Table 10.5 Number of Establishments with Capability to Switch Residual Fuel Oil to Alternative Energy Sources, 2002;

Level: National Data;

Row: NAICS Codes;

Column: Energy Sources;

Unit: Establishment Counts.

		Residual Fuel Oil(b)			Alternative Energy Sources(c)]
NAICS Code(a)	Subsector and Industry	Total Consumed(d)	Switchable	Not Switchable	Electricity Receipts(e)	Natural Gas	Distillate Fuel Oil	Coal	LPG	Coal Coke and Breeze	Other(f)	RSE Row Factors
	Total United States											
	RSE Column Factors:	1.3	1	1.5	0.7	1	0.8	0.6	1.2	1.4	0.8	
311	Food	274	183	108	0	119	72	W	Q	0	15	15.2
311221	Wet Corn Milling	3	W	W	0	0	W	0	0	0	0	0.9
31131	Sugar	18	9	9	0	9	0	W	0	0	0	1
311421	Fruit and Vegetable Canning	38	26	30	0	26	W	0	0	0	0	8.1
312	Beverage and Tobacco Products	35	17	Q	0	17	6	W	0	0	0	8
3121	Beverages	24	9	Q	0	9	4	0	0	0	0	20.9
3122	Tobacco	11	8	4	0	8	W	W	0	0	0	1
313	Textile Mills	145	68	85	0	55	25	5	5	0	6	13.4
314	Textile Product Mills	16	W	W	0	12	6	W	4	0	0	23
315	Apparel	26	0	26	0	0	0	0	0	0	0	15.3
316	Leather and Allied Products	W	0	W	0	0	0	0	0	0	0	0.7
321	Wood Products	69	9	66	W	W	W	0	0	0	6	2.5
321113		W	W	W	W	0	0	0	0	0	0	0.9
3212	Veneer, Plywood, and Engineered Woods	7	W	W	0	W	W	0	0	0	0	2
3219	Other Wood Products	55	6	55	0	0	0	0	0	0	6	5.2
322	Paper	242	105	162	9	90	18	10	6	0	10	3.7
322110		15	9	10	W	8	3	0	W	0	0	1.1
322121		111	49	73	6	39	8	W	W	0	7	6
322122		_4	W	W	0	W	0	0	0	0	0	0.8
322130		57	38	29	W	34	7	6	W	0	W	1
323	Printing and Related Support	136	136	0	84	84	52	0	0	0	52	24.5
324	Petroleum and Coal Products	118	56	61	W	55	36	0	10	0	W	7.8
324110		40	15	24	W	15	W	0	10	0	W	1
324199		W	0	W	0	0	0	0	0	0	0	0.7
325	Chemicals	270	156	123	56	92	34	57	0	55	0	3.5
325110		W	W	3 0	0 0	W	0	0	0	0	0	0.8
325120		0	0	-		0	0	0	0	0	0 0	0
325181 325182		W 4	0 W	W W	0 0	0 W	0	0	0	0	0	1.4 0.8
				vv 16	0	VV 0	0	0	0	0	0	
325188 325192		16 4	0 W	W	0	W	0	0	0	0	0	3.5 0.8
325192		4 0	VV 0	VV O	0	VV 0	0	0	0	0	0	0.8
325193	Other Basic Organic Chemicals	30	17	13	0	17	w	0	0	0	0	2
325199	Plastics Materials and Resins	30 62	58	13	0 55	4	VV 0	0 55	0	55	0	2 4.6
323211	FIASILS WALEHAIS AND RESINS	62	58	S	55	4	0	55	0	55	0	4.0

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		Res	idual Fuel Oil(b)	Alternative Energy Sources(c)							
NAICS Code(a)	Subsector and Industry	Total Consumed(d)	Switchable	Not Switchable	Electricity Receipts(e)	Natural Gas	Distillate Fuel Oil	Coal	LPG	Coal Coke and Breeze	Other(f)	RSE Row Factors
325212	Synthetic Rubber	24	24	0	0	24	17	0	0	0	0	1
325222	Noncellulosic Organic Fibers	19	11	9	W	9	W	W	0	0	0	1.1
325311	Nitrogenous Fertilizers	0	0	0	0	0	0	0	0	0	0	0.7
325312	Phosphatic Fertilizers	5	W	W	0	W	0	0	0	0	0	0.8
3254	Pharmaceuticals and Medicines	56	10	50	0	4	W	0	0	0	0	2.4
325412		11	9	5	0	4	W	0	0	0	0	5
325992		4	W	W	0	W	0	W	0	0	0	1
326	Plastics and Rubber Products	81	31	50	0	31	5	0	W	0	W	2.1
327	Nonmetallic Mineral Products	27	9	84	Q	8	0	W	0	0	W	3.8
3272	Glass and Glass Products	W	W	W	0	W	0	0	0	0	0	0.8
327211	Flat Glass	W	0	W	0	0	0	0	0	0	0	0.7
327213	Glass Containers	0	0	0	0	0	0	0	0	0	0	0
327310	Cements	3	W	W	0	W	0	0	0	0	0	0.8
327410	Lime	7	W	W	W	W	0	0	0	0	W	1
327993	Mineral Wool	0	0	0	0	0	0	0	0	0	0	0.7
331	Primary Metals	44	9	35	0	9	W	0	0	0	0	3.9
331111	Iron and Steel Mills	5	0	5	0	0	0	0	0	0	0	0.7
331112		0	0	0	0	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	13	W	W	0	W	0	0	0	0	0	10.9
3313	Alumina and Aluminum	W	W	0	0	W	0	0	0	0	0	0.9
331312	Primary Aluminum	W	W	0	0	W	0	0	0	0	0	0.9
3314	Nonferrous Metals, except Aluminum	W	5	W	0	5	W	0	0	0	0	4.2
3315	Foundries	13	W	W	0	W	0	0	0	0	0	4.6
331511	Iron Foundries	0	0	0	0	0	0	0	0	0	0	0
331521	Aluminum Die-Casting Foundries	W	W	0	0	W	0	0	0	0	0	0.9
331524	Aluminum Foundries, except Die-Casting	W	0	W	0	0	0	0	0	0	0	22.3
332	Fabricated Metal Products	201	22	179	0	22	0	0	0	0	0	24.6
333	Machinery	14	7	7	0	7	0	0	0	0	0	8.8
334	Computer and Electronic Products	23	12	13	0	11	W	0	0	0	0	3.1
334413	Semiconductors and Related Devices	W	W	0	0	W	0	0	0	0	0	0.9
335	Electrical Equip., Appliances, and Components	17	7	12	0	7	0	0	0	0	0	4.3
336	Transportation Equipment	33	18	21	W	18	W	W	W	0	W	1.4
	Light Trucks and Utility Vehicles	3	W	W	0	W	0	0	0	0	0	0.8
337	Furniture and Related Products	W	0	W	0	0	0	0	0	0	0	29.3
339	Miscellaneous	12	W	W	0	W	0	0	0	0	0	1.8
	Total	1,846	861	1,128	218	641	261	78	Q	55	94	10.6

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		Residual Fuel Oil(b)			Alternative Energy Sources(c)]
NAICS Code(a)	Subsector and Industry	Total Consumed(d)	Switchable	Not Switchable	Electricity Receipts(e)	Natural Gas	Distillate Fuel Oil	Coal	LPG	Coal Coke and Breeze	Other(f)	RSE Row Factors
Industry Cl (b) These (c) 'Altern have been expressed residual fur of energy. (d) 'Total were ascer which the s (e) 'Elect generated consumptin quantities t purchasing not include adjusted to transferred switchable score source: use, Energy	Bureau of the Census classifies establishments using assification System (NAICS). e counts include only those establishments that repor- native Energy Sources' consist of those energy sourc substituted for residual fuel oil during 2002. The qua- in thousands of barrels, and therefore represent the el oil that could have been displaced by the given alter Consumed' represents those quantities (Total Inputs tained switchable or not switchable, plus an additional switching status was not ascertained. ricity Receipts' represents those quantities of electric off the manufacturing establishment site and availabl on. It includes those quantities for which payment was ransferred in, quantities purchased and paid for by a entity, and quantities for which payment was made i electricity generated onsite. 'Electricity Receipts' ha account for any quantities that might have been reso out. The estimates include those quantities that wer or not switchable, plus an additional quantity for which tatus was not ascertained. 'includes all other types of energy not already identifit is indicated could have been consumed in place of re applicable RSE row/column factor. te less than 0.5. held to avoid disclosing data for individual establishm neeld because Relative Standard Error is greater than available. To obtain the RSE percentage for any table cell, mul- ting RSE column and RSE row factors. Totals may r is because of independent rounding. Energy Information Administration, Office of Energy In- y End Use Division, Form EIA-846, '2002 Manufactu on Survey.'	ted this activity in 2 es that could intities are quantity of irrnative type) of residual fuel o al quantity for ity e at the site for is made, central n kind. It does as not been old or e ascertained ch the ied that issidual fuel oil. ents. 50 percent. tiply the cell's not equal sum of Markets and End	2002.									