

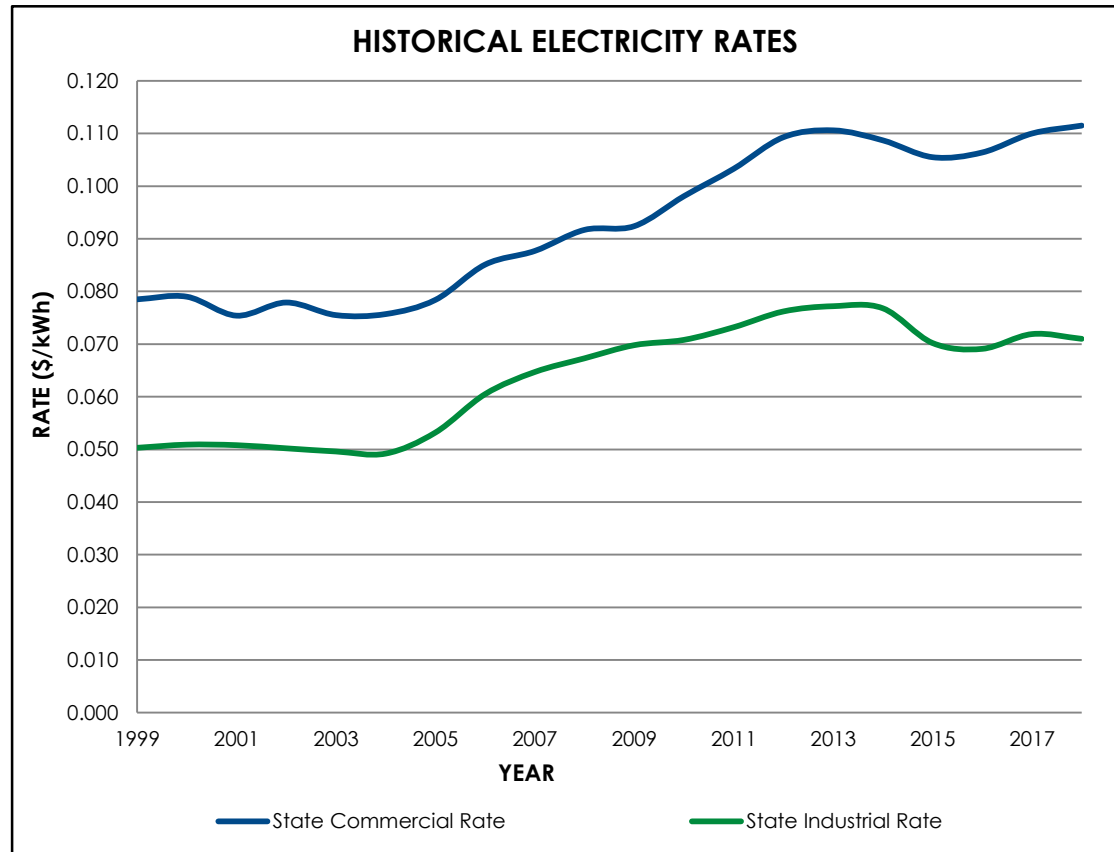
20 YEAR HISTORICAL ELECTRICITY RATE ANALYSIS: INDUSTRIAL AND COMMERCIAL BY STATE

1999-2018



Michigan (MI)

Year	ELECTRICITY RATES (\$/kWh)			
	INDUSTRIAL		COMMERCIAL	
	Rate	% Change	Rate	% Change
1999	\$ 0.050	--	\$ 0.079	--
2000	\$ 0.051	+1.2%	\$ 0.079	+0.6%
2001	\$ 0.051	-0.2%	\$ 0.075	-4.6%
2002	\$ 0.050	-1.2%	\$ 0.078	+3.3%
2003	\$ 0.050	-1.2%	\$ 0.076	-3.1%
2004	\$ 0.049	-0.8%	\$ 0.076	+0.3%
2005	\$ 0.053	+8.1%	\$ 0.078	+3.6%
2006	\$ 0.061	+13.7%	\$ 0.085	+8.5%
2007	\$ 0.065	+6.9%	\$ 0.088	+3.1%
2008	\$ 0.067	+4.0%	\$ 0.092	+4.6%
2009	\$ 0.070	+3.7%	\$ 0.092	+0.8%
2010	\$ 0.071	+1.4%	\$ 0.098	+6.2%
2011	\$ 0.073	+3.4%	\$ 0.103	+5.3%
2012	\$ 0.076	+4.1%	\$ 0.109	+5.8%
2013	\$ 0.077	+1.3%	\$ 0.111	+1.2%
2014	\$ 0.077	-0.5%	\$ 0.109	-1.7%
2015	\$ 0.070	-8.6%	\$ 0.106	-2.9%
2016	\$ 0.069	-1.6%	\$ 0.106	+0.9%
2017	\$ 0.072	+4.1%	\$ 0.110	+3.4%
2018	\$ 0.071	-1.3%	\$ 0.112	+1.4%



ELECTRICITY RATE SUMMARY (\$/kWh)					
	1999 RATE	2018 RATE	AVERAGE ANNUAL INCREASE	TOTAL INCREASE	PREDICTED 2038 RATE
INDUSTRIAL	\$0.050	\$0.071	1.7%	41.2%	\$0.100
COMMERCIAL	\$0.079	\$0.112	1.8%	42.0%	\$0.158

SOURCE: US EIA Report: 1999-2018 (See methodology page for details)