

Released: March 2026

Next MECS will be fielded in 2027

Table 7.4 Average prices of selected purchased energy sources, 2022

Level: National and regional data

Row: Values of shipments and employment sizes

Column: Energy sources

Unit: U.S. dollars per physical units

Economic characteristic ^a	Electricity (kilowatthours)	Residual fuel oil (gallons)	Distillate fuel oil ^b (gallons)	Natural gas ^c (thousand cubic feet)	HGL (excluding natural gasoline) ^d (gallons)	Coal (short tons)
Total United States						
Value of shipments and receipts						
(million dollars)						
Under 20	0.11	1.79	4.14	7.22	1.90	108.93
20–49	0.10	2.67	4.37	6.92	2.20	116.75
50–99	0.10	2.31	3.80	6.06	1.05	88.56
100–249	0.09	2.09	3.91	6.83	2.06	94.42
250–499	0.08	2.45	3.78	6.77	0.58	167.94
500 and over	0.07	2.22	3.47	6.51	1.08	106.56
Total	0.09	2.15	D	6.62	1.08	113.79
Employment size						
Under 50	0.10	2.20	4.15	6.83	1.80	125.82
50–99	0.09	2.06	4.31	6.76	0.87	154.37
100–249	0.09	2.09	3.65	6.33	0.88	136.96
250–499	0.08	2.44	3.86	6.88	1.67	36.59
500–999	0.08	2.20	3.49	6.47	0.88	179.57
1,000 and over	0.08	1.85	3.69	6.62	0.90	172.34
Total	0.09	2.15	D	6.62	1.08	113.79
Northeast Census Region						
Value of shipments and receipts						
(million dollars)						
Under 20	0.12	2.23	4.13	6.74	2.23	86.96
20–49	0.10	3.77	4.35	7.19	2.13	80.03
50–99	0.10	3.00	4.01	8.05	2.15	109.68
100–249	0.08	2.28	4.05	7.33	1.35	172.74
250–499	0.08	2.32	2.79	6.65	2.01	137.22
500 and over	0.09	2.62	4.32	6.10	2.45	160.07
Total	0.09	2.36	4.08	6.87	1.80	154.53
Employment size						
Under 50	0.12	2.23	4.28	6.71	2.27	85.35
50–99	0.10	4.12	3.83	6.91	2.38	115.32
100–249	0.10	2.52	4.04	7.45	1.36	101.46
250–499	0.08	3.18	3.90	7.22	1.52	190.96
500–999	0.10	2.14	2.86	6.44	1.88	130.69
1,000 and over	0.09	0.00	4.39	6.27	3.42	160.07
Total	0.09	2.36	4.08	6.87	1.80	154.53
Midwest Census Region						
Value of shipments and receipts						
(million dollars)						
Under 20	0.11	0.00	4.67	6.93	1.45	88.42
20–49	0.09	Q	4.30	6.98	1.82	76.25
50–99	0.09	2.15	3.79	5.91	1.77	66.17

100–249	0.09	0.00	3.84	6.72	1.82	101.52
250–499	0.08	2.39	4.64	6.48	1.44	170.68
500 and over	0.07	2.74	3.24	6.34	0.50	80.75
Total	0.09	2.20	D	6.50	0.63	98.63

Employment size

Under 50	0.10	2.18	4.49	6.67	1.33	133.41
50–99	0.09	1.53	4.27	6.49	2.33	79.46
100–249	0.10	1.83	4.01	6.67	1.97	177.32
250–499	0.07	2.42	3.86	6.35	0.54	25.65
500–999	0.08	3.03	4.37	6.43	1.66	237.32
1,000 and over	0.08	1.85	3.53	6.37	1.72	211.04
Total	0.09	2.20	D	6.50	0.63	98.63

South Census Region

Value of shipments and receipts (million dollars)

Under 20	0.10	1.63	3.91	7.39	2.07	144.43
20–49	0.08	Q	4.01	6.48	2.31	145.70
50–99	0.11	2.44	3.41	4.78	1.00	135.91
100–249	0.07	2.10	3.69	6.57	2.50	105.01
250–499	0.07	2.42	3.37	6.89	0.52	165.69
500 and over	0.07	2.01	3.49	6.25	1.11	158.16
Total	0.08	2.14	3.62	6.27	1.10	147.64

Employment size

Under 50	0.09	2.23	3.83	6.64	1.98	137.53
50–99	0.08	2.05	4.22	6.75	0.83	187.39
100–249	0.08	2.11	3.37	5.58	0.87	118.35
250–499	0.09	2.40	3.70	6.83	1.94	124.09
500–999	0.07	2.13	3.24	6.17	0.88	176.94
1,000 and over	0.07	0.00	3.78	6.34	0.89	137.44
Total	0.08	2.14	3.62	6.27	1.10	147.64

West Census Region

Value of shipments and receipts (million dollars)

Under 20	0.16	1.81	4.01	7.99	2.54	98.89
20–49	0.14	4.16	4.83	9.35	2.81	137.51
50–99	0.12	0.00	4.37	11.45	1.86	71.35
100–249	0.11	1.64	4.58	7.52	2.22	84.53
250–499	0.09	2.81	3.85	7.78	1.61	146.61
500 and over	0.09	0.00	4.07	8.86	2.16	284.52
Total	0.11	1.92	4.34	8.73	2.31	92.19

Employment size

Under 50	0.15	1.81	4.19	7.97	2.44	82.75
50–99	0.13	0.00	4.71	8.63	2.26	143.76
100–249	0.11	1.63	4.27	9.67	2.40	79.47
250–499	0.10	1.92	4.37	7.96	1.93	92.05
500–999	0.09	3.22	4.87	8.66	1.98	146.61
1,000 and over	0.10	0.00	4.09	9.52	2.37	269.40
Total	0.11	1.92	4.34	8.73	2.31	92.19

Data Source: U.S. Energy Information Administration, Office of Energy Demand & Integrated Statistics, Form EIA-846, *2022 Manufacturing Energy Consumption Survey*, and the Bureau of the Census, data files for the *2022 Economic Census, Manufacturing – Industry Series*.

Note: Totals may not equal sum of components because of independent rounding.

^a Value of shipments and receipts and employment size categories were supplied by the Bureau of the Census.

^b Distillate fuel oil includes Nos. 1, 2, and 4 fuel oils and Nos. 1, 2, and 4 diesel fuels.

^c Natural gas includes natural gas obtained from utilities, local distribution companies, and any other supplier(s), such as independent gas

^c *Natural gas* includes natural gas obtained from utilities, local distribution companies, and any other supplier(s), such as independent gas producers, gas brokers, marketers, and any marketing subsidiaries of utilities.

^d Hydrocarbon gas liquids (HGLs) include ethane, ethylene, propane, propylene, normal butane, butylene, ethane-propane mixtures, propane-butane mixtures, and isobutane produced at refineries or natural gas processing plants, including plants that fractionate raw natural gas liquids.

* Estimate less than 0.5

D=Withheld to avoid disclosing data for individual establishments

Q=Withheld because relative standard error (RSE) is greater than 50%

NA=Not available

The Census Bureau has reviewed this data product to ensure appropriate access, use, and disclosure protection of the confidential source data (Project No. 7504703, Disclosure Review Board (DRB) approval number: CBDRB-FY25-0054).

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RSE Table 7.4 Relative standard errors for Table 7.4

Unit: Percentage

Economic characteristic ^a	Electricity	Residual fuel oil	Distillate fuel oil ^b	Natural gas ^c	HGL (excluding natural gasoline) ^d	Coal
Total United States						
Value of shipments and receipts						
(million dollars)						
Under 20	5.0	5.6	4.3	3.1	10.5	6.0
20-49	2.3	19.3	2.7	7.6	5.7	0.9
50-99	10.3	0.2	6.4	17.9	1.6	5.4
100-249	5.3	0.8	1.3	3.1	5.2	0.6
250-499	1.3	2.4	6.6	0.5	0.7	0.1
500 and over	0.8	0.0	1.0	0.2	0.1	0.0
Total	2.1	0.6	D	1.6	0.1	0.8
Employment size						
Under 50	3.3	1.4	3.7	1.7	9.8	0.3
50-99	2.3	0.0	2.3	4.6	1.1	0.3
100-249	4.5	0.1	2.8	7.5	0.3	4.5
250-499	8.7	3.6	1.8	0.8	0.1	0.3
500-999	1.0	1.1	0.8	0.5	0.1	0.0
1,000 and over	1.3	0.0	5.5	0.2	0.1	0.0
Total	2.1	0.6	D	1.6	0.1	0.8
Northeast Census Region						
Value of shipments and receipts						
(million dollars)						
Under 20	3.8	12.8	4.1	14.1	3.7	0.3
20-49	5.4	0.0	6.4	3.0	8.5	0.0
50-99	4.5	21.0	0.9	3.8	10.1	0.0
100-249	3.5	8.8	1.8	3.0	13.9	0.0
250-499	6.8	0.0	1.8	4.1	1.6	0.0
500 and over	1.7	0.0	0.1	0.5	20.9	0.0
Total	1.7	3.5	2.5	1.8	10.2	0.1
Employment size						
Under 50	3.5	12.8	3.6	13.4	4.2	0.2
50-99	4.3	0.0	0.7	4.1	6.4	0.0
100-249	4.7	3.9	4.7	2.2	29.1	0.0
250-499	2.5	2.6	2.1	3.0	12.0	0.0
500-999	5.5	0.0	1.4	3.1	13.2	0.0
1,000 and over	5.5	X	0.7	1.8	30.8	0.0
Total	1.7	3.5	2.5	1.8	10.2	0.1
Midwest Census Region						
Value of shipments and receipts						
(million dollars)						
Under 20	3.5	X	6.1	3.2	17.7	0.1
20-49	3.3	79.2	4.7	6.0	15.1	0.0
50-99	2.2	0.0	2.6	6.2	21.4	0.0
100-249	12.6	X	2.3	1.4	3.0	0.2
250-499	1.1	0.0	8.5	0.5	2.0	0.0
500 and over	1.6	0.0	1.3	0.4	0.3	0.0

Total	3.5	0.7	D	0.8	2.1	0.1
Employment size						
Under 50	2.8	0.7	6.5	2.4	12.7	0.1
50–99	3.6	0.0	2.6	1.5	9.1	0.0
100–249	11.8	0.0	2.0	2.4	5.3	0.0
250–499	1.3	0.0	1.8	2.3	0.9	0.5
500–999	1.2	0.0	3.6	1.2	17.3	0.0
1,000 and over	2.5	0.0	13.1	0.6	6.3	0.0
Total	3.5	0.7	D	0.8	2.1	0.1

South Census Region

Value of shipments and receipts (million dollars)						
Under 20	6.8	4.6	9.6	6.2	15.2	4.8
20–49	2.5	85.7	1.3	15.2	10.8	2.2
50–99	21.9	0.0	5.3	35.7	1.2	0.6
100–249	1.5	0.0	3.0	7.7	1.3	0.0
250–499	1.4	4.4	0.3	0.8	0.5	0.1
500 and over	0.8	0.0	1.5	0.2	0.1	0.0
Total	4.3	0.4	2.3	2.7	0.1	0.2

Employment size						
Under 50	3.4	2.4	10.1	2.1	15.1	0.0
50–99	2.5	0.0	2.1	10.4	0.8	0.4
100–249	3.4	0.0	1.6	12.3	0.2	0.9
250–499	18.8	0.0	3.5	0.6	0.1	0.1
500–999	0.9	2.5	0.5	0.6	0.1	0.0
1,000 and over	0.9	X	5.0	0.2	0.1	0.0
Total	4.3	0.4	2.3	2.7	0.1	0.2

West Census Region

Value of shipments and receipts (million dollars)						
Under 20	5.9	33.5	5.4	4.6	3.6	0.0
20–49	8.2	41.7	5.6	4.0	14.2	0.0
50–99	6.3	X	1.6	26.0	4.4	12.8
100–249	3.0	0.0	0.1	1.1	3.5	2.7
250–499	4.2	0.0	0.4	2.2	19.4	0.0
500 and over	1.9	X	0.1	0.2	2.8	0.0
Total	2.0	2.3	2.1	3.4	3.8	4.9

Employment size						
Under 50	5.4	33.5	4.6	2.4	4.0	0.0
50–99	8.3	X	6.7	3.1	12.6	0.0
100–249	4.0	0.1	1.0	16.3	9.8	7.8
250–499	2.6	0.0	2.6	0.7	10.2	0.0
500–999	4.8	0.0	0.1	1.1	1.2	0.0
1,000 and over	3.2	X	1.2	0.4	3.9	0.0
Total	2.0	2.3	2.1	3.4	3.8	4.9

Data Source: U.S. Energy Information Administration, Office of Energy Demand & Integrated Statistics, Form EIA-846, *2022 Manufacturing Energy Consumption Survey*, and the Bureau of the Census, data files for the *2022 Economic Census, Manufacturing – Industry Series*.

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^d Hydrocarbon gas liquids (HGLs) include ethane, ethylene, propane, propylene, normal butane, butylene, ethane-propane mixtures, propane-butane mixtures, and isobutane produced at refineries or natural gas processing plants, including plants that fractionate raw

natural gas liquids.

* Estimate less than 0.5

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