

Table 11.3 Electricity: Components of Onsite Generation, 2006;
Level: National and Regional Data;
Row: NAICS Codes; Column: Onsite-Generation Components;
Unit: Million Kilowatthours.

NAICS Code(a)	Subsector and Industry	Total Onsite Generation	Cogeneration(b)	Renewable Energy (excluding Wood and Other Biomass)(c)	Other(d)
Total United States					
311	Food	4,563	4,249	*	313
3112	Grain and Oilseed Milling	2,845	2,819	0	27
311221	Wet Corn Milling	2,396	2,370	0	27
31131	Sugar Manufacturing	951	951	0	*
3114	Fruit and Vegetable Preserving and Specialty Foods	268	268	0	*
3115	Dairy Products	44	31	*	Q
3116	Animal Slaughtering and Processing	17	0	0	17
312	Beverage and Tobacco Products	659	623	Q	*
3121	Beverages	587	551	Q	*
3122	Tobacco	72	72	0	*
313	Textile Mills	Q	Q	0	0
314	Textile Product Mills	54	46	Q	7
315	Apparel	Q	Q	0	0
316	Leather and Allied Products	0	0	0	0
321	Wood Products	2,189	1,627	Q	Q
321113	Sawmills	1,967	1,408	*	Q
3212	Veneer, Plywood, and Engineered Woods	75	74	Q	*
3219	Other Wood Products	44	42	0	2
322	Paper	50,544	49,418	894	232
322110	Pulp Mills	4,616	4,503	113	*
322121	Paper Mills, except Newsprint	23,957	23,425	532	*
322122	Newsprint Mills	1,705	1,485	220	0
322130	Paperboard Mills	17,456	17,230	19	207
323	Printing and Related Support	Q	Q	0	*
324	Petroleum and Coal Products	20,015	19,665	0	349
324110	Petroleum Refineries	19,389	19,074	0	315
324199	Other Petroleum and Coal Products	591	591	0	0
325	Chemicals	55,514	55,195	2	317
325110	Petrochemicals	5,026	5,019	0	7

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325120	Industrial Gases	*	0	0	*
325181	Alkalies and Chlorine	9,980	9,980	0	*
325182	Carbon Black	202	202	0	0
325188	Other Basic Inorganic Chemicals	828	758	0	70
325192	Cyclic Crudes and Intermediates	0	0	0	0
325193	Ethyl Alcohol	427	389	0	38
325199	Other Basic Organic Chemicals	10,637	10,589	0	48
325211	Plastics Materials and Resins	18,176	18,069	*	107
325212	Synthetic Rubber	410	410	0	0
325222	Noncellulosic Organic Fibers	777	777	0	0
325311	Nitrogenous Fertilizers	242	241	0	1
325312	Phosphatic Fertilizers	2,285	2,285	0	0
3254	Pharmaceuticals and Medicines	4,578	4,531	2	46
325412	Pharmaceutical Preparation	4,451	4,406	Q	44
325992	Photographic Film, Paper, Plate, and Chemicals	916	915	*	0
326	Plastics and Rubber Products	Q	Q	*	0
327	Nonmetallic Mineral Products	1,808	1,481	Q	Q
327211	Flat Glass	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	Q	0	Q	*
327213	Glass Containers	2	0	0	2
327215	Glass Products from Purchased Glass	7	4	0	Q
327310	Cements	1,404	1,404	0	*
327410	Lime	1	1	0	0
327420	Gypsum	29	27	0	3
327993	Mineral Wool	*	0	0	*
331	Primary Metals	5,660	4,372	*	1,288
331111	Iron and Steel Mills	4,141	3,449	0	693
331112	Electrometallurgical Ferroalloy Products	0	0	0	0
3312	Steel Products from Purchased Steel	*	0	0	*
3313	Alumina and Aluminum	391	391	*	*
331314	Secondary Smelting and Alloying of Aluminum	3	3	0	*
331315	Aluminum Sheet, Plate and Foils	*	0	0	*

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331316	Aluminum Extruded Products	*	0	*	0
3314	Nonferrous Metals, except Aluminum	1,110	517	0	594
3315	Foundries	Q	Q	0	1
331511	Iron Foundries	1	*	0	*
331521	Aluminum Die-Casting Foundries	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	*	0	0	*
332	Fabricated Metal Products	Q	Q	0	Q
333	Machinery	Q	Q	0	*
334	Computer and Electronic Products	35	25	3	Q
334413	Semiconductors and Related Devices	27	25	3	*
335	Electrical Equip., Appliances, and Components	Q	0	*	Q
336	Transportation Equipment	629	534	93	2
336111	Automobiles	44	44	0	*
336112	Light Trucks and Utility Vehicles	93	0	93	*
3364	Aerospace Product and Parts	461	460	0	1
336411	Aircraft	*	0	0	*
337	Furniture and Related Products	Q	Q	0	Q
339	Miscellaneous	*	0	0	*
	Total	142,986	138,480	1,030	3,476

Northeast Census Region

311	Food	52	42	*	Q
3112	Grain and Oilseed Milling	4	4	0	0
311221	Wet Corn Milling	0	0	0	0
31131	Sugar Manufacturing	37	37	0	*
3114	Fruit and Vegetable Preserving and Specialty Foods	0	0	0	0
3115	Dairy Products	*	0	*	0
3116	Animal Slaughtering and Processing	0	0	0	0
312	Beverage and Tobacco Products	0	0	0	0
3121	Beverages	0	0	0	0

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NAICS Code(a)	Subsector and Industry	Total Onsite Generation	Cogeneration(b)	Renewable Energy (excluding Wood and Other Biomass)(c)	Other(d)
3122	Tobacco	0	0	0	0
313	Textile Mills	0	0	0	0
314	Textile Product Mills	45	38	0	7
315	Apparel	0	0	0	0
316	Leather and Allied Products	0	0	0	0
321	Wood Products	Q	116	0	Q
321113	Sawmills	Q	13	0	Q
3212	Veneer, Plywood, and Engineered Woods	0	0	0	0
3219	Other Wood Products	*	0	0	*
322	Paper	7,599	7,004	570	Q
322110	Pulp Mills	411	298	113	0
322121	Paper Mills, except Newsprint	5,856	5,625	231	0
322122	Newsprint Mills	245	24	220	0
322130	Paperboard Mills	1,060	1,054	6	0
323	Printing and Related Support	0	0	0	0
324	Petroleum and Coal Products	845	689	0	155
324110	Petroleum Refineries	833	677	0	155
324199	Other Petroleum and Coal Products	12	12	0	0
325	Chemicals	2,207	2,069	1	138
325110	Petrochemicals	0	0	0	0
325120	Industrial Gases	0	0	0	0
325181	Alkalies and Chlorine	0	0	0	0
325182	Carbon Black	0	0	0	0
325188	Other Basic Inorganic Chemicals	0	0	0	0
325192	Cyclic Crudes and Intermediates	0	0	0	0
325193	Ethyl Alcohol	0	0	0	0
325199	Other Basic Organic Chemicals	Q	Q	0	0
325211	Plastics Materials and Resins	94	0	0	94
325212	Synthetic Rubber	0	0	0	0
325222	Noncellulosic Organic Fibers	0	0	0	0
325311	Nitrogenous Fertilizers	0	0	0	0
325312	Phosphatic Fertilizers	0	0	0	0

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NAICS Code(a)	Subsector and Industry	Total Onsite Generation	Cogeneration(b)	Renewable Energy (excluding Wood and Other Biomass)(c)	Other(d)
3254	Pharmaceuticals and Medicines	1,026	981	1	44
325412	Pharmaceutical Preparation	962	920	0	42
325992	Photographic Film, Paper, Plate, and Chemicals	916	915	*	0
326	Plastics and Rubber Products	Q	Q	0	0
327	Nonmetallic Mineral Products	Q	34	Q	Q
327211	Flat Glass	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	Q	0	Q	0
327213	Glass Containers	0	0	0	0
327215	Glass Products from Purchased Glass	Q	Q	0	Q
327310	Cements	0	0	0	0
327410	Lime	0	0	0	0
327420	Gypsum	0	0	0	0
327993	Mineral Wool	*	0	0	*
331	Primary Metals	1,288	107	*	1,181
331111	Iron and Steel Mills	696	107	0	589
331112	Electrometallurgical Ferroalloy Products	0	0	0	0
3312	Steel Products from Purchased Steel	0	0	0	0
3313	Alumina and Aluminum	*	0	*	*
331314	Secondary Smelting and Alloying of Aluminum	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	0	0	0	0
331316	Aluminum Extruded Products	*	0	*	0
3314	Nonferrous Metals, except Aluminum	592	0	0	592
3315	Foundries	0	0	0	0
331511	Iron Foundries	0	0	0	0
331521	Aluminum Die-Casting Foundries	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	0	0	0	0
332	Fabricated Metal Products	0	0	0	0
333	Machinery	*	0	0	*
334	Computer and Electronic Products	*	*	0	0
334413	Semiconductors and Related Devices	*	*	0	0
335	Electrical Equip., Appliances, and Components	Q	0	0	Q
336	Transportation Equipment	370	370	0	0

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NAICS Code(a)	Subsector and Industry	Total Onsite Generation	Cogeneration(b)	Renewable Energy (excluding Wood and Other Biomass)(c)	Other(d)
336111	Automobiles	0	0	0	0
336112	Light Trucks and Utility Vehicles	0	0	0	0
3364	Aerospace Product and Parts	370	370	0	0
336411	Aircraft	0	0	0	0
337	Furniture and Related Products	0	0	0	0
339	Miscellaneous	0	0	0	0
	Total	13,389	10,488	572	2,330

Midwest Census Region

311	Food	3,059	3,023	0	36
3112	Grain and Oilseed Milling	2,710	2,684	0	27
311221	Wet Corn Milling	2,308	2,281	0	27
31131	Sugar Manufacturing	325	325	0	0
3114	Fruit and Vegetable Preserving and Specialty Foods	0	0	0	0
3115	Dairy Products	3	2	0	1
3116	Animal Slaughtering and Processing	Q	0	0	Q
312	Beverage and Tobacco Products	176	176	0	0
3121	Beverages	176	176	0	0
3122	Tobacco	0	0	0	0
313	Textile Mills	0	0	0	0
314	Textile Product Mills	0	0	0	0
315	Apparel	0	0	0	0
316	Leather and Allied Products	0	0	0	0
321	Wood Products	89	77	0	Q
321113	Sawmills	Q	3	0	Q
3212	Veneer, Plywood, and Engineered Woods	74	74	0	0
3219	Other Wood Products	2	0	0	2
322	Paper	4,943	4,622	321	0
322110	Pulp Mills	0	0	0	0
322121	Paper Mills, except Newsprint	4,235	3,937	298	0

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322122	Newsprint Mills	53	53	0	0
322130	Paperboard Mills	508	494	14	0
323	Printing and Related Support	*	0	0	*
324	Petroleum and Coal Products	846	846	0	*
324110	Petroleum Refineries	846	846	0	0
324199	Other Petroleum and Coal Products	0	0	0	0
325	Chemicals	4,855	4,816	0	39
325110	Petrochemicals	0	0	0	0
325120	Industrial Gases	0	0	0	0
325181	Alkalies and Chlorine	*	0	0	*
325182	Carbon Black	0	0	0	0
325188	Other Basic Inorganic Chemicals	7	7	0	*
325192	Cyclic Crudes and Intermediates	0	0	0	0
325193	Ethyl Alcohol	425	387	0	38
325199	Other Basic Organic Chemicals	834	834	0	0
325211	Plastics Materials and Resins	0	0	0	0
325212	Synthetic Rubber	0	0	0	0
325222	Noncellulosic Organic Fibers	0	0	0	0
325311	Nitrogenous Fertilizers	0	0	0	0
325312	Phosphatic Fertilizers	0	0	0	0
3254	Pharmaceuticals and Medicines	Q	Q	0	*
325412	Pharmaceutical Preparation	Q	Q	0	*
325992	Photographic Film, Paper, Plate, and Chemicals	0	0	0	0
326	Plastics and Rubber Products	0	0	0	0
327	Nonmetallic Mineral Products	314	313	0	1
327211	Flat Glass	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	0	0	0	0
327213	Glass Containers	1	0	0	1
327215	Glass Products from Purchased Glass	0	0	0	0
327310	Cements	313	313	0	0
327410	Lime	0	0	0	0
327420	Gypsum	0	0	0	0

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NAICS Code(a)	Subsector and Industry	Total Onsite Generation	Cogeneration(b)	Renewable Energy (excluding Wood and Other Biomass)(c)	Other(d)
327993	Mineral Wool	0	0	0	0
331	Primary Metals	2,787	2,786	0	1
331111	Iron and Steel Mills	2,786	2,786	0	0
331112	Electrometallurgical Ferroalloy Products	0	0	0	0
3312	Steel Products from Purchased Steel	*	0	0	*
3313	Alumina and Aluminum	*	0	0	*
331314	Secondary Smelting and Alloying of Aluminum	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	*	0	0	*
331316	Aluminum Extruded Products	0	0	0	0
3314	Nonferrous Metals, except Aluminum	*	0	0	*
3315	Foundries	*	*	0	*
331511	Iron Foundries	*	*	0	*
331521	Aluminum Die-Casting Foundries	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	0	0	0	0
332	Fabricated Metal Products	Q	Q	0	Q
333	Machinery	Q	Q	0	*
334	Computer and Electronic Products	Q	0	*	Q
334413	Semiconductors and Related Devices	*	0	*	0
335	Electrical Equip., Appliances, and Components	*	0	0	*
336	Transportation Equipment	173	78	93	2
336111	Automobiles	15	15	0	*
336112	Light Trucks and Utility Vehicles	93	0	93	0
3364	Aerospace Product and Parts	34	33	0	1
336411	Aircraft	0	0	0	0
337	Furniture and Related Products	Q	Q	0	Q
339	Miscellaneous	*	0	0	*
	Total	17,911	17,328	414	168

South Census Region

311	Food	799	790	0	9
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3112	Grain and Oilseed Milling	80	80	0	0
311221	Wet Corn Milling	62	62	0	0
31131	Sugar Manufacturing	363	363	0	*
3114	Fruit and Vegetable Preserving and Specialty Foods	258	258	0	0
3115	Dairy Products	0	0	0	0
3116	Animal Slaughtering and Processing	9	0	0	9
312	Beverage and Tobacco Products	108	108	0	*
3121	Beverages	36	36	0	0
3122	Tobacco	72	72	0	*
313	Textile Mills	Q	Q	0	0
314	Textile Product Mills	Q	Q	0	0
315	Apparel	Q	Q	0	0
316	Leather and Allied Products	0	0	0	0
321	Wood Products	289	289	0	*
321113	Sawmills	259	259	0	0
3212	Veneer, Plywood, and Engineered Woods	*	0	0	*
3219	Other Wood Products	30	30	0	0
322	Paper	32,773	32,565	*	207
322110	Pulp Mills	4,068	4,068	0	*
322121	Paper Mills, except Newsprint	12,478	12,478	0	0
322122	Newsprint Mills	5	5	0	0
322130	Paperboard Mills	13,586	13,379	*	207
323	Printing and Related Support	*	0	0	*
324	Petroleum and Coal Products	12,343	12,267	0	76
324110	Petroleum Refineries	12,259	12,183	0	76
324199	Other Petroleum and Coal Products	84	84	0	0
325	Chemicals	47,872	47,740	*	131
325110	Petrochemicals	5,026	5,019	0	7
325120	Industrial Gases	*	0	0	*
325181	Alkalies and Chlorine	9,980	9,980	0	0
325182	Carbon Black	202	202	0	0
325188	Other Basic Inorganic Chemicals	446	385	0	61

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325192	Cyclic Crudes and Intermediates	0	0	0	0
325193	Ethyl Alcohol	1	1	0	0
325199	Other Basic Organic Chemicals	9,792	9,743	0	48
325211	Plastics Materials and Resins	18,078	18,065	*	13
325212	Synthetic Rubber	410	410	0	0
325222	Noncellulosic Organic Fibers	777	777	0	0
325311	Nitrogenous Fertilizers	241	241	0	0
325312	Phosphatic Fertilizers	2,126	2,126	0	0
3254	Pharmaceuticals and Medicines	30	28	0	1
325412	Pharmaceutical Preparation	3	1	0	1
325992	Photographic Film, Paper, Plate, and Chemicals	0	0	0	0
326	Plastics and Rubber Products	*	0	*	0
327	Nonmetallic Mineral Products	1,002	941	0	Q
327211	Flat Glass	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	*	0	0	*
327213	Glass Containers	1	0	0	1
327215	Glass Products from Purchased Glass	*	0	0	*
327310	Cements	929	929	0	*
327410	Lime	0	0	0	0
327420	Gypsum	3	0	0	3
327993	Mineral Wool	*	0	0	*
331	Primary Metals	1,179	1,074	0	105
331111	Iron and Steel Mills	659	556	0	104
331112	Electrometallurgical Ferroalloy Products	0	0	0	0
3312	Steel Products from Purchased Steel	0	0	0	0
3313	Alumina and Aluminum	388	388	0	*
331314	Secondary Smelting and Alloying of Aluminum	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	0	0	0	0
331316	Aluminum Extruded Products	0	0	0	0
3314	Nonferrous Metals, except Aluminum	132	130	0	2
3315	Foundries	*	0	0	*
331511	Iron Foundries	0	0	0	0

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331521	Aluminum Die-Casting Foundries	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	*	0	0	*
332	Fabricated Metal Products	Q	Q	0	0
333	Machinery	0	0	0	0
334	Computer and Electronic Products	1	0	1	0
334413	Semiconductors and Related Devices	1	0	1	0
335	Electrical Equip., Appliances, and Components	Q	0	*	Q
336	Transportation Equipment	29	29	0	*
336111	Automobiles	29	29	0	0
336112	Light Trucks and Utility Vehicles	*	0	0	*
3364	Aerospace Product and Parts	0	0	0	0
336411	Aircraft	0	0	0	0
337	Furniture and Related Products	Q	Q	0	0
339	Miscellaneous	0	0	0	0
	Total	97,030	96,437	3	591
West Census Region					
311	Food	653	394	0	259
3112	Grain and Oilseed Milling	50	50	0	0
311221	Wet Corn Milling	26	26	0	0
31131	Sugar Manufacturing	225	225	0	0
3114	Fruit and Vegetable Preserving and Specialty Foods	9	9	0	*
3115	Dairy Products	41	30	0	Q
3116	Animal Slaughtering and Processing	0	0	0	0
312	Beverage and Tobacco Products	375	340	Q	*
3121	Beverages	375	340	Q	*
3122	Tobacco	0	0	0	0
313	Textile Mills	0	0	0	0
314	Textile Product Mills	Q	*	Q	0
315	Apparel	0	0	0	0

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316	Leather and Allied Products	0	0	0	0
321	Wood Products	1,146	1,145	Q	0
321113	Sawmills	1,133	1,133	*	0
3212	Veneer, Plywood, and Engineered Woods	Q	0	Q	0
3219	Other Wood Products	Q	Q	0	0
322	Paper	5,229	5,227	2	*
322110	Pulp Mills	137	137	0	0
322121	Paper Mills, except Newsprint	1,387	1,385	2	*
322122	Newsprint Mills	1,402	1,402	0	0
322130	Paperboard Mills	2,303	2,303	0	0
323	Printing and Related Support	Q	Q	0	0
324	Petroleum and Coal Products	5,981	5,863	0	118
324110	Petroleum Refineries	5,451	5,368	0	83
324199	Other Petroleum and Coal Products	495	495	0	0
325	Chemicals	580	569	1	10
325110	Petrochemicals	0	0	0	0
325120	Industrial Gases	0	0	0	0
325181	Alkalies and Chlorine	0	0	0	0
325182	Carbon Black	0	0	0	0
325188	Other Basic Inorganic Chemicals	374	365	0	9
325192	Cyclic Crudes and Intermediates	0	0	0	0
325193	Ethyl Alcohol	0	0	0	0
325199	Other Basic Organic Chemicals	Q	Q	0	0
325211	Plastics Materials and Resins	Q	Q	0	0
325212	Synthetic Rubber	0	0	0	0
325222	Noncellulosic Organic Fibers	0	0	0	0
325311	Nitrogenous Fertilizers	1	0	0	1
325312	Phosphatic Fertilizers	159	159	0	0
3254	Pharmaceuticals and Medicines	41	40	1	*
325412	Pharmaceutical Preparation	41	40	Q	*
325992	Photographic Film, Paper, Plate, and Chemicals	*	*	0	0
326	Plastics and Rubber Products	0	0	0	0

Released: October 2009

Next MECS will be conducted in 2010

Table 11.3 Electricity: Components of Onsite Generation, 2006;
Level: National and Regional Data;
Row: NAICS Codes; Column: Onsite-Generation Components;
Unit: Million Kilowatthours.

NAICS Code(a)	Subsector and Industry	Total Onsite Generation	Cogeneration(b)	Renewable Energy (excluding Wood and Other Biomass)(c)	Other(d)
327	Nonmetallic Mineral Products	193	193	0	*
327211	Flat Glass	*	0	0	*
327212	Other Pressed and Blown Glass and Glassware	*	0	0	*
327213	Glass Containers	0	0	0	0
327215	Glass Products from Purchased Glass	3	3	0	0
327310	Cements	163	163	0	0
327410	Lime	1	1	0	0
327420	Gypsum	27	27	0	*
327993	Mineral Wool	0	0	0	0
331	Primary Metals	406	405	0	*
331111	Iron and Steel Mills	0	0	0	0
331112	Electrometallurgical Ferroalloy Products	0	0	0	0
3312	Steel Products from Purchased Steel	0	0	0	0
3313	Alumina and Aluminum	3	3	0	0
331314	Secondary Smelting and Alloying of Aluminum	3	3	0	0
331315	Aluminum Sheet, Plate and Foils	0	0	0	0
331316	Aluminum Extruded Products	0	0	0	0
3314	Nonferrous Metals, except Aluminum	386	386	0	*
3315	Foundries	Q	Q	0	*
331511	Iron Foundries	*	0	0	*
331521	Aluminum Die-Casting Foundries	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	0	0	0	0
332	Fabricated Metal Products	0	0	0	0
333	Machinery	0	0	0	0
334	Computer and Electronic Products	26	25	1	*
334413	Semiconductors and Related Devices	26	25	1	*
335	Electrical Equip., Appliances, and Components	0	0	0	0
336	Transportation Equipment	57	57	0	*
336111	Automobiles	0	0	0	0
336112	Light Trucks and Utility Vehicles	0	0	0	0
3364	Aerospace Product and Parts	57	57	0	*
336411	Aircraft	*	0	0	*

Table 11.3 Electricity: Components of Onsite Generation, 2006;
Level: National and Regional Data;
Row: NAICS Codes; Column: Onsite-Generation Components;
Unit: Million Kilowatthours.

NAICS Code(a)	Subsector and Industry	Total Onsite Generation	Cogeneration(b)	Renewable Energy (excluding Wood and Other Biomass)(c)	Other(d)
337	Furniture and Related Products	0	0	0	0
339	Miscellaneous	0	0	0	0
	Total	14,656	14,227	Q	387

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

(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, '2006 Manufacturing Energy Consumption Survey.'