2011
NEW YORK STATE
ENERGY FAST FACTS

PRIMARY ENERGY CONSUMPTION

Primary consumption (4.1% of U.S. total) (trillion Btu)		3,695.3
By sector:		
Residential	(16.0%)	589.7
Commercial	(11.4%)	423.1
Industrial	(4.0%)	146.8
Transportation	(26.8%)	989.3
Electric Generation	(41.8%)	1,546.4
By fuel type:		
Petroleum	(32.5%)	1,202.1
Natural gas	(33.7%)	1,246.9
Nuclear	(12.1%)	446.2
Hydro	(7.1%)	260.8
Net Imported Electricity	(6.3%)	231.8
Other[1]	(4.9%)	182.2
Coal	(3.4%)	125.2
Primary consumption per capita (million Btu)		189.8

NET ENERGY CONSUMPTION AND EXPENDITURES

		Net Energy Consumption (trillion Btu)		Estimated Expenditures (billion dollars)
Total:		2,640.3		$64.6
By sector:				
Residential	(29.0%)	764.5	(28.3%)	$18.3
Commercial	(25.9%)	683.8	(26.7%)	$17.2
Industrial	(7.3%)	192.6	(3.7%)	$2.4
Transportation	(37.8%)	999.4	(41.3%)	$26.7
By fuel type:				
Petroleum	(45.1%)	1,190.9	(50.9%)	$32.9
Natural gas	(30.4%)	803.4	(13.5%)	$8.7
Electricity	(18.6%)	491.5	(35.4%)	$22.9
Other[1]	(4.9%)	128.6		
Coal	(1.0%)	26.0	(0.2%)	$0.1
Estimated energy expenditures leaving the state (billions)				$38.6

AVERAGE ENERGY PRICES

	2011	2010
Gasoline - all grades (gallon)	$3.51	$2.77
Heating oil (gallon)	$3.55	$3.01
Natural gas (thousand cubic feet)		
Residential	$13.64	$14.04
Commercial	$9.28	$10.87
Industrial	$8.05	$8.54
Electricity (kilowatt-hour)		
Residential	18.3¢	18.7¢
Commercial	15.8¢	16.3¢
Industrial	7.8¢	8.8¢
Total (million metric tons of CO_2 equivalent)		185.3

GREENHOUSE GAS EMISSIONS FROM FUEL COMBUSTION

By sector:		
Residential	(16.9%)	31.4
Commercial	(13.1%)	24.3
Industrial	(8.1%)	14.9
Transportation	(39.0%)	72.2
Electric Generation	(22.9%)	42.5
By fuel type:		
Petroleum	(57.9%)	
Natural gas	(35.8%)	
Coal	(6.3%)	
Greenhouse gas emissions per capita (metric tons of CO_2 equivalent)		9.5

[1]Ethanol (48.1 TBtu) is included in "Other" totals and also as a component of motor gasoline. Total consumption and percentages are based on ethanol only as "Other."

ELECTRICITY

Sales decreased 0.4% from 2010

Sales to ultimate consumers (gigawatt-hours)		144,047
By sector:		
Residential	(35.6%)	51,240
Commercial	(53.0%)	76,406
Industrial	(9.3%)	13,420
Transportation	(2.1%)	2,981
Generation (gigawatt-hours)		163,330
By fuel type:		
Nuclear	(26.1%)	42,695
Natural Gas	(31.1%)	50,805
Hydro	(17.4%)	28,355
Net Imported Electricity	(15.4%)	25,202
Coal	(5.8%)	9,426
Petroleum	(0.7%)	1,189
Other	(1.7%)	2,830
Wind	(1.7%)	2,828

PETROLEUM

Consumption decreased 5.3% from 2010

Consumption (4.2% of U.S. total) (million barrels)		216.4
By sector:		
Residential	(10.9%)	24.4
Commercial	(9.4%)	19.4
Industrial	(2.3%)	4.8
Transportation	(76.5%)	165.9
Electric generation	(0.9%)	1.8
In-State production (thousand barrels)		391.2

NATURAL GAS

Consumption increased 1.5% from 2010

Consumption (5.3% of U.S. total) (billion cubic feet)		1,216.5
By sector:		
Residential	(32.4%)	393.8
Commercial	(23.9%)	291.1
Industrial	(6.3%)	76.6
Transportation	(1.7%)	21.0
Electric generation	(35.7%)	434.0
In-State production (billion cubic feet)		31.1

ADDITIONAL 2011 STATISTICS

Population (6.2% of U.S. total) (million)	19.5
Number of housing units (million)	8.1
Gross State Product (billion 2011 dollars)	$1,158.0
Motor vehicle registrations (million)	10.1
Vehicle miles of travel (billion miles)	127.7
Heating degree-days (increased 1.3% from 2010)	5,596
Cooling degree-days (decreased 12.4% from 2010)	827

Note: Totals may not sum exactly due to rounding.

DATA SOURCE

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