

Table 11.4 Electricity: Components of Onsite Generation, 2002;
Level: National and Regional Data;
Row: Values of Shipments and Employment Sizes;
Column: Onsite-Generation Components;
Unit: Million Kilowatthours.

Economic Characteristic(a)	Total Onsite Generation	Cogeneration(b)	Renewable Energy (excluding Wood and Other Biomass)(c)	Other(d)	RSE Row Factors
Total United States					
RSE Column Factors:	0.8	0.8	1.1	1.4	
Value of Shipments and Receipts (million dollars)					
Under 20	609	379	W	W	25.2
20-49	4,155	4,071	27	58	13.3
50-99	6,356	6,296	*	61	6.5
100-249	19,027	16,033	1,185	1,809	2.2
250-499	36,752	32,991	W	W	2.2
500 and Over	69,334	66,458	W	W	1.2
Total	136,233	126,228	2,381	7,625	2
Employment Size					
Under 50	3,927	3,713	74	140	10.7
50-99	1,157	1,122	Q	13	11.4
100-249	8,666	8,598	5	63	12.8
250-499	25,065	23,789	594	682	3.3
500-999	38,634	32,800	1,218	4,616	2.1
1000 and Over	58,784	56,206	468	2,110	1.2
Total	136,233	126,228	2,381	7,625	2
Northeast Census Region					
RSE Column Factors:	1.1	1.2	0.9	0.8	
Value of Shipments and Receipts (million dollars)					
Under 20	285	Q	W	W	34.8
20-49	W	297	8	W	4.4
50-99	W	451	0	W	17.5
100-249	3,112	1,504	827	781	1.2
250-499	W	4,432	W	W	1.4
500 and Over	5,349	4,179	W	W	1
Total	14,103	11,026	W	W	2.2
Employment Size					
Under 50	270	Q	Q	41	42.3
50-99	43	31	4	Q	7.1
100-249	584	567	Q	13	6.1
250-499	1,962	1,440	363	159	2.1
500-999	3,965	2,772	W	W	1
1000 and Over	7,278	6,048	W	W	1
Total	14,103	11,026	1,249	1,827	2.2
Midwest Census Region					
RSE Column Factors:	1.1	1.1	0.6	1.4	
Value of Shipments and Receipts (million dollars)					

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Under 20	W	W	Q	Q	22.1
20-49	W	598	Q	W	26.3
50-99	W	858	0	W	8.1
100-249	3,645	3,369	271	Q	5.9
250-499	W	W	W	W	3.6
500 and Over	8,337	8,118	W	W	2.2
Total	16,421	15,555	471	395	4
Employment Size					
Under 50	Q	Q	Q	Q	0
50-99	117	99	Q	*	9.1
100-249	2,371	2,368	Q	Q	12.9
250-499	4,797	4,607	W	W	5.4
500-999	2,564	2,154	W	W	1.7
1000 and Over	6,439	6,211	W	W	2.2
Total	16,421	15,555	W	W	4

South Census Region

RSE Column Factors: 0.9 1 0.7 1.6

Value of Shipments and Receipts (million dollars)

Under 20	W	W	0	Q	40.6
20-49	W	W	0	W	6.1
50-99	W	2,921	*	W	6.3
100-249	9,538	8,613	W	W	6.1
250-499	27,580	24,315	W	W	2.5
500 and Over	49,464	48,131	0	1,333	0.9
Total	92,293	86,702	W	W	1.7

Employment Size

Under 50	W	W	0	Q	1.1
50-99	W	W	0	*	14.9
100-249	4,187	4,148	0	39	8.6
250-499	14,848	14,462	W	W	2.2
500-999	28,337	24,273	W	W	2.5
1000 and Over	41,923	40,846	0	1,077	0.9
Total	92,293	86,702	W	W	1.7

West Census Region

RSE Column Factors: 1 1.1 0.5 2

Value of Shipments and Receipts (million dollars)

Under 20	W	W	*	73	1.9
20-49	W	W	Q	W	4.9
50-99	W	2,066	0	W	2.4
100-249	2,732	2,546	W	W	4.2
250-499	W	W	W	W	2.3
500 and Over	6,184	6,030	*	153	1

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Economic Characteristic(a)	Total Onsite Generation	Cogeneration(b)	Renewable Energy (excluding Wood and Other Biomass)(c)	Other(d)	RSE Row Factors
Total	13,416	12,945	W	W	2
Employment Size					
Under 50	W	W	*	68	1
50-99	W	W	Q	5	0.8
100-249	1,523	1,515	0	9	3.8
250-499	3,459	3,279	W	W	2
500-999	3,768	3,601	*	166	3
1000 and Over	3,144	3,101	0	43	0.8
Total	13,416	12,945	W	W	2

(a) Value of Shipments and Receipts and Employment Size categories were supplied by the Bureau of the Census.

(b) 'Cogeneration' is the production of electrical energy and another form of useful energy, such as heat or steam, through the sequential use of energy. Cogeneration includes electricity generated from fossil fuels, such as natural gas, fuel oils, and coal; wood; and other biomass.

(c) 'Renewable Energy' is energy obtained from essentially inexhaustible sources. Noncombustible sources include solar power, wind power, hydropower, and geothermal power.

(d) 'Other' is that electricity obtained from a generator fueled by combustible energy sources, such as diesel fuels and other fuel oils.

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.

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.'