14.36	14.25	12.22	11.00	7.97	7.91	7.91
UPPER PENINSULA POWER IRON RIVER		13.38	11.78	10.98	11.49	10.53	11.36	10.23	9.55	8.75	8.75	8.75
WISCONSIN ELECTRIC		13.62	11.70	10.74	11.86	10.66	10.49	10.46	9.20	7.53	7.26	7.08
WISCONSIN PUBLIC SERVICE		9.46	8.16	7.51	9.03	7.83	7.53	7.50	7.49	6.54	6.28	5.85
<u>COOPERATIVES</u>												
ALGER DELTA		17.75	15.35	14.15	14.05	14.50	14.13	13.00	12.32	11.84		
CHERRYLAND		14.40	12.00	10.80	10.61	9.41	10.52	9.26	8.51	7.31		
CLOVERLAND		12.66	10.86	9.62	10.28	9.48	8.97	8.31	7.91	6.52		
GREAT LAKES		14.96	12.56	11.36	11.82	10.38	10.55	9.65	9.11	6.28		
MIDWEST ENERGY		13.77	11.37	10.17	10.01	8.89	9.20	8.20	7.60	8.43		
ONTONAGON		18.82	17.42	16.72	16.89	16.26	15.93	15.06	14.54	12.39		
PRESQUE ISLE		14.50	12.10	10.90	10.82	9.54	11.01	9.91	9.25	9.19		
THUMB		13.00	11.60	10.90	9.82	9.16	10.71	9.48	8.73	6.98		
TRI COUNTY		15.13	12.73	11.53	12.23	10.63	11.32	10.23	9.57	8.47		
<i>AVERAGE INVESTOR OWNED</i>		10.92	9.93	9.60	10.87	10.02	9.93	9.25	8.63	7.09	6.86	6.71
<i>AVERAGE COOPERATIVE</i>		15.00	12.89	11.79	11.84	10.92	11.37	10.34	9.73	8.60		
<i>AVERAGE ALL COMPANIES</i>		12.75	11.26	10.59	11.30	10.42	10.58	9.74	9.13	7.77	6.86	6.71

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
June 1, 2007**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	<u>5</u> <u>1000</u>	<u>25</u> <u>5000</u>	<u>100</u> <u>21600</u>	<u>100</u> <u>28800</u>	<u>100</u> <u>36000</u>	<u>1000</u> <u>432000</u>	<u>10000</u> <u>4320000</u>	<u>50000</u> <u>21600000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER	10.97	10.17	9.77	10.42	9.88	9.67	8.60	7.85	5.89	4.87	4.86	
CONSUMERS ENERGY	9.69	9.69	10.50	11.99	11.26	11.07	9.68	8.85	7.11	7.29	7.02	
DETROIT EDISON	10.48	10.48	11.17	11.19	10.47	10.34	10.33	10.01	7.73	7.32	7.07	
EDISON SAULT ELECTRIC	9.23	8.55	8.21	9.91	9.32	9.20	9.15	8.67	8.10	8.08	8.08	
AEP (I&M) ST JOSEPH	7.71	6.60	6.30	9.97	8.20	7.90	7.59	7.40	5.15	5.04	4.78	
AEP (I&M) THREE RIVERS	8.40	7.49	7.03	8.52	8.44	8.08	7.61	7.17	5.37	5.12	4.92	
NORTHERN STATES POWER	10.41	9.56	9.13	9.67	9.07	9.24	8.34	7.80	7.45	7.42	7.42	
UPPER PENINSULA POWER	16.00	14.40	13.60	15.32	14.36	14.25	12.22	11.00	7.97	7.91	7.91	
UPPER PENINSULA POWER IRON RIVER	13.38	11.78	10.98	11.49	10.53	11.36	10.23	9.55	8.75	8.75	8.75	
WISCONSIN ELECTRIC	13.62	11.70	10.74	11.86	10.66	10.49	10.46	9.20	7.53	7.26	7.08	
WISCONSIN PUBLIC SERVICE	9.46	8.16	7.51	9.03	7.83	7.53	7.50	7.49	6.54	6.28	5.85	
<u>COOPERATIVES</u>												
ALGER DELTA	17.75	15.35	14.15	14.05	14.50	14.13	13.00	12.32	11.84			
CHERRYLAND	14.40	12.00	10.80	10.61	9.41	10.52	9.26	8.51	7.31			
CLOVERLAND	12.66	10.86	9.62	10.28	9.48	8.97	8.31	7.91	6.52			
GREAT LAKES	14.57	12.17	10.97	11.82	10.38	10.55	9.65	9.11	6.28			
MIDWEST ENERGY	13.42	11.02	9.82	10.01	8.89	9.20	8.20	7.60	8.43			
ONTONAGON	18.82	17.42	16.72	16.89	16.26	15.93	15.06	14.54	12.39			
PRESQUE ISLE	14.24	11.84	10.64	10.82	9.54	11.01	9.91	9.25	9.19			
THUMB	12.38	11.13	10.51	11.02	10.36	11.91	10.67	9.93	8.17			
TRI COUNTY	14.76	12.36	11.16	12.23	10.63	11.32	10.23	9.57	8.47			
AVERAGE INVESTOR OWNED	10.85	9.87	9.54	10.85	10.00	9.92	9.25	8.64	7.05	6.85	6.70	
AVERAGE COOPERATIVE	14.78	12.68	11.60	11.97	11.05	11.50	10.48	9.86	8.73			
AVERAGE ALL COMPANIES	12.62	11.14	10.47	11.35	10.47	10.63	9.80	9.19	7.81	6.85	6.70	

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
May 1, 2007**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1000	5	25	100	100	100	1000	10000	50000
		<u>250</u>	<u>500</u>	<u>1000</u>	<u>1000</u>	<u>5000</u>	<u>21600</u>	<u>28800</u>	<u>36000</u>	<u>432000</u>	<u>4320000</u>	<u>21500000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		10.97	10.17	9.77	10.42	9.88	9.67	8.60	7.85	5.89	4.87	4.86
CONSUMERS ENERGY		10.13	10.13	10.13	12.43	11.70	11.51	10.12	9.29	7.55	7.73	7.46
DETROIT EDISON		10.48	10.48	11.17	11.19	10.47	10.34	10.33	10.01	7.73	7.32	7.07
EDISON SAULT ELECTRIC		9.23	8.55	8.21	9.91	9.32	9.20	9.15	8.67	8.10	8.08	8.08
AEP (I&M) ST JOSEPH		7.71	6.60	6.30	9.97	8.20	7.90	7.59	7.40	5.14	5.03	4.79
AEP (I&M) THREE RIVERS		8.40	7.49	7.03	8.52	8.44	8.08	7.61	7.17	5.37	5.11	4.92
NORTHERN STATES POWER		10.41	9.56	9.13	9.67	9.07	9.24	8.34	7.80	7.45	7.42	7.42
UPPER PENINSULA POWER		16.00	14.40	13.60	15.32	14.36	14.25	12.22	11.00	7.97	7.91	7.92
UPPER PENINSULA POWER IRON RIVER		13.38	11.78	10.98	11.49	10.53	11.36	10.23	9.55	8.75	8.75	8.75
WISCONSIN ELECTRIC		13.50	11.58	10.62	11.72	10.52	10.35	10.32	8.86	7.47	7.21	7.07
WISCONSIN PUBLIC SERVICE		9.46	8.16	7.51	9.03	7.83	7.53	7.50	7.49	6.54	6.28	5.85
<u>COOPERATIVES</u>												
ALGER DELTA		17.75	15.35	14.15	14.05	14.50	14.13	13.00	12.32	11.84		
CHERRYLAND		14.40	12.00	10.80	10.61	9.41	10.52	9.26	8.51	7.31		
CLOVERLAND		12.66	10.86	9.62	10.28	9.48	8.97	8.31	7.91	6.52		
GREAT LAKES		14.57	12.17	10.97	11.82	10.38	10.55	9.65	9.11	6.28		
MIDWEST ENERGY		13.42	11.02	9.82	10.01	8.89	9.20	8.20	7.60	8.43		
ONTONAGON		18.82	17.42	16.72	16.89	16.26	15.93	15.06	14.54	12.39		
PRESQUE ISLE		14.24	11.84	10.64	10.82	9.54	11.01	9.91	9.25	9.19		
THUMB		12.38	11.13	10.51	11.02	10.36	11.91	10.67	9.93	8.17		
TRI COUNTY		14.76	12.36	11.16	12.23	10.63	11.32	10.23	9.57	8.47		
<i>AVERAGE INVESTOR OWNED</i>		10.88	9.90	9.50	10.88	10.03	9.95	9.27	8.64	7.09	6.88	6.74
<i>AVERAGE COOPERATIVE</i>		14.78	12.68	11.60	11.97	11.05	11.50	10.48	9.86	8.73		
<i>AVERAGE ALL COMPANIES</i>		12.63	11.15	10.44	11.37	10.49	10.65	9.81	9.19	7.83	6.88	6.74

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
April 1, 2007**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	5 <u>1000</u>	25 <u>5000</u>	100 <u>21600</u>	100 <u>28800</u>	100 <u>36000</u>	1000 <u>432000</u>	10000 <u>4320000</u>	50000 <u>21500000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER	10.97	10.17	9.77	10.42	9.88	9.67	8.60	7.85	5.89	4.87	4.86	
CONSUMERS ENERGY	10.14	10.14	10.14	12.45	11.72	11.53	10.14	9.30	7.56	7.74	7.47	
DETROIT EDISON	10.48	10.48	11.17	11.18	10.46	10.33	10.32	10.01	7.72	7.31	7.06	
EDISON SAULT ELECTRIC	8.72	8.04	7.70	9.40	8.81	8.70	8.65	8.16	7.60	7.58	7.58	
AEP (I&M) ST JOSEPH	7.73	6.62	6.31	9.99	8.21	7.91	7.59	7.40	5.15	5.04	4.79	
AEP (I&M) THREE RIVERS	8.42	7.50	7.05	8.54	8.44	8.09	7.62	7.14	5.37	5.12	4.92	
NORTHERN STATES POWER	10.41	9.56	9.13	9.67	9.07	9.24	8.34	7.80	7.45	7.42	7.42	
UPPER PENINSULA POWER	16.79	15.19	14.39	16.11	15.15	15.05	13.02	11.80	8.76	8.71	8.71	
UPPER PENINSULA POWER IRON RIVER	13.32	11.72	10.92	11.43	10.47	11.30	10.17	9.49	8.69	8.69	8.69	
WISCONSIN ELECTRIC	13.50	11.58	10.62	11.72	10.52	10.35	10.32	8.86	7.47	7.21	7.07	
WISCONSIN PUBLIC SERVICE	9.86	8.56	7.91	9.42	8.22	7.93	7.90	7.89	6.94	6.68	6.25	
<u>COOPERATIVES</u>												
ALGER DELTA	17.92	15.52	14.32	14.22	14.67	14.30	13.17	12.49	12.01			
CHERRYLAND	14.30	11.90	10.70	10.50	9.30	10.41	9.16	8.40	7.21			
CLOVERLAND	12.66	10.86	9.62	10.28	9.48	8.97	8.31	7.91	6.52			
GREAT LAKES	14.57	12.17	10.97	11.82	10.38	10.55	9.65	9.11	6.28			
MIDWEST ENERGY	13.42	11.02	9.82	10.01	8.89	9.20	8.20	7.60	8.43			
ONTONAGON	18.82	17.42	16.72	16.89	16.26	15.93	15.06	14.54	12.39			
PRESQUE ISLE	14.24	11.84	10.64	10.82	9.54	11.01	9.91	9.25	9.19			
THUMB	12.38	11.13	10.51	11.02	10.36	11.91	10.67	9.93	8.17			
TRI COUNTY	14.76	12.36	11.16	12.23	10.63	11.32	10.23	9.57	8.47			
<i>AVERAGE INVESTOR OWNED</i>	10.94	9.96	9.56	10.94	10.09	10.01	9.33	8.70	7.14	6.94	6.80	
<i>AVERAGE COOPERATIVE</i>	14.78	12.69	11.61	11.98	11.06	11.51	10.48	9.87	8.74			
<i>AVERAGE ALL COMPANIES</i>	12.67	11.19	10.48	11.41	10.52	10.68	9.85	9.22	7.86	6.94	6.80	

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
March 1, 2007**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	<u>5</u> <u>1000</u>	<u>25</u> <u>5000</u>	<u>100</u> <u>21600</u>	<u>100</u> <u>28800</u>	<u>100</u> <u>36000</u>	<u>1000</u> <u>432000</u>	<u>10000</u> <u>4320000</u>	<u>50000</u> <u>21500000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		10.97	10.17	9.77	10.42	9.88	9.67	8.60	7.85	5.89	4.87	4.86
CONSUMERS ENERGY		10.14	10.14	10.14	12.45	11.72	11.53	10.14	9.30	7.56	7.74	7.47
DETROIT EDISON		10.48	10.48	11.17	11.18	10.46	10.33	10.32	10.01	7.72	7.31	7.06
EDISON SAULT ELECTRIC		8.72	8.04	7.70	9.40	8.81	8.70	8.65	8.16	7.60	7.58	7.58
AEP (I&M) ST JOSEPH		7.72	6.61	6.30	9.97	8.22	7.92	7.60	7.41	5.15	5.04	4.79
AEP (I&M) THREE RIVERS		8.41	7.50	7.04	8.52	8.45	8.10	7.63	7.16	5.38	5.12	4.84
NORTHERN STATES POWER		10.63	9.78	9.35	9.89	9.29	9.45	8.56	8.02	7.67	7.64	7.64
UPPER PENINSULA POWER		16.79	15.19	14.39	16.11	15.15	15.05	13.02	11.80	8.76	8.70	8.71
UPPER PENINSULA POWER IRON RIVER		13.32	11.72	10.92	11.43	10.47	11.30	10.17	9.49	8.69	8.69	8.69
WISCONSIN ELECTRIC		13.50	11.58	10.62	11.72	10.52	10.35	10.32	8.86	7.47	7.21	7.07
WISCONSIN PUBLIC SERVICE		10.59	9.29	8.64	10.16	8.96	8.67	8.64	8.62	7.67	7.42	6.98
<u>COOPERATIVES</u>												
ALGER DELTA		17.92	15.52	14.32	14.22	14.67	14.30	13.17	12.49	12.01		
CHERRYLAND		14.30	11.90	10.70	10.50	9.30	10.41	9.16	8.40	7.21		
CLOVERLAND		12.66	10.86	9.62	10.28	9.48	8.97	8.31	7.91	6.52		
GREAT LAKES		14.57	12.17	10.97	11.82	10.38	10.55	9.65	9.11	6.28		
MIDWEST ENERGY		13.42	11.02	9.82	10.01	8.89	9.20	8.20	7.60	8.43		
ONTONAGON		18.82	17.42	16.72	16.89	16.26	15.93	15.06	14.54	12.39		
PRESQUE ISLE		14.24	11.84	10.64	10.82	9.54	11.01	9.91	9.25	9.19		
THUMB		12.10	10.85	10.23	10.74	10.08	11.63	10.39	9.65	7.89		
TRI COUNTY		14.76	12.36	11.16	12.23	10.63	11.32	10.23	9.57	8.47		
<i>AVERAGE INVESTOR OWNED</i>		11.02	10.05	9.64	11.02	10.18	10.10	9.42	8.79	7.23	7.03	6.88
<i>AVERAGE COOPERATIVE</i>		14.75	12.66	11.57	11.94	11.02	11.48	10.45	9.84	8.71		
<i>AVERAGE ALL COMPANIES</i>		12.70	11.22	10.51	11.44	10.56	10.72	9.88	9.26	7.90	7.03	6.88

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
February 1, 2007**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1000	5	25	100	100	100	1000	10000	50000
		<u>250</u>	<u>500</u>	<u>1000</u>	<u>1000</u>	<u>5000</u>	<u>21600</u>	<u>28800</u>	<u>36000</u>	<u>432000</u>	<u>4320000</u>	<u>21500000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		11.45	10.15	9.75	10.40	9.86	9.65	8.58	7.84	5.87	4.86	4.85
CONSUMERS ENERGY		10.14	10.14	10.14	12.45	11.72	11.53	10.14	9.30	7.56	7.74	7.47
DETROIT EDISON		10.50	10.50	11.19	11.21	10.49	10.36	10.35	10.03	7.75	7.34	7.09
EDISON SAULT ELECTRIC		8.72	8.04	7.70	9.40	8.81	8.70	8.65	8.16	7.60	7.58	7.58
AEP (I&M) ST JOSEPH		7.72	6.61	6.30	9.97	8.22	7.92	7.60	7.41	5.15	5.04	4.79
AEP (I&M) THREE RIVERS		8.41	7.50	7.04	8.52	8.45	8.10	7.63	7.16	5.38	5.12	4.84
NORTHERN STATES POWER		10.63	9.78	9.35	9.89	9.29	9.45	8.56	8.02	7.67	7.64	7.64
UPPER PENINSULA POWER		17.07	15.47	14.67	16.39	15.43	15.32	13.29	12.07	9.03	8.98	8.98
UPPER PENINSULA POWER IRON RIVER		13.60	12.00	11.20	11.71	10.75	11.58	10.44	9.76	8.96	8.96	8.96
WISCONSIN ELECTRIC		13.50	11.58	10.62	11.72	10.52	10.35	10.32	8.86	7.47	7.21	7.07
WISCONSIN PUBLIC SERVICE		10.59	9.29	8.64	10.16	8.96	8.67	8.64	8.62	7.67	7.42	6.98
<u>COOPERATIVES</u>												
ALGER DELTA		17.92	15.52	14.32	14.22	14.67	14.30	13.17	12.49	12.01		
CHERRYLAND		14.30	11.90	10.70	10.50	9.30	10.41	9.16	8.40	7.21		
CLOVERLAND		12.66	10.86	9.62	10.28	9.48	8.97	8.31	7.91	6.52		
GREAT LAKES		14.57	12.17	10.97	11.82	10.38	10.55	9.65	9.11	6.28		
MIDWEST ENERGY		13.42	11.02	9.82	10.01	8.89	9.20	8.20	7.60	8.43		
ONTONAGON		18.82	17.42	16.72	16.89	16.26	15.93	15.06	14.54	12.39		
PRESQUE ISLE		14.24	11.84	10.64	10.82	9.54	11.01	9.91	9.25	9.19		
THUMB		12.10	10.85	10.23	10.74	10.08	11.63	10.39	9.64	7.89		
TRI COUNTY		14.76	12.36	11.16	12.23	10.63	11.32	10.23	9.57	8.47		
<i>AVERAGE INVESTOR OWNED</i>		11.12	10.10	9.69	11.07	10.23	10.15	9.47	8.84	7.28	7.08	6.93
<i>AVERAGE COOPERATIVE</i>		14.75	12.66	11.57	11.94	11.02	11.48	10.45	9.84	8.71		
<i>AVERAGE ALL COMPANIES</i>		12.76	11.25	10.54	11.47	10.59	10.75	9.91	9.29	7.93	7.08	6.93

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
January 1, 2007**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	<u>5</u> <u>1000</u>	<u>25</u> <u>5000</u>	<u>100</u> <u>21600</u>	<u>100</u> <u>28800</u>	<u>100</u> <u>36000</u>	<u>1000</u> <u>432000</u>	<u>10000</u> <u>4320000</u>	<u>50000</u> <u>21500000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		11.45	10.15	9.75	10.40	9.86	9.65	8.58	7.84	5.87	4.86	4.85
CONSUMERS ENERGY		10.14	10.14	10.14	12.45	11.72	11.53	10.14	9.30	7.56	7.74	7.47
DETROIT EDISON		10.50	10.50	11.19	11.21	10.49	10.36	10.35	10.03	7.75	7.34	7.09
EDISON SAULT ELECTRIC		8.72	8.04	7.70	9.40	8.81	8.70	8.65	8.16	7.60	7.58	7.58
AEP (I&M) ST JOSEPH		7.72	6.61	6.30	9.97	8.22	7.92	7.60	7.41	5.15	5.04	4.79
AEP (I&M) THREE RIVERS		8.41	7.50	7.04	8.52	8.45	8.10	7.63	7.16	5.38	5.12	4.84
NORTHERN STATES POWER		10.63	9.78	9.35	9.89	9.29	9.45	8.56	8.02	7.67	7.64	7.64
UPPER PENINSULA POWER		16.15	14.55	13.75	15.47	14.51	14.41	12.38	11.16	8.12	8.06	8.07
UPPER PENINSULA POWER IRON RIVER		14.07	12.47	11.67	12.18	11.22	12.05	10.92	10.24	9.43	9.43	9.43
WISCONSIN ELECTRIC		13.50	11.58	10.62	11.72	10.52	10.35	10.32	8.86	7.47	7.21	7.07
WISCONSIN PUBLIC SERVICE		10.59	9.29	8.64	10.16	8.96	8.67	8.64	8.62	7.67	7.42	6.98
<u>COOPERATIVES</u>												
ALGER DELTA		17.92	15.52	14.32	14.22	14.67	14.30	13.17	12.49	12.01		
CHERRYLAND		14.30	11.90	10.70	10.50	9.30	10.41	9.16	8.40	7.21		
CLOVERLAND		12.66	10.86	9.62	10.28	9.48	8.97	8.31	7.91	6.52		
GREAT LAKES		14.57	12.17	10.97	11.82	10.38	10.55	9.65	9.11	6.28		
MIDWEST ENERGY		13.42	11.02	9.82	10.01	8.89	9.20	8.20	7.60	8.43		
ONTONAGON		18.46	17.06	16.36	16.53	15.90	15.57	14.70	14.18	12.03		
PRESQUE ISLE		14.24	11.84	10.64	10.82	9.54	11.01	9.91	9.25	9.19		
THUMB		12.48	11.23	10.61	11.12	10.46	12.01	10.77	10.03	8.27		
TRI COUNTY		14.76	12.36	11.16	12.23	10.63	11.32	10.23	9.57	8.47		
<i>AVERAGE INVESTOR OWNED</i>		11.08	10.06	9.65	11.03	10.19	10.11	9.43	8.80	7.24	7.04	6.89
<i>AVERAGE COOPERATIVE</i>		14.76	12.66	11.58	11.95	11.03	11.48	10.45	9.84	8.71		
<i>AVERAGE ALL COMPANIES</i>		12.73	11.23	10.52	11.44	10.56	10.73	9.89	9.27	7.90	7.04	6.89

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
December 1, 2006**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	5 <u>1000</u>	25 <u>5000</u>	100 <u>21600</u>	100 <u>28800</u>	100 <u>36000</u>	1000 <u>432000</u>	10000 <u>4320000</u>	50000 <u>21500000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER	10.91	9.61	9.21	9.86	9.32	9.11	8.04	7.30	5.33	4.31	4.30	
CONSUMERS ENERGY	9.64	9.64	9.64	11.82	11.11	10.92	9.53	8.70	6.96	7.14	6.87	
DETROIT EDISON	10.21	10.21	10.90	10.97	10.25	10.12	10.11	9.78	7.49	7.08	6.83	
EDISON SAULT ELECTRIC	8.21	7.53	7.19	8.89	8.29	8.18	8.13	7.65	7.08	7.06	7.06	
AEP (I&M) ST JOSEPH	7.42	6.31	6.00	9.68	7.92	7.62	7.30	7.12	4.85	4.74	4.49	
AEP (I&M) THREE RIVERS	8.00	7.09	6.63	8.11	8.04	7.69	7.22	6.75	4.97	4.71	4.44	
NORTHERN STATES POWER	10.29	9.44	9.01	9.55	8.95	9.11	8.22	7.68	7.33	7.30	7.30	
UPPER PENINSULA POWER	16.39	14.79	13.99	15.71	14.75	14.65	12.62	11.40	8.36	8.30	8.31	
UPPER PENINSULA POWER IRON RIVER	12.54	10.94	10.14	10.65	9.69	10.52	9.38	8.70	7.90	7.90	7.90	
WISCONSIN ELECTRIC	14.28	12.36	11.40	12.50	11.30	11.14	11.10	9.65	8.25	7.99	7.85	
WISCONSIN PUBLIC SERVICE	9.52	8.22	7.57	9.08	7.88	7.59	7.56	7.55	6.60	6.34	5.91	
<u>COOPERATIVES</u>												
ALGER DELTA	17.12	14.72	13.52	13.42	13.87	13.51	12.37	11.69	11.21			
CHERRYLAND	14.38	11.98	10.78	10.59	9.39	10.50	9.24	8.49	7.29			
CLOVERLAND	11.85	10.05	8.82	9.47	8.67	8.16	7.50	7.11	5.72			
GREAT LAKES	14.39	11.99	10.79	11.64	10.20	10.37	9.47	8.93	6.10			
MIDWEST ENERGY	13.16	10.76	9.56	9.76	8.64	8.94	7.94	7.35	8.18			
ONTONAGON	17.98	16.58	15.88	16.05	15.42	15.09	14.22	13.70	11.55			
PRESQUE ISLE	14.29	11.89	10.69	10.87	9.59	11.06	9.96	9.30	9.24			
THUMB	11.98	10.73	10.10	10.61	9.95	11.50	10.26	9.52	7.76			
TRI COUNTY	14.96	12.56	11.36	12.43	10.83	11.52	10.43	9.77	8.67			
<i>AVERAGE INVESTOR OWNED</i>	10.67	9.65	9.24	10.62	9.77	9.70	9.02	8.39	6.83	6.63	6.48	
<i>AVERAGE COOPERATIVE</i>	14.46	12.36	11.28	11.65	10.73	11.18	10.16	9.54	8.41			
<i>AVERAGE ALL COMPANIES</i>	12.38	10.87	10.16	11.08	10.20	10.36	9.53	8.91	7.54	6.63	6.48	

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
November 1, 2006**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	5 <u>1000</u>	25 <u>5000</u>	100 <u>21600</u>	100 <u>28800</u>	100 <u>36000</u>	1000 <u>432000</u>	10000 <u>4320000</u>	50000 <u>21500000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		10.91	9.61	9.21	9.86	9.32	9.11	8.04	7.30	5.33	4.31	4.30
CONSUMERS ENERGY		9.64	9.64	9.64	11.82	11.11	10.93	9.53	8.70	6.96	7.14	6.87
DETROIT EDISON		10.21	10.21	10.90	10.97	10.25	10.12	10.11	9.78	7.49	7.08	6.83
EDISON SAULT ELECTRIC		8.21	7.53	7.19	8.89	8.29	8.18	8.13	7.65	7.08	7.06	7.06
AEP (I&M) ST JOSEPH		7.25	6.14	5.84	9.51	7.75	7.45	7.14	6.95	4.69	4.58	4.49
AEP (I&M) THREE RIVERS		8.44	7.52	7.07	8.55	8.48	8.13	7.66	7.18	5.40	5.15	4.87
NORTHERN STATES POWER		10.29	9.44	9.01	9.55	8.95	9.11	8.22	7.68	7.33	7.30	7.30
UPPER PENINSULA POWER		15.08	13.48	12.68	14.40	13.44	13.33	11.30	10.08	7.04	6.98	6.99
UPPER PENINSULA POWER IRON RIVER		10.96	9.36	8.56	9.07	8.11	8.94	7.81	7.13	6.32	6.32	6.32
WISCONSIN ELECTRIC		14.28	12.36	11.40	12.50	11.30	11.14	11.10	9.65	8.25	7.99	7.85
WISCONSIN PUBLIC SERVICE		9.52	8.22	7.57	9.08	7.88	7.59	7.56	7.55	6.60	6.34	5.91
<u>COOPERATIVES</u>												
ALGER DELTA		17.12	14.72	13.52	13.42	13.87	13.51	12.37	11.69	11.21		
CHERRYLAND		14.38	11.98	10.78	10.59	9.39	10.50	9.24	8.49	7.29		
CLOVERLAND		11.85	10.05	8.82	9.47	8.67	8.16	7.50	7.11	5.72		
GREAT LAKES		14.39	11.99	10.79	11.64	10.20	10.37	9.47	8.93	6.10		
MIDWEST ENERGY		13.16	10.76	9.56	9.76	8.64	8.94	7.94	7.35	8.18		
ONTONAGON		17.98	16.58	15.88	16.05	15.42	15.09	14.22	13.70	11.55		
PRESQUE ISLE		14.29	11.89	10.69	10.87	9.59	11.06	9.96	9.30	9.24		
THUMB		11.98	10.73	10.10	10.61	9.95	11.50	10.26	9.52	7.76		
TRI COUNTY		14.96	12.56	11.36	12.43	10.83	11.52	10.43	9.77	8.67		
<i>AVERAGE INVESTOR OWNED</i>		10.43	9.41	9.01	10.38	9.54	9.46	8.78	8.15	6.59	6.39	6.25
<i>AVERAGE COOPERATIVE</i>		14.46	12.36	11.28	11.65	10.73	11.18	10.16	9.54	8.41		
<i>AVERAGE ALL COMPANIES</i>		12.24	10.74	10.03	10.95	10.07	10.23	9.40	8.77	7.41	6.39	6.25

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
November 1, 2006**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	5 <u>1000</u>	25 <u>5000</u>	100 <u>21600</u>	100 <u>28800</u>	100 <u>36000</u>	1000 <u>432000</u>	10000 <u>4320000</u>	50000 <u>21500000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER	10.91	9.61	9.21	9.86	9.32	9.11	8.04	7.30	5.33	4.31	4.30	
CONSUMERS ENERGY	9.64	9.64	9.64	11.82	11.11	10.93	9.53	8.70	6.96	7.14	6.87	
DETROIT EDISON	10.21	10.21	10.90	10.97	10.25	10.12	10.11	9.78	7.49	7.08	6.83	
EDISON SAULT ELECTRIC	8.21	7.53	7.19	8.89	8.29	8.18	8.13	7.65	7.08	7.06	7.06	
AEP (I&M) ST JOSEPH	7.25	6.14	5.84	9.51	7.75	7.45	7.14	6.95	4.69	4.58	4.49	
AEP (I&M) THREE RIVERS	8.44	7.52	7.07	8.55	8.48	8.13	7.66	7.18	5.40	5.15	4.87	
NORTHERN STATES POWER	10.29	9.44	9.01	9.55	8.95	9.11	8.22	7.68	7.33	7.30	7.30	
UPPER PENINSULA POWER	15.08	13.48	12.68	14.40	13.44	13.33	11.30	10.08	7.04	6.98	6.99	
UPPER PENINSULA POWER IRON RIVER	10.96	9.36	8.56	9.07	8.11	8.94	7.81	7.13	6.32	6.32	6.32	
WISCONSIN ELECTRIC	14.28	12.36	11.40	12.50	11.30	11.14	11.10	9.65	8.25	7.99	7.85	
WISCONSIN PUBLIC SERVICE	9.52	8.22	7.57	9.08	7.88	7.59	7.56	7.55	6.60	6.34	5.91	
<u>COOPERATIVES</u>												
ALGER DELTA	17.12	14.72	13.52	13.42	13.87	13.51	12.37	11.69	11.21			
CHERRYLAND	14.38	11.98	10.78	10.59	9.39	10.50	9.24	8.49	7.29			
CLOVERLAND	11.85	10.05	8.82	9.47	8.67	8.16	7.50	7.11	5.72			
GREAT LAKES	14.39	11.99	10.79	11.64	10.20	10.37	9.47	8.93	6.10			
MIDWEST ENERGY	13.16	10.76	9.56	9.76	8.64	8.94	7.94	7.35	8.18			
ONTONAGON	17.98	16.58	15.88	16.05	15.42	15.09	14.22	13.70	11.55			
PRESQUE ISLE	14.29	11.89	10.69	10.87	9.59	11.06	9.96	9.30	9.24			
THUMB	11.98	10.73	10.10	10.61	9.95	11.50	10.26	9.52	7.76			
TRI COUNTY	14.96	12.56	11.36	12.43	10.83	11.52	10.43	9.77	8.67			
<i>AVERAGE INVESTOR OWNED</i>	10.43	9.41	9.01	10.38	9.54	9.46	8.78	8.15	6.59	6.39	6.25	
<i>AVERAGE COOPERATIVE</i>	14.46	12.36	11.28	11.65	10.73	11.18	10.16	9.54	8.41			
<i>AVERAGE ALL COMPANIES</i>	12.24	10.74	10.03	10.95	10.07	10.23	9.40	8.77	7.41	6.39	6.25	

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
October 1, 2006**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	5 <u>1000</u>	25 <u>5000</u>	100 <u>21600</u>	100 <u>28800</u>	100 <u>36000</u>	1000 <u>432000</u>	10000 <u>4320000</u>	50000 <u>21500000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER	10.91	9.61	9.21	9.86	9.32	9.11	8.04	7.30	5.33	4.31	4.30	
CONSUMERS ENERGY	9.64	9.64	10.46	11.82	11.11	10.93	9.53	8.70	6.96	7.14	6.87	
DETROIT EDISON	10.21	10.21	10.90	10.97	10.25	10.12	10.11	9.78	7.49	7.08	6.83	
EDISON SAULT ELECTRIC	8.21	7.53	7.19	8.89	8.29	8.18	8.13	7.65	7.08	7.06	7.06	
AEP (I&M) ST JOSEPH	7.25	6.14	5.84	9.51	7.75	7.45	7.14	6.95	4.69	4.58	4.49	
AEP (I&M) THREE RIVERS	8.44	7.52	7.07	8.55	8.48	8.13	7.66	7.18	5.40	5.15	4.87	
NORTHERN STATES POWER	10.29	9.44	9.01	9.55	8.95	9.11	8.22	7.68	7.33	7.30	7.30	
UPPER PENINSULA POWER	16.23	14.63	13.83	15.55	14.59	14.49	12.46	11.24	8.20	8.14	8.15	
UPPER PENINSULA POWER IRON RIVER	8.66	7.06	6.26	6.77	5.81	6.64	5.51	4.83	4.03	4.03	4.03	
WISCONSIN ELECTRIC	12.75	10.83	9.87	10.97	9.77	9.61	9.58	8.12	6.72	6.46	6.32	
WISCONSIN PUBLIC SERVICE	9.52	8.22	7.57	9.08	7.88	7.59	7.56	7.55	6.60	6.34	5.91	
<u>COOPERATIVES</u>												
ALGER DELTA	17.12	14.72	13.52	13.42	13.87	13.51	12.37	11.69	11.21			
CHERRYLAND	14.38	11.98	10.78	10.59	9.39	10.50	9.24	8.49	7.29			
CLOVERLAND	11.85	10.05	8.82	9.47	8.67	8.16	7.50	7.11	5.72			
GREAT LAKES	15.44	13.04	11.84	12.69	11.25	11.42	10.52	9.97	7.15			
MIDWEST ENERGY	13.16	10.76	9.56	9.76	8.64	8.94	7.94	7.35	8.18			
ONTONAGON	17.98	16.58	15.88	16.05	15.42	15.09	14.22	13.70	11.55			
PRESQUE ISLE	14.29	11.89	10.69	10.87	9.59	11.06	9.96	9.30	9.24			
THUMB	11.98	10.73	10.10	10.61	9.95	11.50	10.26	9.52	7.76			
TRI COUNTY	14.96	12.56	11.36	12.43	10.83	11.52	10.43	9.77	8.67			
<i>AVERAGE INVESTOR OWNED</i>	10.19	9.17	8.84	10.14	9.29	9.21	8.54	7.91	6.35	6.14	6.01	
<i>AVERAGE COOPERATIVE</i>	14.57	12.48	11.39	11.76	10.84	11.30	10.27	9.66	8.53			
<i>AVERAGE ALL COMPANIES</i>	12.16	10.66	9.99	10.87	9.99	10.15	9.32	8.69	7.33	6.14	6.01	

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
September 1, 2006**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	<u>5</u> <u>1000</u>	<u>25</u> <u>5000</u>	<u>100</u> <u>21600</u>	<u>100</u> <u>28800</u>	<u>100</u> <u>36000</u>	<u>1000</u> <u>432000</u>	<u>10000</u> <u>4320000</u>	<u>50000</u> <u>21500000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER	10.91	9.61	9.21	9.86	9.32	9.11	8.04	7.30	5.33	4.31	4.30	
CONSUMERS ENERGY	9.64	9.64	10.46	11.82	11.11	10.93	9.53	8.70	6.96	7.14	6.87	
DETROIT EDISON	10.46	10.46	11.15	11.22	10.50	10.37	10.36	10.04	7.75	7.33	7.08	
EDISON SAULT ELECTRIC	8.21	7.53	7.19	8.89	8.29	8.18	8.13	7.65	7.08	7.06	7.06	
AEP (I&M) ST JOSEPH	7.25	6.14	5.84	9.51	7.75	7.45	7.14	6.95	4.69	4.58	4.49	
AEP (I&M) THREE RIVERS	8.44	7.52	7.07	8.55	8.48	8.13	7.66	7.18	5.40	5.15	4.87	
NORTHERN STATES POWER	10.29	9.44	9.01	9.55	8.95	9.11	8.22	7.68	7.33	7.30	7.30	
UPPER PENINSULA POWER	16.39	14.79	13.99	15.71	14.75	14.65	12.62	11.40	8.36	8.30	8.31	
UPPER PENINSULA POWER IRON RIVER	12.54	10.94	10.14	10.65	9.69	10.52	9.38	8.70	7.90	7.90	7.90	
WISCONSIN ELECTRIC	12.75	10.83	9.87	10.97	9.77	9.61	9.58	8.12	6.72	6.46	6.32	
WISCONSIN PUBLIC SERVICE	9.52	8.22	7.57	9.08	7.88	7.59	7.56	7.55	6.60	6.34	5.91	
<u>COOPERATIVES</u>												
ALGER DELTA	17.12	14.72	13.52	13.42	13.87	13.51	12.37	11.69	11.21			
CHERRYLAND	14.38	11.98	10.78	10.59	9.39	10.50	9.24	8.49	7.29			
CLOVERLAND	11.85	10.05	8.82	9.47	8.67	8.16	7.50	7.11	5.72			
GREAT LAKES	13.64	11.64	10.64	11.84	10.64	10.55	9.69	9.16	6.31			
MIDWEST ENERGY	13.16	10.76	9.56	9.76	8.64	8.94	7.94	7.35	8.18			
ONTONAGON	17.98	16.58	15.88	16.05	15.42	15.09	14.22	13.70	11.55			
PRESQUE ISLE	14.29	11.89	10.69	10.87	9.59	11.06	9.96	9.30	9.24			
THUMB	11.98	10.73	10.10	10.61	9.95	11.50	10.26	9.52	7.76			
TRI COUNTY	14.96	12.56	11.36	12.43	10.83	11.52	10.43	9.77	8.37			
<i>AVERAGE INVESTOR OWNED</i>	10.58	9.56	9.23	10.53	9.68	9.60	8.93	8.30	6.74	6.53	6.40	
<i>AVERAGE COOPERATIVE</i>	14.37	12.32	11.26	11.67	10.78	11.20	10.18	9.57	8.40			
<i>AVERAGE ALL COMPANIES</i>	12.29	10.80	10.14	11.04	10.17	10.32	9.49	8.87	7.49	6.53	6.40	

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
August 1, 2006**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	5 <u>1000</u>	25 <u>5000</u>	100 <u>21600</u>	100 <u>28800</u>	100 <u>36000</u>	1000 <u>432000</u>	10000 <u>4320000</u>	50000 <u>21500000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER	10.91	9.61	9.21	9.86	9.32	9.11	8.04	7.30	5.33	4.31	4.30	
CONSUMERS ENERGY	9.44	9.43	10.24	11.60	10.89	10.70	9.31	8.47	6.73	6.91	6.64	
DETROIT EDISON	10.54	10.53	11.22	11.39	10.67	10.54	10.53	10.18	7.88	7.47	7.21	
EDISON SAULT ELECTRIC	8.21	7.53	7.19	8.89	8.29	8.18	8.13	7.65	7.08	7.06	7.06	
AEP (I&M) ST JOSEPH	7.42	6.31	6.00	9.68	7.92	7.62	7.30	7.12	4.85	4.74	4.49	
AEP (I&M) THREE RIVERS	8.00	7.09	6.63	8.11	8.04	7.69	7.22	6.75	4.97	4.71	4.44	
NORTHERN STATES POWER	10.29	9.44	9.01	9.55	8.95	9.11	8.22	7.68	7.33	7.30	7.30	
UPPER PENINSULA POWER	16.39	14.79	13.99	15.71	14.75	14.65	12.62	11.40	8.36	8.30	8.31	
UPPER PENINSULA POWER IRON RIVER	12.54	10.94	10.14	10.65	9.69	10.52	9.38	8.70	7.90	7.90	7.90	
WISCONSIN ELECTRIC	13.15	11.23	10.27	11.37	10.17	10.01	9.98	8.52	7.12	6.86	6.72	
WISCONSIN PUBLIC SERVICE	9.52	8.22	7.57	9.08	7.88	7.59	7.56	7.55	6.60	6.34	5.91	
<u>COOPERATIVES</u>												
ALGER DELTA	16.71	14.31	13.11	13.01	13.46	13.10	11.96	11.28	10.80			
CHERRYLAND	14.38	11.98	10.78	10.59	9.39	10.50	9.24	8.49	7.29			
CLOVERLAND	11.85	10.05	8.82	9.47	8.67	8.16	7.50	7.11	5.72			
GREAT LAKES	13.64	11.64	10.64	11.84	10.64	10.55	9.69	9.16	6.31			
MIDWEST ENERGY	13.16	10.76	9.56	9.76	8.64	8.94	7.94	7.35	8.18			
ONTONAGON	17.48	16.08	15.38	15.55	14.92	14.59	13.72	13.20	11.05			
PRESQUE ISLE	14.29	11.89	10.69	10.87	9.59	11.06	9.96	9.30	9.24			
THUMB	11.98	10.73	10.10	10.61	9.95	11.50	10.26	9.52	7.76			
TRI COUNTY	14.66	12.26	11.06	12.13	10.53	11.22	10.13	9.47	8.37			
<i>AVERAGE INVESTOR OWNED</i>	10.58	9.55	9.22	10.54	9.69	9.61	8.93	8.30	6.74	6.54	6.39	
<i>AVERAGE COOPERATIVE</i>	14.24	12.19	11.13	11.54	10.64	11.07	10.05	9.43	8.30			
<i>AVERAGE ALL COMPANIES</i>	12.23	10.74	10.08	10.99	10.12	10.27	9.43	8.81	7.44	6.54	6.39	

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
July 1, 2006**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i>			5	25	100	100	100	1000	10000	50000
<i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	<u>1000</u>	<u>5000</u>	<u>21600</u>	<u>28800</u>	<u>36000</u>	<u>432000</u>	<u>4320000</u>	<u>21500000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	10.91	9.61	9.21	9.86	9.32	9.11	8.04	7.30	5.33	4.31	4.30
CONSUMERS ENERGY	9.44	9.43	10.24	11.60	10.89	10.70	9.31	8.47	6.73	6.91	6.64
DETROIT EDISON	10.54	10.53	11.22	11.39	10.67	10.54	10.53	10.18	7.88	7.47	7.21
EDISON SAULT ELECTRIC	8.21	7.53	7.19	8.89	8.29	8.18	8.13	7.65	7.08	7.06	7.06
AEP (I&M) ST JOSEPH	7.68	6.57	6.26	9.93	8.18	7.88	7.56	7.37	5.11	5.00	4.49
AEP (I&M) THREE RIVERS	8.12	7.21	6.76	8.24	8.17	7.82	7.34	6.87	5.09	4.84	4.56
NORTHERN STATES POWER	10.29	9.44	9.01	9.55	8.95	9.11	8.22	7.68	7.33	7.30	7.30
UPPER PENINSULA POWER	15.17	13.77	13.07	15.06	14.18	13.50	11.92	10.97	0.00	0.00	0.00
UPPER PENINSULA POWER IRON RIVER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WISCONSIN ELECTRIC	13.15	11.23	10.27	11.37	10.17	10.01	9.98	8.52	7.12	6.86	6.72
WISCONSIN PUBLIC SERVICE	9.52	8.22	7.57	9.08	7.88	7.59	7.56	7.55	6.60	6.34	5.91
<u>COOPERATIVES</u>											
ALGER DELTA	16.71	14.31	13.11	13.01	13.46	13.10	11.96	11.28	10.80		
CHERRYLAND	14.66	12.26	11.06	10.87	9.67	10.78	9.52	8.77	7.57		
CLOVERLAND	11.85	10.05	8.82	9.47	8.67	8.16	7.50	7.11	5.72		
GREAT LAKES	13.64	11.64	10.64	11.84	10.64	10.55	9.69	9.16	6.31		
MIDWEST ENERGY	13.16	10.76	9.56	9.76	8.64	8.94	7.94	7.35	8.18		
ONTONAGON	17.22	15.82	15.12	15.29	14.66	14.33	13.47	12.94	10.79		
PRESQUE ISLE	14.29	11.89	10.69	10.87	9.59	11.06	9.96	9.30	9.24		
THUMB	11.98	10.73	10.10	10.61	9.95	11.50	10.26	9.52	7.76		
TRI COUNTY	14.66	12.26	11.06	12.13	10.53	11.22	10.13	9.47	8.37		
<i>AVERAGE INVESTOR OWNED</i>	9.37	8.50	8.25	9.54	8.79	8.58	8.05	7.50	5.30	5.10	4.93
<i>AVERAGE COOPERATIVE</i>	14.24	12.19	11.13	11.54	10.64	11.07	10.05	9.43	8.31		
<i>AVERAGE ALL COMPANIES</i>	11.56	10.16	9.55	10.44	9.62	9.70	8.95	8.37	6.65	5.10	4.93

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
June 1, 2006**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i>										
<i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	<u>1000</u>	<u>5000</u>	<u>21600</u>	<u>28800</u>	<u>36000</u>	<u>432000</u>	<u>4320000</u>	<u>21500000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	10.41	9.61	9.21	9.86	9.32	9.11	8.04	7.30	5.33	4.31	4.30
CONSUMERS ENERGY	9.50	9.49	10.30	11.67	10.95	10.76	9.37	8.54	6.80	6.97	6.71
DETROIT EDISON	10.44	10.43	11.12	11.30	10.58	10.44	10.43	10.09	7.78	7.37	7.12
EDISON SAULT ELECTRIC	8.21	7.53	7.19	8.89	8.29	8.18	8.13	7.65	7.08	7.06	7.06
AEP (I&M) ST JOSEPH	7.68	6.57	6.26	9.93	8.18	7.88	7.56	7.37	5.11	5.00	4.49
AEP (I&M) THREE RIVERS	8.12	7.21	6.76	8.24	8.17	7.82	7.34	6.87	5.09	4.84	4.56
NORTHERN STATES POWER	10.29	9.44	9.01	9.55	8.95	9.11	8.22	7.68	7.33	7.30	7.30
UPPER PENINSULA POWER	15.17	13.77	13.07	15.06	14.18	13.50	11.92	10.97	8.76	8.76	8.77
UPPER PENINSULA POWER IRON RIVER	11.40	10.20	9.60	9.80	9.08	9.64	8.69	8.12	7.37	7.37	7.37
WISCONSIN ELECTRIC	13.15	11.23	10.27	11.37	10.17	10.01	9.98	8.52	7.12	6.86	6.72
WISCONSIN PUBLIC SERVICE	9.52	8.22	7.57	9.08	7.88	7.59	7.56	7.55	6.60	6.34	5.91
<u>COOPERATIVES</u>											
ALGER DELTA	16.71	14.31	13.11	13.01	13.46	13.10	11.96	11.28	10.80		
CHERRYLAND	14.66	12.26	11.06	10.87	9.67	10.78	9.52	8.77	7.57		
CLOVERLAND	11.85	10.05	8.82	9.47	8.67	8.16	7.50	7.11	5.72		
GREAT LAKES	13.64	11.64	10.64	11.84	10.64	10.55	9.69	9.16	6.31		
MIDWEST ENERGY	13.16	10.76	9.56	9.76	8.64	8.94	7.94	7.35	8.18		
ONTONAGON	17.22	15.82	15.12	15.29	14.66	14.33	13.47	12.94	10.79		
PRESQUE ISLE	12.75	11.28	10.55	10.93	10.29	7.41	7.41	7.40	9.13		
THUMB	11.98	10.73	10.10	10.61	9.95	11.50	10.26	9.52	7.76		
TRI COUNTY	14.66	12.26	11.06	12.13	10.53	11.22	10.13	9.47	8.37		
<i>AVERAGE INVESTOR OWNED</i>	10.35	9.43	9.12	10.43	9.61	9.46	8.84	8.24	6.76	6.56	6.39
<i>AVERAGE COOPERATIVE</i>	14.07	12.12	11.11	11.54	10.72	10.67	9.76	9.22	8.29		
<i>AVERAGE ALL COMPANIES</i>	12.03	10.64	10.02	10.93	10.11	10.00	9.26	8.68	7.45	6.56	6.39

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
May 1, 2006**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i>			5	25	100	100	100	1000	10000	50000
<i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	<u>1000</u>	<u>5000</u>	<u>21600</u>	<u>28800</u>	<u>36000</u>	<u>432000</u>	<u>4320000</u>	<u>21500000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	10.41	9.61	9.21	9.86	9.32	9.11	8.04	7.30	5.33	4.31	4.30
CONSUMERS ENERGY	9.50	9.49	9.48	11.67	10.95	10.76	9.37	8.54	6.80	6.97	6.71
DETROIT EDISON	9.95	9.94	10.63	10.80	10.08	9.95	9.94	9.59	7.29	6.87	6.62
EDISON SAULT ELECTRIC	8.21	7.53	7.19	8.89	8.29	8.18	8.13	7.65	7.08	7.06	7.06
AEP (I&M) ST JOSEPH	7.68	6.57	6.26	9.93	8.18	7.88	7.56	7.37	5.11	5.00	4.49
AEP (I&M) THREE RIVERS	8.12	7.21	6.76	8.24	8.17	7.82	7.34	6.87	5.09	4.84	4.56
NORTHERN STATES POWER	10.29	9.44	9.01	9.55	8.95	9.11	8.22	7.68	7.33	7.30	7.30
UPPER PENINSULA POWER	15.17	13.77	13.07	15.06	14.18	13.50	11.92	10.97	8.76	8.76	8.77
UPPER PENINSULA POWER IRON RIVER	11.40	10.20	9.60	9.80	9.08	9.64	8.69	8.12	7.37	7.37	7.37
WISCONSIN ELECTRIC	13.15	11.23	10.27	11.37	10.17	10.01	9.98	8.52	7.12	6.86	6.72
WISCONSIN PUBLIC SERVICE	9.52	8.22	7.57	9.08	7.88	7.59	7.56	7.55	6.60	6.34	5.91
<u>COOPERATIVES</u>											
ALGER DELTA	16.71	14.31	13.11	13.01	13.46	13.10	11.96	11.28	10.80		
CHERRYLAND	14.66	12.26	11.06	10.87	9.67	10.78	9.52	8.77	7.57		
CLOVERLAND	11.85	10.05	8.82	9.47	8.67	8.16	7.50	7.11	5.72		
GREAT LAKES	13.64	11.64	10.64	11.84	10.64	10.55	9.69	9.16	6.31		
MIDWEST ENERGY	13.16	10.76	9.56	9.76	8.64	8.94	7.94	7.35	8.18		
ONTONAGON	17.22	15.82	15.12	15.29	14.66	14.33	13.47	12.94	10.79		
PRESQUE ISLE	12.75	11.28	10.55	10.93	10.29	7.41	7.41	7.40	9.13		
THUMB	11.98	10.73	10.10	10.61	9.95	11.50	10.26	9.52	7.76		
TRI COUNTY	14.66	12.26	11.06	12.13	10.53	11.22	10.13	9.47	8.37		
<i>AVERAGE INVESTOR OWNED</i>	10.31	9.38	9.00	10.39	9.57	9.41	8.79	8.19	6.72	6.52	6.35
<i>AVERAGE COOPERATIVE</i>	14.07	12.12	11.11	11.54	10.72	10.67	9.76	9.22	8.29		
<i>AVERAGE ALL COMPANIES</i>	12.00	10.62	9.95	10.91	10.09	9.98	9.23	8.66	7.43	6.52	6.35

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
April 5, 2006**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i>	<i>kWh</i>									
	250	500	1000	5	25	100	100	100	1000	10000	50000
	<u>250</u>	<u>500</u>	<u>1000</u>	<u>1000</u>	<u>5000</u>	<u>21600</u>	<u>28800</u>	<u>36000</u>	<u>432000</u>	<u>4320000</u>	<u>21500000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	10.41	9.61	9.21	9.86	9.32	9.11	8.04	7.30	5.33	4.31	4.30
CONSUMERS ENERGY	9.50	9.49	9.48	11.67	10.95	10.76	9.37	8.54	6.80	6.97	6.71
DETROIT EDISON	10.45	10.44	11.13	11.30	10.58	10.45	10.44	10.09	7.79	7.37	7.12
EDISON SAULT ELECTRIC	8.21	7.53	7.19	8.89	8.29	8.18	8.13	7.65	7.08	7.06	7.06
AEP (I&M) ST JOSEPH	7.42	6.31	6.00	9.12	7.92	7.62	7.30	7.12	4.85	4.74	4.49
AEP (I&M) THREE RIVERS	8.00	7.09	6.63	8.11	8.04	7.69	7.22	6.75	4.91	4.71	4.44
NORTHERN STATES POWER	10.29	9.44	9.01	9.55	8.95	9.11	8.22	7.68	7.33	7.30	7.30
UPPER PENINSULA POWER	15.17	13.77	13.07	15.06	14.18	13.50	11.92	10.97	8.76	8.76	8.77
UPPER PENINSULA POWER IRON RIVER	11.40	10.20	9.60	9.80	9.08	9.64	8.69	8.12	7.37	7.37	7.37
WISCONSIN ELECTRIC	13.15	11.23	10.27	11.37	10.17	10.01	9.98	8.52	7.12	6.86	6.72
WISCONSIN PUBLIC SERVICE	9.52	8.22	7.57	9.08	7.88	7.59	7.56	7.55	6.60	6.34	5.91
<u>COOPERATIVES</u>											
ALGER DELTA	16.71	14.31	13.11	13.01	13.46	13.10	11.96	11.28	10.80		
CHERRYLAND	14.19	11.79	10.59	10.40	9.20	10.31	9.05	8.30	7.10		
CLOVERLAND	11.85	10.05	8.82	9.47	8.67	8.16	7.50	7.11	5.72		
GREAT LAKES	13.07	11.07	10.07	11.27	10.07	9.98	9.11	8.59	5.74		
MIDWEST ENERGY	13.16	10.76	9.56	9.76	8.64	8.94	7.94	7.35	8.18		
ONTONAGON	17.22	15.82	15.12	15.29	14.66	14.33	13.47	12.94	10.79		
PRESQUE ISLE	12.35	10.88	10.15	10.52	9.89	7.01	7.00	7.00	8.66		
THUMB	11.98	10.73	10.10	10.61	9.95	11.50	10.26	9.52	7.76		
TRI COUNTY	14.17	11.77	10.57	11.64	10.04	10.73	9.63	8.98	7.88		
<i>AVERAGE INVESTOR OWNED</i>	10.32	9.39	9.01	10.35	9.58	9.42	8.81	8.21	6.72	6.53	6.38
<i>AVERAGE COOPERATIVE</i>	13.86	11.91	10.90	11.33	10.51	10.45	9.55	9.01	8.07		
<i>AVERAGE ALL COMPANIES</i>	11.91	10.52	9.86	10.79	10.00	9.89	9.14	8.57	7.33	6.53	6.38

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
March 1, 2006**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1000	5	25	100	100	100	1000	10000	50000
		<u>250</u>	<u>500</u>	<u>1000</u>	<u>1000</u>	<u>5000</u>	<u>21600</u>	<u>28800</u>	<u>36000</u>	<u>432000</u>	<u>4320000</u>	<u>21500000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		10.41	9.61	9.21	9.86	9.32	9.11	8.04	7.30	5.33	4.31	4.30
CONSUMERS ENERGY		8.96	8.95	8.95	11.13	10.41	10.22	8.83	8.00	6.26	6.44	6.17
DETROIT EDISON		9.79	9.78	10.46	10.64	9.92	9.78	9.77	9.43	7.12	6.71	6.46
EDISON SAULT ELECTRIC		8.21	7.53	7.19	8.89	8.29	8.18	8.13	7.65	7.08	7.06	7.06
AEP (I&M) ST JOSEPH		7.42	6.31	6.00	9.12	7.92	7.62	7.30	7.12	4.85	4.74	4.49
AEP (I&M) THREE RIVERS		8.00	7.09	6.63	8.11	8.04	7.69	7.22	6.75	4.91	4.71	4.44
NORTHERN STATES POWER		10.29	9.44	9.01	9.55	8.95	9.11	8.22	7.68	7.33	7.30	7.30
UPPER PENINSULA POWER		15.17	13.77	13.07	15.06	14.18	13.50	11.92	10.97	8.76	8.76	8.77
UPPER PENINSULA POWER IRON RIVER		11.40	10.20	9.60	9.80	9.08	9.64	8.69	8.12	7.37	7.37	7.37
WISCONSIN ELECTRIC		13.15	11.23	10.27	11.37	10.17	10.01	9.98	8.52	7.12	6.86	6.72
WISCONSIN PUBLIC SERVICE		9.52	8.22	7.57	9.08	7.88	7.59	7.56	7.55	6.60	6.34	5.91
<u>COOPERATIVES</u>												
ALGER DELTA		16.71	14.31	13.11	13.01	13.46	13.10	11.96	11.28	10.80		
CHERRYLAND		14.19	11.79	10.59	10.40	9.20	10.31	9.05	8.30	7.10		
CLOVERLAND		11.85	10.05	8.82	9.47	8.67	8.16	7.50	7.11	5.72		
GREAT LAKES		13.07	11.07	10.07	11.27	10.07	9.98	9.11	8.59	5.74		
MIDWEST ENERGY		13.16	10.76	9.56	9.76	8.64	8.94	7.94	7.35	8.18		
ONTONAGON		17.22	15.82	15.12	15.29	14.66	14.33	13.47	12.94	10.79		
PRESQUE ISLE		12.35	10.88	10.15	10.52	9.89	7.01	7.00	7.00	8.66		
THUMB		11.66	10.41	9.78	10.29	9.63	11.18	9.94	9.20	7.45		
TRI COUNTY		14.17	11.77	10.57	11.64	10.04	10.73	9.63	8.98	7.88		
<i>AVERAGE INVESTOR OWNED</i>		10.21	9.28	8.91	10.24	9.47	9.31	8.70	8.10	6.61	6.42	6.27
<i>AVERAGE COOPERATIVE</i>		13.82	11.87	10.86	11.29	10.47	10.42	9.51	8.97	8.04		
<i>AVERAGE ALL COMPANIES</i>		11.83	10.45	9.79	10.71	9.92	9.81	9.06	8.49	7.25	6.42	6.27

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
FEBRUARY 1, 2006**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i>	<i>kWh</i>									
	250	500	1000	5	25	100	100	100	1000	10000	50000
	<u>250</u>	<u>500</u>	<u>1000</u>	<u>1000</u>	<u>5000</u>	<u>21600</u>	<u>28800</u>	<u>36000</u>	<u>432000</u>	<u>4320000</u>	<u>21500000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	10.41	9.61	9.21	9.86	9.32	9.11	8.04	7.30	5.33	4.31	4.30
CONSUMERS ENERGY	8.96	8.95	8.95	11.13	10.41	10.22	8.83	8.00	6.25	6.44	6.17
DETROIT EDISON	9.77	9.76	10.45	10.62	9.90	9.77	9.76	9.41	7.11	6.70	6.44
EDISON SAULT ELECTRIC	8.21	7.53	7.19	8.89	8.29	8.18	8.13	7.65	7.08	7.06	7.06
AEP (I&M) ST JOSEPH	7.42	6.31	6.00	9.12	7.92	7.62	7.30	7.12	4.85	4.74	4.49
AEP (I&M) THREE RIVERS	8.00	7.09	6.63	8.11	8.04	7.69	7.22	6.75	4.91	4.71	4.44
NORTHERN STATES POWER	10.29	9.44	9.01	9.55	8.95	9.11	8.22	7.68	7.33	7.30	7.30
UPPER PENINSULA POWER	15.17	13.77	13.07	15.06	14.18	13.50	11.92	10.97	8.76	8.76	8.77
UPPER PENINSULA POWER IRON RIVER	11.40	10.20	9.60	9.80	9.08	9.64	8.69	8.12	7.37	7.37	7.37
WISCONSIN ELECTRIC	13.15	11.23	10.27	11.37	10.17	10.01	9.98	8.52	7.12	6.86	6.72
WISCONSIN PUBLIC SERVICE	9.52	8.22	7.57	9.08	7.88	7.59	7.56	7.55	6.60	6.34	5.91
<u>COOPERATIVES</u>											
ALGER DELTA	17.34	14.94	13.74	13.64	14.09	13.72	12.59	11.91	11.43		
CHERRYLAND	14.04	11.64	10.44	10.25	9.05	10.16	8.90	8.15	6.95		
CLOVERLAND	11.85	10.05	8.82	9.47	8.67	8.16	7.50	7.11	5.72		
GREAT LAKES	13.07	11.07	10.07	11.27	10.07	9.98	9.11	8.59	5.74		
MIDWEST ENERGY	13.16	10.76	9.56	9.76	8.64	8.94	7.94	7.35	8.18		
ONTONAGON	16.86	15.46	14.76	14.93	14.30	13.97	13.11	12.58	10.43		
PRESQUE ISLE	12.35	10.88	10.15	10.52	9.89	7.01	7.00	7.00	8.66		
THUMB	12.55	11.30	10.68	11.19	10.53	12.07	10.84	10.09	8.34		
TRI COUNTY	14.17	11.77	10.57	11.64	10.04	10.73	9.63	8.98	7.88		
<i>AVERAGE INVESTOR OWNED</i>	10.21	9.28	8.90	10.24	9.47	9.31	8.69	8.09	6.61	6.42	6.27
<i>AVERAGE COOPERATIVE</i>	13.93	11.98	10.97	11.41	10.58	10.53	9.63	9.08	8.15		
<i>AVERAGE ALL COMPANIES</i>	11.88	10.50	9.84	10.76	9.97	9.86	9.11	8.54	7.30	6.42	6.27

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
January 1, 2006**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i>	<i>kWh</i>									
	250	500	1000	5	25	100	100	100	1000	10000	50000
	<u>250</u>	<u>500</u>	<u>1000</u>	<u>1000</u>	<u>5000</u>	<u>21600</u>	<u>28800</u>	<u>36000</u>	<u>432000</u>	<u>4320000</u>	<u>21500000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	10.41	9.61	9.21	9.86	9.32	9.11	8.04	7.30	5.33	4.31	4.30
CONSUMERS ENERGY	8.96	8.95	8.95	11.13	10.41	10.22	8.83	8.00	6.25	6.44	6.17
DETROIT EDISON	9.77	9.76	10.45	10.62	9.90	9.77	9.76	9.41	7.11	6.70	6.44
EDISON SAULT ELECTRIC	8.21	7.53	7.19	8.89	8.29	8.18	8.13	7.65	7.08	7.06	7.06
AEP (I&M) ST JOSEPH	7.42	6.31	6.00	9.12	7.92	7.62	7.30	7.12	4.85	4.74	4.49
AEP (I&M) THREE RIVERS	8.00	7.09	6.63	8.11	8.04	7.69	7.22	6.75	4.91	4.71	4.44
NORTHERN STATES POWER	10.29	9.44	9.01	9.55	8.95	9.11	8.22	7.68	7.33	7.30	7.30
UPPER PENINSULA POWER	15.17	13.77	13.07	15.06	14.18	13.50	11.92	10.97	8.76	8.76	8.77
UPPER PENINSULA POWER IRON RIVER	11.40	10.20	9.60	9.80	9.08	9.64	8.69	8.12	7.37	7.37	7.37
WISCONSIN ELECTRIC	13.15	11.23	10.27	11.37	10.17	10.01	9.98	8.52	7.12	6.86	6.72
WISCONSIN PUBLIC SERVICE	9.52	8.22	7.57	9.08	7.88	7.59	7.56	7.55	6.60	6.34	5.91
<u>COOPERATIVES</u>											
ALGER DELTA	17.34	14.94	13.74	13.64	14.09	13.72	12.59	11.91	11.43		
CHERRYLAND	14.04	11.64	10.44	10.25	9.05	10.16	8.90	8.15	6.95		
CLOVERLAND	11.85	10.05	8.82	9.47	8.67	8.16	7.50	7.11	5.72		
GREAT LAKES	13.07	11.07	10.07	11.27	10.07	9.98	9.11	8.59	5.74		
MIDWEST ENERGY	13.16	10.76	9.56	9.76	8.64	8.94	7.94	7.35	8.18		
ONTONAGON	16.86	15.46	14.76	14.93	14.30	13.97	13.11	12.58	10.43		
PRESQUE ISLE	12.35	10.88	10.15	10.52	9.89	7.01	7.00	7.00	8.66		
THUMB	12.55	11.30	10.68	11.19	10.53	12.07	10.84	10.09	8.34		
TRI COUNTY	14.17	11.77	10.57	11.64	10.04	10.73	9.63	8.98	7.88		
<i>AVERAGE INVESTOR OWNED</i>	10.21	9.28	8.90	10.24	9.47	9.31	8.69	8.09	6.61	6.42	6.27
<i>AVERAGE COOPERATIVE</i>	13.93	11.98	10.97	11.41	10.58	10.53	9.63	9.08	8.15		
<i>AVERAGE ALL COMPANIES</i>	11.88	10.50	9.84	10.76	9.97	9.86	9.11	8.54	7.30	6.42	6.27

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
JUNE 1, 2005**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1000	5	25	100	100	100	1000	10000	50000
		<u>250</u>	<u>500</u>	<u>1000</u>	<u>1000</u>	<u>5000</u>	<u>21600</u>	<u>28800</u>	<u>36000</u>	<u>432000</u>	<u>4320000</u>	<u>21500000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		9.79	8.99	8.59	9.24	8.70	8.49	7.42	6.68	5.17	3.70	3.69
CONSUMERS ENERGY		7.94	7.94	10.68	10.28	9.71	9.65	8.19	7.32	5.39	5.37	5.38
DETROIT EDISON		8.94	8.94	9.63	11.25	10.54	10.40	10.39	10.00	7.05	6.64	6.40
EDISON SAULT ELECTRIC		7.15	6.47	6.13	7.83	7.24	7.13	7.07	6.59	6.03	6.01	6.01
INDIANA MICHIGAN POWER ST JOSEPH		7.22	6.11	5.80	8.92	7.71	7.41	7.09	6.90	4.54	4.28	4.30
INDIANA MICHIGAN POWER THREE RIVERS		7.85	6.94	6.48	7.97	7.89	7.53	7.06	6.62	4.56	4.29	4.29
NORTHERN STATES POWER		8.56	7.71	7.28	7.82	7.22	7.38	6.49	5.95	5.60	5.57	5.58
UPPER PENINSULA POWER		14.10	12.70	12.00	13.99	13.11	12.43	10.85	9.91	7.69	7.69	7.70
UPPER PENINSULA POWER IRON RIVER		10.65	9.45	8.85	9.06	8.34	8.89	7.94	7.37	6.62	6.62	6.62
WISCONSIN ELECTRIC		12.79	10.87	9.91	11.01	9.81	9.65	9.62	8.16	6.76	6.50	6.37
WISCONSIN PUBLIC SERVICE		8.94	7.64	6.99	8.50	7.30	7.01	6.98	6.97	6.02	5.76	5.34
<u>COOPERATIVES</u>												
ALGER DELTA		13.62	11.62	10.62	10.74	11.14	10.80	9.76	9.14	8.69		
CHERRYLAND		12.09	10.09	9.09	9.08	7.78	8.71	7.59	6.91	7.31		
CLOVERLAND		11.13	9.33	8.10	8.75	7.95	7.44	6.78	6.38	5.00		
GREAT LAKES		12.43	10.43	9.43	10.63	9.43	9.34	8.47	7.95	5.10		
MIDWEST ENERGY		12.37	9.97	8.77	9.10	8.14	8.51	7.49	6.89	5.84		
ONTONAGON		13.76	12.36	11.66	11.82	11.20	10.87	10.00	9.48	7.33		
PRESQUE ISLE		11.10	9.63	8.89	9.27	8.64	8.56	8.36	7.83	7.40		
THUMB		11.08	9.93	9.36	9.87	9.25	10.81	9.57	8.83	7.36		
TRI COUNTY		13.35	10.95	9.75	10.82	9.22	9.91	8.82	8.16	7.06		
<i>AVERAGE INVESTOR OWNED</i>		9.45	8.52	8.40	9.62	8.87	8.73	8.10	7.50	5.95	5.68	5.61
<i>AVERAGE COOPERATIVE</i>		12.32	10.48	9.52	10.01	9.19	9.44	8.54	7.95	6.79		
<i>AVERAGE ALL COMPANIES</i>		10.74	9.40	8.90	9.80	9.02	9.05	8.30	7.70	6.33	5.68	5.61

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
JANUARY 1, 2005**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i>										
<i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	<u>1000</u>	<u>5000</u>	<u>21600</u>	<u>28800</u>	<u>36000</u>	<u>432000</u>	<u>4320000</u>	<u>21500000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	9.79	8.99	8.59	9.24	8.70	8.49	7.42	6.68	5.17	3.70	3.69
CONSUMERS ENERGY	7.08	7.08	7.08	11.00	10.13	10.07	8.61	7.74	5.84	5.82	5.83
DETROIT EDISON	8.69	8.69	9.38	10.98	10.27	10.13	10.12	9.72	6.78	6.37	6.13
EDISON SAULT ELECTRIC	7.15	6.47	6.13	7.83	7.24	7.13	7.07	6.59	6.03	6.01	6.01
AEP (I&M) ST JOSEPH	7.22	6.11	5.80	8.92	7.71	7.41	7.09	6.90	4.54	4.28	4.30
AEP (I&M) THREE RIVERS	7.85	6.94	6.48	7.97	7.89	7.53	7.06	6.62	4.56	4.29	4.29
NORTHERN STATES POWER	8.56	7.71	7.28	7.82	7.22	7.38	6.49	5.95	5.60	5.57	5.58
UPPER PENINSULA POWER	14.10	12.70	12.00	13.99	13.11	12.43	10.85	9.91	7.69	7.69	7.70
UPPER PENINSULA POWER IRON RIVER	10.65	9.45	8.85	9.06	8.34	8.89	7.94	7.37	6.62	6.62	6.62
WISCONSIN ELECTRIC	12.80	10.88	9.92	11.02	9.82	9.65	9.62	8.16	6.77	6.51	6.38
WISCONSIN PUBLIC SERVICE	8.17	6.87	6.22	8.50	7.30	7.01	6.98	6.97	6.02	5.76	5.34
<u>COOPERATIVES</u>											
ALGER DELTA	13.15	11.15	10.15	10.27	10.67	10.33	9.29	8.67	8.22		
CHERRYLAND	11.87	9.87	8.87	8.86	7.56	8.49	7.37	6.69	7.09		
CLOVERLAND	11.41	9.61	8.37	9.03	8.23	7.72	7.06	6.66	5.28		
GREAT LAKES	12.43	10.43	9.43	10.63	9.43	9.34	8.47	7.95	5.10		
MIDWEST ENERGY	12.37	9.97	8.77	9.10	8.14	8.51	7.49	6.89	5.84		
ONTONAGON	13.76	12.36	11.66	11.82	11.20	10.87	10.00	9.48	7.33		
PRESQUE ISLE	11.10	9.63	8.89	9.27	8.64	8.56	8.36	7.83	7.40		
THUMB	11.08	9.93	9.36	9.87	9.25	10.81	9.57	8.83	7.36		
TRI COUNTY	13.35	10.95	9.75	10.82	9.22	9.91	8.82	8.16	7.06		
<i>AVERAGE INVESTOR OWNED</i>	9.28	8.35	7.98	9.67	8.88	8.74	8.12	7.51	5.97	5.69	5.62
<i>AVERAGE COOPERATIVE</i>	12.28	10.43	9.47	9.96	9.15	9.39	8.49	7.91	6.74		
<i>AVERAGE ALL COMPANIES</i>	10.63	9.29	8.65	9.80	9.00	9.03	8.29	7.69	6.32	5.69	5.62

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
DECEMBER 1, 2004**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	5 <u>1000</u>	25 <u>5000</u>	100 <u>21600</u>	100 <u>28800</u>	100 <u>36000</u>	1000 <u>432000</u>	10000 <u>4320000</u>	50000 <u>21500000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		9.51	8.71	8.31	8.96	8.42	8.21	7.14	6.40	4.89	3.41	3.41
CONSUMERS ENERGY		8.07	8.07	8.07	10.65	9.83	9.77	8.31	7.44	5.52	5.49	5.50
DETROIT EDISON		8.71	8.70	9.38	10.30	10.38	9.17	9.17	6.80	5.44	5.03	4.79
EDISON SAULT ELECTRIC		7.27	6.59	6.25	7.95	7.36	7.25	7.19	6.71	6.15	6.13	6.13
AEP (I&M) ST JOSEPH		7.14	6.03	5.72	8.84	7.63	7.33	7.02	6.83	4.47	4.21	4.22
AEP (I&M) THREE RIVERS		7.80	6.89	6.43	7.92	7.84	7.49	7.01	6.57	4.51	4.25	4.25
NORTHERN STATES POWER		8.80	7.95	7.53	8.06	7.46	7.63	6.73	6.19	5.85	5.82	5.83
UPPER PENINSULA POWER		14.36	12.96	12.26	14.25	13.37	12.69	11.11	10.16	7.95	7.95	7.96
UPPER PENINSULA POWER IRON RIVER		10.59	9.39	8.79	9.00	8.28	8.83	7.88	7.31	6.56	6.56	6.56
WISCONSIN ELECTRIC		12.64	10.72	7.85	10.86	9.66	9.50	9.46	8.00	6.61	6.35	6.22
WISCONSIN PUBLIC SERVICE		8.87	7.57	6.92	8.44	7.24	6.95	6.92	6.90	5.95	5.70	5.27
<u>COOPERATIVES</u>												
ALGER DELTA		13.78	11.78	10.78	10.90	11.30	10.97	9.92	9.30	8.86		
CHERRYLAND		12.09	10.09	9.09	9.08	7.79	8.71	7.59	6.92	7.31		
CLOVERLAND		11.62	9.82	8.59	9.24	8.44	7.93	7.27	6.87	5.49		
GREAT LAKES		12.42	10.42	9.42	10.62	9.42	9.34	8.47	7.95	5.10		
MIDWEST ENERGY		11.95	9.55	8.35	8.68	7.72	8.09	7.08	6.47	5.43		
ONTONAGON		13.81	12.41	11.71	11.87	11.24	10.92	10.05	9.53	7.38		
PRESQUE ISLE		11.27	9.80	9.07	9.44	8.81	8.73	8.54	8.01	7.40		
THUMB		10.91	9.76	9.19	9.70	9.08	10.64	9.40	8.65	7.19		
TRI COUNTY		13.38	10.98	9.78	10.85	9.25	9.95	8.85	8.19	7.09		
AVERAGE INVESTOR OWNED		9.43	8.51	7.96	9.57	8.86	8.62	8.00	7.21	5.81	5.53	5.47
AVERAGE COOPERATIVE		12.36	10.51	9.55	10.04	9.23	9.47	8.57	7.99	6.80		
AVERAGE ALL COMPANIES		10.75	9.41	8.68	9.78	9.03	9.00	8.26	7.56	6.26	5.53	5.47

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
OCTOBER 1, 2004**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1000	5	25	100	100	100	1000	10000	50000
		<u>250</u>	<u>500</u>	<u>1000</u>	<u>1000</u>	<u>5000</u>	<u>21600</u>	<u>28800</u>	<u>36000</u>	<u>432000</u>	<u>4320000</u>	<u>21500000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		9.51	8.71	8.31	8.96	8.42	8.21	7.14	6.40	4.89	3.41	3.41
CONSUMERS ENERGY		8.07	8.07	8.07	10.65	9.97	9.77	8.31	7.44	5.52	5.49	5.50
DETROIT EDISON		8.69	8.69	9.38	10.31	10.02	9.88	9.87	9.58	6.65	6.24	6.01
EDISON SAULT ELECTRIC		7.27	6.59	6.25	7.95	7.36	7.25	7.19	6.71	6.15	6.13	6.13
AEP (I&M) ST JOSEPH		7.14	6.03	5.72	8.84	7.63	7.33	7.02	6.83	4.47	4.21	4.22
AEP (I&M) THREE RIVERS		7.80	6.89	6.43	7.92	7.84	7.49	7.01	6.57	4.51	4.25	4.25
NORTHERN STATES POWER		8.80	7.95	7.53	8.06	7.46	7.63	6.73	6.19	5.85	5.82	5.83
UPPER PENINSULA POWER		13.79	12.39	11.69	13.68	12.80	12.12	10.54	9.59	7.38	7.38	7.39
UPPER PENINSULA POWER IRON RIVER		10.59	9.39	8.79	9.00	8.28	8.83	7.88	7.31	6.56	6.56	6.56
WISCONSIN ELECTRIC		12.64	10.72	7.85	10.86	9.66	9.50	9.46	8.00	6.61	6.35	6.22
WISCONSIN PUBLIC SERVICE		8.69	7.39	6.74	8.26	7.06	6.77	6.74	6.72	5.77	5.51	5.09
<u>COOPERATIVES</u>												
ALGER DELTA		13.78	11.78	10.78	10.90	11.30	10.97	9.92	9.30	8.86		
CHERRYLAND		12.09	10.09	9.09	9.08	7.79	8.71	7.59	6.92	7.31		
CLOVERLAND		11.62	9.82	8.59	9.24	8.44	7.93	7.27	6.87	5.49		
GREAT LAKES		12.42	10.42	9.42	10.62	9.42	9.34	8.47	7.95	5.10		
MIDWEST ENERGY		11.95	9.55	8.35	8.68	7.72	8.09	7.08	6.47	5.43		
ONTONAGON		13.81	12.41	11.71	11.87	11.24	10.92	10.05	9.53	7.38		
PRESQUE ISLE		11.27	9.80	9.07	9.44	8.81	8.73	8.54	8.01	7.40		
THUMB		10.91	9.76	9.19	9.70	9.08	10.64	9.40	8.65	7.19		
TRI COUNTY		13.38	10.98	9.78	10.85	9.25	9.95	8.85	8.19	7.09		
<i>AVERAGE INVESTOR OWNED</i>		9.36	8.44	7.89	9.50	8.77	8.61	7.99	7.39	5.85	5.58	5.51
<i>AVERAGE COOPERATIVE</i>		12.36	10.51	9.55	10.04	9.23	9.47	8.57	7.99	6.80		
<i>AVERAGE ALL COMPANIES</i>		10.71	9.37	8.64	9.74	8.98	9.00	8.25	7.66	6.28	5.58	5.51

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
JUNE 1, 2004**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	5 <u>1000</u>	25 <u>5000</u>	100 <u>21600</u>	100 <u>28800</u>	100 <u>36000</u>	1000 <u>432000</u>	10000 <u>4320000</u>	50000 <u>21500000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		9.66	8.86	8.46	9.11	8.57	8.36	7.29	6.55	5.04	3.56	3.56
CONSUMERS ENERGY		8.05	8.05	8.85	10.66	9.84	9.78	8.32	7.45	5.53	5.51	5.51
DETROIT EDISON		8.69	8.69	9.38	10.31	10.02	9.88	9.87	9.58	6.65	6.24	6.01
EDISON SAULT ELECTRIC		7.27	6.59	6.25	7.95	7.36	7.25	7.19	6.71	6.15	6.13	6.13
AEP (I&M) ST JOSEPH		7.15	6.04	5.73	8.85	7.64	7.34	7.02	6.83	4.47	4.21	4.22
AEP (I&M) THREE RIVERS		7.81	6.90	6.44	7.93	7.85	7.49	7.02	6.58	4.52	4.25	4.25
NORTHERN STATES POWER		8.80	7.95	7.53	8.06	7.46	7.63	6.73	6.19	5.85	5.82	5.83
UPPER PENINSULA POWER		14.34	12.94	12.24	14.23	13.35	12.67	11.09	10.14	7.93	7.93	7.94
UPPER PENINSULA POWER IRON RIVER		10.59	9.39	8.79	9.00	8.28	8.83	7.88	7.31	6.56	6.56	6.56
WISCONSIN ELECTRIC		12.31	10.39	9.43	10.53	9.33	9.16	9.13	7.67	6.28	6.02	5.88
WISCONSIN PUBLIC SERVICE		8.69	7.39	6.74	8.26	7.06	6.77	6.74	6.72	5.77	5.51	5.09
<u>COOPERATIVES</u>												
ALGER DELTA		13.78	11.78	10.78	10.90	11.30	10.97	9.92	9.30	8.86		
CHERRYLAND		12.09	10.09	9.09	9.08	7.79	8.71	7.59	6.92	7.31		
CLOVERLAND		11.62	9.82	8.59	9.24	8.44	7.93	7.27	6.87	5.49		
GREAT LAKES		12.42	10.42	9.42	10.62	9.42	9.34	8.47	7.95	5.10		
MIDWEST ENERGY		11.68	9.28	8.08	8.41	7.45	7.82	6.80	6.20	5.16		
ONTONAGON		13.31	11.91	11.21	11.37	10.74	10.42	9.55	9.03	6.88		
PRESQUE ISLE		11.27	9.80	9.07	9.44	8.81	8.73	8.54	8.01	7.40		
THUMB		10.91	9.76	9.19	9.70	9.08	10.64	9.40	8.65	7.19		
TRI COUNTY		13.38	10.98	9.78	10.85	9.25	9.95	8.85	8.19	7.09		
<i>AVERAGE INVESTOR OWNED</i>		9.40	8.47	8.17	9.53	8.80	8.65	8.03	7.43	5.89	5.61	5.54
<i>AVERAGE COOPERATIVE</i>		12.27	10.43	9.47	9.96	9.14	9.39	8.49	7.90	6.72		
<i>AVERAGE ALL COMPANIES</i>		10.69	9.35	8.75	9.72	8.95	8.98	8.23	7.64	6.26	5.61	5.54

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Regulated Energy Division

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH)
FOR MPSC-REGULATED ELECTRIC UTILITIES IN MICHIGAN
DECEMBER 1, 2003**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i> <i>kWh</i>										
	<u>250</u>	<u>500</u>	<u>1000</u>	<u>5</u> <u>1000</u>	<u>25</u> <u>5000</u>	<u>100</u> <u>21600</u>	<u>100</u> <u>28800</u>	<u>100</u> <u>36000</u>	<u>1000</u> <u>432000</u>	<u>10000</u> <u>4320000</u>	<u>50000</u> <u>21500000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	10.06	9.26	8.86	9.52	8.98	8.76	7.69	6.95	5.43	3.97	3.96
CONSUMERS ENERGY	7.95	7.95	7.95	10.65	9.77	4.32	4.21	4.14	5.43	5.41	5.42
DETROIT EDISON	8.69	8.69	9.38	10.29	9.59	9.46	9.45	9.18	6.07	5.69	5.47
EDISON SAULT ELECTRIC	6.93	6.25	5.91	7.61	7.02	3.15	3.14	3.14	5.81	5.78	5.79
AEP (I&M) ST JOSEPH	7.52	6.41	6.11	9.29	8.05	7.75	7.43	7.24	4.82	4.56	4.57
AEP (I&M) THREE RIVERS	8.00	7.08	6.63	8.17	8.07	7.71	7.24	6.76	4.68	4.41	4.41
NORTHERN STATES POWER	8.33	7.48	7.06	7.59	6.99	7.16	6.26	5.72	5.38	5.35	5.36
UPPER PENINSULA POWER	9.46	8.06	7.36	7.32	6.44	6.93	5.84	5.18	3.28	3.28	3.29
UPPER PENINSULA POWER IRON RIVER	7.01	5.81	5.21	4.63	3.91	4.14	3.27	2.75	2.01	2.01	2.02
WISCONSIN ELECTRIC	12.02	10.10	10.92	6.74	5.54	5.38	5.34	6.49	1.70	0.94	0.83
WISCONSIN PUBLIC SERVICE	8.34	7.04	6.39	7.91	6.71	6.42	6.39	6.37	5.42	5.17	4.74
<u>COOPERATIVES</u>											
ALGER DELTA	12.41	10.41	9.41	9.53	9.93	9.60	8.56	7.93	7.49		
CHERRYLAND	12.26	10.26	9.26	9.25	7.96	8.88	7.76	7.09	7.40		
CLOVERLAND	10.73	8.93	7.69	8.35	7.55	7.04	6.38	5.98	4.60		
GREAT LAKES	12.67	10.67	9.67	10.87	9.67	9.59	8.72	8.20	5.35		
MIDWEST ENERGY	11.45	9.05	7.85	8.19	7.23	7.59	6.58	5.97	4.93		
ONTONAGON	13.29	11.89	11.19	11.35	10.72	10.40	9.53	9.01	6.86		
PRESQUE ISLE	11.59	10.12	9.38	9.76	9.13	9.05	8.85	8.32	7.77		
THUMB	10.76	9.61	9.04	9.55	8.93	10.49	9.25	8.51	7.04		
TRI COUNTY	13.46	11.06	9.86	10.93	9.33	10.03	8.93	8.27	7.17		
<i>AVERAGE INVESTOR OWNED</i>	8.57	7.65	7.43	8.16	7.37	6.47	6.02	5.81	4.55	4.23	4.17
<i>AVERAGE COOPERATIVE</i>	12.07	10.22	9.26	9.75	8.94	9.18	8.28	7.70	6.51		
<i>AVERAGE ALL COMPANIES</i>	10.15	8.81	8.26	8.87	8.07	7.69	7.04	6.66	5.43	4.23	4.17

Source: Michigan Public Service Commission Utility Rate Books
Compiled by the Energy Operations Division

**COMPARISON OF AVERAGE RATES (IN \$ PER KWH) FOR REGULATED ELECTRIC UTILITIES IN MICHIGAN
July 1, 2002**

	kW kWh	<u>Residential</u>			<u>Small Commercial</u>		<u>Large Commercial</u>			<u>INDUSTRIAL</u>		
		250	500	1000	5	25	100	100	100	1000	10000	50000
		<u>250</u>	<u>500</u>	<u>1000</u>	<u>1000</u>	<u>5000</u>	<u>21600</u>	<u>28800</u>	<u>36000</u>	<u>432000</u>	<u>4320000</u>	<u>21500000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		\$0.096	\$0.088	\$0.084	\$0.090	\$0.085	\$0.083	\$0.072	\$0.064	\$0.057	\$0.049	\$0.049
CONSUMERS ENERGY		\$0.080	\$0.080	\$0.089	\$0.103	\$0.098	\$0.097	\$0.082	\$0.074	\$0.057	\$0.055	\$0.054
DETROIT EDISON		\$0.087	\$0.087	\$0.094	\$0.103	\$0.096	\$0.095	\$0.094	\$0.092	\$0.067	\$0.063	\$0.061
EDISON SAULT ELECTRIC		\$0.070	\$0.063	\$0.060	\$0.077	\$0.071	\$0.069	\$0.069	\$0.064	\$0.058	\$0.058	\$0.058
AEP (I&M) ST JOSEPH		\$0.076	\$0.064	\$0.061	\$0.098	\$0.080	\$0.077	\$0.074	\$0.072	\$0.049	\$0.041	\$0.040
AEP (I&M) THREE RIVERS		\$0.081	\$0.071	\$0.066	\$0.082	\$0.080	\$0.077	\$0.072	\$0.067	\$0.058	\$0.047	\$0.045
NORTHERN STATES POWER		\$0.094	\$0.085	\$0.081	\$0.086	\$0.080	\$0.082	\$0.073	\$0.067	\$0.059	\$0.056	\$0.054
UPPER PENINSULA POWER		\$0.112	\$0.101	\$0.095	\$0.112	\$0.105	\$0.094	\$0.082	\$0.075	\$0.059	\$0.059	\$0.058
UPPER PENINSULA POWER IRON RIVER		\$0.089	\$0.080	\$0.075	\$0.075	\$0.069	\$0.073	\$0.065	\$0.060	\$0.054	\$0.054	\$0.054
WISCONSIN ELECTRIC		\$0.105	\$0.092	\$0.085	\$0.092	\$0.083	\$0.082	\$0.077	\$0.068	\$0.055	\$0.052	\$0.051
WISCONSIN PUBLIC SERVICE		\$0.070	\$0.063	\$0.059	\$0.069	\$0.062	\$0.060	\$0.060	\$0.060	\$0.045	\$0.044	\$0.044
<u>COOPERATIVES</u>												
ALGER DELTA		\$0.117	\$0.097	\$0.087	\$0.089	\$0.093	\$0.089	\$0.079	\$0.073	\$0.068		
CHERRYLAND		\$0.124	\$0.104	\$0.094	\$0.093	\$0.080	\$0.090	\$0.079	\$0.072	\$0.061		
CLOVERLAND		\$0.098	\$0.087	\$0.079	\$0.092	\$0.086	\$0.080	\$0.073	\$0.069	\$0.049		
GREAT LAKES - BOYNE CITY		\$0.115	\$0.103	\$0.094	\$0.104	\$0.098	\$0.097	\$0.089	\$0.084	\$0.060		
GREAT LAKES - NEWAYGO		\$0.111	\$0.101	\$0.094	\$0.093	\$0.088	\$0.095	\$0.086	\$0.081	\$0.058		
GREAT LAKES - SCOTTVILLE		\$0.120	\$0.107	\$0.100	\$0.111	\$0.105	\$0.112	\$0.106	\$0.103	\$0.062		
MIDWEST ENERGY		\$0.114	\$0.090	\$0.078	\$0.081	\$0.071	\$0.075	\$0.065	\$0.059	\$0.049		
ONTONAGON		\$0.122	\$0.108	\$0.101	\$0.103	\$0.097	\$0.094	\$0.085	\$0.080	\$0.058		
PRESQUE ISLE		\$0.116	\$0.101	\$0.094	\$0.098	\$0.092	\$0.090	\$0.089	\$0.084	\$0.062		
THUMB		\$0.107	\$0.095	\$0.089	\$0.095	\$0.088	\$0.104	\$0.092	\$0.084	\$0.068		
TRI COUNTY		\$0.134	\$0.110	\$0.098	\$0.109	\$0.093	\$0.100	\$0.089	\$0.082	\$0.071		
<i>AVERAGE INVESTOR OWNED</i>		\$0.087	\$0.079	\$0.077	\$0.090	\$0.083	\$0.081	\$0.075	\$0.069	\$0.056	\$0.053	\$0.052
<i>AVERAGE COOPERATIVE</i>		\$0.116	\$0.100	\$0.092	\$0.097	\$0.090	\$0.093	\$0.085	\$0.079	\$0.061		
<i>AVERAGE ALL COMPANIES</i>		\$0.102	\$0.090	\$0.084	\$0.093	\$0.086	\$0.087	\$0.080	\$0.074	\$0.058	\$0.053	\$0.052

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH) FOR REGULATED ELECTRIC UTILITIES IN MICHIGAN
JANUARY 1, 2001**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	<u>5</u> <u>1000</u>	<u>25</u> <u>5000</u>	<u>100</u> <u>21600</u>	<u>100</u> <u>28800</u>	<u>100</u> <u>36000</u>	<u>1000</u> <u>432000</u>	<u>10000</u> <u>4320000</u>	<u>50000</u> <u>21500000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		9.3	8.5	8.1	8.9	8.3	8.0	7.0	6.4	5.7	4.9	4.9
CONSUMERS ENERGY		8.0	8.0	8.0	10.3	9.8	9.7	8.2	7.4	5.7	5.5	5.4
DETROIT EDISON		8.7	8.7	9.4	10.8	10.1	10.0	9.9	9.7	7.0	6.6	6.4
EDISON SAULT ELECTRIC		7.0	6.3	5.9	7.6	7.0	6.9	6.9	6.4	5.8	5.8	5.8
AEP (I&M) ST JOSEPH		7.5	6.4	6.0	9.8	8.0	7.7	7.4	7.2	4.9	4.1	4.0
AEP (I&M) THREE RIVERS		7.9	7.0	6.6	8.1	8.0	7.6	7.2	6.6	5.7	4.6	4.4
NORTHERN STATES POWER		8.6	7.8	7.3	7.9	7.3	7.4	6.5	6.0	5.2	5.2	5.2
UPPER PENINSULA POWER		11.7	10.6	10.0	11.7	11.0	9.9	8.7	8.0	6.4	6.4	6.3
UPPER PENINSULA POWER IRON RIVER		8.8	8.0	7.5	7.5	6.9	7.3	6.5	6.0	5.4	5.4	5.4
WISCONSIN ELECTRIC		10.2	8.9	8.3	9.0	8.1	8.0	8.0	6.6	5.3	5.0	4.9
WISCONSIN PUBLIC SERVICE		7.2	6.4	6.1	7.1	6.4	6.2	6.2	6.2	4.7	4.6	4.6
<u>COOPERATIVES</u>												
ALGER DELTA		11.6	9.6	8.6	8.7	9.1	8.8	7.8	7.1	6.7		
CHERRYLAND		11.5	10.1	9.1	9.8	9.1	9.4	8.4	7.8	7.4		
CLOVERLAND		9.2	8.1	7.3	8.6	8.0	7.4	6.7	6.3	4.3		
GREAT LAKES - BOYNE CITY		11.1	9.9	9.1	10.1	9.5	9.4	8.6	8.1	6.8		
GREAT LAKES - NEWAYGO		10.8	9.7	9.1	8.9	8.4	9.1	8.3	7.7	6.7		
GREAT LAKES - SCOTTVILLE		11.7	10.4	9.8	10.9	10.2	11.0	10.4	10.1	7.1		
MIDWEST ENERGY		11.2	8.8	7.6	7.9	6.9	7.3	6.3	5.7	4.6		
ONTONAGON		12.1	10.7	10.0	10.2	9.5	9.2	8.4	7.8	5.7		
PRESQUE ISLE		11.4	9.9	9.1	9.5	8.9	8.8	8.6	8.1	7.1		
THUMB		10.2	9.1	8.5	9.1	8.4	10.0	8.8	8.0	6.6		
TRI COUNTY		13.2	10.8	9.6	10.7	9.1	9.8	8.7	8.0	6.9		
AVERAGE INVESTOR OWNED		8.6	7.9	7.6	9.0	8.3	8.1	7.5	6.9	5.6	5.3	5.2
AVERAGE COOPERATIVE		11.3	9.7	8.9	9.5	8.8	9.1	8.2	7.7	6.4		
AVERAGE ALL COMPANIES		9.9	8.8	8.2	9.2	8.6	8.6	7.9	7.3	6.0	5.3	5.2

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH) FOR REGULATED ELECTRIC UTILITIES IN MICHIGAN
JULY 1, 2000**

<i>kW</i> <i>kWh</i>	<u>RESIDENTIAL</u>		<u>SMALL COMMERCIAL</u>			<u>LARGE COMMERCIAL</u>		<u>INDUSTRIAL</u>			
	<u>250</u>	<u>500</u>	<u>1000</u>	<u>5</u>	<u>25</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>1000</u>	<u>10000</u>	<u>50000</u>
				<u>1000</u>	<u>5000</u>	<u>21600</u>	<u>28800</u>	<u>36000</u>	<u>432000</u>	<u>4320000</u>	<u>21500000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	9.1	8.3	7.9	8.9	8.4	7.9	7.1	6.4	5.8	5.2	5.2
CONSUMERS ENERGY	8.0	8.0	8.9	10.3	9.8	9.7	8.2	7.4	5.7	5.5	5.4
DETROIT EDISON	8.7	8.7	9.4	10.8	10.1	10.0	9.9	9.7	7.0	6.6	6.4
EDISON SAULT ELECTRIC	7.0	6.3	5.9	7.6	7.0	6.9	6.9	6.4	5.8	5.8	5.8
AEP (ST JOSEPH)	7.5	6.4	6.0	9.8	8.0	7.7	7.4	7.2	4.9	4.1	4.0
AEP (THREE RIVERS)	7.9	7.0	6.6	8.1	8.0	7.6	7.2	6.6	5.7	4.6	4.4
NORTHERN STATES POWER	8.4	7.5	7.1	7.6	7.0	7.2	6.3	5.8	5.0	4.9	4.9
UPPER PENINSULA POWER	11.2	10.1	9.5	11.2	10.5	9.5	8.3	7.5	5.9	5.9	5.8
UPPER PENINSULA IRON RIVER	8.7	7.8	7.3	7.4	6.8	7.1	6.3	5.8	5.2	5.2	5.2
WISCONSIN ELECTRIC	10.0	8.8	8.1	8.9	8.0	7.8	7.8	6.5	5.2	4.9	4.7
WISCONSIN PUBLIC SERVICE	7.0	6.3	5.9	7.0	6.2	6.1	6.0	6.0	4.6	4.5	4.4
<u>COOPERATIVES</u>											
ALGER DELTA	10.8	9.1	8.2	8.4	8.7	8.4	7.3	6.7	6.3		
CHERRYLAND	11.5	10.0	9.3	9.8	9.1	9.3	8.4	7.8	7.4		
CLOVERLAND	9.5	8.4	7.5	8.8	8.3	7.6	7.0	6.6	4.6		
GREAT LAKES - BOYNE CITY	11.1	9.9	9.1	10.1	9.5	9.4	8.6	8.1	6.8		
GREAT LAKES - NEWAYGO	10.8	9.7	9.1	8.9	8.4	9.1	8.3	7.7	6.7		
GREAT LAKES - SCOTTVILLE	11.7	10.4	9.8	10.9	10.2	11.0	10.4	10.1	7.1		
MIDWEST ENERGY	11.4	9.0	7.8	8.1	7.1	7.5	6.5	5.9	4.8		
ONTONAGON	11.5	10.1	9.4	9.6	9.0	8.7	7.8	7.3	5.1		
PRESQUE ISLE	11.3	9.8	9.1	9.5	8.8	8.7	8.6	8.0	7.1		
THUMB	9.9	8.8	8.3	8.8	8.2	9.7	8.5	7.7	6.3		
TRI COUNTY	13.1	10.7	9.5	10.6	9.0	9.7	8.6	7.9	6.8		
<i>AVERAGE INVESTOR OWNED</i>	8.5	7.7	7.5	8.9	8.2	8.0	7.4	6.9	5.5	5.2	5.1
<i>AVERAGE COOPERATIVE</i>	11.1	9.6	8.8	9.4	8.8	9.0	8.2	7.6	6.3		
<i>AVERAGE ALL COMPANIES</i>	9.8	8.7	8.2	9.1	8.5	8.5	7.8	7.2	5.9	5.2	5.1

COMPARISON OF AVERAGE RATES (IN CENTS PER KWH) FOR REGULATED ELECTRIC UTILITIES IN MICHIGAN

JANUARY 7, 2000

	<u>RESIDENTIAL</u>		<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>		<u>INDUSTRIAL</u>				
	<i>kW</i>			5	25	100	100	100	1000	10000	50000
<i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	<u>1000</u>	<u>5000</u>	<u>21600</u>	<u>28800</u>	<u>36000</u>	<u>432000</u>	<u>4320000</u>	<u>21500000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	9.1	8.3	7.9	8.9	8.4	7.9	7.1	6.4	5.8	5.2	5.2
CONSUMERS ENERGY	8.5	8.5	8.5	10.3	9.8	9.7	8.2	7.4	5.7	5.5	5.4
DETROIT EDISON	9.1	9.1	9.9	10.8	10.1	10.0	9.9	9.7	7.0	6.6	6.4
EDISON SAULT ELECTRIC	7.0	6.3	5.9	7.6	7.0	6.9	6.9	6.4	5.8	5.8	5.8
AEP (ST JOSEPH)	7.5	6.4	6.0	9.8	8.0	7.7	7.4	7.2	4.9	4.1	4.0
AEP (THREE RIVERS)	7.9	7.0	6.6	8.1	8.0	7.6	7.2	6.6	5.7	4.6	4.4
NORTHERN STATES POWER	8.4	7.5	7.1	7.6	7.0	7.2	6.3	5.8	5.0	4.9	4.9
UPPER PENINSULA POWER	11.2	10.1	9.5	11.2	10.5	9.5	8.3	7.5	5.9	5.9	5.8
UPPER PENINSULA IRON RIVER	8.7	7.8	7.3	7.4	6.8	7.1	6.3	5.8	5.2	5.2	5.2
WISCONSIN ELECTRIC	10.0	8.8	8.1	8.9	8.0	7.8	7.8	6.5	5.2	4.9	4.7
WISCONSIN PUBLIC SERVICE	7.0	6.3	5.9	7.0	6.2	6.1	6.0	6.0	4.6	4.5	4.4
<u>COOPERATIVES</u>											
ALGER DELTA	10.8	9.1	8.2	8.4	8.7	8.4	7.3	6.7	6.3		
CHERRYLAND	11.5	10.0	9.1	9.8	9.1	9.3	8.4	7.8	7.1		
CLOVERLAND	9.6	8.5	7.7	9.0	8.5	7.8	7.1	6.7	4.8		
GREAT LAKES - BOYNE CITY	11.1	9.9	9.1	10.1	9.5	9.4	8.6	8.1	6.8		
GREAT LAKES - NEWAYGO	10.8	9.7	9.1	8.9	8.4	9.1	8.3	7.7	6.7		
GREAT LAKES - SCOTTVILLE	11.7	10.4	9.8	10.9	10.2	11.0	10.4	10.1	7.1		
MIDWEST ENERGY - FRUITBELT	9.2	7.7	7.0	7.2	6.6	7.0	6.5	6.1	5.1		
MIDWEST ENERGY - SOUTHEASTERN	9.9	8.7	8.0	8.5	7.5	8.5	7.5	6.9	5.5		
ONTONAGON	11.5	10.1	9.4	9.6	9.0	8.7	7.8	7.3	5.1		
PRESQUE ISLE	11.3	9.8	9.1	9.5	8.8	8.7	8.6	8.0	7.1		
THUMB	10.3	9.2	8.6	9.1	8.5	10.1	8.8	8.1	6.6		
TRI COUNTY	13.1	10.7	9.5	10.6	9.0	9.7	8.6	7.9	6.8		
<u>AVERAGE INVESTOR OWNED</u>											
	8.6	7.8	7.5	8.9	8.2	8.0	7.4	6.9	5.5	5.2	5.1
<u>AVERAGE COOPERATIVE</u>											
	10.9	9.5	8.7	9.3	8.7	9.0	8.2	7.6	6.2		
<u>AVERAGE ALL COMPANIES</u>											
	9.8	8.7	8.1	9.1	8.4	8.5	7.8	7.3	5.9	5.2	5.1

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH) FOR REGULATED ELECTRIC UTILITIES IN MICHIGAN
JUL Y 1, 1999**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1000	5 1000	25 5000	100 21600	100 28800	100 36000	1000 432000	10000 4320000	50000 21500000
<i>INVESTOR OWNED</i>												
ALPENA POWER		9.0	8.0	7.5	8.9	8.3	7.9	7.0	6.5	6.1	5.3	5.3
CONSUMERS ENERGY		8.5	8.5	9.4	10.4	9.8	9.7	8.3	7.4	5.8	5.5	5.4
DETROIT EDISON		9.1	9.1	9.8	10.8	10.1	9.9	9.9	9.6	7.0	6.6	6.3
EDISON SAULT ELECTRIC		7.0	6.3	5.9	7.6	7.0	6.9	6.9	6.4	5.8	5.8	5.8
AEP (ST JOSEPH)		7.5	6.4	6.1	9.8	8.0	7.7	7.4	7.2	4.9	4.2	4.0
AEP (THREE RIVERS)		8.6	7.6	7.2	8.1	8.0	7.7	7.2	6.7	5.8	4.9	4.7
NORTHERN STATES POWER		8.1	7.3	7.0	7.6	7.0	7.5	6.6	6.1	5.2	5.2	5.2
UPPER PENINSULA POWER		10.9	9.7	9.2	10.9	10.2	9.1	7.9	7.2	5.6	5.6	5.5
UPPER PENINSULA IRON RIVER		8.6	7.7	7.3	7.3	6.7	7.1	6.2	5.8	5.1	5.1	5.1
WISCONSIN ELECTRIC		10.0	8.8	8.1	8.9	8.0	7.8	7.8	6.5	5.2	4.9	4.7
WISCONSIN PUBLIC SERVICE		6.9	6.1	5.8	6.8	6.0	5.9	5.9	5.9	4.4	4.3	4.3
<i>COOPERATIVES</i>												
ALGER DELTA		10.7	9.0	8.2	8.4	8.7	8.3	7.3	6.7	6.2		
CHERRYLAND		11.5	10.0	9.3	9.8	9.1	9.3	8.4	7.8	7.1		
CLOVERLAND		9.2	8.1	7.3	8.6	8.0	7.4	6.7	6.3	4.3		
GREAT LAKES - BOYNE CITY		11.2	10.0	9.2	10.2	9.6	9.5	8.7	8.2	6.8		
GREAT LAKES - NEWAYGO		10.9	9.8	9.2	9.1	8.6	9.2	8.4	7.9	6.7		
GREAT LAKES - SCOTTVILLE		11.6	10.3	9.7	10.8	10.1	10.8	10.3	9.9	7.1		
MIDWEST ENERGY - FRUITBELT		8.7	7.2	6.4	6.4	5.8	6.2	5.6	5.3	5.1		
MIDWEST ENERGY - SOUTHEASTERN		9.8	8.6	7.9	8.4	7.4	8.4	7.5	6.9	5.4		
ONTONAGON		11.5	10.1	9.4	9.5	8.9	8.6	7.7	7.2	5.0		
PRESQUE ISLE		11.4	9.9	9.2	9.5	8.9	8.8	8.6	8.1	7.1		
THUMB		9.7	8.6	8.1	8.6	8.0	9.5	8.3	7.5	6.1		
TRI COUNTY		11.4	10.2	9.6	10.6	9.8	10.2	9.4	8.9	7.1		
<i>AVERAGE INVESTOR OWNED</i>												
		8.6	7.8	7.6	8.8	8.1	7.9	7.4	6.8	5.5	5.2	5.1
<i>AVERAGE COOPERATIVE</i>												
		10.6	9.3	8.6	9.2	8.6	8.9	8.1	7.5	6.2		
<i>AVERAGE ALL COMPANIES</i>												
		9.6	8.6	8.1	9.0	8.3	8.4	7.7	7.2	5.9	5.2	5.1

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH) FOR REGULATED ELECTRIC UTILITIES IN MICHIGAN
JANUARY 7, 1999**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1000	5	25	100	100	100	1000	10000	50000
				1000	1000	5000	21600	28800	36000	432000	4320000	21500000
<u>INVESTOR OWNED</u>												
ALPENA POWER		9.0	8.0	7.5	8.9	8.3	7.9	7.0	6.5	6.1	5.3	5.3
CONSUMERS ENERGY		8.5	8.5	8.5	10.4	9.8	9.7	8.3	7.4	5.8	5.6	5.5
DETROIT EDISON		9.0	9.0	9.7	10.7	9.9	9.8	9.8	9.5	6.9	6.5	6.2
EDISON SAULT ELECTRIC		7.0	6.3	5.9	7.6	7.0	6.9	6.9	6.4	5.8	5.8	5.8
AEP (ST JOSEPH)		7.5	6.4	6.1	9.8	8.0	7.7	7.4	7.2	4.9	4.2	4.0
AEP (THREE RIVERS)		8.6	7.6	7.2	8.1	8.0	7.7	7.2	6.7	5.8	4.9	4.7
NORTHERN STATES POWER		8.1	7.3	7.0	7.6	7.0	7.5	6.6	6.1	5.2	5.2	5.2
UPPER PENINSULA POWER		10.9	9.7	9.2	10.9	10.2	9.1	7.9	7.2	5.6	5.6	5.5
UPPER PENINSULA IRON RIVER		8.6	7.7	7.3	7.3	6.7	7.1	6.2	5.8	5.1	5.1	5.1
WISCONSIN ELECTRIC		9.4	8.2	7.6	8.5	7.6	7.5	7.5	6.2	4.9	4.6	4.5
WISCONSIN PUBLIC SERVICE		6.9	6.1	5.8	6.8	6.0	5.9	5.9	5.9	4.4	4.3	4.3
<u>COOPERATIVES</u>												
ALGER DELTA		10.7	9.0	8.2	8.4	8.7	8.3	7.3	6.7	6.2		
CHERRYLAND		11.5	10.0	9.1	9.8	9.1	9.3	8.4	7.8	7.1		
CLOVERLAND		9.2	8.1	7.3	8.6	8.0	7.4	6.7	6.3	4.3		
GREAT LAKES - BOYNE CITY		11.2	10.0	9.2	10.2	9.6	9.5	8.7	8.2	6.8		
GREAT LAKES - NEWAYGO		10.9	9.8	9.2	9.1	8.6	9.2	8.4	7.9	6.7		
GREAT LAKES - SCOTTVILLE		11.6	10.3	9.7	10.8	10.1	10.8	10.3	9.9	7.1		
MIDWEST ENERGY - FRUITBELT		8.9	7.4	6.7	6.9	6.3	6.8	6.2	5.8	5.1		
MIDWEST ENERGY - SOUTHEASTERN		9.8	8.6	7.9	8.4	7.4	8.4	7.5	6.9	5.4		
ONTONAGON		11.5	10.1	9.4	9.5	8.9	8.6	7.7	7.2	5.0		
PRESQUE ISLE		11.4	9.9	9.2	9.5	8.9	8.8	8.6	8.1	7.1		
THUMB		9.7	8.6	8.1	8.6	8.0	9.5	8.3	7.5	6.1		
TRI COUNTY		11.4	10.2	9.6	10.6	9.8	10.2	9.4	8.9	7.1		
AVERAGE INVESTOR OWNED		8.5	7.7	7.4	8.8	8.1	7.9	7.3	6.8	5.5	5.2	5.1
AVERAGE COOPERATIVE		10.7	9.3	8.6	9.2	8.6	8.9	8.1	7.6	6.2		
AVERAGE ALL COMPANIES		9.6	8.6	8.0	9.0	8.4	8.4	7.7	7.2	5.8	5.2	5.1

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH) FOR REGULATED ELECTRIC UTILITIES IN MICHIGAN
JULY 1, 1998**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i> <i>kWh</i>			5	25	100	100	100	1000	10000	50000
	<u>250</u>	<u>500</u>	<u>1000</u>	<u>1000</u>	<u>5000</u>	<u>21600</u>	<u>28800</u>	<u>36000</u>	<u>432000</u>	<u>4320000</u>	<u>21500000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	9.0	7.9	7.4	8.9	8.2	7.8	6.9	6.4	6.0	5.3	5.2
CONSUMERS ENERGY	8.5	8.5	9.4	10.4	9.8	9.7	8.3	7.4	5.8	5.6	5.5
DETROIT EDISON	8.9	8.9	9.7	10.6	9.9	9.8	9.8	9.4	6.7	6.3	6.1
EDISON SAULT ELECTRIC	7.0	6.3	5.9	7.6	7.0	6.9	6.9	6.4	5.8	5.8	5.8
AEP (I&M ST JOSEPH)	7.4	6.3	6.0	9.7	7.9	7.6	7.3	7.1	4.8	4.0	3.9
AEP (I&M THREE RIVERS)	8.4	7.5	7.0	8.0	7.9	7.5	7.0	6.5	5.6	4.7	4.5
NORTHERN STATES POWER	7.7	7.0	6.6	7.5	6.8	7.4	6.7	6.3	5.4	5.4	5.4
UPPER PENINSULA POWER	10.4	9.3	8.8	10.5	9.7	8.7	7.5	6.8	5.2	5.1	5.1
UPPER PENIN IRON RIVER	8.5	7.6	7.2	7.2	6.6	7.0	6.2	5.7	5.1	5.1	5.1
WISCONSIN ELECTRIC	9.4	8.2	7.6	8.5	7.6	7.5	7.5	6.2	4.9	4.6	4.5
WISCONSIN PUBLIC SERVICE	6.9	6.1	5.8	6.8	6.0	5.9	5.9	5.9	4.4	4.3	4.3
<u>COOPERATIVES</u>											
ALGER DELTA	10.5	8.9	8.1	8.6	9.0	8.8	8.0	7.5	7.1		
CHERRYLAND	11.5	10.0	9.3	9.7	9.1	9.3	8.4	7.8	6.7		
CLOVERLAND	9.5	8.4	7.5	8.8	8.3	7.6	7.0	6.6	4.6		
GREAT LAKES NEWAYGO (O&A)	10.7	9.7	9.2	8.9	8.2	9.0	8.1	7.6	6.7		
GREAT LAKES HART (OCEANA)	10.9	9.7	9.0	10.1	9.2	10.0	9.2	8.8	7.0		
MIDWEST ENERGY - FRUITBELT	9.1	7.6	6.9	6.8	6.2	6.7	6.1	5.7	5.1		
MIDWEST ENERGY - S'EASTERN	9.5	8.2	7.5	8.1	7.0	8.1	7.1	6.5	5.0		
ONTONAGON	11.5	10.1	9.4	9.6	8.9	8.6	7.8	7.2	5.1		
PRESQUE ISLE	11.3	9.8	9.1	9.5	8.8	8.7	8.6	8.0	7.1		
THUMB	9.3	8.2	7.6	8.1	7.5	9.1	7.8	7.1	5.1		
TOP O'MICHIGAN	11.2	10.0	9.1	10.1	9.5	9.4	8.6	8.1	6.8		
TRI COUNTY	11.2	10.0	9.4	10.5	9.7	10.1	9.3	8.8	7.1		
WESTERN MICH	11.6	10.3	9.7	10.8	10.1	10.8	10.3	9.9	7.1		
<i>AVERAGE INVESTOR OWNED</i>	8.4	7.6	7.4	8.7	8.0	7.8	7.3	6.7	5.4	5.1	5.0
<i>AVERAGE COOPERATIVE</i>	10.6	9.3	8.6	9.2	8.6	8.9	8.2	7.7	6.2		
<i>AVERAGE ALL COMPANIES</i>	9.6	8.5	8.1	9.0	8.3	8.4	7.8	7.2	5.8	5.1	5.0

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH) FOR REGULATED ELECTRIC UTILITIES IN MICHIGAN
JANUARY 1, 1998**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1000	5	25	100	100	100	1000	10000	50000
		<u>250</u>	<u>500</u>	<u>1000</u>	<u>1000</u>	<u>5000</u>	<u>21600</u>	<u>28800</u>	<u>36000</u>	<u>432000</u>	<u>4320000</u>	<u>21500000</u>
<u>INVESTOR OWNED</u>												
ALPENA POWER		9.0	7.9	7.4	8.9	8.2	7.8	6.9	6.4	6.0	5.3	5.2
CONSUMERS POWER		8.5	8.5	8.5	10.4	9.9	9.8	8.3	7.5	5.8	5.6	5.5
DETROIT EDISON		8.9	8.9	9.7	10.6	9.9	9.8	9.8	9.4	6.7	6.3	6.1
EDISON SAULT ELECTRIC		7.0	6.3	5.9	7.6	7.0	6.9	6.9	6.4	5.8	5.8	5.8
AEP (ST JOSEPH)		7.4	6.3	6.0	9.7	7.9	7.6	7.3	7.1	4.8	4.0	3.9
AEP (THREE RIVERS)		8.4	7.5	7.0	8.0	7.9	7.5	7.0	6.5	5.6	4.7	4.5
NORTHERN STATES POWER		7.7	7.0	6.6	7.5	6.8	6.7	6.7	6.3	5.4	5.4	5.4
UPPER PENINSULA POWER		10.4	9.3	8.8	10.5	9.7	8.7	7.5	6.8	5.2	5.1	5.1
UPPER PENIN IRON RIVER		8.5	7.6	7.2	7.2	6.6	7.0	6.2	5.7	5.1	5.1	5.1
WISCONSIN ELECTRIC		9.4	8.2	7.6	8.5	7.6	7.5	7.5	6.2	4.9	4.6	4.5
WISCONSIN PUBLIC SERVICE		6.9	6.1	5.8	6.8	6.0	5.9	5.9	5.9	4.4	4.3	4.3
<u>COOPERATIVES</u>												
ALGER DELTA		10.5	8.9	8.1	8.6	9.0	8.8	8.0	7.5	7.1		
CHERRYLAND		11.5	10.0	9.1	9.7	9.1	9.3	8.4	7.8	6.7		
CLOVERLAND		9.5	8.4	7.5	8.8	8.3	7.6	7.0	6.6	4.6		
FRUITBELT		9.0	7.5	6.7	7.0	6.4	6.8	6.2	5.9	5.1		
GREAT LAKES (O&A)		10.7	9.7	9.2	8.9	8.2	9.0	8.1	7.6	6.7		
GREAT LAKES (OCEANA)		10.9	9.7	9.0	10.1	9.2	10.0	9.2	8.8	7.0		
ONTONAGON		11.5	10.1	9.4	9.6	8.9	8.6	7.8	7.2	5.1		
PRESQUE ISLE		11.3	9.8	9.1	9.5	8.8	8.7	8.6	8.0	7.1		
SOUTHEASTERN MICHIGAN		9.5	8.2	7.5	8.1	7.0	8.1	7.1	6.5	5.0		
THUMB		10.4	9.3	8.8	9.3	8.7	10.2	9.0	8.2	6.3		
TOP O'MICHIGAN		11.2	10.0	9.1	10.1	9.5	9.4	8.6	8.1	6.8		
TRI COUNTY		11.2	10.0	9.4	10.5	9.7	10.1	9.3	8.8	7.1		
WESTERN MICH		11.6	10.3	9.7	10.8	10.1	10.8	10.3	9.9	7.1		
<i>AVERAGE INVESTOR OWNED</i>		8.4	7.6	7.3	8.7	8.0	7.7	7.3	6.7	5.4	5.1	5.0
<i>AVERAGE COOPERATIVE</i>		10.7	9.4	8.7	9.3	8.7	9.0	8.3	7.8	6.3		
<i>AVERAGE ALL COMPANIES</i>		9.6	8.6	8.1	9.0	8.4	8.4	7.8	7.3	5.9	5.1	5.0

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH) FOR REGULATED ELECTRIC UTILITIES IN MICHIGAN
JULY 1, 1997**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1000	5 1000	25 5000	100 21600	100 28800	100 36000	1000 432000	10000 4320000	50000 21500000
<u>INVESTOR OWNED</u>												
ALPENA POWER		8.9	7.9	7.4	8.8	8.2	7.7	6.9	6.3	6.0	5.2	5.1
CONSUMERS POWER		8.5	8.5	9.3	10.4	9.8	9.7	8.3	7.4	5.7	5.5	5.4
DETROIT EDISON		9.0	9.0	9.7	10.7	10.0	9.8	9.8	9.5	6.8	6.4	6.2
EDISON SAULT ELECTRIC		7.0	6.3	5.9	7.6	7.0	6.9	6.9	6.4	5.8	5.8	5.8
AEP (ST JOSEPH)		7.5	6.4	6.1	9.8	8.0	7.7	7.4	7.2	4.9	4.1	4.0
AEP (THREE RIVERS)		8.4	7.5	7.0	8.0	7.9	7.5	7.0	6.5	5.6	4.7	4.5
NORTHERN STATES POWER		7.5	6.8	6.5	7.3	6.6	6.5	6.5	6.1	5.2	5.2	5.2
UPPER PENINSULA POWER		10.6	9.5	8.9	10.6	9.9	8.9	7.7	6.9	5.4	5.3	5.2
UPPER PENIN IRON RIVER		8.8	7.9	7.5	7.5	6.9	7.3	6.5	6.0	5.4	5.4	5.4
WISCONSIN ELECTRIC		9.4	8.2	7.6	8.5	7.6	7.5	7.5	6.2	4.9	4.6	4.5
WISCONSIN PUBLIC SERVICE		6.8	6.1	5.7	6.8	6.0	5.9	5.9	5.8	4.4	4.3	4.2
<u>COOPERATIVES</u>												
ALGER DELTA		10.5	8.9	8.1	8.6	9.0	8.8	8.0	7.5	7.2		
CHERRYLAND		11.1	9.7	9.0	9.4	8.8	9.0	8.0	7.5	6.4		
CLOVERLAND		9.7	8.6	7.8	9.1	8.6	7.9	7.2	6.8	4.9		
FRUITBELT		9.3	7.8	7.1	7.0	6.4	6.9	6.3	5.9	5.1		
GREAT LAKES (O&A)		10.4	9.4	8.9	8.6	7.9	8.7	7.8	7.3	6.4		
GREAT LAKES (OCEANA)		10.6	9.4	8.7	9.8	8.9	9.7	8.9	8.5	6.8		
ONTONAGON		11.4	10.0	9.3	9.5	8.9	8.5	7.7	7.2	5.0		
PRESQUE ISLE		11.0	9.6	8.8	9.2	8.6	8.5	8.3	7.8	6.8		
SOUTHEASTERN MICHIGAN		10.1	8.8	8.2	8.7	7.6	8.7	7.7	7.1	5.7		
THUMB		10.2	9.1	8.5	9.1	8.4	10.0	8.9	8.2	6.3		
TOP O'MICHIGAN		10.8	9.6	8.7	9.7	9.1	9.0	8.2	7.7	6.8		
TRI COUNTY		10.8	9.6	9.0	10.0	9.2	9.6	8.8	8.3	6.8		
WESTERN MICH		11.6	10.3	9.5	10.5	9.8	10.5	10.0	9.6	6.8		
<i>AVERAGE INVESTOR OWNED</i>		8.4	7.6	7.4	8.7	8.0	7.8	7.3	6.8	5.5	5.1	5.0
<i>AVERAGE COOPERATIVE</i>		10.6	9.3	8.6	9.2	8.6	8.9	8.1	7.6	6.2		
<i>AVERAGE ALL COMPANIES</i>		9.6	8.5	8.1	9.0	8.3	8.4	7.7	7.2	5.9	5.1	5.0

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH) FOR REGULATED ELECTRIC UTILITIES IN MICHIGAN
JANUARY 1, 1997**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>		
	<i>kW</i>			5	25	100	100	100	1000	10000	50000
<i>kWh</i>	<u>250</u>	<u>500</u>	<u>1000</u>	<u>1000</u>	<u>5000</u>	<u>21600</u>	<u>28800</u>	<u>36000</u>	<u>432000</u>	<u>4320000</u>	<u>21500000</u>
<u>INVESTOR OWNED</u>											
ALPENA POWER	8.9	7.9	7.4	8.8	8.2	7.8	6.9	6.4	6.0	5.3	5.2
CONSUMERS POWER	8.5	8.5	8.5	10.4	9.8	9.7	8.3	7.4	5.7	5.5	5.4
DETROIT EDISON	9.0	9.0	9.7	10.7	10.0	9.8	9.8	9.5	6.8	6.4	6.2
EDISON SAULT ELECTRIC	7.0	6.3	5.9	7.6	7.0	6.9	6.9	6.4	5.8	5.8	5.8
AEP (ST JOSEPH)	7.5	6.4	6.1	9.8	8.0	7.7	7.4	7.2	4.9	4.1	4.0
AEP (THREE RIVERS)	8.4	7.5	7.0	8.0	7.9	7.5	7.0	6.5	5.6	4.7	4.5
NORTHERN STATES POWER	7.5	6.8	6.5	7.3	6.6	6.5	6.5	6.1	5.2	5.2	5.2
UPPER PENINSULA POWER	10.6	9.5	8.9	10.6	9.9	8.9	7.7	6.9	5.4	5.3	5.2
UPPER PENIN IRON RIVER	8.8	7.9	7.5	7.5	6.9	7.3	6.5	6.0	5.4	5.4	5.4
WISCONSIN ELECTRIC	9.4	8.2	7.6	8.5	7.6	7.5	7.5	6.2	4.9	4.6	4.5
WISCONSIN PUBLIC SERVICE	6.8	6.1	5.7	6.8	6.0	5.9	5.9	5.8	4.4	4.3	4.2
<u>COOPERATIVES</u>											
ALGER DELTA	10.7	9.1	8.3	8.8	9.2	8.9	8.1	7.6	7.3		
CHERRYLAND	11.2	9.7	8.8	9.4	8.8	9.0	8.1	7.5	6.5		
CLOVERLAND	9.3	8.2	7.4	8.7	8.1	7.5	6.8	6.4	4.4		
FRUITBELT	8.9	7.4	6.6	6.9	6.3	6.7	6.1	5.8	5.1		
GREAT LAKES (O&A)	10.8	9.8	9.2	8.9	8.3	9.0	8.2	7.7	6.5		
GREAT LAKES (OCEANA)	10.9	9.8	9.1	10.2	9.2	10.0	9.3	8.8	6.8		
ONTONAGON	11.4	10.0	9.3	9.5	8.9	8.5	7.7	7.2	5.0		
PRESQUE ISLE	11.1	9.6	8.9	9.8	9.2	9.0	8.7	8.1	6.9		
SOUTHEASTERN MICHIGAN	10.1	8.8	8.2	8.7	7.6	8.7	7.7	7.1	5.7		
THUMB	10.2	9.1	8.5	9.1	8.4	10.0	8.9	8.2	6.3		
TOP O'MICHIGAN	10.8	9.6	8.8	9.7	9.2	9.1	8.2	7.7	6.9		
TRI COUNTY	10.9	9.7	9.1	10.1	9.3	9.7	8.9	8.4	6.9		
WESTERN MICH	11.6	10.3	9.5	10.5	9.8	10.6	10.0	9.7	6.9		
<i>AVERAGE INVESTOR OWNED</i>	8.4	7.6	7.3	8.7	8.0	7.8	7.3	6.8	5.5	5.1	5.1
<i>AVERAGE COOPERATIVE</i>	10.6	9.3	8.6	9.2	8.6	9.0	8.2	7.7	6.2		
<i>AVERAGE ALL COMPANIES</i>	9.6	8.5	8.0	9.0	8.3	8.4	7.8	7.3	5.9	5.1	5.1

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH) FOR REGULATED ELECTRIC UTILITIES IN MICHIGAN
JANUARY 1, 1996**

	<u>RESIDENTIAL</u>			<u>SMALL COMMERCIAL</u>		<u>LARGE COMMERCIAL</u>			<u>INDUSTRIAL</u>			
	<i>kW</i> <i>kWh</i>	250	500	1000	5	25	100	100	100	1000	10000	50000
		<u>250</u>	<u>500</u>	<u>1000</u>	<u>1000</u>	<u>5000</u>	<u>21600</u>	<u>28800</u>	<u>36000</u>	<u>432000</u>	<u>4320000</u>	<u>21500000</u>
ALPENA POWER		8.7	7.7	7.2	8.6	8.0	7.6	6.7	6.2	5.8	5.1	5.0
CONSUMERS POWER		7.9	7.9	7.9	10.1	9.5	9.4	8.1	7.2	6.0	5.8	5.7
DETROIT EDISON		9.2	9.2	9.9	10.9	10.2	10.0	10.0	9.7	7.0	6.6	6.4
EDISON SAULT ELECTRIC		7.0	6.3	5.9	7.6	7.0	6.9	6.9	6.4	5.8	5.8	5.8
AEP (ST JOSEPH)		7.5	6.4	6.1	9.7	8.0	7.7	7.3	7.1	4.9	4.1	3.9
AEP (THREE RIVERS)		8.4	7.5	7.1	8.0	7.9	7.5	7.1	6.5	5.6	4.7	4.5
NORTHERN STATES POWER		7.6	6.9	6.6	7.4	6.7	6.6	6.6	6.2	5.3	5.3	5.3
UPPER PENINSULA POWER		10.7	9.6	9.0	10.7	10.0	8.9	7.7	7.0	5.4	5.4	5.3
UPPER PENIN IRON RIVER		10.1	9.2	8.8	8.8	8.2	8.6	7.8	7.3	6.7	6.7	6.7
WISCONSIN ELECTRIC		9.5	8.3	7.7	8.6	7.7	7.6	7.6	6.2	4.9	4.6	4.5
WISCONSIN PUBLIC SERVICE		6.9	6.2	5.8	6.8	6.1	5.9	5.9	5.9	4.5	4.4	4.3
ALGER DELTA		12.1	10.8	10.1	10.9	11.2	10.9	10.2	9.8	9.5		
CHERRYLAND		11.7	10.3	9.3	10.0	9.3	9.5	8.6	8.0	6.8		
CLOVERLAND		9.2	8.1	7.2	8.5	8.0	7.3	6.7	6.3	4.3		
FRUITBELT		9.4	8.0	7.4	8.4	7.8	7.9	7.3	6.9	5.2		
O&A		10.7	9.6	9.0	9.8	9.2	9.8	8.9	8.4	6.8		
OCEANA		11.3	10.2	9.5	10.6	9.6	10.4	9.7	9.2	7.2		
ONTONAGON		12.8	11.4	10.7	10.8	10.2	10.9	10.0	9.5	6.4		
PRESQUE ISLE		11.8	10.4	9.6	10.5	9.9	9.8	9.4	8.9	7.3		
SOUTHEASTERN MICHIGAN		10.4	9.2	8.5	9.0	7.9	9.0	8.0	7.4	6.0		
THUMB		10.3	9.2	8.7	9.2	8.6	10.1	9.0	8.2	6.4		
TOP O'MICHIGAN		11.3	10.1	9.3	10.2	9.6	9.5	8.7	8.2	7.3		
TRI COUNTY		11.2	10.0	9.4	10.5	9.6	10.0	9.2	8.7	7.3		
WESTERN MICH		12.1	10.8	10.0	11.1	10.4	11.1	10.5	10.2	7.3		

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH) FOR REGULATED ELECTRIC UTILITIES IN MICHIGAN
JANUARY 1, 1995**

	RESIDENTIAL			SMALL COMMERCIAL		LARGE COMMERCIAL			INDUSTRIAL		
	250	500	1000	5	25	100	100	100	1000	10000	50000
				1000	5000	21600	28800	36000	432000	4320000	21500000
ALPENA POWER	8.8	7.8	7.2	8.7	8.1	7.6	6.7	6.2	5.9	5.1	5.0
CONSUMERS POWER	7.6	7.6	7.6	9.9	9.3	9.2	7.8	7.0	5.7	5.5	5.4
DETROIT EDISON	9.3	9.3	10.0	11.0	10.2	10.1	10.1	9.8	7.1	6.6	6.4
EDISON SAULT ELECTRIC	7.1	6.5	6.1	7.8	7.2	7.1	7.1	6.6	6.0	6.0	6.0
IND MICH (ST JOSEPH)	7.4	6.3	6.0	9.7	7.9	7.6	7.3	7.1	4.8	4.0	3.9
IND MICH (THREE RIVERS)	8.5	7.5	7.1	8.0	7.9	7.6	7.1	6.6	5.7	4.7	4.5
NORTHERN STATES POWER	7.6	6.9	6.6	7.4	6.8	6.6	6.6	6.2	5.3	5.3	5.3
UPPER PENINSULA POWER	11.0	9.9	9.3	11.3	10.5	9.6	8.3	7.5	5.8	5.7	5.6
UPPER PENIN IRON RIVER	10.6	9.7	9.3	9.4	8.8	9.4	8.5	7.9	7.3	7.3	7.3
WISCONSIN ELECTRIC	9.8	8.5	7.9	8.8	7.9	7.8	7.8	6.4	5.1	4.8	4.6
WISCONSIN PUBLIC SERVICE	6.9	6.2	5.8	6.8	6.1	5.9	5.9	5.9	4.4	4.3	4.3
ALGER DELTA	11.5	10.2	9.5	10.3	10.6	10.4	9.7	9.2	8.9		
CHERRYLAND	11.7	10.2	9.3	9.9	9.3	9.5	8.6	8.0	7.3		
CLOVERLAND	9.1	8.0	7.2	8.5	8.0	7.3	6.6	6.2	4.3		
FRUITBELT	9.1	7.8	7.1	8.2	7.6	7.6	7.0	6.7	5.3		
O&A	10.7	9.6	9.0	9.8	9.2	9.8	8.9	8.4	6.8		
OCEANA	11.5	10.4	9.7	10.8	10.1	10.7	9.9	9.5	7.3		
ONTONAGON	12.8	11.4	10.7	10.8	10.2	10.9	10.0	9.5	6.5		
PRESQUE ISLE	12.0	10.5	9.8	10.6	10.0	9.9	9.5	9.0	7.3		
SOUTHEASTERN MICHIGAN	10.1	8.9	8.2	8.7	7.7	8.7	7.7	7.1	5.7		
THUMB	10.5	9.4	8.9	9.4	8.8	10.3	9.3	8.7	6.6		
TOP O'MICHIGAN	11.2	10.0	9.2	10.1	9.5	9.4	8.6	8.1	7.3		
TRI COUNTY	11.3	10.1	9.5	10.5	9.7	10.0	9.2	8.8	7.3		
WESTERN MICH	12.1	10.8	10.0	11.0	10.3	11.1	10.5	10.2	7.3		

COMPARISON OF AVERAGE RATES (IN CENTS PER KWH) FOR REGULATED ELECTRIC UTILITIES IN MICHIGAN
FEBRUARY 1, 1994

	RESIDENTIAL			SMALL COMMERCIAL		LARGE COMMERCIAL			INDUSTRIAL		
	250	500	1000	5	25	100	100	100	1000	10000	50000
				1000	5000	21600	28800	36000	432000	4320000	21500000
ALPENA POWER	9.3	8.2	7.7	9.2	8.5	8.1	7.2	6.7	6.4	5.6	5.5
CONSUMERS POWER	7.2	7.2	7.2	9.7	9.2	9.1	7.7	6.9	5.9	5.6	5.5
DETROIT EDISON	9.3	9.3	10.0	11.0	10.2	10.1	10.1	9.8	7.1	6.6	6.4
EDISON SAULT ELECTRIC	7.0	6.3	6.0	7.7	7.1	6.9	6.9	6.4	5.8	5.8	5.8
IND MICH (ST JOSEPH)	7.1	6.0	5.7	9.4	7.6	7.3	7.0	6.8	4.5	3.7	3.6
IND MICH (THREE RIVERS)	8.4	7.4	7.0	7.9	7.8	7.4	7.0	6.4	5.6	4.6	4.4
NORTHERN STATES POWER	7.6	6.9	6.6	7.4	6.8	6.6	6.6	6.2	5.4	5.3	5.3
UPPER PENINSULA POWER	11.3	10.2	9.6	11.5	10.8	9.9	8.6	7.8	6.0	6.0	5.9
UPPER PENIN IRON RIVER	10.5	9.6	9.1	9.3	8.7	9.2	8.4	7.8	7.1	7.1	7.2
WISCONSIN ELECTRIC	9.9	8.6	7.9	8.9	8.0	7.8	7.8	6.4	5.1	4.8	4.7
WISCONSIN PUBLIC SERVICE	7.1	6.3	6.0	7.0	6.3	6.1	6.1	6.1	4.6	4.5	4.5
ALGER DELTA	12.0	10.6	10.0	10.7	11.0	10.8	10.1	9.7	9.4		
CHERRYLAND	11.8	10.3	9.4	10.0	9.4	9.6	8.7	8.1	7.0		
CLOVERLAND	9.6	8.5	7.6	8.9	8.4	7.7	7.0	6.6	4.7		
FRUITBELT	9.1	7.7	7.1	8.1	7.5	7.5	7.0	6.6	5.5		
O&A	10.4	9.4	8.8	9.6	9.0	9.5	8.7	8.2	7.0		
OCEANA	11.4	10.3	9.6	10.7	10.0	10.6	9.8	9.4	7.0		
ONTONAGON	12.3	10.9	10.2	10.4	10.7	10.5	9.6	9.1	8.7		
ONT EWEN & TROUT CREEK	12.6	11.2	10.5								
PRESQUE ISLE	11.7	10.2	9.5	10.4	9.7	9.6	9.2	8.7	7.0		
SOUTHEASTERN MICHIGAN	10.2	9.0	8.3	8.8	7.8	8.8	7.8	7.3	5.8		
THUMB	10.6	9.5	9.0	9.5	8.9	10.5	9.4	8.7	6.7		
TOP O'MICHIGAN	11.0	9.8	9.0	10.0	9.4	9.3	8.4	7.9	7.0		
TRI COUNTY	11.2	10.0	9.4	10.4	9.5	9.9	9.1	8.6	7.0		
WESTERN MICH	11.8	10.5	9.7	10.7	10.0	10.7	10.2	9.8	7.0		

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH) FOR REGULATED ELECTRIC UTILITIES IN MICHIGAN
FEBRUARY 1, 1993**

	RESIDENTIAL			SMALL COMMERCIAL		LARGE COMMERCIAL			INDUSTRIAL		
	250	500	1000	5	25	100	100	100	1000	10000	50000
				1000	5000	21600	28800	36000	432000	4320000	21500000
ALPENA POWER	9.3	8.3	7.7	9.2	8.6	8.1	7.3	6.7	6.4	5.6	5.6
CONSUMERS POWER	7.3	7.3	7.3	9.8	9.3	9.2	7.8	7.0	6.0	5.7	5.6
DETROIT EDISON	9.3	9.3	10.1	11.2	10.5	10.3	10.3	10.0	7.5	7.1	6.8
EDISON SAULT ELECTRIC	6.7	6.0	5.7	7.4	6.8	6.7	6.6	6.1	5.6	5.5	5.5
IND MICH (ST JOSEPH)	7.1	6.0	5.6	9.3	7.6	7.3	6.9	6.8	4.5	3.7	3.6
IND MICH (THREE RIVERS)	8.2	7.3	6.8	7.8	7.7	7.3	6.9	6.3	5.4	4.5	4.3
NORTHERN STATES POWER	7.6	6.9	6.6	7.4	6.8	6.6	6.6	6.2	5.4	5.3	5.3
UPPER PENINSULA POWER	10.3	9.2	8.7	10.8	10.1	9.3	8.0	7.2	5.7	5.7	5.6
UPPER PENIN IRON RIVER	9.9	9.1	8.7	9.1	8.5	9.1	8.2	7.8	7.1	7.1	7.2
WISCONSIN ELECTRIC	9.3	8.1	7.5	8.6	7.7	7.6	7.6	6.3	5.0	4.7	4.6
WISCONSIN PUBLIC SERVICE	7.1	6.4	6.0	7.1	6.3	6.2	6.2	6.1	4.7	4.6	4.5
ALGER DELTA	12.5	11.2	10.5	11.3	11.6	11.4	10.7	10.2	9.9		
CHERRYLAND	11.6	10.2	9.2	9.9	9.3	9.5	8.5	8.0	6.9		
CLOVERLAND	9.2	8.1	7.2	8.5	8.0	7.3	6.7	6.3	4.3		
FRUITBELT	9.2	7.9	7.2	8.2	7.7	7.7	7.1	6.7	5.4		
O&A	10.3	9.2	8.7	9.5	8.8	9.4	8.5	8.0	6.9		
OCEANA	11.1	9.9	9.2	10.3	9.6	10.2	9.4	9.0	6.9		
ONTONAGON	13.3	11.9	11.2	11.4	11.7	11.4	10.5	10.0	9.7		
ONT EWEN & TROUT CREEK	13.1	11.7	11.0								
PRESQUE ISLE	11.7	10.2	9.5	10.4	9.7	9.6	9.2	8.7	6.9		
SOUTHEASTERN MICHIGAN	10.1	8.9	8.2	8.7	7.7	8.7	7.7	7.1	5.7		
THUMB	10.7	9.6	9.1	9.6	9.0	10.6	9.5	8.8	6.8		
TOP O'MICHIGAN	10.9	9.7	8.8	9.8	9.2	9.1	8.3	7.8	6.9		
TRI COUNTY	11.1	9.9	9.3	10.2	9.4	9.8	9.0	8.5	6.9		
WESTERN MICH	11.6	10.3	9.5	10.5	9.8	10.5	10.0	9.6	6.9		

**COMPARISON OF AVERAGE RATES (IN CENTS PER KWH) FOR REGULATED ELECTRIC UTILITIES IN MICHIGAN
February 1, 1992**

	RESIDENTIAL			SMALL COMMERCIAL		LARGE COMMERCIAL			INDUSTRIAL		
	250	500	1000	5	25	100	100	100	1000	10000	50000
				1000	5000	21600	28800	36000	432000	4320000	21500000
ALPENA POWER	8.5	7.5	7.1	8.7	8.1	7.8	6.9	6.5	6.1	6.1	6.1
CONSUMERS POWER	6.8	6.8	6.8	9.3	8.8	8.7	7.3	6.5	5.5	5.2	5.1
DETROIT EDISON	9.7	9.7	10.5	11.6	10.9	10.8	10.8	10.4	7.9	7.5	7.3
EDISON SAULT ELECTRIC	6.9	6.3	5.9	7.6	7.0	6.9	6.9	6.4	5.8	5.8	5.8
INDIANA MICH	6.8	5.7	5.5	9.2	7.3	7.0	6.7	6.5	4.3	3.6	3.5
MICHIGAN POWER	8.2	7.3	6.8	7.8	7.7	7.3	6.9	6.3	5.4	4.5	4.3
NORTHERN STATES POWER	7.5	6.8	6.5	7.3	6.6	6.5	6.5	6.1	5.2	5.2	5.2
UPPER PENINSULA POWER	10.6	9.6	9.1	11.1	10.4	9.6	8.3	7.6	6.1	6.1	6.0
UPPER PENIN IRON RIVER	9.8	9.0	8.6	8.9	8.4	8.9	8.1	7.6	7.0	7.0	7.0
WISCONSIN ELECTRIC	9.4	8.3	7.7	8.8	7.9	7.8	7.8	6.5	5.2	4.9	4.7
WISCONSIN PUBLIC SERVICE	7.2	6.5	6.1	7.2	6.4	6.3	6.2	6.2	4.8	4.7	4.6
ALGER DELTA	12.2	10.9	10.3	11.0	11.3	11.1	10.4	10.0	9.7		
CHERRYLAND	11.6	10.3	9.3	9.9	9.3	9.6	8.7	8.1	7.0		
CLOVERLAND	9.1	8.0	7.2	8.5	8.0	7.3	6.6	6.2	4.3		
FRUITBELT	9.4	8.0	7.4	8.4	7.8	7.8	7.3	6.9	5.7		
O&A	10.3	9.4	8.8	9.8	9.2	9.5	8.7	8.3	7.8		
OCEANA	11.1	10.1	9.4	10.7	9.8	10.3	9.6	9.2	7.0		
ONTONAGON	12.6	11.4	10.7	10.9	11.2	11.0	10.3	9.9	9.6		
ONT EWEN & TROUT CREEK	11.9	10.6	10.0								
PRESQUE ISLE	10.9	9.5	8.8	10.1	9.5	9.4	8.9	8.4	7.0		
SOUTHEASTERN MICHIGAN	10.0	8.8	8.1	8.6	7.6	8.6	7.6	7.0	5.6		
THUMB	11.1	10.0	9.5	10.1	9.5	11.0	9.9	9.2	7.1		
TOP O'MICHIGAN	11.0	9.9	9.0	9.4	8.9	8.8	8.7	8.2	7.0		
TRI COUNTY	10.8	9.7	9.2	10.2	9.4	10.1	9.3	8.9	7.0		
WESTERN MICH	11.9	10.6	9.8	10.9	10.2	10.9	10.3	10.0	7.0		