

**2007
NEW YORK STATE
ENERGY FAST FACTS**

PRIMARY ENERGY CONSUMPTION

3.3% higher than 2006

Primary consumption (4.1% of U.S. total) (trillion Btu) 4,128.9

By sector:

Residential (17%)	687.1
Commercial (11%)	457.5
Industrial (4%)	170.7
Transportation (28%)	1,167.1
Electric Generation (40%)	1,646.5

By fuel type:

Petroleum (40%)	1,641.0
Natural gas (29%)	1,203.5
Nuclear (11%)	442.4
Coal (6%)	252.5
Hydro (6%)	264.1
Biofuels ¹ (3%)	212.7
Net imported electricity (5%)	192.9

Primary consumption per capita (million Btu) 214.0

NET ENERGY CONSUMPTION AND EXPENDITURES

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

Total: 2,987.9 \$64.9

By sector:

Residential (29%) 858.5 (29%)	\$19.1
Commercial (24%) 711.2 (27%)	\$17.4
Industrial (8%) 239.6 (5%)	\$3.4
Transportation (39%) 1,178.6 (39%)	\$24.9

By fuel type:

Petroleum (52%) 1,554.5 (49%)	\$31.8
Natural gas (27%) 796.9 (16%)	\$10.4
Electricity (17%) 505.6 (35%)	\$22.6
Biofuels ¹ (3%) 177.4	
Coal (1%) 33.8 (< 1%)	\$0.1

Estimated energy expenditures leaving the state \$34.6

AVERAGE ENERGY PRICES

	<u>2007</u>	<u>2006</u>
Gasoline - all grades (gallon)	\$2.93	\$2.55
Heating oil (gallon)	\$2.79	\$2.56
Natural gas (thousand cubic feet)		
Residential	\$15.49	\$15.38
Commercial	\$11.72	\$11.94
Industrial	\$11.33	\$10.59
Electricity (kilowatthour)		
Residential	17.1¢	16.9¢
Commercial	15.9¢	15.5¢
Industrial	8.7¢	9.4¢

GREENHOUSE GAS EMISSIONS FROM FUEL COMBUSTION

Total (million tons of CO₂ equivalent) 229.5

By sector:

Residential (18%)	41.4
Commercial (13%)	29.9
Industrial (8%)	17.5
Transportation (37%)	86.5
Electric Generation (24%)	54.1

By fuel type:

Petroleum (57%)
Natural gas (31%)
Coal (12%)

Greenhouse gas emissions per capita
(tons of CO₂ equivalent) 11.9

ELECTRICITY

Sales increased 4% from 2006

Sales to ultimate consumers (gigawatthours) 148,177

By sector:

Residential (34%)	50,241
Commercial (50%)	74,326
Industrial (14%)	20,213
Transportation (2%)	3,397

Generation (gigawatthours) 167,341

By fuel type:

Natural Gas (27%)	45,634
Nuclear (25%)	42,451
Hydro (15%)	25,557
Coal (13%)	21,406
Net Imported Electricity (12%)	20,391
Petroleum (5%)	8,195
Biofuels (excluding wind) (2%)	2,834
Wind (0.5%)	873

PETROLEUM

Consumption increased 3% from 2006

Consumption (4% of U.S. total) (million barrels) 298.0

By sector:

Residential (13%)	38.3
Commercial (9%)	25.6
Industrial (2%)	7.4
Transportation (71%)	212.7
Electric generation (5%)	13.9

Dependence on foreign oil 88%

In-State production (thousand barrels) 387.0

NATURAL GAS

Consumption increased 7% from 2006

Consumption (5% of U.S. total) (billion cubic feet) 1,174

By sector:

Residential (34%)	397
Commercial (24%)	284
Industrial (7%)	80
Transportation (1%)	15
Electric generation (34%)	398

In-State production (billion cubic feet) 55

ADDITIONAL STATISTICS

Population (6.4% of U.S. total) (million)	19.3
Number of housing units (million)	7.9
Gross State Product (billion 2000 dollars)	\$946.3
Motor vehicle registrations (million)	11.5
Vehicle miles of travel (billion miles)	136.7
Heating degree days (increased 14% from 2006)	5,931
Cooling degree days (decreased 1% from 2006)	728

DATA SOURCE

**NEW YORK STATE
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¹Ethanol 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.