

Released: November 2017  
 Next MECS will be fielded in 2019

**Table 11.2 Electricity: Components of Net Demand, 2014;**

Level: National and Regional Data;  
 Row: Values of Shipments and Employment Sizes;  
 Column: Electricity Components;  
 Unit: Million Kilowatthours.

Economic Characteristic(a)	Purchases	Transfers In(b)	Total Onsite Generation(c)	Sales and Transfers Offsite	Net Demand for Electricity(d)
<b>Total United States</b>					
<b>Value of Shipments and Receipts (million dollars)</b>					
Under 20	92,131	9	Q	157	94,705
20-49	83,912	46	1,056	136	84,879
50-99	104,462	Q	4,944	1,456	107,996
100-249	141,074	207	7,779	5,661	143,400
250-499	103,970	2,723	23,494	3,625	126,561
500 and Over	255,391	6,168	93,524	18,609	336,475
Total	780,941	9,199	133,519	29,643	894,015
<b>Employment Size</b>					
Under 50	91,852	22	3,367	4,521	90,720
50-99	82,530	Q	Q	780	85,323
100-249	W	W	8,607	2,248	W
250-499	165,900	923	28,602	4,053	191,371
500-999	W	W	45,399	8,414	W
1000 and Over	106,545	4,563	44,352	9,627	145,832
Total	780,941	9,199	133,519	29,643	894,015
<b>Northeast Census Region</b>					
<b>Value of Shipments and Receipts (million dollars)</b>					
Under 20	12,834	3	Q	36	12,972
20-49	11,664	5	421	Q	12,062
50-99	13,249	Q	317	24	13,585
100-249	14,743	*	1,482	346	15,879
250-499	10,094	*	4,427	1,152	13,369
500 and Over	15,850	1	2,499	205	18,145
Total	78,434	Q	9,317	1,791	86,012
<b>Employment Size</b>					
Under 50	11,398	3	Q	Q	11,555
50-99	10,255	0	Q	Q	10,534
100-249	22,868	Q	612	42	23,486
250-499	10,720	2	2,192	737	12,176
500-999	12,236	0	4,173	765	15,644
1000 and Over	10,957	*	1,843	184	12,616
Total	78,434	Q	9,317	1,791	86,012
<b>Midwest Census Region</b>					
<b>Value of Shipments and Receipts (million dollars)</b>					
Under 20	29,662	*	Q	Q	31,318
20-49	W	W	Q	1	W
50-99	32,781	0	717	5	33,493
100-249	45,783	37	1,718	461	47,077
250-499	27,641	0	1,957	500	29,098
500 and Over	W	W	11,221	728	W
Total	242,916	109	17,622	1,707	258,940
<b>Employment Size</b>					
Under 50	27,872	*	269	Q	28,128
50-99	W	W	W	W	W

100-249	W	W	W	427	W
250-499	53,705	37	3,960	236	57,467
500-999	46,280	0	3,510	287	49,502
1000 and Over	35,986	0	5,964	W	W
Total	242,916	109	17,622	1,707	258,940

#### South Census Region

#### Value of Shipments and Receipts

(million dollars)

Under 20	31,567	5	112	Q	31,681
20-49	34,648	0	2	30	34,620
50-99	41,830	0	2,420	630	43,620
100-249	62,927	167	3,170	4,490	61,775
250-499	48,461	2,670	16,234	1,517	65,849
500 and Over	127,600	5,466	71,987	15,821	189,232
Total	347,034	8,309	93,924	22,490	426,777

#### Employment Size

Under 50	35,379	*	2,058	4,211	33,227
50-99	30,439	Q	280	335	30,720
100-249	W	W	W	1,056	W
250-499	76,106	Q	19,365	2,214	94,052
500-999	W	W	W	5,798	W
1000 and Over	41,756	4,563	33,672	8,876	71,114
Total	347,034	8,309	93,924	22,490	426,777

#### West Census Region

#### Value of Shipments and Receipts

(million dollars)

Under 20	18,068	*	771	105	18,733
20-49	W	W	293	77	W
50-99	16,602	2	1,490	797	17,298
100-249	17,621	3	1,408	363	18,669
250-499	17,773	Q	876	457	18,245
500 and Over	W	W	7,817	1,855	W
Total	112,557	728	12,656	3,655	122,286

#### Employment Size

Under 50	17,203	19	832	244	17,810
50-99	W	W	W	W	W
100-249	23,828	0	2,318	723	25,422
250-499	25,369	88	3,084	867	27,675
500-999	W	W	W	1,564	W
1000 and Over	17,846	0	2,873	W	W
Total	112,557	728	12,656	3,655	122,286

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

(b) 'Transfers In' include quantities delivered from any other establishment(s) in the company, quantities transferred from other establishments of the company for which payment was not made, quantities purchased centrally within the company but separate from the reporting establishment, and quantities for which payment was made in-kind.

(c) 'Total Onsite Generation' includes cogeneration, generation by renewable energy sources, and conventional generation by combustible fuels.

(d) 'Net Demand' is the sum of purchases, transfers in, and total onsite generation, minus sales and transfers offsite. It is the total amount of electricity used. It is not comparable to net electricity which excludes electricity generated onsite by combustible energy sources.

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: 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.'

Released: November 2017  
 Next MECS will be fielded in 2019

**RSE Table 11.2 Relative Standard Errors for Table 11.2;**  
 Unit: Percents.

Economic Characteristic(a)	Purchases	Transfers In(b)	Total Onsite Generation(c)	Sales and Transfers Offsite	Net Demand for Electricity(d)
<b>Total United States</b>					
<b>Value of Shipments and Receipts (million dollars)</b>					
Under 20	7.1	10.4	59.6	14.5	7.1
20-49	5.0	0.9	27.4	17.0	4.9
50-99	4.1	77.5	2.1	0.2	3.9
100-249	2.7	0.0	1.1	5.1	2.7
250-499	2.4	15.6	1.2	0.9	2.1
500 and Over	0.9	3.1	0.1	0.0	0.7
Total	1.2	5.1	1.3	1.0	1.1
<b>Employment Size</b>					
Under 50	6.2	30.1	5.5	0.7	6.3
50-99	5.3	51.0	51.3	0.7	5.6
100-249	2.8	1.7	1.1	12.9	2.7
250-499	2.3	46.1	0.9	0.7	2.0
500-999	1.8	0.0	0.3	0.0	1.4
1000 and Over	2.1	0.0	0.2	0.2	1.6
Total	1.2	5.1	1.3	1.0	1.1
<b>Northeast Census Region</b>					
<b>Value of Shipments and Receipts (million dollars)</b>					
Under 20	12.8	27.8	55.7	47.4	12.7
20-49	10.8	8.0	48.3	84.1	10.7
50-99	13.6	81.5	27.6	0.0	13.3
100-249	6.9	0.0	3.1	0.0	6.4
250-499	6.5	0.0	5.9	2.3	5.4
500 and Over	4.6	0.0	0.3	0.0	4.1
Total	3.9	66.6	3.8	2.2	3.6
<b>Employment Size</b>					
Under 50	13.9	27.8	52.5	52.2	13.7
50-99	10.6	X	68.1	63.1	10.6
100-249	8.7	73.5	6.0	0.0	8.5
250-499	7.7	21.9	10.7	3.7	7.1
500-999	6.1	X	3.4	0.0	5.0
1000 and Over	6.9	0.0	0.4	0.0	6.0
Total	3.9	66.6	3.8	2.2	3.6
<b>Midwest Census Region</b>					
<b>Value of Shipments and Receipts (million dollars)</b>					
Under 20	8.3	0.0	96.5	93.4	9.8
20-49	8.8	0.0	60.4	0.0	8.8
50-99	7.4	X	7.5	0.0	7.2
100-249	5.4	0.0	3.5	0.0	5.2
250-499	4.9	X	3.3	0.4	4.7
500 and Over	1.5	0.0	0.1	0.0	1.4
Total	2.0	0.0	9.2	0.7	2.0
<b>Employment Size</b>					
Under 50	6.6	0.0	32.9	93.4	6.5
50-99	7.5	0.0	70.5	0.0	8.9
100-249	5.4	0.0	4.7	0.5	5.2
250-499	4.9	0.0	0.5	0.0	4.6
500-999	3.9	X	0.1	0.0	3.7

1000 and Over	3.1	X	1.0	0.0	2.8
Total	2.0	0.0	9.2	0.7	2.0

### South Census Region

#### Value of Shipments and Receipts

(million dollars)

Under 20	12.8	4.4	30.3	61.6	12.7
20-49	9.3	X	17.9	0.1	9.3
50-99	6.3	X	0.1	0.4	6.0
100-249	4.3	0.0	0.3	6.5	4.3
250-499	3.7	15.9	0.1	1.1	2.9
500 and Over	1.4	3.5	0.1	0.1	1.0
Total	1.9	5.6	0.1	1.3	1.5

#### Employment Size

Under 50	8.7	85.4	1.6	0.1	9.3
50-99	11.2	57.4	1.0	0.1	11.1
100-249	4.2	0.0	0.1	27.5	4.0
250-499	3.5	53.4	0.0	0.0	2.9
500-999	2.4	0.0	0.0	0.0	1.7
1000 and Over	4.0	0.0	0.0	0.2	2.4
Total	1.9	5.6	0.0	1.3	1.5

### West Census Region

#### Value of Shipments and Receipts

(million dollars)

Under 20	23.5	0.0	23.3	8.8	22.7
20-49	8.6	0.0	3.2	0.0	8.4
50-99	10.2	36.8	0.5	0.0	9.8
100-249	5.4	0.0	2.0	0.0	5.1
250-499	5.5	59.4	10.3	0.5	5.4
500 and Over	1.3	0.0	0.6	0.2	1.1
Total	4.3	4.3	1.6	0.3	4.0

#### Employment Size

Under 50	24.5	35.3	13.9	3.8	23.7
50-99	8.4	36.8	40.4	0.6	8.4
100-249	7.9	X	1.8	0.0	7.4
250-499	3.3	34.9	2.7	0.0	3.1
500-999	3.7	0.0	1.4	0.1	3.3
1000 and Over	4.6	X	1.6	1.3	4.0
Total	4.3	4.3	1.6	0.3	4.0

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

(b) 'Transfers In' include quantities delivered from any other establishment(s) in the company, quantities transferred from other establishments of the company for which payment was not made, quantities purchased centrally within the company but separate from the reporting establishment, and quantities for which payment was made in-kind.

(c) 'Total Onsite Generation' includes cogeneration, generation by renewable energy sources, and conventional generation by combustible fuels.

(d) 'Net Demand' is the sum of purchases, transfers in, and total onsite generation, minus sales and transfers offsite. It is the total amount of electricity used. It is not comparable to net electricity which excludes electricity generated onsite by combustible energy sources.

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.

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.'