

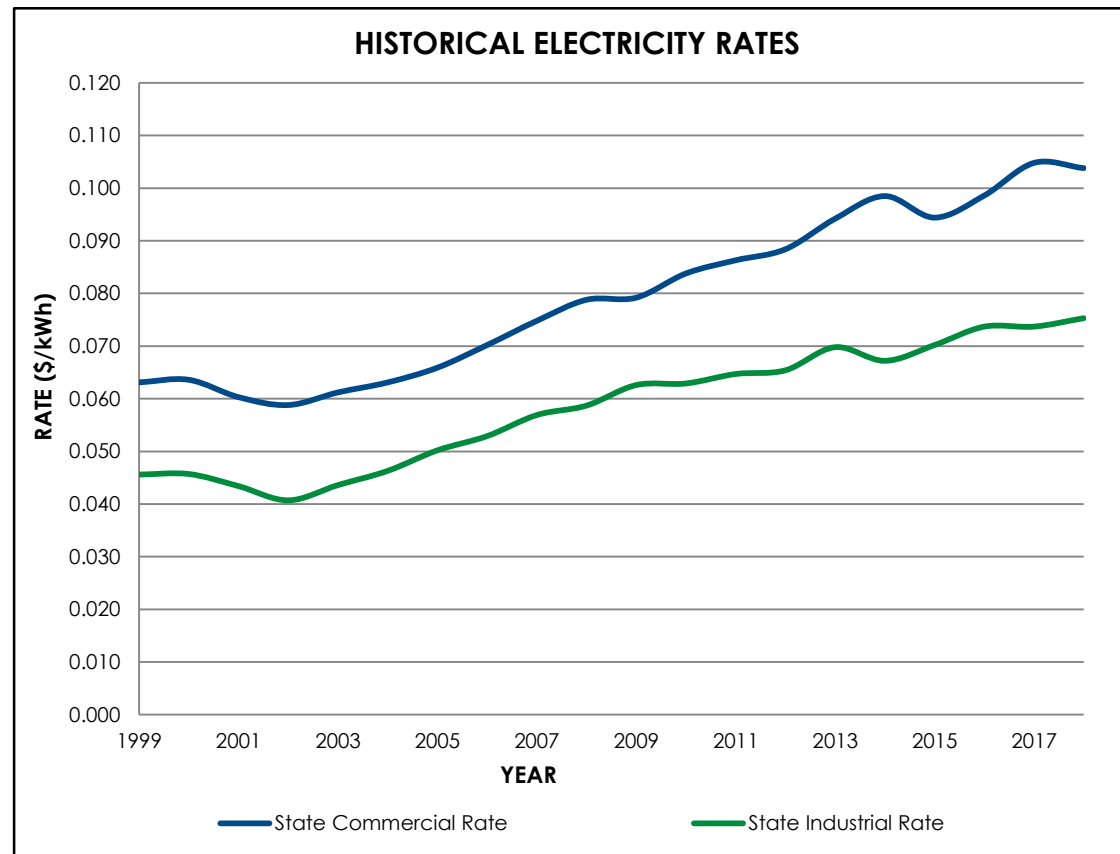
20 YEAR HISTORICAL ELECTRICITY RATE ANALYSIS: INDUSTRIAL AND COMMERCIAL BY STATE 1999-2018



Minnesota (MN)

Year	ELECTRICITY RATES (\$/kWh)			
	INDUSTRIAL		COMMERCIAL	
	Rate	% Change	Rate	% Change
1999	\$ 0.046	--	\$ 0.063	--
2000	\$ 0.046	+0.2%	\$ 0.064	+0.8%
2001	\$ 0.043	-5.0%	\$ 0.060	-5.2%
2002	\$ 0.041	-6.2%	\$ 0.059	-2.5%
2003	\$ 0.044	+7.1%	\$ 0.061	+4.1%
2004	\$ 0.046	+6.2%	\$ 0.063	+3.1%
2005	\$ 0.050	+8.4%	\$ 0.066	+4.4%
2006	\$ 0.053	+5.4%	\$ 0.070	+6.5%
2007	\$ 0.057	+7.6%	\$ 0.075	+6.6%
2008	\$ 0.059	+3.2%	\$ 0.079	+5.3%
2009	\$ 0.063	+6.6%	\$ 0.079	+0.5%
2010	\$ 0.063	+0.5%	\$ 0.084	+5.8%
2011	\$ 0.065	+2.9%	\$ 0.086	+3.0%
2012	\$ 0.065	+1.1%	\$ 0.088	+2.4%
2013	\$ 0.070	+6.7%	\$ 0.094	+6.6%
2014	\$ 0.067	-3.7%	\$ 0.099	+4.6%
2015	\$ 0.070	+4.5%	\$ 0.094	-4.2%
2016	\$ 0.074	+5.0%	\$ 0.099	+4.4%
2017	\$ 0.074	0.0%	\$ 0.105	+6.3%
2018	\$ 0.075	+2.2%	\$ 0.104	-1.0%

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



ELECTRICITY RATE SUMMARY (\$/kWh)					
	1999 RATE	2018 RATE	AVERAGE ANNUAL INCREASE	TOTAL INCREASE	PREDICTED 2038 RATE
INDUSTRIAL	\$0.046	\$0.075	2.5%	65.1%	\$0.124
COMMERCIAL	\$0.063	\$0.104	2.5%	64.5%	\$0.171