

Table 10.1 Nonswitchable Minimum and Maximum Consumption, 2002;
Level: National and Regional Data;
Row: Energy Sources;
Column: Consumption Potential;
Unit: Physical Units.

Energy Sources	Actual Consumption	Minimum Consumption(a)	Maximum Consumption(b)	RSE Row Factors
Total United States				
RSE Column Factors:	1	1	1	
Electricity Receipts(c) (million kilowatthours)	855,160	668,467	894,613	2
Natural Gas (billion cubic feet)	5,641	3,536	6,108	2
Distillate Fuel Oil (thousand barrels)	24,446	13,621	118,299	5
Residual Fuel Oil (thousand barrels)	33,132	14,781	84,800	3
Coal (thousand short tons)	60,310	34,999	62,947	8.3
LPG (thousand barrels)	26,547	8,661	142,736	4.8
Northeast Census Region				
RSE Column Factors:	0.9	1.1	1	
Electricity Receipts(c) (million kilowatthours)	100,190	77,610	110,498	5
Natural Gas (billion cubic feet)	523	292	559	3
Distillate Fuel Oil (thousand barrels)	5,104	2,997	21,941	6.6
Residual Fuel Oil (thousand barrels)	10,742	5,929	23,002	5.2
Coal (thousand short tons)	4,130	2,551	4,386	4.6
LPG (thousand barrels)	2,518	1,477	12,833	11.1
Midwest Census Region				
RSE Column Factors:	1	1.3	0.8	
Electricity Receipts(c) (million kilowatthours)	252,896	202,694	261,647	4
Natural Gas (billion cubic feet)	1,455	935	1,592	3
Distillate Fuel Oil (thousand barrels)	5,183	3,389	28,740	12.4
Residual Fuel Oil (thousand barrels)	3,442	451	15,723	14.4
Coal (thousand short tons)	26,946	15,368	28,059	9
LPG (thousand barrels)	5,343	2,830	52,593	12.7
South Census Region				

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RSE Column Factors:				
	1.1	0.9	1	
Electricity Receipts(c) (million kilowatthours)	395,373	303,266	409,561	2
Natural Gas (billion cubic feet)	3,005	1,905	3,216	2.3
Distillate Fuel Oil (thousand barrels)	9,374	4,977	51,867	7.1
Residual Fuel Oil (thousand barrels)	17,001	7,451	39,666	3.9
Coal (thousand short tons)	24,489	15,123	25,623	16.9
LPG (thousand barrels)	14,669	2,927	59,421	3.6
West Census Region				
RSE Column Factors:				
	1.1	1	0.9	
Electricity Receipts(c) (million kilowatthours)	106,701	84,938	112,907	2
Natural Gas (billion cubic feet)	658	403	741	3.6
Distillate Fuel Oil (thousand barrels)	4,784	2,259	15,750	13.1
Residual Fuel Oil (thousand barrels)	1,947	951	6,410	1.3
Coal (thousand short tons)	4,745	1,957	4,879	1.6
LPG (thousand barrels)	4,017	1,428	17,889	8.4

(a) Minimum consumption represents actual 2002 consumption decreased by the quantity of the designated type of energy that would no longer have been required if all ascertained switching from that type of energy had occurred. The minimum value includes the quantity of 2002 consumption for which switching capability was not ascertained.

(b) Maximum consumption represents actual 2002 consumption increased by the quantity of the designated type of energy that would have been required if all ascertained switching into that type of energy had occurred. This value assumes that all indicated substitutions were possible simultaneously and the substitutable amount consists of the sum of all possible switches to the designated type of energy. The estimate assumes that 2002 output remained constant.

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(c) 'Electricity 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.

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, '2002 Manufacturing Energy Consumption Survey.'