

**Table ET4. Commercial sector energy price and expenditure estimates, selected years, 1970-2022, Arizona**

Year	Primary energy										Electricity <sup>i</sup>	Total energy <sup>f,g,h</sup>
	Coal	Natural gas <sup>a</sup>	Petroleum					Biomass	Total <sup>f,g,h</sup>			
			Distillate fuel oil	HGL <sup>b</sup>	Kerosene	Motor gasoline <sup>c</sup>	Residual fuel oil			Wood and waste <sup>e,f</sup>		
Prices in dollars per million Btu												
1970	—	0.60	1.12	1.03	0.77	2.80	0.63	1.46	0.72	0.70	5.57	2.50
1975	—	1.10	2.62	2.58	2.35	4.62	2.08	2.93	1.43	1.33	10.03	4.67
1980	—	3.00	6.94	5.47	—	9.68	—	7.40	3.66	3.45	16.68	9.97
1985	1.80	5.33	5.94	9.49	11.18	9.06	4.13	7.29	4.14	5.61	22.33	15.21
1990	1.97	4.64	5.63	8.95	7.44	9.22	—	7.20	4.75	5.00	23.08	16.09
1995	2.03	5.06	5.06	10.13	5.05	9.66	—	6.94	3.86	5.22	22.58	16.61
2000	1.88	6.62	7.80	13.07	9.66	12.20	—	9.02	5.70	7.01	20.54	16.15
2005	2.18	9.63	14.62	17.56	13.55	18.74	—	15.52	8.72	10.22	21.68	18.43
2006	2.19	11.89	16.88	20.17	21.79	20.70	—	17.83	9.82	12.43	23.50	20.42
2007	2.76	12.52	18.04	21.90	23.88	22.22	—	18.92	10.86	13.27	24.23	21.24
2008	—	12.68	24.08	25.51	25.89	25.89	—	24.39	13.49	15.13	26.17	22.92
2009	—	11.93	14.43	19.54	24.71	18.74	—	15.48	9.05	12.49	27.41	23.20
2010	—	10.54	18.57	21.20	26.65	22.50	—	19.25	10.24	12.40	27.76	23.21
2011	—	9.86	25.15	26.07	32.11	27.70	—	25.48	11.58	13.14	27.83	23.50
2012	—	9.16	25.90	19.20	33.65	29.11	—	25.05	13.33	12.49	27.93	23.49
2013	—	8.54	25.04	20.07	33.08	28.00	—	24.36	16.76	11.58	28.86	23.85
2014	—	10.02	23.52	20.74	32.78	27.09	—	23.00	16.34	12.64	29.70	24.86
2015	—	10.08	14.86	13.00	16.91	22.25	—	18.62	11.26	13.04	30.45	24.72
2016	—	8.48	12.56	13.16	13.48	19.36	—	16.38	9.62	10.98	30.52	23.86
2017	—	8.58	15.02	R 16.62	16.86	21.58	—	R 18.86	10.76	R 12.04	30.76	R 24.61
2018	—	8.36	18.56	R 18.08	24.35	24.72	—	R 22.01	11.90	R 12.85	31.18	R 25.16
2019	—	7.07	17.84	R 14.39	22.74	25.09	—	R 21.17	11.46	R 11.56	30.03	R 23.66
2020	—	6.73	12.56	R 13.60	14.77	21.34	—	R 17.87	9.47	R 10.43	29.63	R 23.29
2021	—	8.39	18.99	R 20.90	23.32	27.85	—	R 23.92	11.37	R 13.79	30.28	R 24.64
2022	—	10.47	28.82	22.17	38.50	37.10	—	31.97	17.59	17.84	31.66	26.91

  

Expenditures in million dollars												
1970	—	14.3	1.4	0.9	0.1	2.2	0.1	4.7	(s)	19.1	89.1	108.2
1975	—	37.8	7.4	1.5	0.2	4.3	1.1	14.5	(s)	52.3	245.1	297.5
1980	—	86.2	11.3	3.9	—	9.1	—	24.4	0.1	110.7	519.3	630.0
1985	(s)	141.3	16.0	9.9	0.1	6.7	(s)	32.7	0.2	174.2	936.7	1,110.9
1990	(s)	136.0	14.9	7.6	0.1	12.4	—	35.0	1.8	172.8	1,264.5	1,437.3
1995	0.2	148.2	10.4	10.8	(s)	1.8	—	23.0	1.8	173.2	1,429.9	1,603.1
2000	(s)	215.0	39.4	17.9	0.1	2.3	—	59.7	4.0	278.7	1,703.7	1,982.3
2005	0.1	314.1	40.2	15.4	0.1	3.9	—	59.7	5.3	379.1	2,031.8	2,410.9
2006	(s)	397.1	44.9	16.0	0.3	4.6	—	65.8	5.6	468.6	2,294.9	2,763.5
2007	(s)	419.8	66.8	17.8	0.3	5.1	—	90.1	6.6	516.5	2,519.4	3,035.9
2008	—	423.0	170.6	41.9	0.1	6.0	—	218.5	8.6	650.1	2,693.2	3,343.3
2009	—	391.2	72.4	16.2	0.1	10.7	—	99.4	1.9	492.5	2,748.0	3,240.4
2010	—	342.5	128.7	25.1	0.1	16.6	—	170.5	2.2	515.2	2,741.7	3,256.9
2011	—	326.0	169.2	37.7	0.1	17.7	—	224.7	2.6	553.2	2,802.8	3,356.1
2012	—	294.8	171.1	25.9	(s)	16.1	—	213.1	2.5	510.4	2,829.6	3,339.9
2013	—	288.1	146.8	29.6	(s)	17.8	—	194.2	2.8	485.1	2,958.0	3,443.1
2014	—	314.9	139.0	36.2	(s)	6.0	—	181.2	2.8	498.9	2,967.7	3,466.7
2015	—	321.5	93.3	21.3	(s)	201.3	—	315.9	2.7	640.1	3,042.9	3,683.0
2016	—	300.3	62.8	31.9	(s)	175.1	—	269.8	2.3	572.4	3,078.2	3,650.6
2017	—	280.0	75.5	R 41.2	(s)	196.8	—	R 313.5	R 2.5	R 596.0	3,115.3	R 3,711.2
2018	—	276.4	84.1	R 43.7	(s)	229.1	—	R 357.0	R 3.2	R 636.6	3,158.3	R 3,794.9
2019	—	252.9	70.3	R 49.7	(s)	233.8	—	R 353.8	3.8	R 610.4	3,013.7	R 3,624.2
2020	—	218.4	42.8	R 46.0	(s)	200.2	—	R 289.0	2.8	R 510.2	2,944.3	R 3,454.6
2021	—	288.9	R 101.8	R 75.5	(s)	263.7	—	R 441.1	3.4	R 733.3	3,098.8	R 3,832.0
2022	—	385.2	172.4	72.9	(s)	368.2	—	613.5	5.9	1,004.6	3,403.6	4,408.3

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.  
<sup>b</sup> Hydrocarbon gas liquids, assumed to be propane only.  
<sup>c</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in the expenditure series between 2014 and 2015 because of changes in consumption estimates from the source. See Consumption Technical Notes, Section 4.  
<sup>d</sup> Includes small amounts of petroleum coke not shown separately.  
<sup>e</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.  
<sup>f</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and biomass waste beginning in 1989.  
<sup>g</sup> There are no direct fuel costs for hydroelectric, geothermal, solar, or wind energy.  
<sup>h</sup> For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline

column.  
<sup>i</sup> Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.  
Where shown, R = Revised data and (s) = Value less than 0.05 million dollars.  
Where shown, — = No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.  
Notes: Expenditure totals may not equal sum of components due to independent rounding. The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants.  
Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.  
Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>