

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

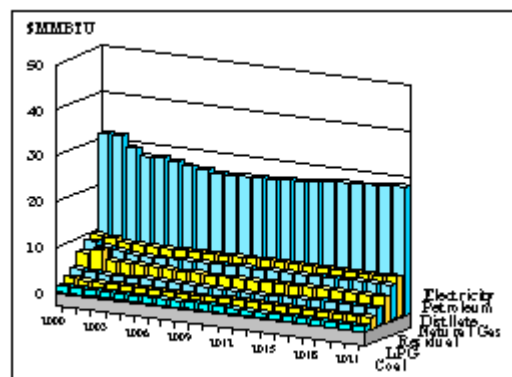


Table 2-1a (in physical units)(\$/2000)

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

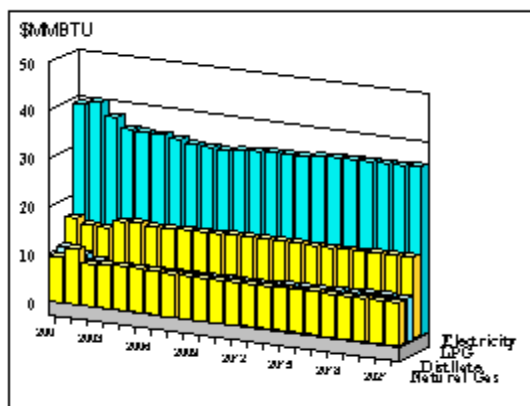


Table 2-2a (in physical units)/(\$/2000)

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

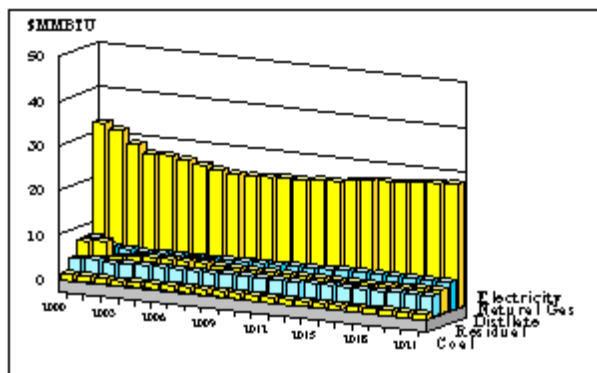


Table 2-3a (in physical units)(\$/2000)

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

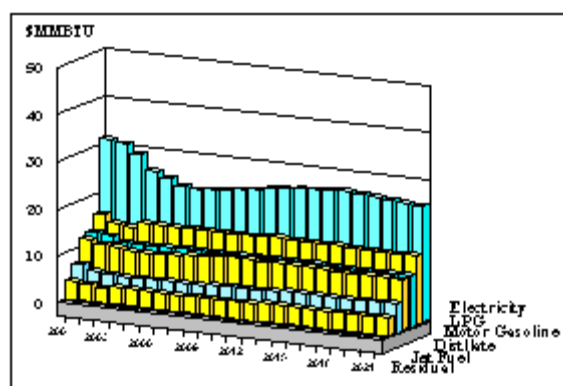


Table 2-4a (in physical units)(\$/2000)

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

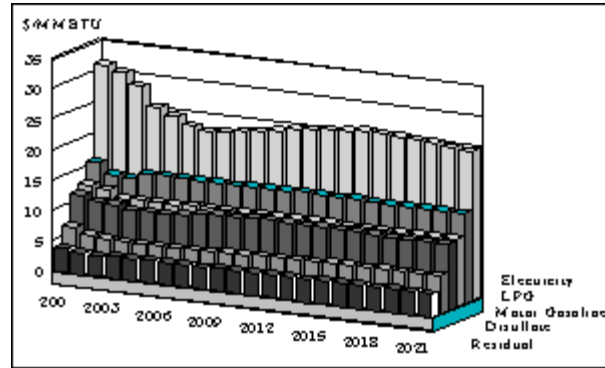


Table 2-5a (in physical units)(\$/2000)

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

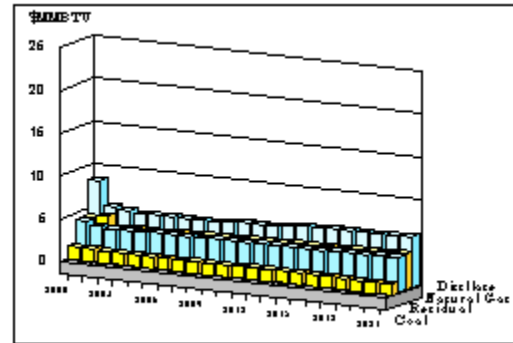


Table 2-6a (in physical units)(\$/2000)

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%