

Table 7.4 Average Prices of Selected Purchased Energy Sources, 2002;
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 (kWh)	Residual Fuel Oil (gallons)	Distillate Fuel Oil(b) (gallons)	Natural Gas(c) (1000 cu ft)	LPG and NGL(d) (gallons)	Coal (short tons)	RSE Row Factors
Total United States							
RSE Column Factors:	0.7	1.2	2.2	0.7	0.5	1.6	
Value of Shipments and Receipts (million dollars)							
Under 20	0.067	0.6	1.01	5.05	0.9	60.2	11.2
20-49	0.056	0.55	0.89	4.69	0.88	40.36	6.5
50-99	0.05	0.61	0.91	4.21	0.62	47.85	4.7
100-249	0.043	0.59	0.92	3.84	0.45	41.33	5.5
250-499	0.038	0.52	0.79	3.94	0.51	41.73	4.6
500 and Over	0.04	0.58	0.72	3.58	0.5	45.92	1.7
Total	0.048	0.57	0.91	4.01	0.5	44.46	3.1
Employment Size							
Under 50	0.065	0.55	1.02	4.76	0.45	48.29	8.3
50-99	0.061	0.54	0.98	4.25	0.61	Q	7.2
100-249	0.053	0.61	0.9	4.21	0.44	42.96	4.5
250-499	0.045	0.59	0.89	3.93	0.54	40.29	4.2
500-999	0.042	0.53	0.75	3.88	0.48	45.34	5.5
1000 and Over	0.04	0.58	0.77	3.7	0.51	47.22	2
Total	0.048	0.57	0.91	4.01	0.5	44.46	3.1
Northeast Census Region							
RSE Column Factors:	1	1	1.8	0.9	1	0.7	
Value of Shipments and Receipts (million dollars)							
Under 20	0.081	0.65	0.94	5.65	0.95	82.74	15.4
20-49	0.071	0.67	0.84	5.36	0.85	42.3	9.9
50-99	0.062	0.66	0.93	5.04	0.93	34.54	5.4
100-249	0.051	0.63	0.89	4.71	0.81	46.89	4.1
250-499	0.047	0.6	0.97	4.59	0.72	40	3.5
500 and Over	0.053	0.62	0.89	4.45	0.84	48.36	1.3
Total	0.064	0.64	0.91	4.98	0.84	49.26	3.8
Employment Size							
Under 50	0.084	0.61	0.95	5.63	1.04	83.24	17.3
50-99	0.075	0.72	0.93	5.55	0.99	79.37	20.8
100-249	0.069	0.66	0.87	5.14	0.81	42.72	5.5
250-499	0.053	0.63	0.87	4.87	0.77	46.08	7.4
500-999	0.054	0.59	0.9	4.63	0.78	49.4	4.8
1000 and Over	0.054	0.66	0.92	4.55	0.64	47.99	1.9
Total	0.064	0.64	0.91	4.98	0.84	49.26	3.8
Midwest Census Region							
RSE Column Factors:	0.7	1.2	2.4	0.7	1	0.8	
Value of Shipments and Receipts (million dollars)							
Under 20	0.058	Q	0.92	4.95	0.89	44.56	17.3
20-49	0.052	0.53	0.78	4.65	0.99	37.37	10.1
50-99	0.046	0.49	1.02	4.07	0.67	52.41	10.3
100-249	0.043	0.5	1.01	4.17	0.62	40.01	6
250-499	0.036	0.47	1.15	4.21	0.86	36.38	5.9
500 and Over	0.038	0.49	0.57	3.89	W	44.83	3.1

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Total	0.045	0.51	0.81	4.25	0.42	43.76	5
Employment Size							
Under 50	0.059	0.52	1.01	4.68	0.8	44.58	13.6
50-99	0.056	0.54	Q	4.18	0.84	31.15	15.8
100-249	0.049	0.52	0.99	4.45	0.87	44.77	11.8
250-499	0.042	0.46	0.86	4.29	0.32	35.07	7.5
500-999	0.041	0.52	1.09	4.17	0.7	41.61	5.5
1000 and Over	0.037	0.49	0.58	3.97	0.77	50.33	5.1
Total	0.045	0.51	0.81	4.25	0.42	43.76	5
South Census Region							
RSE Column Factors:	0.8	1	2.1	0.7	0.4	1.9	
Value of Shipments and Receipts (million dollars)							
Under 20	0.058	Q	1.04	4.89	0.88	58.9	15.9
20-49	0.047	0.5	0.85	4.51	0.89	44.06	9.3
50-99	0.044	0.58	0.87	4	0.57	47.83	5.4
100-249	0.04	0.58	0.88	3.75	0.43	47.99	8.5
250-499	0.036	0.51	0.71	3.73	0.51	42.59	4.4
500 and Over	0.035	0.57	0.96	3.42	0.51	45.14	1.3
Total	0.041	0.53	0.9	3.75	0.5	44.64	3.9
Employment Size							
Under 50	0.055	Q	0.98	4.47	0.36	36.13	7.6
50-99	0.049	0.49	1.01	3.86	0.59	Q	8
100-249	0.045	0.58	0.87	3.93	0.43	43.36	5.3
250-499	0.04	0.56	0.9	3.83	0.59	48.26	3.1
500-999	0.038	0.49	0.69	3.68	0.48	45.88	6.7
1000 and Over	0.035	0.56	1	3.44	0.5	42.27	2
Total	0.041	0.53	0.9	3.75	0.5	44.64	3.9
West Census Region							
RSE Column Factors:	0.9	0.4	2.9	1.1	3.6	0.3	
Value of Shipments and Receipts (million dollars)							
Under 20	0.091	0.54	1.13	4.9	1	32.7	13
20-49	0.076	0.56	1.09	4.75	0.82	32.36	5.9
50-99	0.072	0.67	0.88	4.7	0.91	37.84	4.2
100-249	0.049	0.55	1.03	3.35	0.8	32.06	3.1
250-499	0.051	0.58	0.79	4.41	0.96	73.52	5.9
500 and Over	0.064	0.57	1.22	3.54	0.78	0	4.6
Total	0.066	0.58	1.03	4.03	0.88	34.3	4.7
Employment Size							
Under 50	0.084	0.65	1.11	4.97	0.88	W	9.9
50-99	0.079	0.51	Q	4.87	0.72	28.09	12
100-249	0.069	0.67	0.94	4.27	1.01	37.5	4.2
250-499	0.056	0.58	1.03	3.28	0.84	35.82	3.4
500-999	0.06	0.51	0.99	4.12	0.86	73.51	3.2
1000 and Over	0.06	0.58	0.82	3.98	0.88	W	4.8
Total	0.066	0.58	1.03	4.03	0.88	34.3	4.7

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(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 producers, gas brokers, marketers, and any marketing subsidiaries of utilities.

(d) Examples of Liquefied Petroleum Gases '(LPG)' are 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 '(NGL).'

NF=No applicable RSE row/column factor.

* Estimate less than 0.5.

W=Withheld to avoid disclosing data for individual establishments.

Q=Withheld because Relative Standard Error is greater than 50 percent.

NA=Not available.

-- Estimation is not applicable.

Notes: To obtain the RSE percentage for any table cell, multiply the cell's corresponding RSE column and RSE row factors. Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Office of Energy Markets and End Use, Energy Consumption Division, Form EIA-846, '2002 Manufacturing Energy Consumption Survey,' and the Bureau of the Census, data files for the '2002 Economic Census, Manufacturing - Industry Series.'