

SECTION 2

NEW YORK STATE ENERGY PRICES

This section presents data on retail energy prices for 2000 through 2021. Average Statewide energy prices are provided by fuel type in real year 2000 dollars per physical unit. Prices are also provided by fuel type for the residential, commercial, industrial, transportation, and electric generation sectors.

New York State Average Fuel Prices Forecast in Real Dollars, 2000-2021

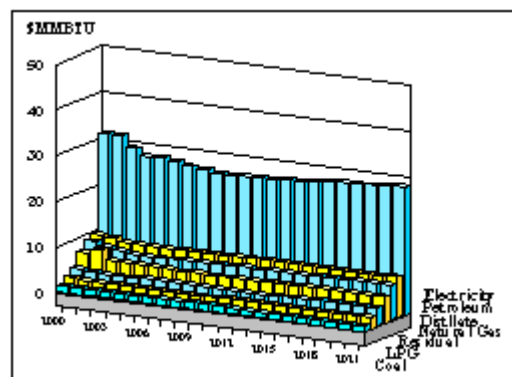


Table 2-1a (in physical units)(\$/2000)

| Year | Coal \$/ton | Natural Gas \$/dt | Distillate ¢/gal | Residual \$/bbl | Propane ¢/gal | Petroleum Products \$/bbl | Electricity ¢/kWh |
|-------------------------|----------------|----------------------|---------------------|--------------------|------------------|---------------------------------|----------------------|
| 2000 | 38.89 | 6.95 | 123.81 | 25.36 | 132.20 | 51.86 | 10.71 |
| 2001 | 37.36 | 7.90 | 112.14 | 24.04 | 122.10 | 50.04 | 10.73 |
| 2002 | 36.22 | 6.31 | 106.62 | 22.30 | 120.09 | 45.63 | 9.93 |
| 2003 | 36.20 | 6.45 | 100.06 | 23.36 | 131.77 | 45.45 | 9.41 |
| 2004 | 36.36 | 6.53 | 100.25 | 23.52 | 133.36 | 45.52 | 9.39 |
| 2005 | 36.33 | 6.54 | 100.43 | 23.60 | 132.54 | 45.52 | 9.24 |
| 2006 | 36.33 | 6.47 | 101.53 | 23.66 | 132.82 | 46.08 | 9.04 |
| 2007 | 36.11 | 6.42 | 103.09 | 23.75 | 133.13 | 46.34 | 8.90 |
| 2008 | 35.87 | 6.39 | 103.84 | 23.86 | 133.41 | 46.46 | 8.80 |
| 2009 | 35.70 | 6.35 | 105.26 | 23.97 | 133.72 | 46.81 | 8.79 |
| 2010 | 35.60 | 6.31 | 106.71 | 24.07 | 134.93 | 47.12 | 8.85 |
| 2011 | 35.58 | 6.30 | 106.90 | 24.14 | 135.18 | 47.19 | 8.92 |
| 2012 | 35.36 | 6.28 | 106.67 | 24.27 | 136.15 | 47.11 | 8.95 |
| 2013 | 35.13 | 6.27 | 108.14 | 24.41 | 135.71 | 47.38 | 9.03 |
| 2014 | 34.99 | 6.25 | 109.38 | 24.54 | 135.98 | 47.62 | 9.05 |
| 2015 | 34.74 | 6.24 | 109.64 | 24.68 | 135.68 | 47.59 | 9.23 |
| 2016 | 34.60 | 6.22 | 109.82 | 24.81 | 135.39 | 47.57 | 9.34 |
| 2017 | 34.31 | 6.21 | 108.77 | 24.94 | 135.08 | 47.34 | 9.38 |
| 2018 | 34.03 | 6.22 | 108.63 | 25.09 | 135.36 | 47.33 | 9.44 |
| 2019 | 33.81 | 6.21 | 108.82 | 25.26 | 135.66 | 47.36 | 9.52 |
| 2020 | 33.60 | 6.22 | 108.82 | 25.40 | 135.94 | 47.35 | 9.57 |
| 2021 | 33.40 | 6.23 | 108.82 | 25.54 | 136.21 | 47.33 | 9.62 |
| Total Growth | -14.27% | -10.38% | -12.10% | 0.68% | 3.04% | -8.71% | -10.13% |

Table 2-1b (in physical units)

High Economic Case

| Year | Coal \$/ton | Natural Gas \$/dt | Distillate ¢/gal | Residual \$/bbl | Propane ¢/gal | Petroleum Products \$/bbl | Electricity ¢/kWh |
|-------------------------|----------------|----------------------|---------------------|--------------------|------------------|---------------------------------|----------------------|
| 2000 | 38.89 | 6.95 | 123.81 | 25.36 | 132.20 | 51.85 | 10.71 |
| 2006 | 36.65 | 6.69 | 103.25 | 23.98 | 134.47 | 46.59 | 9.31 |
| 2011 | 36.11 | 6.83 | 110.76 | 24.76 | 138.94 | 48.31 | 9.31 |
| 2016 | 35.33 | 6.63 | 113.36 | 25.78 | 137.17 | 48.78 | 9.74 |
| 2021 | 34.75 | 6.65 | 113.68 | 26.80 | 139.09 | 49.37 | 10.08 |
| Total Growth | -11.15% | -4.29% | -8.18% | 5.67% | 5.21% | -4.79% | -5.89% |

Table 2-1c (in physical units)

Low Economic Case

| Year | Coal \$/ton | Natural Gas \$/dt | Distillate ¢/gal | Residual \$/bbl | Propane ¢/gal | Petroleum Products \$/bbl | Electricity ¢/kWh |
|-------------------------|----------------|----------------------|---------------------|--------------------|------------------|---------------------------------|----------------------|
| 2000 | 38.89 | 6.95 | 123.81 | 25.36 | 132.20 | 51.85 | 10.71 |
| 2006 | 36.10 | 6.32 | 99.84 | 23.25 | 131.55 | 45.58 | 8.92 |
| 2011 | 35.23 | 6.09 | 103.90 | 23.42 | 131.23 | 46.04 | 8.70 |
| 2016 | 34.15 | 5.91 | 104.06 | 23.75 | 128.69 | 45.71 | 9.04 |
| 2021 | 32.80 | 5.86 | 104.24 | 24.10 | 128.53 | 45.59 | 9.19 |
| Total Growth | -16.13% | -15.71% | -15.87% | -5.00% | -2.78% | -12.08% | -14.19% |

New York State Residential Energy Prices Forecast in Real Dollars, 2000-2021

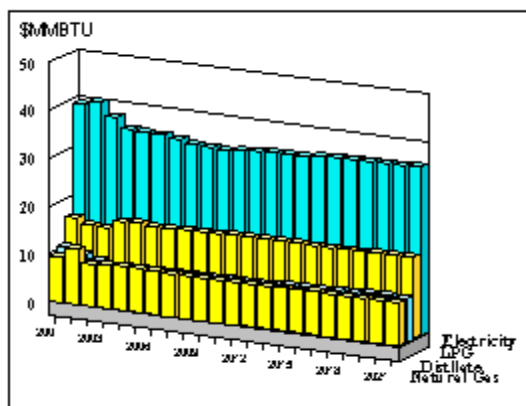


Table 2-2a (in physical units)/(\$/2000)

| Year | Natural Gas \$/dt | Distillate ¢/gal | Propane ¢/gal | Petroleum Products \$/BBL | Electricity ¢/kW |
|-------------------------|----------------------|---------------------|------------------|---------------------------------|---------------------|
| 2000 | 9.59 | 152.56 | 140.09 | 59.66 | 13.37 |
| 2001 | 11.73 | 136.13 | 130.08 | 55.65 | 13.73 |
| 2002 | 9.79 | 125.44 | 128.10 | 48.43 | 12.80 |
| 2003 | 10.01 | 115.67 | 142.40 | 46.67 | 12.08 |
| 2004 | 10.12 | 116.27 | 143.99 | 46.90 | 12.06 |
| 2005 | 10.10 | 116.57 | 143.17 | 46.95 | 11.96 |
| 2006 | 9.96 | 116.51 | 143.46 | 46.96 | 11.73 |
| 2007 | 9.85 | 116.02 | 143.76 | 46.81 | 11.55 |
| 2008 | 9.77 | 116.13 | 144.05 | 46.86 | 11.44 |
| 2009 | 9.66 | 118.49 | 144.35 | 47.70 | 11.47 |
| 2010 | 9.55 | 119.93 | 145.57 | 48.26 | 11.56 |
| 2011 | 9.50 | 120.18 | 145.82 | 48.30 | 11.65 |
| 2012 | 9.44 | 120.64 | 146.78 | 48.45 | 11.69 |
| 2013 | 9.38 | 123.12 | 146.35 | 49.23 | 11.75 |
| 2014 | 9.32 | 126.23 | 146.62 | 50.27 | 11.75 |
| 2015 | 9.27 | 126.55 | 146.32 | 50.33 | 11.87 |
| 2016 | 9.21 | 126.82 | 146.03 | 50.37 | 11.95 |
| 2017 | 9.16 | 127.10 | 145.73 | 50.41 | 11.96 |
| 2018 | 9.15 | 127.37 | 146.00 | 50.48 | 11.99 |
| 2019 | 9.14 | 127.67 | 146.30 | 50.55 | 12.03 |
| 2020 | 9.14 | 127.94 | 146.58 | 50.61 | 12.04 |
| 2021 | 9.14 | 128.22 | 146.86 | 50.68 | 12.06 |
| Total Growth | -4.71% | -15.96% | 4.83% | -15.06% | -9.78% |

Table 2-2b (in physical units)

High Economic Case

| Year | Natural Gas \$/dt | Distillate ¢/gal | Propane ¢/gal | Petroleum Products \$/BBL | Electricity ¢/kWh |
|-------------------------|----------------------|---------------------|------------------|---------------------------------|----------------------|
| 2000 | 9.59 | 152.56 | 140.09 | 59.66 | 13.37 |
| 2006 | 10.26 | 117.46 | 145.19 | 47.41 | 12.12 |
| 2011 | 10.07 | 121.28 | 149.59 | 49.06 | 12.23 |
| 2016 | 9.62 | 128.84 | 148.62 | 51.19 | 12.56 |
| 2021 | 9.54 | 131.10 | 150.50 | 51.82 | 12.78 |
| Total Growth | -0.55% | -14.07% | 7.43% | -13.14% | -4.45% |

Table 2-2c (in physical units)

Low Economic Case

| Year | Natural Gas \$/dt | Distillate ¢/gal | Propane ¢/gal | Petroleum Products \$/BBL | Electricity ¢/kWh |
|-------------------------|----------------------|---------------------|------------------|---------------------------------|----------------------|
| 2000 | 9.59 | 152.56 | 140.09 | 59.66 | 13.37 |
| 2006 | 9.78 | 114.93 | 142.27 | 46.43 | 11.56 |
| 2011 | 9.26 | 118.09 | 142.40 | 47.31 | 11.34 |
| 2016 | 8.87 | 123.09 | 140.28 | 48.65 | 11.50 |
| 2021 | 8.79 | 124.84 | 140.40 | 48.97 | 11.45 |
| Total Growth | -8.36% | -18.17% | 0.22% | -17.93% | -14.35% |

New York State Commercial Energy Prices Forecast in Real Dollars, 2000-2021

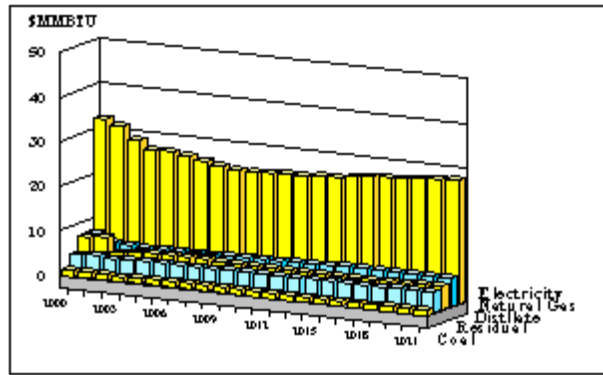


Table 2-3a (in physical units)(\$/2000)

| Year | Natural Gas \$/dt | Distillate ¢/gal | Residual \$/bbl | Petroleum Products \$/bbl | Electricity ¢/kWh |
|---------------------|----------------------|---------------------|--------------------|---------------------------------|----------------------|
| 2000 | 7.56 | 108.44 | 28.15 | 33.94 | 11.17 |
| 2001 | 8.03 | 89.22 | 28.64 | 32.54 | 10.77 |
| 2002 | 6.17 | 85.76 | 26.55 | 30.96 | 9.84 |
| 2003 | 6.45 | 81.59 | 27.59 | 30.20 | 9.27 |
| 2004 | 6.58 | 82.19 | 27.79 | 30.41 | 9.19 |
| 2005 | 6.56 | 82.50 | 27.89 | 30.49 | 8.94 |
| 2006 | 6.45 | 82.44 | 27.99 | 30.51 | 8.73 |
| 2007 | 6.35 | 81.95 | 28.11 | 30.40 | 8.56 |
| 2008 | 6.27 | 82.06 | 28.23 | 30.45 | 8.41 |
| 2009 | 6.14 | 84.44 | 28.37 | 31.08 | 8.38 |
| 2010 | 6.03 | 85.89 | 28.49 | 31.47 | 8.45 |
| 2011 | 5.99 | 86.14 | 28.57 | 31.53 | 8.52 |
| 2012 | 5.93 | 86.62 | 28.71 | 31.66 | 8.56 |
| 2013 | 5.87 | 89.11 | 28.84 | 32.30 | 8.66 |
| 2014 | 5.81 | 92.26 | 28.98 | 33.10 | 8.68 |
| 2015 | 5.77 | 92.58 | 29.12 | 33.18 | 8.91 |
| 2016 | 5.70 | 92.86 | 29.26 | 33.27 | 9.06 |
| 2017 | 5.64 | 93.13 | 29.40 | 33.37 | 9.12 |
| 2018 | 5.58 | 93.41 | 29.54 | 33.47 | 9.22 |
| 2019 | 5.52 | 93.71 | 29.72 | 33.58 | 9.32 |
| 2020 | 5.47 | 93.99 | 29.88 | 33.68 | 9.39 |
| 2021 | 5.43 | 94.26 | 30.03 | 33.78 | 9.46 |
| Total Growth | -28.23% | -13.07% | 6.67% | -0.48% | -15.35% |

Table 2-3b (in physical units) **High Economic Case**

| Year | Natural Gas \$/dt | Distillate ¢/gal | Residual \$/bbl | Petroleum Products \$/bbl | Electricity ¢/kWh |
|---------------------|----------------------|---------------------|--------------------|---------------------------------|----------------------|
| 2000 | 7.56 | 108.44 | 28.15 | 33.94 | 11.17 |
| 2006 | 6.66 | 83.41 | 28.33 | 30.87 | 9.01 |
| 2011 | 6.42 | 87.08 | 29.23 | 32.03 | 8.93 |
| 2016 | 6.01 | 94.92 | 30.30 | 34.01 | 9.49 |
| 2021 | 5.71 | 97.26 | 31.41 | 34.85 | 9.96 |
| Total Growth | -24.55% | -10.31% | 11.57% | 2.69% | -10.91% |

Table 2-3c (in physical units) **Low Economic Case**

| Year | Natural Gas \$/dt | Distillate ¢/gal | Residual \$/bbl | Petroleum Products \$/bbl | Electricity ¢/kWh |
|---------------------|----------------------|---------------------|--------------------|---------------------------------|----------------------|
| 2000 | 7.56 | 108.44 | 28.15 | 33.94 | 11.17 |
| 2006 | 6.31 | 84.03 | 28.43 | 30.99 | 8.87 |
| 2011 | 5.81 | 88.70 | 29.37 | 32.41 | 8.76 |
| 2016 | 5.45 | 97.64 | 30.46 | 34.86 | 9.37 |
| 2021 | 5.15 | 97.71 | 31.61 | 35.15 | 9.93 |
| Total Growth | -31.83% | -9.90% | 12.30% | 3.56% | -11.11% |

New York State Industrial Energy Prices Forecast in Real Dollars, 2000-2021

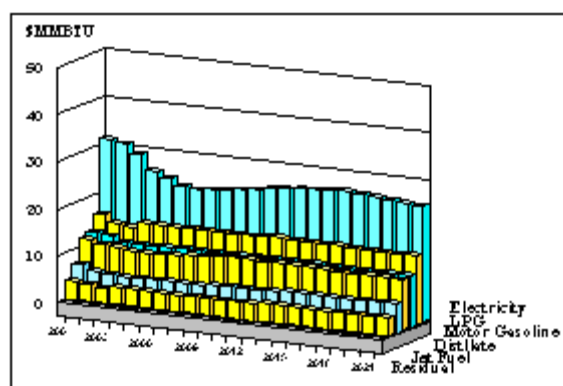


Table 2-4a (in physical units)(\$/2000)

| Year | Coal \$/Ton | Natural Gas \$/dt | Distillate ¢/gal | Residual \$/bbl | Propane ¢/gal | Petroleum Products \$/bbl | Electricity ¢/kWh |
|---------------------|----------------|----------------------|---------------------|--------------------|------------------|---------------------------------|----------------------|
| 2000 | 37.94 | 5.96 | 107.52 | 28.15 | 107.42 | 37.78 | 4.90 |
| 2001 | 39.04 | 6.33 | 83.70 | 33.23 | 96.98 | 31.19 | 4.94 |
| 2002 | 36.91 | 4.95 | 80.51 | 25.31 | 94.87 | 29.62 | 4.61 |
| 2003 | 36.60 | 4.95 | 77.41 | 26.25 | 98.37 | 30.24 | 4.54 |
| 2004 | 36.55 | 4.93 | 77.97 | 26.45 | 99.96 | 30.54 | 4.76 |
| 2005 | 36.48 | 4.97 | 78.25 | 26.55 | 99.14 | 30.61 | 4.80 |
| 2006 | 36.65 | 4.86 | 78.20 | 26.66 | 99.43 | 30.83 | 4.79 |
| 2007 | 36.31 | 4.87 | 77.74 | 26.78 | 99.74 | 32.15 | 4.82 |
| 2008 | 35.97 | 4.87 | 77.85 | 26.90 | 100.02 | 32.50 | 4.89 |
| 2009 | 35.85 | 4.93 | 80.05 | 27.03 | 100.33 | 33.23 | 4.90 |
| 2010 | 35.77 | 4.99 | 81.38 | 27.15 | 101.55 | 34.32 | 4.97 |
| 2011 | 35.31 | 5.01 | 81.62 | 27.24 | 101.80 | 34.83 | 5.02 |
| 2012 | 35.18 | 5.03 | 82.05 | 27.37 | 102.77 | 35.15 | 5.06 |
| 2013 | 35.11 | 5.08 | 84.36 | 27.51 | 102.33 | 35.68 | 5.14 |
| 2014 | 34.91 | 5.10 | 87.26 | 27.65 | 102.61 | 36.17 | 5.17 |
| 2015 | 34.74 | 5.13 | 87.56 | 27.79 | 102.30 | 36.27 | 5.32 |
| 2016 | 34.62 | 5.16 | 87.82 | 27.93 | 102.02 | 36.46 | 5.40 |
| 2017 | 34.37 | 5.19 | 88.07 | 28.07 | 101.71 | 35.98 | 5.44 |
| 2018 | 34.20 | 5.23 | 88.33 | 28.21 | 101.99 | 36.39 | 5.50 |
| 2019 | 33.91 | 5.27 | 88.60 | 28.39 | 102.29 | 36.44 | 5.58 |
| 2020 | 33.67 | 5.31 | 88.86 | 28.54 | 102.57 | 36.25 | 5.64 |
| 2021 | 33.43 | 5.35 | 89.11 | 28.69 | 102.85 | 36.07 | 5.70 |
| Total Growth | -11.89% | -10.26% | -17.12% | 1.94% | -4.26% | -4.55% | 16.34% |

Table 2-4b (in physical units) High Economic Case

| Year | Coal \$/Ton | Natural Gas \$/dt | Distillate ¢/gal | Residual \$/bbl | Propane ¢/gal | Petroleum Products \$/bbl | Electricity ¢/kWh |
|---------------------|----------------|----------------------|---------------------|--------------------|------------------|---------------------------------|----------------------|
| 2000 | 37.94 | 5.96 | 107.52 | 28.15 | 107.42 | 37.78 | 4.90 |
| 2006 | 36.81 | 5.02 | 79.11 | 27.55 | 100.63 | 31.19 | 4.95 |
| 2011 | 35.56 | 5.25 | 82.50 | 29.20 | 104.15 | 35.39 | 5.32 |
| 2016 | 35.09 | 5.40 | 89.76 | 29.45 | 105.61 | 37.26 | 5.71 |
| 2021 | 34.40 | 5.63 | 91.94 | 30.21 | 107.57 | 37.22 | 6.07 |
| Total Growth | -9.33% | -5.55% | -14.49% | 7.32% | 0.14% | -1.50% | 23.74% |

Table 2-4c (in physical units) Low Economic Case

| Year | Coal \$/Ton | Natural Gas \$/dt | Distillate ¢/gal | Residual \$/bbl | Propane ¢/gal | Petroleum Products \$/bbl | Electricity ¢/kWh |
|---------------------|----------------|----------------------|---------------------|--------------------|------------------|---------------------------------|----------------------|
| 2000 | 37.94 | 5.96 | 107.52 | 28.15 | 107.42 | 37.78 | 4.90 |
| 2006 | 36.37 | 4.69 | 76.76 | 26.22 | 98.16 | 30.34 | 4.70 |
| 2011 | 34.86 | 4.77 | 78.58 | 26.54 | 98.14 | 33.63 | 4.87 |
| 2016 | 34.02 | 4.81 | 82.07 | 26.82 | 96.04 | 34.27 | 5.19 |
| 2021 | 32.91 | 4.90 | 85.48 | 27.20 | 95.68 | 34.04 | 5.39 |
| Total Growth | -13.26% | -17.77% | -20.50% | -3.37% | -10.93% | -9.90% | 9.91% |

New York State Transportation Fuel Prices Forecast in Real Dollars, 2000-2021

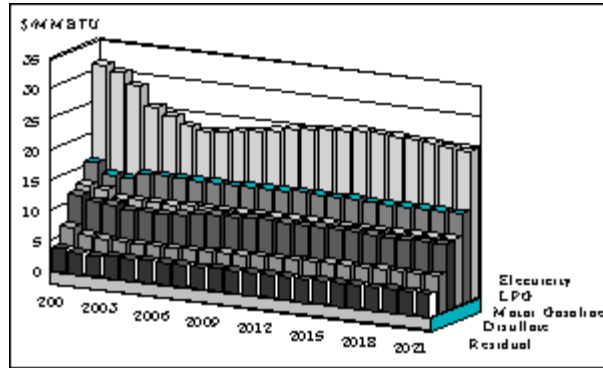


Table 2-5a (in physical units)(\$/2000)

| Year | Motor Gasoline \$/gal | Distillate ¢/gal | Jet Fuels ¢/gal | Residual \$/bbl | Propane ¢/gal | Petroleum Products \$/bbl | Electricity ¢/kWh |
|---------------------|--------------------------|---------------------|--------------------|--------------------|------------------|------------------------------|----------------------|
| 2000 | 1.59 | 160.87 | 94.22 | 24.90 | 137.55 | 57.42 | 10.76 |
| 2001 | 1.54 | 152.72 | 80.64 | 23.47 | 122.39 | 56.29 | 10.45 |
| 2002 | 1.39 | 150.71 | 77.26 | 21.51 | 120.26 | 51.50 | 9.83 |
| 2003 | 1.41 | 144.04 | 75.52 | 23.30 | 129.39 | 51.58 | 8.73 |
| 2004 | 1.41 | 143.68 | 75.86 | 23.49 | 130.68 | 51.58 | 8.36 |
| 2005 | 1.40 | 143.76 | 76.24 | 23.57 | 129.53 | 51.56 | 7.93 |
| 2006 | 1.43 | 147.42 | 75.84 | 23.66 | 129.51 | 52.40 | 7.75 |
| 2007 | 1.43 | 153.27 | 76.41 | 23.77 | 129.52 | 52.79 | 7.85 |
| 2008 | 1.42 | 155.50 | 76.60 | 23.88 | 129.54 | 52.92 | 7.97 |
| 2009 | 1.43 | 156.28 | 78.97 | 24.00 | 129.59 | 53.15 | 8.12 |
| 2010 | 1.43 | 158.64 | 80.57 | 24.11 | 130.57 | 53.39 | 8.29 |
| 2011 | 1.43 | 158.86 | 81.95 | 24.17 | 130.57 | 53.46 | 8.45 |
| 2012 | 1.42 | 157.35 | 82.11 | 24.30 | 131.29 | 53.26 | 8.57 |
| 2013 | 1.42 | 158.11 | 83.66 | 24.43 | 130.58 | 53.36 | 8.70 |
| 2014 | 1.42 | 157.08 | 85.16 | 24.57 | 130.60 | 53.36 | 8.78 |
| 2015 | 1.41 | 157.40 | 86.01 | 24.70 | 130.04 | 53.26 | 8.87 |
| 2016 | 1.41 | 157.53 | 85.95 | 24.84 | 129.50 | 53.19 | 8.85 |
| 2017 | 1.41 | 153.69 | 85.73 | 24.97 | 128.93 | 52.81 | 8.76 |
| 2018 | 1.41 | 152.81 | 85.90 | 25.10 | 128.95 | 52.73 | 8.71 |
| 2019 | 1.41 | 152.92 | 86.09 | 25.28 | 128.97 | 52.72 | 8.62 |
| 2020 | 1.41 | 152.49 | 86.26 | 25.43 | 128.96 | 52.67 | 8.52 |
| 2021 | 1.41 | 152.06 | 86.43 | 25.57 | 128.96 | 52.61 | 8.42 |
| Total Growth | -11.42% | -5.47% | -8.27% | 2.71% | -6.25% | -8.38 % | -21.76% |

Table 2-5b (in physical units) High Economic Case

| Year | Motor Gasoline \$/gal | Distillate ¢/gal | Jet Fuels ¢/gal | Residual \$/bbl | Propane ¢/gal | Petroleum Products \$/bbl | Electricity ¢/kWh |
|---------------------|--------------------------|---------------------|--------------------|--------------------|------------------|------------------------------|----------------------|
| 2000 | 1.59 | 160.87 | 94.22 | 24.90 | 137.55 | 57.42 | 10.76 |
| 2006 | 1.44 | 150.22 | 77.20 | 23.95 | 131.63 | 53.08 | 7.97 |
| 2011 | 1.46 | 165.55 | 84.69 | 24.76 | 134.65 | 54.91 | 8.82 |
| 2016 | 1.45 | 162.91 | 88.35 | 25.79 | 132.60 | 54.73 | 9.23 |
| 2021 | 1.48 | 159.39 | 89.64 | 26.85 | 133.30 | 55.18 | 8.77 |
| Total Growth | -6.66% | -0.92% | -4.87% | 7.82% | -3.10% | -3.90% | -18.54% |

Table 2-5c (in physical units) Low Economic case

| Year | Motor Gasoline \$/gal | Distillate ¢/gal | Jet Fuels ¢/gal | Residual \$/bbl | Propane ¢/gal | Petroleum Products \$/bbl | Electricity ¢/kWh |
|---------------------|--------------------------|---------------------|--------------------|--------------------|------------------|------------------------------|----------------------|
| 2000 | 1.59 | 160.87 | 94.22 | 24.90 | 137.55 | 57.42 | 10.76 |
| 2006 | 1.41 | 144.86 | 74.46 | 23.26 | 128.14 | 51.78 | 7.66 |
| 2011 | 1.39 | 154.40 | 78.87 | 23.45 | 126.93 | 52.14 | 8.26 |
| 2016 | 1.37 | 149.32 | 79.84 | 23.78 | 124.08 | 51.24 | 8.59 |
| 2021 | 1.36 | 145.74 | 81.93 | 24.17 | 123.15 | 50.75 | 8.06 |
| Total Growth | -14.33% | -9.41% | -13.05% | -2.92% | -10.47% | -11.62% | -25.14% |

New York State Electric Generation Fuel Prices Forecast in Real Dollars, 2000-2021

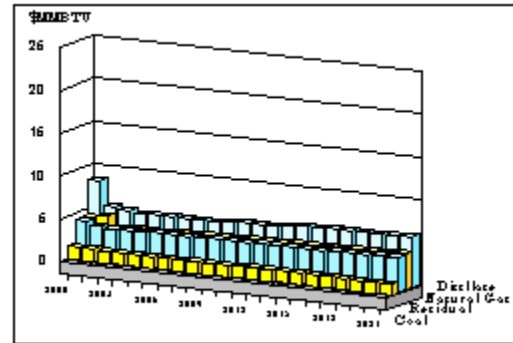


Table 2-6a (in physical units)(\$/2000)

| Year | Coal \$/ton | Natural Gas \$/dt | Distillate ¢/gal | Residual \$/bbl | Petroleum Products \$/bbl |
|---------------------|----------------|----------------------|---------------------|--------------------|---------------------------------|
| 2000 | 39.11 | 4.39 | 118.20 | 27.19 | 23.91 |
| 2001 | 37.03 | 4.73 | 78.64 | 24.82 | 21.29 |
| 2002 | 36.13 | 3.58 | 75.02 | 23.15 | 19.90 |
| 2003 | 36.18 | 3.62 | 71.30 | 24.03 | 20.46 |
| 2004 | 36.40 | 3.66 | 71.90 | 24.18 | 20.59 |
| 2005 | 36.37 | 3.70 | 72.21 | 24.25 | 20.66 |
| 2006 | 36.33 | 3.74 | 72.15 | 24.28 | 20.68 |
| 2007 | 36.14 | 3.77 | 71.66 | 24.37 | 20.73 |
| 2008 | 35.93 | 3.81 | 71.77 | 24.47 | 20.81 |
| 2009 | 35.74 | 3.85 | 74.12 | 24.58 | 20.97 |
| 2010 | 35.63 | 3.89 | 75.55 | 24.69 | 21.09 |
| 2011 | 35.73 | 3.93 | 75.80 | 24.77 | 21.16 |
| 2012 | 35.48 | 3.97 | 76.27 | 24.90 | 21.27 |
| 2013 | 35.21 | 4.01 | 78.73 | 25.07 | 21.48 |
| 2014 | 35.08 | 4.05 | 81.84 | 25.21 | 21.68 |
| 2015 | 34.82 | 4.09 | 82.16 | 25.37 | 21.81 |
| 2016 | 34.67 | 4.13 | 82.43 | 25.50 | 21.92 |
| 2017 | 34.38 | 4.16 | 82.70 | 25.63 | 22.03 |
| 2018 | 34.07 | 4.20 | 82.98 | 25.82 | 22.18 |
| 2019 | 33.86 | 4.24 | 83.27 | 26.00 | 22.32 |
| 2020 | 33.66 | 4.28 | 83.55 | 26.14 | 22.44 |
| 2021 | 33.46 | 4.32 | 83.82 | 26.29 | 22.57 |
| Total Growth | -14.44% | -1.70% | -29.09% | -3.30% | -5.60% |

Table 2-6b (in physical units) **High Economic Case**

| Year | Coal \$/ton | Natural Gas \$/dt | Distillate ¢/gal | Residual \$/bbl | Petroleum Products \$/bbl |
|---------------------|----------------|----------------------|---------------------|--------------------|---------------------------------|
| 2000 | 39.11 | 4.39 | 118.20 | 27.19 | 23.91 |
| 2006 | 36.65 | 3.93 | 73.04 | 24.65 | 20.89 |
| 2011 | 36.26 | 4.40 | 76.71 | 25.51 | 21.70 |
| 2016 | 35.39 | 4.50 | 84.95 | 26.62 | 22.39 |
| 2021 | 34.81 | 4.70 | 83.65 | 27.69 | 24.15 |
| Total Growth | -10.56% | 6.92% | -29.28% | 1.80% | 1.02% |

Table 2-6c (in physical units) **Low Economic Case**

| Year | Coal \$/ton | Natural Gas \$/dt | Distillate ¢/gal | Residual \$/bbl | Petroleum Products \$/bbl |
|---------------------|----------------|----------------------|---------------------|--------------------|---------------------------------|
| 2000 | 39.11 | 4.40 | 118.20 | 27.19 | 23.91 |
| 2006 | 36.13 | 3.60 | 70.73 | 23.89 | 20.45 |
| 2011 | 35.43 | 3.73 | 72.99 | 23.94 | 20.58 |
| 2016 | 34.27 | 3.84 | 75.40 | 24.31 | 21.06 |
| 2021 | 32.90 | 3.98 | 77.03 | 24.67 | 22.30 |
| Total Growth | -15.56% | -9.55% | -34.85% | -9.33% | -6.72% |

