

Released: November 2017
 Next MECS will be fielded in 2019

Table 11.4 Electricity: Components of Onsite Generation, 2014;

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)
Total United States				
Value of Shipments and Receipts (million dollars)				
Under 20	Q	Q	Q	Q
20-49	1,056	610	174	Q
50-99	4,944	4,791	105	49
100-249	7,779	7,160	514	105
250-499	23,494	22,902	551	Q
500 and Over	93,524	90,354	106	3,065
Total	133,519	128,172	1,640	3,707
Employment Size				
Under 50	3,367	3,140	126	Q
50-99	Q	Q	Q	Q
100-249	8,607	8,069	385	Q
250-499	28,602	27,963	336	302
500-999	45,399	43,159	541	1,698
1000 and Over	44,352	43,040	103	1,209
Total	133,519	128,172	1,640	3,707
Northeast Census Region				
Value of Shipments and Receipts (million dollars)				
Under 20	Q	42	Q	Q
20-49	421	Q	Q	*
50-99	317	253	Q	7
100-249	1,482	1,120	362	*
250-499	4,427	4,414	Q	*
500 and Over	2,499	1,586	2	911
Total	9,317	7,743	557	1,017
Employment Size				
Under 50	Q	38	Q	Q
50-99	Q	Q	28	3
100-249	612	352	252	8
250-499	2,192	1,996	197	*
500-999	4,173	3,716	3	455
1000 and Over	1,843	1,384	2	457
Total	9,317	7,743	557	1,017
Midwest Census Region				
Value of Shipments and Receipts (million dollars)				
Under 20	Q	Q	2	2
20-49	Q	W	W	Q

50-99	717	W	W	17
100-249	1,718	1,626	89	4
250-499	1,957	1,464	476	Q
500 and Over	11,221	10,479	48	695
Total	17,622	15,982	636	1,005

Employment Size

Under 50	269	266	*	3
50-99	W	W	4	Q
100-249	W	W	46	Q
250-499	3,960	3,881	79	1
500-999	3,510	3,033	476	1
1000 and Over	5,964	5,222	31	711
Total	17,622	15,982	636	1,005

South Census Region

Value of Shipments and Receipts (million dollars)

Under 20	112	108	Q	*
20-49	2	1	*	*
50-99	2,420	2,417	Q	1
100-249	3,170	3,153	Q	3
250-499	16,234	16,211	*	Q
500 and Over	71,987	70,635	45	1,308
Total	93,924	92,525	65	1,335

Employment Size

Under 50	2,058	2,055	Q	0
50-99	280	276	0	4
100-249	W	W	Q	2
250-499	19,365	19,237	Q	117
500-999	W	W	Q	1,177
1000 and Over	33,672	33,598	38	35
Total	93,924	92,525	65	1,335

West Census Region

Value of Shipments and Receipts (million dollars)

Under 20	771	542	Q	Q
20-49	293	W	W	*
50-99	1,490	W	W	24
100-249	1,408	1,262	48	98
250-499	876	813	Q	*
500 and Over	7,817	7,654	12	151
Total	12,656	11,923	383	350

Employment Size

Under 50	832	781	48	Q
50-99	W	W	Q	Q
100-249	2,318	2,181	82	Q
250-499	3,084	2,850	50	184
500-999	W	W	Q	66
1000 and Over	2,873	2,836	31	6
Total	12,656	11,923	383	350

(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.

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

Sources: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2014 Manufacturing Energy Consumption Survey,' and the Bureau of the Census, data files for the '2014 Annual Survey of Manufactures.'

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RSE Table 11.4 Relative Standard Errors for Table 11.4;

Unit: Percents.

Economic Characteristic(a)	Total Onsite Generation	Cogeneration(b)	Renewable Energy (excluding Wood and Other Biomass)(c)	Other(d)
Total United States				
Value of Shipments and Receipts (million dollars)				
Under 20	59.6	68.5	50.3	60.0
20-49	27.4	32.1	32.5	75.5
50-99	2.1	2.0	34.4	9.5
100-249	1.1	1.1	3.6	6.3
250-499	1.2	1.2	6.8	56.6
500 and Over	0.1	0.1	6.0	0.3
Total	1.3	1.3	7.6	6.3
Employment Size				
Under 50	5.5	4.7	48.2	92.1
50-99	51.3	57.9	61.2	80.5
100-249	1.1	0.4	10.8	52.6
250-499	0.9	0.9	3.7	0.1
500-999	0.3	0.3	7.2	0.0
1000 and Over	0.2	0.2	8.8	2.0
Total	1.3	1.3	7.6	6.3
Northeast Census Region				
Value of Shipments and Receipts (million dollars)				
Under 20	55.7	25.9	52.7	95.0
20-49	48.3	59.6	60.5	1.6
50-99	27.6	31.5	62.6	49.9
100-249	3.1	4.1	0.1	39.0
250-499	5.9	5.7	70.8	0.0
500 and Over	0.3	0.0	5.5	0.7
Total	3.8	4.3	12.3	9.2
Employment Size				
Under 50	52.5	28.3	75.5	97.8
50-99	68.1	76.1	49.1	1.9
100-249	6.0	2.6	14.0	44.2
250-499	10.7	11.3	4.5	17.7
500-999	3.4	3.8	47.0	0.2
1000 and Over	0.4	0.0	8.6	1.4
Total	3.8	4.3	12.3	9.2
Midwest Census Region				
Value of Shipments and Receipts (million dollars)				
Under 20	96.5	96.7	13.1	23.2
20-49	60.4	0.0	0.0	75.7
50-99	7.5	7.8	14.4	13.4
100-249	3.5	3.7	0.0	10.1
250-499	3.3	4.2	0.0	89.2

500 and Over	0.1	0.1	0.0	1.0
Total	9.2	10.1	0.3	20.5
Employment Size				
Under 50	32.9	33.2	0.0	15.6
50-99	70.5	76.9	45.4	95.6
100-249	4.7	1.8	0.0	80.9
250-499	0.5	0.5	0.0	8.9
500-999	0.0	0.0	0.0	49.9
1000 and Over	1.0	1.2	0.0	2.3
Total	9.2	10.1	0.3	20.5

South Census Region

Value of Shipments and Receipts (million dollars)

Under 20	30.3	31.2	52.9	83.1
20-49	17.9	0.0	91.9	28.6
50-99	0.1	0.0	73.9	13.5
100-249	0.3	0.1	63.5	17.3
250-499	0.1	0.0	2.5	75.0
500 and Over	0.0	0.0	12.7	0.0
Total	0.0	0.0	17.1	1.3

Employment Size

Under 50	1.6	1.6	52.9	X
50-99	1.0	0.9	X	10.4
100-249	0.1	0.1	75.2	20.0
250-499	0.0	0.0	80.8	0.3
500-999	0.0	0.0	72.3	0.0
1000 and Over	0.0	0.0	0.0	47.5
Total	0.0	0.0	17.1	1.3

West Census Region

Value of Shipments and Receipts (million dollars)

Under 20	23.3	22.6	61.4	66.0
20-49	3.2	0.0	13.1	30.2
50-99	0.5	0.1	18.5	7.9
100-249	2.0	1.0	33.4	6.7
250-499	10.3	10.2	59.0	11.6
500 and Over	0.6	0.6	24.3	0.0
Total	1.6	1.3	26.9	14.4

Employment Size

Under 50	13.9	14.6	47.3	69.2
50-99	40.4	26.0	77.0	98.5
100-249	1.8	0.1	26.0	67.4
250-499	2.7	2.9	0.3	0.0
500-999	1.4	0.4	70.2	0.0
1000 and Over	1.6	1.6	29.1	0.0
Total	1.6	1.3	26.9	14.4

(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.

* 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.

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

-- Estimation is not applicable. Energy source is not included in series.

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

Sources: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2014 Manufacturing Energy Consumption Survey,' and the Bureau of the Census, data files for the '2014 Annual Survey of Manufactures.'