

Released: March 2026

Next MECS will be fielded in 2027

**Table 7.5 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 million British thermal units (Btu)

Economic characteristic <sup>a</sup>	Electricity	Residual fuel oil	Distillate fuel oil <sup>b</sup>	Natural gas <sup>c</sup>	HGL (excluding natural gasoline) <sup>d</sup>	Coal
<b>Total United States</b>						
<b>Value of shipments and receipts</b>						
<b>(million dollars)</b>						
Under 20	32.48	11.98	30.10	6.95	20.80	5.14
20–49	28.04	17.82	31.76	6.67	24.20	5.62
50–99	30.07	15.40	27.68	5.84	13.22	4.19
100–249	25.40	13.94	28.42	6.58	23.28	4.40
250–499	22.22	16.36	27.51	6.52	7.64	6.71
500 and over	20.77	14.83	25.26	6.27	14.34	4.53
Total	25.23	14.40	D	6.38	14.25	4.92
<b>Employment size</b>						
Under 50	29.69	14.67	30.21	6.58	19.69	5.48
50–99	27.42	13.76	31.34	6.51	11.51	6.64
100–249	26.10	13.95	26.57	6.10	11.66	5.83
250–499	24.68	16.28	28.09	6.63	22.18	1.76
500–999	22.12	14.70	25.37	6.23	11.48	8.15
1,000 and over	22.31	12.37	26.85	6.38	11.89	6.56
Total	25.23	14.40	D	6.38	14.25	4.92
<b>Northeast Census Region</b>						
<b>Value of shipments and receipts</b>						
<b>(million dollars)</b>						
Under 20	36.08	14.88	30.08	6.50	24.40	4.19
20–49	28.72	25.17	31.64	6.92	23.30	3.86
50–99	28.83	20.07	29.15	7.76	23.55	5.29
100–249	24.60	15.21	29.45	7.06	14.10	8.26
250–499	23.32	15.50	20.27	6.41	22.02	6.55
500 and over	26.57	17.51	31.41	5.87	26.17	5.97
Total	27.61	15.78	29.71	6.62	19.24	5.93
<b>Employment size</b>						
Under 50	34.28	14.88	31.13	6.47	24.87	4.11
50–99	28.97	27.51	27.87	6.66	26.08	5.56
100–249	27.80	16.85	29.42	7.17	13.87	4.89
250–499	23.46	21.26	28.38	6.96	16.63	8.99
500–999	28.48	14.28	20.80	6.21	20.55	6.27
1,000 and over	25.87	0.00	31.93	6.04	35.29	5.97
Total	27.61	15.78	29.71	6.62	19.24	5.93
<b>Midwest Census Region</b>						
<b>Value of shipments and receipts</b>						
<b>(million dollars)</b>						
Under 20	32.41	0.00	34.00	6.68	15.89	4.26
20–49	27.27	Q	31.31	6.73	20.02	3.68
50–99	25.61	14.36	27.55	5.70	19.34	3.12
100–249	26.92	0.00	27.96	6.48	20.03	4.42
250–499	22.26	15.98	33.74	6.24	14.50	6.69
500 and over	20.95	18.30	23.60	6.10	6.54	3.58

Total	25.10	14.66	D	6.26	8.06	4.29
<b>Employment size</b>						
Under 50	28.34	14.54	32.67	6.43	14.68	5.67
50-99	25.86	10.19	31.07	6.25	25.90	3.61
100-249	28.66	12.26	29.19	6.43	21.50	6.84
250-499	21.74	16.14	28.06	6.12	6.93	1.24
500-999	22.44	20.23	31.80	6.19	18.19	10.08
1,000 and over	22.78	12.37	25.71	6.14	18.82	7.87
Total	25.10	14.66	D	6.26	8.06	4.29

#### South Census Region

<b>Value of shipments and receipts (million dollars)</b>						
Under 20	28.21	10.87	28.43	7.12	22.66	6.60
20-49	23.75	Q	29.15	6.25	25.64	6.96
50-99	31.57	16.32	24.78	4.61	12.81	6.31
100-249	21.66	14.02	26.82	6.33	29.93	4.94
250-499	20.60	16.16	24.53	6.63	7.04	6.78
500 and over	19.23	13.43	25.41	6.02	14.74	6.95
Total	22.90	14.27	26.38	6.04	14.55	6.52

<b>Employment size</b>						
Under 50	26.22	14.87	27.89	6.40	21.67	6.63
50-99	24.38	13.71	30.69	6.51	11.11	7.53
100-249	21.99	14.07	24.51	5.37	11.51	5.58
250-499	25.99	16.05	26.91	6.58	25.93	5.76
500-999	20.34	14.23	23.61	5.94	11.46	8.07
1,000 and over	19.75	0.00	27.51	6.11	11.85	5.94
Total	22.90	14.27	26.38	6.04	14.55	6.52

#### West Census Region

<b>Value of shipments and receipts (million dollars)</b>						
Under 20	46.84	12.11	29.20	7.70	27.79	4.04
20-49	41.60	27.77	35.13	9.01	30.70	6.63
50-99	33.67	0.00	31.81	11.03	19.44	3.44
100-249	31.22	10.96	33.36	7.24	24.23	4.07
250-499	26.54	18.77	27.98	7.49	17.56	6.89
500 and over	26.04	0.00	29.64	8.54	23.59	11.61
Total	32.44	12.84	31.58	8.41	25.09	4.44

<b>Employment size</b>						
Under 50	43.09	12.11	30.46	7.68	26.11	3.99
50-99	39.28	0.00	34.30	8.32	24.66	6.93
100-249	31.61	10.86	31.04	9.31	26.21	3.83
250-499	28.28	12.80	31.80	7.67	21.11	4.41
500-999	27.51	21.48	35.46	8.35	21.60	6.89
1,000 and over	29.52	0.00	29.73	9.17	25.89	11.00
Total	32.44	12.84	31.58	8.41	25.09	4.44

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.

<sup>a</sup> Value of shipments and receipts and employment size categories were supplied by the Bureau of the Census.

<sup>b</sup> Distillate fuel oil includes Nos. 1, 2, and 4 fuel oils and Nos. 1, 2, and 4 diesel fuels.

<sup>c</sup> 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.

<sup>d</sup> 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 7.5 Relative standard errors for Table 7.5**

Unit: Percentage

Economic characteristic <sup>a</sup>	Electricity	Residual fuel oil	Distillate fuel oil <sup>b</sup>	Natural gas <sup>c</sup>	HGL (excluding natural gasoline) <sup>d</sup>	Coal
<b>Total United States</b>						
<b>Value of shipments and receipts</b>						
<b>(million dollars)</b>						
Under 20	5.0	5.6	4.3	3.1	10.6	5.1
20-49	2.3	19.3	2.7	7.6	5.8	0.9
50-99	10.3	0.2	6.4	17.9	1.3	5.0
100-249	5.3	0.8	1.3	3.1	6.7	0.1
250-499	1.3	2.4	6.6	0.5	0.6	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	0.6
<b>Employment size</b>						
Under 50	3.3	1.4	3.7	1.7	9.8	0.5
50-99	2.3	0.0	2.3	4.6	1.0	0.2
100-249	4.5	0.1	2.8	7.5	0.3	3.4
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	0.6
<b>Northeast Census Region</b>						
<b>Value of shipments and receipts</b>						
<b>(million dollars)</b>						
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	19.0	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	19.2	0.0
Total	1.7	3.5	2.5	1.8	12.2	0.1
<b>Employment size</b>						
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	38.4	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	27.3	0.0
Total	1.7	3.5	2.5	1.8	12.2	0.1
<b>Midwest Census Region</b>						
<b>Value of shipments and receipts</b>						
<b>(million dollars)</b>						
Under 20	3.5	X	6.1	3.2	17.9	0.1
20-49	3.3	79.2	4.7	6.0	15.6	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	3.1	0.3
250-499	1.1	0.0	8.5	0.5	1.5	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	1.9	0.1

<b>Employment size</b>						
Under 50	2.8	0.7	6.5	2.4	13.4	0.1
50-99	3.6	0.0	2.6	1.5	10.1	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	0.8	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	1.9	0.1

#### South Census Region

<b>Value of shipments and receipts (million dollars)</b>						
Under 20	6.8	4.6	9.6	6.2	15.2	1.4
20-49	2.5	85.7	1.3	15.2	11.2	2.2
50-99	21.9	0.0	5.3	35.7	1.0	0.5
100-249	1.5	0.0	3.0	7.7	1.7	0.0
250-499	1.4	4.4	0.3	0.8	0.4	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

<b>Employment size</b>						
Under 50	3.4	2.4	10.1	2.1	15.1	0.0
50-99	2.5	0.0	2.1	10.4	0.7	0.6
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

<b>Value of shipments and receipts (million dollars)</b>						
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	3.5	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	19.3	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

<b>Employment size</b>						
Under 50	5.4	33.5	4.6	2.4	4.1	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.

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

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<sup>c</sup> 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.

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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

X=Not defined because RSE corresponds to a data table value of zero

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