

Table 10.7 Number of Establishments with Capability to Switch Electricity to Alternative Energy Sources, 2006;

Level: National Data;

Row: NAICS Codes;

Column: Energy Sources;

Unit: Establishment Counts.

NAICS Code(a)	Subsector and Industry	Electricity Receipts(b)			Alternative Energy Sources(c)							
		Total Receipts(d)	Switchable	Not Switchable	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	LPG	Coal Coke and Breeze	Other(e)	
Total United States												
311	Food	14,109	708	8,259	384	162	0	Q	105	0	84	
3112	Grain and Oilseed Milling	580	27	472	3	Q	0	W	W	0	W	
311221	Wet Corn Milling	47	W	39	W	W	0	W	W	0	0	
31131	Sugar Manufacturing	78	11	46	W	9	0	0	0	0	0	
3114	Fruit and Vegetable Preserving and Specialty Foods	1,125	Q	717	5	5	0	0	0	0	W	
3115	Dairy Products	1,044	57	651	5	26	0	0	3	0	Q	
3116	Animal Slaughtering and Processing	1,715	33	1,196	Q	9	0	0	0	0	W	
312	Beverage and Tobacco Products	1,830	177	952	W	Q	0	0	W	0	Q	
3121	Beverages	1,758	177	888	W	Q	0	0	W	0	Q	
3122	Tobacco	72	0	64	0	0	0	0	0	0	0	
313	Textile Mills	1,966	77	1,320	W	0	W	W	0	0	0	
314	Textile Product Mills	3,332	165	2,179	Q	W	W	0	Q	0	W	
315	Apparel	5,499	203	3,008	Q	Q	0	W	W	0	0	
316	Leather and Allied Products	687	Q	364	10	0	0	0	Q	0	0	
321	Wood Products	10,777	353	6,759	17	173	0	W	Q	0	Q	
321113	Sawmills	2,274	94	1,494	3	46	0	W	0	0	12	
3212	Veneer, Plywood, and Engineered Woods	1,462	W	929	0	0	0	0	W	0	0	
3219	Other Wood Products	6,688	223	4,090	12	121	0	0	5	0	W	
322	Paper	3,928	89	2,939	70	34	12	17	W	W	5	
322110	Pulp Mills	32	4	25	W	W	0	0	0	0	W	
322121	Paper Mills, except Newsprint	288	27	236	20	7	7	11	0	W	W	
322122	Newsprint Mills	20	3	14	3	W	0	0	0	0	0	
322130	Paperboard Mills	200	21	180	17	9	5	4	0	0	W	
323	Printing and Related Support	18,830	566	9,599	525	W	0	0	0	0	0	
324	Petroleum and Coal Products	1,813	203	1,193	115	157	6	0	80	0	13	
324110	Petroleum Refineries	209	44	187	26	12	6	0	6	0	12	
324199	Other Petroleum and Coal Products	48	5	33	4	0	0	0	0	0	W	
325	Chemicals	8,619	394	6,075	177	129	Q	Q	110	W	Q	
325110	Petrochemicals	45	4	39	4	0	W	0	0	0	0	
325120	Industrial Gases	560	W	372	0	W	0	0	0	0	0	
325181	Alkalies and Chlorine	31	W	29	W	W	0	0	0	0	0	
325182	Carbon Black	24	0	23	0	0	0	0	0	0	0	
325188	Other Basic Inorganic Chemicals	473	7	395	3	W	W	W	W	0	0	
325192	Cyclic Crudes and Intermediates	25	0	18	0	0	0	0	0	0	0	
325193	Ethyl Alcohol	65	5	47	W	W	0	W	0	0	W	
325199	Other Basic Organic Chemicals	488	20	385	7	7	0	0	0	0	Q	
325211	Plastics Materials and Resins	555	11	447	W	Q	0	0	0	0	W	
325212	Synthetic Rubber	92	4	68	W	W	0	0	W	0	0	
325222	Noncellulosic Organic Fibers	77	13	63	W	4	4	6	0	0	W	
325311	Nitrogenous Fertilizers	65	4	54	4	W	0	0	W	0	0	
325312	Phosphatic Fertilizers	32	0	32	0	0	0	0	0	0	0	
3254	Pharmaceuticals and Medicines	1,123	88	746	Q	34	0	0	Q	0	0	
325412	Pharmaceutical Preparation	580	31	458	10	26	0	0	W	0	0	
325992	Photographic Film, Paper, Plate, and Chemicals	143	4	93	4	0	0	W	0	0	0	
326	Plastics and Rubber Products	9,823	341	6,674	173	Q	Q	0	W	0	Q	
327	Nonmetallic Mineral Products	11,914	376	7,030	262	157	5	0	Q	0	4	
327211	Flat Glass	42	6	34	0	6	0	0	0	0	0	
327212	Other Pressed and Blown Glass and Glassware	157	3	94	W	W	0	0	0	0	0	
327213	Glass Containers	55	12	52	12	W	0	0	W	0	0	
327215	Glass Products from Purchased Glass	768	17	575	8	8	5	0	0	0	W	
327310	Cements	188	10	116	W	W	0	0	0	0	W	
327410	Lime	62	W	55	W	0	0	0	0	0	0	
327420	Gypsum	145	0	128	0	0	0	0	0	0	0	
327993	Mineral Wool	188	W	162	0	W	0	0	0	0	W	
331	Primary Metals	3,271	150	2,288	71	32	W	W	Q	W	Q	
331111	Iron and Steel Mills	347	W	259	6	W	W	0	0	0	0	
331112	Electrometallurgical Ferroalloy Products	18	W	14	W	W	0	0	0	0	0	

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NAICS Code(a)	Subsector and Industry	Electricity Receipts(b)			Alternative Energy Sources(c)							
		Total Receipts(d)	Switchable	Not Switchable	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	LPG	Coal Coke and Breeze	Other(e)	
3312	Steel Products from Purchased Steel	446	13	352	9	W	0	0	W	0	0	
3313	Alumina and Aluminum	384	18	290	5	7	0	W	5	W	0	
331314	Secondary Smelting and Alloying of Aluminum	97	4	71	W	W	0	0	0	0	0	
331315	Aluminum Sheet, Plate and Foils	56	W	45	W	0	0	W	0	W	0	
331316	Aluminum Extruded Products	150	8	106	W	W	0	0	5	0	0	
3314	Nonferrous Metals, except Aluminum	574	60	385	W	7	0	0	W	0	W	
3315	Foundries	1,503	48	990	27	7	W	0	W	0	6	
331511	Iron Foundries	379	15	314	11	4	0	0	W	0	W	
331521	Aluminum Die-Casting Foundries	185	7	123	W	W	W	0	0	0	3	
331524	Aluminum Foundries, except Die-Casting	309	24	220	10	W	0	0	W	0	W	
332	Fabricated Metal Products	35,520	1,729	21,621	986	481	W	0	Q	0	Q	
333	Machinery	16,296	638	9,423	388	Q	0	Q	W	0	Q	
334	Computer and Electronic Products	8,188	461	4,913	278	84	Q	0	W	0	Q	
334413	Semiconductors and Related Devices	522	17	346	4	12	0	0	0	0	W	
335	Electrical Equip., Appliances, and Components	3,596	101	2,521	96	9	W	W	W	W	W	
336	Transportation Equipment	7,024	350	4,808	227	95	3	0	Q	0	70	
336111	Automobiles	77	W	61	W	W	0	0	W	0	0	
336112	Light Trucks and Utility Vehicles	47	0	36	0	0	0	0	0	0	0	
3364	Aerospace Product and Parts	910	79	581	Q	11	3	0	W	0	Q	
336411	Aircraft	105	14	70	6	5	3	0	W	0	5	
337	Furniture and Related Products	11,368	362	5,107	265	0	W	0	W	0	0	
339	Miscellaneous	15,702	966	8,784	643	493	Q	W	Q	0	W	
	Total	194,093	8,440	115,815	4,954	2,388	506	286	1,217	Q	1,003	

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

(b) These counts include only those establishments that reported this activity in 2006.

(c) 'Alternative Energy Sources' consist of those energy sources that could have been substituted for electricity receipts during 2006. The quantities are expressed in millions of kilowatthours, and therefore represent the quantity of electricity that could have been displaced by the given alternative type of energy.

(d) 'Total Receipts' represents those quantities of electricity generated off the manufacturing establishment site and available at the site for consumption. It includes those quantities for which payment was made, quantities transferred in, quantities purchased and paid for by a central purchasing entity, and quantities for which payment was made in kind. It does not include electricity generated onsite. 'Electricity Receipts' has not been adjusted to account for any quantities that might have been resold or transferred out. The estimates include those quantities that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.

(e) 'Other' includes all other types of energy not already identified that respondents indicated could have been consumed in place of electricity.

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.'