Primary Metals

Table 10.24 Reasons that Made Distillate Fuel Oil Unswitchable, 2006;

Level: National Data; Row: NAICS Codes;

Column: Reasons that Made Quantity Unswitchable;

Unit: Million barrels.

Reasons that Made Distillate Fuel Oil Unswitchable

Total Amount of Total Amount of Equipment is Not Switching Unavailable Long-Term Unavailable Combinations of NAICS Distillate Fuel Oil Unswitchable DistillateCapable of UsincAdversely Affects Alternative Environmenta Contract Storage for Another Columns F, G, Code(a) Subsector and Industry Consumed as a Fue Fuel Oil Fuel Use Another Fuel the Products Fuel SupplyRestrictions(b in Place(c)Alternative Fuels(d Reason H, I, J, and K Don't Know **Total United States** 2,723 2,141 1,595 Q Q Grain and Oilseed Milling Ω Λ Ω Ω Ω Ω Wet Corn Milling Sugar Manufacturing Fruit and Vegetable Preserving and Specialty Foods Dairy Products Q Animal Slaughtering and Processing Ω Beverage and Tobacco Products Q Q Q Ω Beverages Λ Ω Tobacco Textile Mills Ω Ω Ω Textile Product Mills Ω Ω Apparel Leather and Allied Products Ω Ω Ω Ω Ω Λ Ω Ω Ω Ω Wood Products 2,635 2,167 1,913 Sawmills 1,422 1,126 Veneer, Plywood, and Engineered Woods Other Wood Products Ω Ω Ω Ω 2,181 Paper Pulp Mills Paper Mills, except Newsprint Ω Λ Ω Newsprint Mills Paperboard Mills 1,054 Printing and Related Support Q Petroleum and Coal Products 4,275 2,760 2,530 Ω Q Petroleum Refineries 1,387 Ω Ω Ω Other Petroleum and Coal Products Chemicals 1,616 1,211 Ω O Petrochemicals Industrial Gases Alkalies and Chlorine Ω Λ Ω Λ Ω Ω Other Basic Inorganic Chemicals Cyclic Crudes and Intermediates Ethyl Alcohol Other Basic Organic Chemicals Ω Plastics Materials and Resins Q Q Synthetic Rubber Ω Ω Λ Ω Ω n Noncellulosic Organic Fibers Nitrogenous Fertilizers Phosphatic Fertilizers Pharmaceuticals and Medicines Pharmaceutical Preparation n Ω Ω Ω Λ Photographic Film, Paper, Plate, and Chemicals Plastics and Rubber Products Ω Ω Ω Q Nonmetallic Mineral Products 5.150 4.141 3.795 Q Flat Glass Other Pressed and Blown Glass and Glassware Glass Containers Ω Glass Products from Purchased Glass Ω Ω Ω Ω Ω Cements Lime Gypsum Mineral Wool

Q

1,016

Table 10.24 Reasons that Made Distillate Fuel Oil Unswitchable, 2006:

Level: National Data; Row: NAICS Codes:

Column: Reasons that Made Quantity Unswitchable;

Unit: Million barrels.

Reasons that Made Distillate Fuel Oil Unswitchable

NAICS Code(a)	Subsector and Industry	Total Amount of Distillate Fuel Oil Consumed as a Fue	Inswitchable Distillate	Equipment is No Capable of Using Another Fuel	dversely Affects		nvironmenta		Unavailable Storage for Iternative Fuels(d	Another	Combinations o Columns F, G, H, I, J, and K	
331111	Iron and Steel Mills	529	458	319	10	0	0	2	0	0	C	127
331112	Electrometallurgical Ferroalloy Products	17	9	9	0	0	0	0	0	0	C	0
3312	Steel Products from Purchased Steel	46	18	15	0	0	0	0	0	0	C	3
3313	Alumina and Aluminum	136	89	76	4	*	0	0	1	0	3	5
331314	Secondary Smelting and Alloying of Aluminum	37	32	23	4	0	0	0	1	0	C	4
331315	Aluminum Sheet, Plate and Foils	58	22	18	0	*	0	0		0	3	1
331316	Aluminum Extruded Products	12	12	11	0	0	0	0	*	0	C	*
3314	Nonferrous Metals, except Aluminum	96	87	57	0	Q	0	0	0	0	1	21
3315	Foundries	193	119	88	20	*	6	*		0	C	6
331511	Iron Foundries	100	84	58	20	0	6	0	0	0	C	2
331521	Aluminum Die-Casting Foundries	45			0	0	0	0	0	0	C	0
331524	Aluminum Foundries, except Die-Casting	10	3	2	0	0	0	*	*	0	C	*
332	Fabricated Metal Products	410	295	272	0	Q	0	0	0	0		Q
333	Machinery	274	184	181	Q	0	0	0	0	0	•	*
334	Computer and Electronic Products	155	63	61	0	*	*	0	0	0	C	Q
334413	Semiconductors and Related Devices	19	5	5	0	*	*	0	0	0	C	*
335	Electrical Equip., Appliances, and Components	Q	Q	Q		0	0	0	0	0	C	*
336	Transportation Equipment	488	198	162	Q	15	*	Q	*	0	4	9
336111	Automobiles	4	2	1	0	0	0	0	0	0	C	*
336112	Light Trucks and Utility Vehicles	5	3	3	0	0	0	0	*	0	•	0
3364	Aerospace Product and Parts	98	82	66	0	8	0	0	0	0	4	4
336411	Aircraft	22	21	11	0	5	0	0	0	0	1	4
337	Furniture and Related Products	Q	Q	Q	0	0	0	0	0	0	C	1
339	Miscellaneous	28	9	Q	0	*	0	0	0	0	C	Q
	Total	22,139	15,529	13,252	107	349	Q	9	37	0	C	1,284

⁽a) The Bureau of the Census classifies establishments using the North American (a) The butter of the control of the

the usable alternative fuel that could be used instead.

⁽c) Long-term contracts are typically with a utility or third-party supplier such as an energy broker and requires the purchase of a fuel for an extended amount of time.

⁽d) The storage of usable alternative fuels is not available due to the potential environmental impact of storage tanks.

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. Establishment percents may not equal 100 percent because of unknown and/or unreported fuel-switching quesstimate.

Source: Energy Information Administration, Office of Energy Markets and End Use, Energy Consumption Division, Form EIA-846, '2006 Manufacturing Energy Consumption Survey.'