

Table E1. Primary Energy, Electricity, and Total Energy Price Estimates, 2016
(Dollars per Million Btu)

State	Primary Energy												Electric Power Sector ^{g,h}	Retail Electricity	Total Energy ^{g,i}
	Coal	Natural Gas ^a	Petroleum							Nuclear Fuel	Biomass				
			Distillate Fuel Oil	HGL ^b	Jet Fuel ^c	Motor Gasoline ^d	Residual Fuel Oil	Other ^e	Total		Wood and Waste ^f	Total ^{g,h,i}			
Alabama	2.50	3.90	15.03	17.20	9.56	16.29	5.82	21.58	15.73	0.69	3.00	6.02	1.98	28.07	14.77
Alaska	6.00	7.95	16.94	16.86	9.96	24.05	—	16.82	14.74	—	6.33	12.80	7.19	52.62	16.61
Arizona	2.14	5.00	15.66	18.87	10.27	19.35	—	20.17	17.98	0.83	3.78	8.09	1.96	30.28	20.70
Arkansas	2.19	5.18	14.96	14.45	9.53	16.49	7.36	18.32	15.86	0.67	3.10	7.09	2.02	23.85	14.56
California	3.38	6.62	18.25	19.01	9.82	21.99	8.44	26.14	18.45	0.65	3.10	13.25	2.84	44.74	19.90
Colorado	1.87	5.23	15.12	16.81	9.78	17.37	—	22.70	16.28	—	6.46	8.81	2.17	28.85	15.75
Connecticut	4.07	6.54	16.29	24.49	10.41	18.67	7.66	20.51	17.95	0.71	2.83	9.79	2.01	50.54	21.92
Delaware	2.86	5.29	15.30	19.72	9.49	18.31	5.95	18.13	17.62	—	4.06	10.45	2.14	32.74	18.51
Dist. of Col.	3.45	9.86	15.33	18.28	—	19.25	—	11.31	17.40	—	2.34	12.81	2.29	34.38	22.36
Florida	3.03	4.39	15.81	18.91	10.12	17.13	9.27	16.92	15.98	0.65	2.58	8.80	3.11	29.03	18.78
Georgia	2.82	5.42	15.12	18.71	10.04	16.66	7.73	21.63	16.24	0.81	2.98	7.98	2.24	28.10	16.50
Hawaii	3.09	27.30	20.37	19.57	10.35	24.05	7.73	22.28	14.61	—	1.10	13.56	7.40	70.01	25.09
Idaho	2.24	5.53	16.04	17.44	10.08	18.65	6.12	21.68	17.49	—	3.29	12.44	2.84	23.70	15.56
Illinois	2.06	6.12	16.54	8.54	9.93	17.43	7.31	22.28	15.88	0.68	2.91	6.87	1.31	27.69	14.57
Indiana	2.47	5.00	16.03	15.19	9.58	16.84	5.32	16.10	15.97	—	2.47	7.31	2.37	27.11	13.67
Iowa	1.72	5.14	14.79	7.69	9.72	17.13	7.32	20.68	15.01	0.67	2.82	7.92	1.56	25.07	12.89
Kansas	1.70	5.81	15.09	13.04	9.72	17.02	7.35	22.66	16.10	0.66	3.24	7.83	1.56	31.03	16.02
Kentucky	2.15	5.19	15.49	10.12	9.72	17.42	7.32	10.57	14.90	—	3.67	7.32	2.21	24.77	15.35
Louisiana	2.99	3.25	15.00	6.64	9.30	16.38	3.32	10.53	10.57	0.58	2.87	6.49	2.12	22.68	9.12
Maine	4.29	6.39	15.99	18.69	10.41	18.56	7.07	19.32	17.18	—	2.91	11.92	4.26	37.51	16.84
Maryland	2.83	8.06	16.14	21.89	9.49	18.40	7.22	19.50	17.87	0.71	3.34	10.53	1.98	35.79	20.17
Massachusetts	4.08	7.50	16.18	28.29	10.41	18.12	5.84	22.30	17.09	0.67	2.85	11.95	2.73	48.30	20.67
Michigan	2.37	5.74	15.70	16.48	9.72	17.02	4.66	15.66	16.41	0.73	2.73	7.99	2.06	32.44	15.70
Minnesota	2.11	5.39	15.82	12.31	9.43	17.28	3.59	17.65	16.22	0.81	2.66	8.53	2.21	29.42	14.92
Mississippi	2.69	3.51	15.09	17.44	9.24	16.35	5.43	21.94	14.63	0.49	3.11	7.76	2.50	25.59	14.70
Missouri	1.89	7.34	14.98	12.56	9.72	16.63	7.11	16.88	15.85	0.89	5.82	8.18	1.82	28.56	17.18
Montana	1.68	6.17	16.21	16.32	10.08	18.57	—	9.59	16.18	—	5.60	8.20	1.69	26.69	16.07
Nebraska	1.37	4.81	15.34	11.04	9.72	17.60	—	23.20	16.30	0.68	3.43	6.93	1.19	26.52	14.26
Nevada	2.24	4.37	15.67	19.72	9.96	20.14	—	21.47	17.66	—	5.45	9.92	2.82	24.58	17.31
New Hampshire	4.07	6.89	15.08	23.00	10.41	18.02	7.38	22.22	17.70	0.71	3.94	9.22	1.96	45.88	21.25
New Jersey	3.21	5.20	15.79	19.72	9.32	17.73	6.74	25.15	15.66	0.69	2.96	9.27	1.51	39.30	17.22
New Mexico	1.90	4.48	15.73	18.49	9.53	17.01	—	26.14	16.73	—	8.66	8.50	2.23	26.87	16.85
New York	2.96	6.23	16.14	21.92	9.49	18.11	5.82	18.51	16.10	0.69	2.74	9.56	2.22	42.41	18.48
North Carolina	3.14	5.30	15.62	18.40	10.04	17.95	6.88	21.08	17.49	0.63	3.05	8.47	2.29	26.96	17.95
North Dakota	1.62	3.65	15.03	10.48	9.72	18.19	—	23.39	15.97	—	1.64	5.58	1.76	26.25	12.28
Ohio	2.27	5.24	15.76	18.74	9.75	17.94	7.30	16.44	16.72	0.68	3.04	8.25	1.89	28.95	15.51
Oklahoma	1.97	5.30	14.96	13.67	9.72	16.66	7.22	26.01	15.61	—	2.60	8.64	2.40	23.15	14.74
Oregon	2.25	5.33	16.52	15.41	10.16	20.66	6.19	22.68	18.57	—	3.60	12.13	2.49	25.88	17.43
Pennsylvania	2.23	5.27	16.44	19.80	9.49	18.80	6.60	19.17	17.56	0.68	2.83	7.15	1.39	29.96	16.65
Rhode Island	—	6.92	16.42	26.48	10.41	18.51	7.60	15.47	17.35	—	3.12	11.76	3.39	47.71	21.20
South Carolina	3.21	4.86	15.09	19.67	10.28	16.89	5.96	16.06	16.09	0.68	2.58	6.68	1.63	28.68	17.09
South Dakota	2.27	4.86	15.41	11.05	11.22	17.73	7.20	24.23	16.47	—	6.20	10.72	2.32	28.82	15.02
Tennessee	2.37	5.21	15.37	15.90	9.72	16.91	7.39	19.00	15.92	0.71	3.09	8.10	1.65	27.11	16.17
Texas	1.83	3.28	14.87	7.91	9.60	16.29	4.67	14.39	12.20	0.71	2.59	7.74	2.04	25.01	12.36
Utah	1.95	6.00	16.27	14.42	10.10	18.56	—	24.33	16.88	—	3.54	8.61	2.09	25.65	15.71
Vermont	—	8.38	15.92	23.84	10.41	18.65	7.41	16.68	17.99	—	3.62	13.82	7.59	42.39	20.40
Virginia	2.98	4.81	15.39	20.29	9.93	17.43	6.66	20.76	16.51	0.65	3.06	8.59	2.17	26.65	16.62
Washington	2.37	6.91	17.25	17.09	9.85	20.53	8.45	15.79	16.21	0.67	3.18	11.58	2.13	22.69	15.82
West Virginia	2.32	5.16	15.95	19.23	10.04	18.82	7.38	18.49	17.68	—	6.73	5.59	2.26	26.32	16.38
Wisconsin	2.29	5.31	15.74	12.08	9.72	18.00	7.25	18.07	16.89	0.71	3.25	8.30	2.07	31.30	15.81
Wyoming	1.71	4.94	14.91	16.58	10.43	17.39	—	22.22	16.08	—	8.69	5.05	1.71	24.12	13.25
United States	2.23	5.09	15.79	9.81	9.74	18.03	6.83	16.70	15.62	0.70	3.00	8.48	2.09	30.26	15.92

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.
^b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
^c Includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."
^d Motor gasoline as it is consumed; includes fuel ethanol blended into motor gasoline.
^e Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
^f Wood, wood-derived fuels, and biomass waste.

^g There are no direct fuel costs for hydroelectric, geothermal, solar, or wind energy.
^h Electricity imports are included in these prices but not shown separately.
ⁱ The U.S. average includes coal coke net imports, which are not allocated to the states.
 — = No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
 Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.
 Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.