

2018 NEW YORK STATE ENERGY FAST FACTS

PRIMARY ENERGY CONSUMPTION

5.1% higher than 2017

Primary consumption (4.2% of U.S. total) (trillion Btu).....	3,914.5
By sector:	
Residential..... (17.4%)	682.7
Commercial..... (10.6%)	413.7
Industrial..... (5.2%)	204.0
Transportation..... (30.6%).....	1,197.9
Electric Generation..... (36.2%).....	1,416.3

By fuel type:

Petroleum..... (35.6%)	1,394.7
Natural Gas..... (35.6%)	1,393.7
Nuclear..... (11.5%).....	448.7
Hydro..... (6.2%).....	240.8
Net Imported Electricity..... (5.5%).....	215.9
Other ¹ (5.2%).....	204.0
Coal..... (0.4%)	16.7

Primary consumption per capita (million Btu)..... 197.2

NET ENERGY CONSUMPTION AND EXPENDITURES

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

Total:.....3,009.8.....\$60.8

By sector:

Residential..... (28.6%)	860.6	(31.4%)	\$19.1
Commercial..... (22.4%)	675.5	(23.9%)	\$14.5
Industrial..... (8.8%)	265.7	(3.5%)	\$2.1
Transportation..... (40.1%)	1,207.9	(41.2%)	\$25.0

By fuel type:

Petroleum..... (45.8%)	1,380.0	(47.4%)	\$28.8
Natural Gas..... (32.1%)	965.7	(15.6%)	\$9.5
Electricity..... (17.0%)	511.6	(36.6%)	\$22.2
Other ¹ (4.7%)	142.9	(0.4%)	\$0.2
Coal..... (0.3%)	9.7	(0.1%)	<\$0.1

Estimated energy expenditures leaving the State (billions).....\$32.0

AVERAGE ENERGY PRICES

	2018	2017
Gasoline - all grades (gallon).....	\$2.76.....	\$2.42
Heating Oil (gallon).....	\$2.79.....	\$2.53
Natural Gas (thousand cubic feet)		
Residential.....	\$12.38	\$12.04
Commercial.....	\$7.37.....	\$ 6.87
Industrial.....	\$7.83	\$ 7.21
Electricity (kilowatt-hour)		
Residential.....	18.5¢.....	18.0¢
Commercial.....	14.5¢.....	14.8¢
Industrial.....	6.0¢.....	5.9¢

GREENHOUSE GAS EMISSIONS FROM FUEL COMBUSTION

Total (million metric tons of CO₂ equivalent).....177.1

By sector:

Residential..... (20.7%).....	36.7
Commercial..... (12.5%).....	22.2
Industrial..... (4.7%)	8.2
Transportation..... (43.5%).....	77.1
Electric Generation..... (18.5%)	32.8

By fuel type:

Petroleum..... (55.1%)	
Natural Gas..... (44.0%)	
Coal..... (0.9%)	

Greenhouse gas emissions per capita (metric tons of CO₂ equivalent).....9.1

¹Ethanol (48.8 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 increased 3.4% from 2017

Sales to ultimate consumers (gigawatt-hours)149,930

By sector:

Residential..... (34.8%).....	52,153
Commercial..... (51.2%).....	76,745
Industrial..... (12.1%).....	18,077
Transportation..... (2.0%).....	2,954

In-State Generation (gigawatt-hours).....135,585

By fuel type:

Nuclear..... (26.5%).....	43,003
Natural Gas..... (33.0%).....	53,593
Hydro..... (18.5%).....	29,856
Net Imported Electricity..... (16.5%).....	26,766
Coal..... (0.4%).....	692
Petroleum..... (1.0%).....	1,678
Other..... (1.7%).....	2,778
Wind..... (2.5%).....	3,985

PETROLEUM

Consumption increased 3.4% from 2017

Consumption (3.4% of U.S. total) (million barrels).....256.2

By sector:

Residential..... (9.8%).....	26.2
Commercial..... (4.0%).....	10.4
Industrial..... (5.4%).....	12.4
Transportation..... (79.7%).....	204.7
Electric Generation..... (1.1%).....	2.4

In-State production (thousand barrels).....221.0

NATURAL GAS

Consumption increased 9.1% from 2017

Consumption (4.5% of U.S. total) (billion cubic feet).....1,350.5

By sector:

Residential..... (36.0%).....	485.7
Commercial..... (24.5%).....	330.2
Industrial..... (6.8%).....	91.6
Transportation..... (2.0%).....	27.5
Electric Generation..... (30.7%).....	415.5

In-State production (billion cubic feet).....11.8

ADDITIONAL 2018 STATISTICS

Population (6.0% of U.S. total) (million).....	19.5
Number of housing units (million).....	8.4
Gross State Product (billion 2018 dollars).....	\$1,705.0
Motor vehicle registrations (million).....	11.5
Vehicle miles of travel (billion miles).....	123.2
Heating degree-days (increased 6.8% from 2017).....	6,183
Cooling degree-days (increased 35.0% from 2017).....	776

Note: Totals may not sum exactly due to rounding.

DATA SOURCE

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