

**Public Service Company of Colorado
 Historical Electric Productivity Analysis
 Reporting Years 2008 through 2018**

Year	(1) Weather Normalized Billed Electric Sales	(2) Total Electric Labor Costs (2018 Dollars)	Billed Electric Output / Labor Input	Billed Electric Output/Labor Input Annual % Change	Electric System Labor Output		
					Annual Compounded % Rate from 2008	Annual Compounded % Rate from 2012	Annual Compounded % Rate from 2015
2008	34,871,239	293,753,710	0.119				
2009	33,783,577	328,976,932	0.103	-13.49%	-13.49%		
2010	33,307,031	329,017,594	0.101	-1.42%	-7.65%		
2011	32,477,088	339,763,327	0.096	-5.58%	-6.97%		
2012	30,686,153	340,490,137	0.090	-5.72%	-6.66%		
2013	30,919,531	325,755,296	0.095	5.32%	-4.37%	5.32%	
2014	31,515,545	321,333,567	0.098	3.33%	-3.13%	4.32%	
2015	30,734,346	333,167,594	0.092	-5.94%	-3.54%	0.78%	
2016	30,412,061	298,610,515	0.102	10.40%	-1.90%	3.10%	10.40%
2017	30,343,471	297,859,559	0.102	0.03%	-1.69%	2.48%	5.09%
2018	30,554,580	295,268,805	0.103	1.58%	-1.36%	2.33%	3.90%

(1) Source: Electric Databank file provided by Energy and Demand Forecasting (Billed Electric Sales per Month totals), less Non-Requirements Sales for Resale.

(2) Source: FERC Form 1 "Distribution of Salaries and Wages" applicable to the Electric System coupled with PSCo Appendix A Annual Filings with respect to Pension and Benefit amounts.

Public Service Company of Colorado
 Electric Wages and Benefits
 Calendar Years 2008 through 2018

Year	Total Electric Operation and Maintenance (page 354, In 28, FERC Form 1)	Construction Electric Plant (page 355, In 68, FERC Form 1)	Plant Removal Electric Plant (page 355, In 73, FERC Form 1)	Electric Pension and Benefits (Appendix A, FERC Act 926)	Total Electric Labor Related Costs	CPI (BASE = 2018) (1)	Total Electric Labor Costs (2018 Dollars)
2008	\$154,938,013	\$42,041,055	\$2,038,297	\$52,847,066	\$251,864,431	0.85740	\$293,753,710
2009	\$169,802,184	\$46,067,732	\$1,853,279	\$63,354,696	\$281,077,891	0.85440	\$328,976,932
2010	\$178,448,868	\$46,438,105	\$3,528,115	\$57,303,791	\$285,718,879	0.86840	\$329,017,594
2011	\$187,778,465	\$48,702,880	\$3,189,438	\$64,689,205	\$304,359,988	0.89580	\$339,763,327
2012	\$179,022,344	\$53,306,187	\$3,658,174	\$75,323,427	\$311,310,132	0.91430	\$340,490,137
2013	\$181,599,774	\$52,380,616	\$2,948,876	\$65,273,922	\$302,203,188	0.92770	\$325,755,296
2014	\$186,619,160	\$56,284,670	\$2,925,902	\$57,123,555	\$302,953,287	0.94280	\$321,333,567
2015	\$191,307,895	\$60,525,444	\$3,145,316	\$59,498,237	\$314,476,892	0.94390	\$333,167,594
2016	\$188,137,969	\$39,495,171	\$4,337,139	\$53,441,651	\$285,411,930	0.95580	\$298,610,515
2017	\$192,693,691	\$40,240,180	\$5,945,877	\$51,890,753	\$290,770,501	0.97620	\$297,859,559
2018	\$190,690,048	\$49,548,722	\$2,258,660	\$52,771,375	\$295,268,805	1.00000	\$295,268,805

(1) Derived from Attachment No. DAB-9, page 3 of 3.

Consumer Price Index - All Urban Consumers
Original Data Value

Series Id: CUUR0000SA0,CUUS0000SA0
Not Seasonally Adjusted
Area: U.S. city average
Item: All items
Base Period: 1982-84=100
Years: 2000 to 2016

Year	1982-84=100	2018=1.0
2000	172.200	0.6858
2001	177.100	0.7053
2002	179.900	0.7164
2003	184.000	0.7328
2004	188.900	0.7523
2005	195.300	0.7778
2006	201.600	0.8028
2007	207.342	0.8257
2008	215.303	0.8574
2009	214.537	0.8544
2010	218.056	0.8684
2011	224.939	0.8958
2012	229.594	0.9143
2013	232.957	0.9277
2014	236.736	0.9428
2015	237.017	0.9439
2016	240.007	0.9558
2017	245.120	0.9762
2018	251.107	1.0000

Source: U.S. Dept. of Labor, Bureau of Labor Statistics