

**2008  
NEW YORK STATE  
ENERGY FAST FACTS**

**PRIMARY ENERGY CONSUMPTION**

*1.6% lower than 2007*

Primary consumption (4.1% of U.S. total) (trillion Btu) . . . .	4,027.0
By sector:	
Residential . . . . . (16%) . . . . .	638.3
Commercial . . . . . (11%) . . . . .	434.9
Industrial . . . . . ( 4%) . . . . .	165.1
Transportation . . . . . (29%) . . . . .	1,152.6
Electric Generation . . . . . (40%) . . . . .	1,635.9
By fuel type:	
Petroleum . . . . . (37%) . . . . .	1,504.6
Natural gas . . . . . (30%) . . . . .	1,209.2
Nuclear . . . . . (11%) . . . . .	453.1
Coal . . . . . ( 6%) . . . . .	240.6
Hydro . . . . . ( 7%) . . . . .	265.1
Biofuels <sup>1</sup> . . . . . ( 3%) . . . . .	159.3
Net imported electricity . . . . . ( 6%) . . . . .	230.4
Primary consumption per capita (million Btu) . . . . .	207.0

**NET ENERGY CONSUMPTION AND EXPENDITURES**

Net Energy Consumption	Estimated Expenditures
(trillion Btu)	(billion dollars)

Total: . . . . .	2,882.5	. . . . .	\$72.2
By sector:			
Residential . . . . . (28%) . . . . .	805.6	. . . . . (28%) . . . . .	\$20.6
Commercial . . . . . (24%) . . . . .	699.1	. . . . . (27%) . . . . .	\$19.2
Industrial . . . . . (8%) . . . . .	215.2	. . . . . (5%) . . . . .	\$3.4
Transportation . . . . . (40%) . . . . .	1,162.6	. . . . . (40%) . . . . .	\$29.1
By fuel type:			
Petroleum . . . . . (51%) . . . . .	1,464.4	. . . . . (51%) . . . . .	\$36.8
Natural gas . . . . . (28%) . . . . .	806.3	. . . . . (16%) . . . . .	\$11.4
Electricity . . . . . (17%) . . . . .	491.5	. . . . . (33%) . . . . .	\$23.9
Biofuels <sup>1</sup> . . . . . ( 3%) . . . . .	118.4	. . . . .	
Coal . . . . . ( 1%) . . . . .	37.3	. . . . . (< 1%) . . . . .	\$0.1
Estimated energy expenditures leaving the state . . . . .			\$37.8

**AVERAGE ENERGY PRICES**

	<u>2008</u>	<u>2007</u>
Gasoline - all grades (gallon) . . . . .	\$3.28	\$2.78
Heating oil (gallon) . . . . .	\$3.85	\$2.78
Natural gas (thousand cubic feet)		
Residential . . . . .	\$16.75	\$15.51
Commercial . . . . .	\$12.91	\$11.74
Industrial . . . . .	\$12.97	\$11.35
Electricity (kilowatthour)		
Residential . . . . .	18.3¢	17.1¢
Commercial . . . . .	16.8¢	15.9¢
Industrial . . . . .	10.1¢	8.7¢

**GREENHOUSE GAS EMISSIONS FROM FUEL COMBUSTION**

Total (million tons of CO <sub>2</sub> equivalent) . . . . .	217.0
By sector:	
Residential . . . . . (18%) . . . . .	38.3
Commercial . . . . . (13%) . . . . .	28.0
Industrial . . . . . ( 8%) . . . . .	17.4
Transportation . . . . . (39%) . . . . .	84.6
Electric Generation . . . . . (22%) . . . . .	48.7
By fuel type:	
Petroleum . . . . . (55%)	
Natural gas . . . . . (33%)	
Coal . . . . . (12%)	
Greenhouse gas emissions per capita (tons of CO <sub>2</sub> equivalent) . . . . .	11.1

<sup>1</sup>Ethanol is included in the "Biofuel" totals, but is not included in the state total or biofuel percentages because it is already captured in motor gasoline use.

**ELECTRICITY**

*Sales decreased 3% from 2007*

Sales to ultimate consumers (gigawatthours) . . . . .	144,053
By sector:	
Residential . . . . . (34%) . . . . .	49,034
Commercial . . . . . (54%) . . . . .	77,416
Industrial . . . . . (10%) . . . . .	14,685
Transportation . . . . . ( 2%) . . . . .	2,918
Generation (gigawatthours) . . . . .	165,613
By fuel type:	
Natural Gas . . . . . (26%) . . . . .	43,856
Nuclear . . . . . (26%) . . . . .	43,209
Hydro . . . . . (17%) . . . . .	27,501
Net Imported Electricity . . . . . (14%) . . . . .	23,900
Coal . . . . . (12%) . . . . .	19,154
Petroleum . . . . . (2%) . . . . .	3,745
Other . . . . . (2%) . . . . .	2,996
Wind . . . . . (1%) . . . . .	1,251

**PETROLEUM**

*Consumption decreased 6% from 2007*

Consumption (4% of U.S. total) (million barrels) . . . . .	274.4
By sector:	
Residential . . . . . (12%) . . . . .	32.4
Commercial . . . . . ( 8%) . . . . .	20.7
Industrial . . . . . ( 2%) . . . . .	5.8
Transportation . . . . . (76%) . . . . .	209.0
Electric generation . . . . . ( 2%) . . . . .	6.5
Dependence on foreign oil . . . . .	91%
In-State production (thousand barrels) . . . . .	397.0

**NATURAL GAS**

*Consumption decreased 1% from 2007*

Consumption (5% of U.S. total) (billion cubic feet) . . . . .	1,172
By sector:	
Residential . . . . . (33%) . . . . .	393
Commercial . . . . . (25%) . . . . .	293
Industrial . . . . . ( 7%) . . . . .	83
Transportation . . . . . ( 2%) . . . . .	19
Electric generation . . . . . (33%) . . . . .	385
In-State production (billion cubic feet) . . . . .	50

**ADDITIONAL STATISTICS**

Population (6.4% of U.S. total) (million) . . . . .	19.5
Number of housing units (million) . . . . .	8.0
Gross State Product (billion 2000 dollars) . . . . .	\$964.8
Motor vehicle registrations (million) . . . . .	11.1
Vehicle miles of travel (billion miles) . . . . .	134.1
Heating degree days (virtually unchanged from 2007) . . . . .	5,793
Cooling degree days (decreased 4% from 2007) . . . . .	698

**DATA SOURCE**

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