



Table 2. End Uses of Fuel Consumption, 1998 and 2002
(trillion Btu)

	MECS Survey Years	
	1998	2002
Iron and Steel Mills (NAICS ¹ 331111)		
Total ²	1,672	1,455
Net Electricity ³	158	184
Natural Gas	456	388
Coal	48	36
Boiler Fuel	--	--
Coal	8	W
Residual Fuel Oil	10	*
Natural Gas	52	39
Process Heating	--	--
Net Electricity	74	79
Residual Fuel Oil	19	*
Natural Gas	369	329
Machine Drive	--	--
Net Electricity	68	86

Notes 1. The North American Industry Classification System (NAICS) has replaced the Standard Industrial Classification (SIC) system. NAICS 331111 includes steel works, blast furnaces (including coke ovens), and rolling mills.

2. 'Total' is the sum of all energy sources listed below, including net steam (the sum of purchases, generation from renewable resources, and net transfers), and other energy that respondents indicated was used to produce heat and power. It is the fuel quantities across all end-uses.

3. 'Net Electricity' is obtained by summing purchases, transfers in, and generation from noncombustible renewable resources, minus quantities sold and transferred out. It does not include electricity inputs from onsite cogeneration or generation from combustible fuels because that energy has already been included as generating fuel (for example, coal).

W=Withheld to avoid disclosing data for individual establishments.

*= Estimate less than 0.5.

Sources: Energy Information Administration, Manufacturing Energy Consumption Surveys 1998, and 2002; U.S. Department of Commerce: Bureau of Economic Analysis, Annual Industry Account, and Gross-Domestic-Product-by-Industry Accounts; December 20, 2004; U.S. Census Bureau, Annual Survey of Manufactures, January 2003; U.S. Census Bureau, 2002 Economic Census, December 2004.

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