

Table 11.5 Electricity: Sales to Utility and Nonutility Purchasers, 2006;
Level: National and Regional Data;
Row: NAICS Codes;
Column: Utility and Nonutility Purchasers;
Unit: Million Kilowatthours.

NAICS Code(a)	Subsector and Industry	Total of Sales and Transfers Offsite	Utility Purchaser(b)	Nonutility Purchaser(c)
Total United States				
311	Food	111	86	25
3112	Grain and Oilseed Milling	72	51	21
311221	Wet Corn Milling	55	42	13
31131	Sugar Manufacturing	7	3	4
3114	Fruit and Vegetable Preserving and Specialty Foods	13	13	0
3115	Dairy Products	0	0	0
3116	Animal Slaughtering and Processing	0	0	0
312	Beverage and Tobacco Products	*	*	0
3121	Beverages	*	*	0
3122	Tobacco	0	0	0
313	Textile Mills	262	262	0
314	Textile Product Mills	0	0	0
315	Apparel	*	*	0
316	Leather and Allied Products	0	0	0
321	Wood Products	842	828	Q
321113	Sawmills	839	825	Q
3212	Veneer, Plywood, and Engineered Woods	1	1	0
3219	Other Wood Products	2	2	0
322	Paper	5,094	2,714	2,380
322110	Pulp Mills	175	166	9
322121	Paper Mills, except Newsprint	3,220	1,707	1,513
322122	Newsprint Mills	29	29	0
322130	Paperboard Mills	1,667	809	858
323	Printing and Related Support	0	0	0
324	Petroleum and Coal Products	3,849	757	3,092
324110	Petroleum Refineries	3,373	567	2,806
324199	Other Petroleum and Coal Products	477	190	287
325	Chemicals	6,584	3,917	2,667
325110	Petrochemicals	282	192	90
325120	Industrial Gases	87	87	0
325181	Alkalies and Chlorine	2,807	2,224	584
325182	Carbon Black	95	95	0
325188	Other Basic Inorganic Chemicals	39	30	10
325192	Cyclic Crudes and Intermediates	0	0	0
325193	Ethyl Alcohol	0	0	0
325199	Other Basic Organic Chemicals	1,229	538	690
325211	Plastics Materials and Resins	1,357	385	972
325212	Synthetic Rubber	54	*	53
325222	Noncellulosic Organic Fibers	70	9	60
325311	Nitrogenous Fertilizers	18	3	16
325312	Phosphatic Fertilizers	338	338	0
3254	Pharmaceuticals and Medicines	19	15	4
325412	Pharmaceutical Preparation	19	15	4
325992	Photographic Film, Paper, Plate, and Chemicals	16	*	16
326	Plastics and Rubber Products	0	0	0
327	Nonmetallic Mineral Products	939	939	0
327211	Flat Glass	0	0	0

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NAICS Code(a)	Subsector and Industry	Total of Sales and Transfers Offsite	Utility Purchaser(b)	Nonutility Purchaser(c)
327212	Other Pressed and Blown Glass and Glassware	*	*	0
327213	Glass Containers	0	0	0
327215	Glass Products from Purchased Glass	0	0	0
327310	Cements	939	939	0
327410	Lime	0	0	0
327420	Gypsum	0	0	0
327993	Mineral Wool	0	0	0
331	Primary Metals	1,891	1,755	136
331111	Iron and Steel Mills	183	51	132
331112	Electrometallurgical Ferroalloy Products	68	68	0
3312	Steel Products from Purchased Steel	0	0	0
3313	Alumina and Aluminum	1,281	1,281	0
331314	Secondary Smelting and Alloying of Aluminum	0	0	0
331315	Aluminum Sheet, Plate and Foils	0	0	0
331316	Aluminum Extruded Products	0	0	0
3314	Nonferrous Metals, except Aluminum	360	356	4
3315	Foundries	*	*	0
331511	Iron Foundries	*	*	0
331521	Aluminum Die-Casting Foundries	0	0	0
331524	Aluminum Foundries, except Die-Casting	0	0	0
332	Fabricated Metal Products	0	0	0
333	Machinery	0	0	0
334	Computer and Electronic Products	2	2	0
334413	Semiconductors and Related Devices	2	2	0
335	Electrical Equip., Appliances, and Components	Q	Q	0
336	Transportation Equipment	174	38	136
336111	Automobiles	14	0	14
336112	Light Trucks and Utility Vehicles	72	38	33
3364	Aerospace Product and Parts	88	0	88
336411	Aircraft	47	0	47
337	Furniture and Related Products	0	0	0
339	Miscellaneous	0	0	0
	Total	19,750	11,301	8,449

Northeast Census Region

311	Food	4	4	0
3112	Grain and Oilseed Milling	4	4	0
311221	Wet Corn Milling	0	0	0
31131	Sugar Manufacturing	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Foods	0	0	0
3115	Dairy Products	0	0	0
3116	Animal Slaughtering and Processing	0	0	0
312	Beverage and Tobacco Products	0	0	0
3121	Beverages	0	0	0
3122	Tobacco	0	0	0
313	Textile Mills	0	0	0
314	Textile Product Mills	0	0	0
315	Apparel	0	0	0

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NAICS Code(a)	Subsector and Industry	Total of Sales and Transfers Offsite	Utility Purchaser(b)	Nonutility Purchaser(c)
316	Leather and Allied Products	0	0	0
321	Wood Products	0	0	0
321113	Sawmills	0	0	0
3212	Veneer, Plywood, and Engineered Woods	0	0	0
3219	Other Wood Products	0	0	0
322	Paper	2,533	1,057	1,476
322110	Pulp Mills	29	29	0
322121	Paper Mills, except Newsprint	2,498	1,025	1,473
322122	Newsprint Mills	0	0	0
322130	Paperboard Mills	4	*	3
323	Printing and Related Support	0	0	0
324	Petroleum and Coal Products	227	227	0
324110	Petroleum Refineries	227	227	0
324199	Other Petroleum and Coal Products	0	0	0
325	Chemicals	32	15	17
325110	Petrochemicals	0	0	0
325120	Industrial Gases	0	0	0
325181	Alkalies and Chlorine	0	0	0
325182	Carbon Black	0	0	0
325188	Other Basic Inorganic Chemicals	0	0	0
325192	Cyclic Crudes and Intermediates	0	0	0
325193	Ethyl Alcohol	0	0	0
325199	Other Basic Organic Chemicals	0	0	0
325211	Plastics Materials and Resins	0	0	0
325212	Synthetic Rubber	0	0	0
325222	Noncellulosic Organic Fibers	0	0	0
325311	Nitrogenous Fertilizers	0	0	0
325312	Phosphatic Fertilizers	0	0	0
3254	Pharmaceuticals and Medicines	15	15	0
325412	Pharmaceutical Preparation	15	15	0
325992	Photographic Film, Paper, Plate, and Chemicals	16	*	16
326	Plastics and Rubber Products	0	0	0
327	Nonmetallic Mineral Products	*	*	0
327211	Flat Glass	0	0	0
327212	Other Pressed and Blown Glass and Glassware	*	*	0
327213	Glass Containers	0	0	0
327215	Glass Products from Purchased Glass	0	0	0
327310	Cements	0	0	0
327410	Lime	0	0	0
327420	Gypsum	0	0	0
327993	Mineral Wool	0	0	0
331	Primary Metals	127	123	4
331111	Iron and Steel Mills	0	0	0
331112	Electrometallurgical Ferroalloy Products	0	0	0
3312	Steel Products from Purchased Steel	0	0	0
3313	Alumina and Aluminum	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	0	0	0
331315	Aluminum Sheet, Plate and Foils	0	0	0
331316	Aluminum Extruded Products	0	0	0
3314	Nonferrous Metals, except Aluminum	127	123	4

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NAICS Code(a)	Subsector and Industry	Total of Sales and Transfers Offsite	Utility Purchaser(b)	Nonutility Purchaser(c)
3315	Foundries	0	0	0
331511	Iron Foundries	0	0	0
331521	Aluminum Die-Casting Foundries	0	0	0
331524	Aluminum Foundries, except Die-Casting	0	0	0
332	Fabricated Metal Products	0	0	0
333	Machinery	0	0	0
334	Computer and Electronic Products	0	0	0
334413	Semiconductors and Related Devices	0	0	0
335	Electrical Equip., Appliances, and Components	Q	Q	0
336	Transportation Equipment	42	0	42
336111	Automobiles	0	0	0
336112	Light Trucks and Utility Vehicles	0	0	0
3364	Aerospace Product and Parts	42	0	42
336411	Aircraft	0	0	0
337	Furniture and Related Products	0	0	0
339	Miscellaneous	0	0	0
	Total	2,966	1,427	1,539

Midwest Census Region

311	Food	61	48	13
3112	Grain and Oilseed Milling	60	47	13
311221	Wet Corn Milling	55	42	13
31131	Sugar Manufacturing	1	1	0
3114	Fruit and Vegetable Preserving and Specialty Foods	0	0	0
3115	Dairy Products	0	0	0
3116	Animal Slaughtering and Processing	0	0	0
312	Beverage and Tobacco Products	*	*	0
3121	Beverages	*	*	0
3122	Tobacco	0	0	0
313	Textile Mills	0	0	0
314	Textile Product Mills	0	0	0
315	Apparel	0	0	0
316	Leather and Allied Products	0	0	0
321	Wood Products	1	1	0
321113	Sawmills	0	0	0
3212	Veneer, Plywood, and Engineered Woods	1	1	0
3219	Other Wood Products	0	0	0
322	Paper	45	24	21
322110	Pulp Mills	0	0	0
322121	Paper Mills, except Newsprint	45	24	21
322122	Newsprint Mills	0	0	0
322130	Paperboard Mills	0	0	0
323	Printing and Related Support	0	0	0
324	Petroleum and Coal Products	126	*	126
324110	Petroleum Refineries	126	*	126
324199	Other Petroleum and Coal Products	0	0	0
325	Chemicals	64	7	57
325110	Petrochemicals	0	0	0

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325120	Industrial Gases	0	0	0
325181	Alkalies and Chlorine	0	0	0
325182	Carbon Black	0	0	0
325188	Other Basic Inorganic Chemicals	9	0	9
325192	Cyclic Crudes and Intermediates	0	0	0
325193	Ethyl Alcohol	0	0	0
325199	Other Basic Organic Chemicals	36	6	30
325211	Plastics Materials and Resins	1	0	1
325212	Synthetic Rubber	0	0	0
325222	Noncellulosic Organic Fibers	0	0	0
325311	Nitrogenous Fertilizers	12	0	12
325312	Phosphatic Fertilizers	0	0	0
3254	Pharmaceuticals and Medicines	4	0	4
325412	Pharmaceutical Preparation	4	0	4
325992	Photographic Film, Paper, Plate, and Chemicals	0	0	0
326	Plastics and Rubber Products	0	0	0
327	Nonmetallic Mineral Products	9	9	0
327211	Flat Glass	0	0	0
327212	Other Pressed and Blown Glass and Glassware	0	0	0
327213	Glass Containers	0	0	0
327215	Glass Products from Purchased Glass	0	0	0
327310	Cements	9	9	0
327410	Lime	0	0	0
327420	Gypsum	0	0	0
327993	Mineral Wool	0	0	0
331	Primary Metals	246	119	128
331111	Iron and Steel Mills	179	51	128
331112	Electrometallurgical Ferroalloy Products	68	68	0
3312	Steel Products from Purchased Steel	0	0	0
3313	Alumina and Aluminum	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	0	0	0
331315	Aluminum Sheet, Plate and Foils	0	0	0
331316	Aluminum Extruded Products	0	0	0
3314	Nonferrous Metals, except Aluminum	0	0	0
3315	Foundries	*	*	0
331511	Iron Foundries	*	*	0
331521	Aluminum Die-Casting Foundries	0	0	0
331524	Aluminum Foundries, except Die-Casting	0	0	0
332	Fabricated Metal Products	0	0	0
333	Machinery	0	0	0
334	Computer and Electronic Products	*	*	0
334413	Semiconductors and Related Devices	*	*	0
335	Electrical Equip., Appliances, and Components	0	0	0
336	Transportation Equipment	86	38	47
336111	Automobiles	14	0	14
336112	Light Trucks and Utility Vehicles	72	38	33
3364	Aerospace Product and Parts	0	0	0
336411	Aircraft	0	0	0
337	Furniture and Related Products	0	0	0
339	Miscellaneous	0	0	0

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NAICS Code(a)	Subsector and Industry	Total of Sales and Transfers Offsite	Utility Purchaser(b)	Nonutility Purchaser(c)
	Total	639	247	392
South Census Region				
311	Food	32	21	12
3112	Grain and Oilseed Milling	8	0	8
311221	Wet Corn Milling	0	0	0
31131	Sugar Manufacturing	5	1	4
3114	Fruit and Vegetable Preserving and Specialty Foods	13	13	0
3115	Dairy Products	0	0	0
3116	Animal Slaughtering and Processing	0	0	0
312	Beverage and Tobacco Products	0	0	0
3121	Beverages	0	0	0
3122	Tobacco	0	0	0
313	Textile Mills	262	262	0
314	Textile Product Mills	0	0	0
315	Apparel	0	0	0
316	Leather and Allied Products	0	0	0
321	Wood Products	126	126	0
321113	Sawmills	124	124	0
3212	Veneer, Plywood, and Engineered Woods	*	*	0
3219	Other Wood Products	2	2	0
322	Paper	848	820	28
322110	Pulp Mills	145	136	9
322121	Paper Mills, except Newsprint	108	89	19
322122	Newsprint Mills	0	0	0
322130	Paperboard Mills	595	595	0
323	Printing and Related Support	0	0	0
324	Petroleum and Coal Products	2,894	291	2,603
324110	Petroleum Refineries	2,850	247	2,603
324199	Other Petroleum and Coal Products	44	44	0
325	Chemicals	6,350	3,757	2,593
325110	Petrochemicals	282	192	90
325120	Industrial Gases	87	87	0
325181	Alkalies and Chlorine	2,807	2,224	584
325182	Carbon Black	95	95	0
325188	Other Basic Inorganic Chemicals	19	19	*
325192	Cyclic Crudes and Intermediates	0	0	0
325193	Ethyl Alcohol	0	0	0
325199	Other Basic Organic Chemicals	1,193	532	660
325211	Plastics Materials and Resins	1,356	385	972
325212	Synthetic Rubber	54	*	53
325222	Noncellulosic Organic Fibers	70	9	60
325311	Nitrogenous Fertilizers	6	3	3
325312	Phosphatic Fertilizers	210	210	0
3254	Pharmaceuticals and Medicines	0	0	0
325412	Pharmaceutical Preparation	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	0	0	0
326	Plastics and Rubber Products	0	0	0

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327	Nonmetallic Mineral Products	928	928	0
327211	Flat Glass	0	0	0
327212	Other Pressed and Blown Glass and Glassware	0	0	0
327213	Glass Containers	0	0	0
327215	Glass Products from Purchased Glass	0	0	0
327310	Cements	928	928	0
327410	Lime	0	0	0
327420	Gypsum	0	0	0
327993	Mineral Wool	0	0	0
331	Primary Metals	1,281	1,281	0
331111	Iron and Steel Mills	0	0	0
331112	Electrometallurgical Ferroalloy Products	0	0	0
3312	Steel Products from Purchased Steel	0	0	0
3313	Alumina and Aluminum	1,281	1,281	0
331314	Secondary Smelting and Alloying of Aluminum	0	0	0
331315	Aluminum Sheet, Plate and Foils	0	0	0
331316	Aluminum Extruded Products	0	0	0
3314	Nonferrous Metals, except Aluminum	0	0	0
3315	Foundries	0	0	0
331511	Iron Foundries	0	0	0
331521	Aluminum Die-Casting Foundries	0	0	0
331524	Aluminum Foundries, except Die-Casting	0	0	0
332	Fabricated Metal Products	0	0	0
333	Machinery	0	0	0
334	Computer and Electronic Products	0	0	0
334413	Semiconductors and Related Devices	0	0	0
335	Electrical Equip., Appliances, and Components	*	*	0
336	Transportation Equipment	47	0	47
336111	Automobiles	0	0	0
336112	Light Trucks and Utility Vehicles	0	0	0
3364	Aerospace Product and Parts	47	0	47
336411	Aircraft	47	0	47
337	Furniture and Related Products	0	0	0
339	Miscellaneous	0	0	0
	Total	12,768	7,485	5,282

West Census Region

311	Food	Q	Q	0
3112	Grain and Oilseed Milling	0	0	0
311221	Wet Corn Milling	0	0	0
31131	Sugar Manufacturing	1	1	0
3114	Fruit and Vegetable Preserving and Specialty Foods	0	0	0
3115	Dairy Products	0	0	0
3116	Animal Slaughtering and Processing	0	0	0
312	Beverage and Tobacco Products	0	0	0
3121	Beverages	0	0	0
3122	Tobacco	0	0	0
313	Textile Mills	0	0	0

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314	Textile Product Mills	0	0	0
315	Apparel	*	*	0
316	Leather and Allied Products	0	0	0
321	Wood Products	715	701	Q
321113	Sawmills	715	701	Q
3212	Veneer, Plywood, and Engineered Woods	0	0	0
3219	Other Wood Products	*	*	0
322	Paper	1,668	813	854
322110	Pulp Mills	1	1	0
322121	Paper Mills, except Newsprint	570	570	0
322122	Newsprint Mills	29	29	0
322130	Paperboard Mills	1,068	213	854
323	Printing and Related Support	0	0	0
324	Petroleum and Coal Products	603	239	364
324110	Petroleum Refineries	170	93	77
324199	Other Petroleum and Coal Products	433	146	287
325	Chemicals	138	138	0
325110	Petrochemicals	0	0	0
325120	Industrial Gases	0	0	0
325181	Alkalies and Chlorine	0	0	0
325182	Carbon Black	0	0	0
325188	Other Basic Inorganic Chemicals	11	11	0
325192	Cyclic Crudes and Intermediates	0	0	0
325193	Ethyl Alcohol	0	0	0
325199	Other Basic Organic Chemicals	0	0	0
325211	Plastics Materials and Resins	0	0	0
325212	Synthetic Rubber	0	0	0
325222	Noncellulosic Organic Fibers	0	0	0
325311	Nitrogenous Fertilizers	0	0	0
325312	Phosphatic Fertilizers	128	128	0
3254	Pharmaceuticals and Medicines	0	0	0
325412	Pharmaceutical Preparation	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	0	0	0
326	Plastics and Rubber Products	0	0	0
327	Nonmetallic Mineral Products	2	2	0
327211	Flat Glass	0	0	0
327212	Other Pressed and Blown Glass and Glassware	0	0	0
327213	Glass Containers	0	0	0
327215	Glass Products from Purchased Glass	0	0	0
327310	Cements	2	2	0
327410	Lime	0	0	0
327420	Gypsum	0	0	0
327993	Mineral Wool	0	0	0
331	Primary Metals	237	233	4
331111	Iron and Steel Mills	4	0	4
331112	Electrometallurgical Ferroalloy Products	0	0	0
3312	Steel Products from Purchased Steel	0	0	0
3313	Alumina and Aluminum	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	0	0	0
331315	Aluminum Sheet, Plate and Foils	0	0	0

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331316	Aluminum Extruded Products	0	0	0
3314	Nonferrous Metals, except Aluminum	233	233	0
3315	Foundries	0	0	0
331511	Iron Foundries	0	0	0
331521	Aluminum Die-Casting Foundries	0	0	0
331524	Aluminum Foundries, except Die-Casting	0	0	0
332	Fabricated Metal Products	0	0	0
333	Machinery	0	0	0
334	Computer and Electronic Products	2	2	0
334413	Semiconductors and Related Devices	2	2	0
335	Electrical Equip., Appliances, and Components	0	0	0
336	Transportation Equipment	0	0	0
336111	Automobiles	0	0	0
336112	Light Trucks and Utility Vehicles	0	0	0
3364	Aerospace Product and Parts	0	0	0
336411	Aircraft	0	0	0
337	Furniture and Related Products	0	0	0
339	Miscellaneous	0	0	0
	Total	3,378	2,142	1,236

(a) The Bureau of the Census classifies establishments using the North American Industry Classification System (NAICS).

(b) A 'Utility' is a company in the local area that produces and/or delivers electricity and is legally obligated to provide service to the general public within its franchise area.

(c) 'Nonutility' includes consumers, such as other manufacturers, households, and commercial entities; generators of electricity, such as independent power producers, small power producers, and cogenerators not located at the establishment site; and suppliers, such as brokers, marketers, and marketing subsidiaries of utilities.

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, '2006 Manufacturing Energy Consumption Survey.'