2017 NEW YORK STATE ENERGY FAST FACTS

**PRIMARY ENERGY CONSUMPTION**

1.5% lower than 2016

Primary consumption (4.1% of U.S. total) (trillion Btu).............3,740.9

By sector:

- Residential........................................(15.8%) .591.6
- Commercial.........................................(10.4%) 390.8
- Industrial.........................................( 5.4%) 200.9
- Transportation....................................(31.6%) 1,180.7
- Electric Generation..............................(36.8%) 1,376.9

By fuel type:

- Petroleum.............................................(36.0%) 1,348.3
- Natural Gas...........................................(34.2%) 1,280.1
- Nuclear...............................................(11.8%) 441.0
- Hydro..................................................( 6.6%) 246.5
- Net Imported Electricity.........................( 5.8%) 216.7
- Other................................................(5.0%) 188.7
- Coal...................................................(0.9%) 19.6

Primary consumption per capita (million Btu)..............................193.1

**NET ENERGY CONSUMPTION AND EXPENDITURES**

Net Energy Consumption (trillion Btu).................................2,858.7

Estimated Expenditures (billion dollars)............................53.4

By sector:

- Residential........................................(26.6%) 759.1 (30.9%) 16.5
- Commercial.........................................(22.7%) 647.8 (26.2%) 14.0
- Industrial..........................................( 9.2%) 261.7 ( 2.5%) 1.3
- Transportation...................................(41.6%) 1,190.1 (40.4%) 21.6

By fuel type:

- Petroleum.............................................(47.0%) 1,342.8 (45.2%) 24.2
- Natural Gas...........................................(30.9%) 882.7 (15.5%) 8.3
- Electricity..........................................(17.3%) 494.7 (38.8%) 20.7
- Other.................................................( 4.4%) 125.2 ( 0.3%) 0.2
- Coal...................................................( 0.5%) 13.3 ( 0.1%) <0.1

Estimated energy expenditures leaving the State (billion dollars)$26.6

**AVERAGE ENERGY PRICES**

<table>
<thead>
<tr>
<th></th>
<th>2017</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gasoline - all grades (gallon)</td>
<td>$2.42</td>
<td>$2.18</td>
</tr>
<tr>
<td>Heating Oil (gallon)</td>
<td>$2.53</td>
<td>$2.28</td>
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<tr>
<td>Natural Gas (thousand cubic feet)</td>
<td>$12.04</td>
<td>$10.85</td>
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<tr>
<td>Commercial</td>
<td>$6.87</td>
<td>$6.19</td>
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<tr>
<td>Industrial</td>
<td>$7.21</td>
<td>$5.92</td>
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<tr>
<td>Electricity (kilowatt-hour)</td>
<td>18.0c</td>
<td>17.6c</td>
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<tr>
<td>Residential</td>
<td>14.8c</td>
<td>14.4c</td>
</tr>
<tr>
<td>Commercial</td>
<td>5.9c</td>
<td>6.0c</td>
</tr>
</tbody>
</table>

**GREENHOUSE GAS EMISSIONS FROM FUEL COMBUSTION**

Total (million metric tons of CO₂ equivalent)............................157.7

By sector:

- Residential........................................(20.1%) 31.7
- Commercial.........................................( 13.4%) 21.1
- Industrial.........................................( 5.1%)  8.1
- Transportation....................................(43.1%) 68.0
- Electric Generation..............................(18.2%) 28.8

By fuel type:

- Petroleum.............................................( 53.8%)
- Natural Gas....................................(45.0%)
- Coal...................................................( 1.2%)

Greenhouse gas emissions per capita (metric tons of CO₂ equivalent)..............................8.1

1Ethanol (47.9 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 1.9% from 2016

Sales to ultimate consumers (gigawatt-hours).............................144,992

By sector:

- Residential........................................(33.9%) 49,081
- Commercial.........................................(52.0%) 75,333
- Industrial.........................................(12.3%) 17,811
- Transportation....................................( 1.9%)  2,767

In-State Generation (gigawatt-hours).....................................131,183

By fuel type:

- Nuclear.................................................(27.0%) 42,175
- Natural Gas...........................................(32.1%) 50,270
- Hydro....................................................( 19.4%) 30,350
- Coal.....................................................(  0.4%)  567
- Petroleum.............................................(  0.4%)  636
- Other...................................................(  1.9%)  2,966
- Wind....................................................(  2.7%)  4,219

**PETROLEUM**

Consumption decreased 2.8% from 2016

Consumption (3.6% of U.S. total) (million barrels)....................247.6

By sector:

- Residential........................................( 8.0%) 20.6
- Commercial.........................................( 4.1%) 10.3
- Industrial...........................................( 5.7%) 12.7
- Transportation....................................(81.8%) 203.1
- Electric Generation................................(  0.4%)  0.9

In-State production (thousand barrels).................................184.0

**NATURAL GAS**

Consumption decreased 4.3% from 2016

Consumption (4.6% of U.S. total) (billion cubic feet)..................1,240.4

By sector:

- Residential........................................( 34.9%) 446.5
- Commercial.........................................(25.0%) 320.3
- Industrial..........................................(  6.7%)  85.7
- Transportation....................................( 2.4%)  30.3
- Electric Generation................................(31.0%) 397.4

In-State production (billion cubic feet).................................11.4

**ADDITIONAL 2017 STATISTICS**

- Population (6.1% of U.S. total) (million)..........................19.8
- Number of housing units (million).................................8.3
- Gross State Product (billion 2017 dollars)..........................$1,604.1
- Motor vehicle registrations (million).............................10.9
- Vehicle miles of travel (billion miles)............................123.7
- Heating degree-days (increased 2.6% from 2016)..............5,790
- Cooling degree-days (decreased 28.0% from 2016)............575

Note: Totals may not sum exactly due to rounding.

**DATA SOURCE**

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