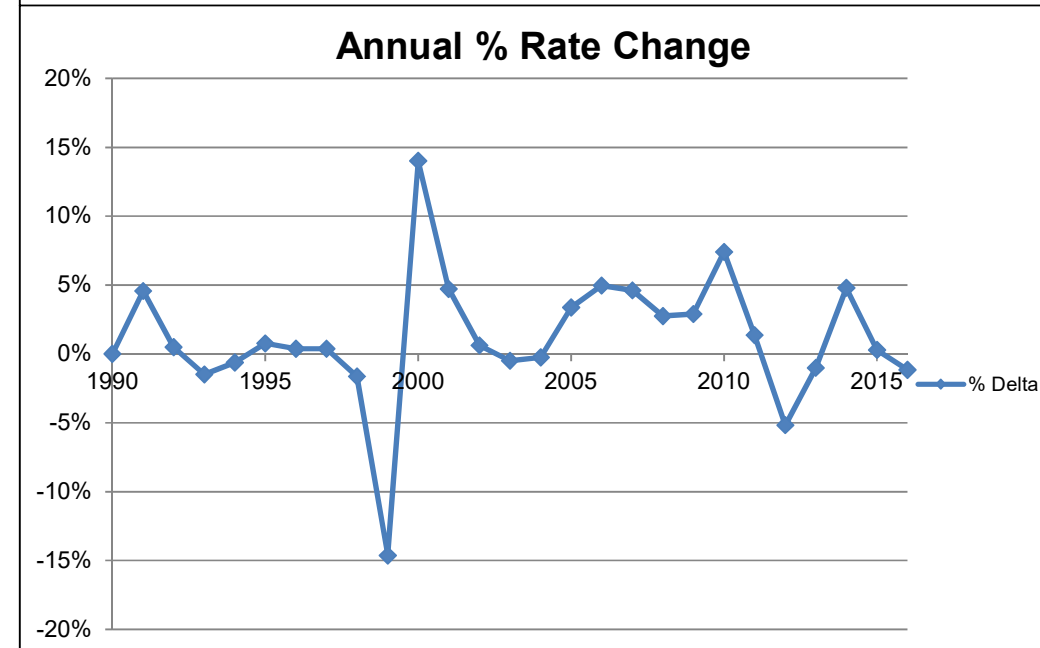
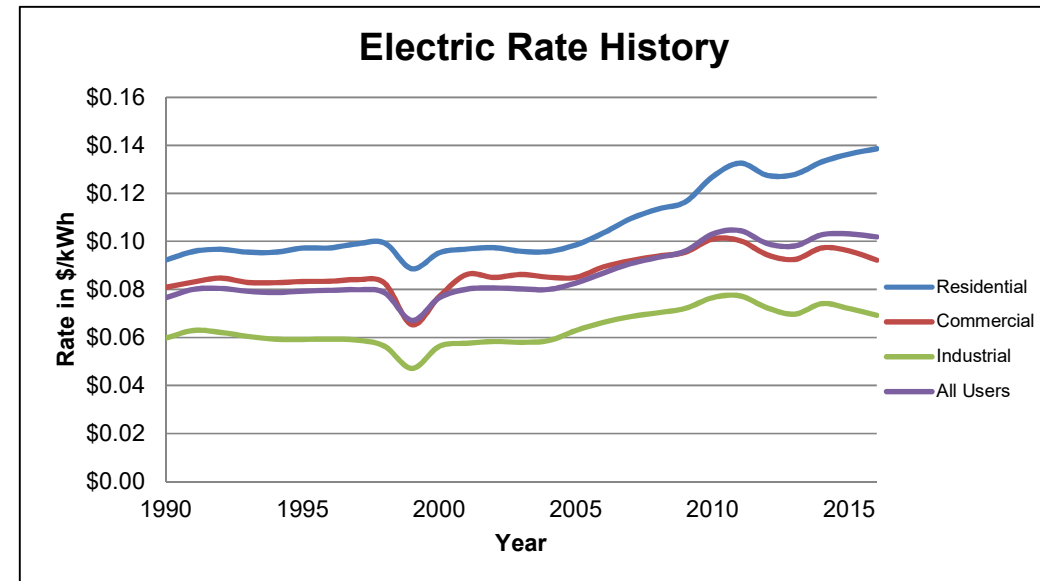


**Electricity Rate Historical Analysis
1990-2016
Pennsylvania (State Wide)**

Year	Electric Rate in \$/kWh				% Delta
	Residential	Commercial	Industrial	All Users	
1990	0.092	0.081	0.060	0.077	-
1991	0.096	0.083	0.063	0.080	4.6%
1992	0.097	0.085	0.062	0.080	0.5%
1993	0.096	0.083	0.060	0.079	-1.5%
1994	0.096	0.083	0.059	0.079	-0.6%
1995	0.097	0.083	0.059	0.079	0.8%
1996	0.097	0.083	0.059	0.080	0.4%
1997	0.099	0.084	0.059	0.080	0.4%
1998	0.099	0.083	0.056	0.079	-1.6%
1999	0.089	0.065	0.047	0.067	-14.6%
2000	0.095	0.077	0.056	0.077	14.0%
2001	0.097	0.086	0.058	0.080	4.7%
2002	0.097	0.085	0.058	0.081	0.6%
2003	0.096	0.086	0.058	0.080	-0.5%
2004	0.096	0.085	0.059	0.080	-0.2%
2005	0.099	0.085	0.063	0.083	3.4%
2006	0.104	0.089	0.066	0.087	5.0%
2007	0.110	0.092	0.069	0.091	4.6%
2008	0.114	0.094	0.070	0.093	2.8%
2009	0.117	0.096	0.072	0.096	2.9%
2010	0.127	0.101	0.077	0.103	7.4%
2011	0.133	0.100	0.077	0.105	1.4%
2012	0.128	0.094	0.072	0.099	-5.2%
2013	0.128	0.093	0.070	0.098	-1.0%
2014	0.133	0.097	0.074	0.103	4.8%
2015	0.136	0.096	0.072	0.103	0.3%
2016	0.139	0.092	0.069	0.102	-1.2%

	Annual % Increase	Net % Increase	Net Increase (\$/kWh)
20 Year Increase (1997-2016)	1.22%	27.53%	0.022
10 Year Increase (2007-2016)	1.29%	12.22%	0.011
5 Year Increase (2012-2016)	0.70%	2.83%	0.003



Notes and Sources

-Rate growth statistics based on "Total Electric Industry" in each state as defined by United States Energy Information Administration
 -Past rates may or may not be a reflection of future rates and trends
 -US EIA Report: 1990 - 2016 Average Price by State by Provider (EIA-861), Release Date: November 9, 2017