

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

01/21/2025

[illegible]

ALBANY___2 23572	159.36 4.20 0.00	162.19 4.06 0.00	175.11 4.59 0.00	178.91 4.63 0.00	187.90 5.03 0.00	167.97 5.31 0.00	201.77 6.03 0.00	275.67 6.39 0.00	222.40 6.75 0.00	199.58 6.88 0.00	235.98 6.08 0.00	220.41 5.72 0.00	199.03 6.61 0.00	179.24 6.57 0.00	168.16 5.34 0.00	192.19 5.18 0.00	202.62 3.14 0.00	516.81 5.34 0.00	236.31 1.25 0.00	179.07 1.92 0.00	180.29 2.02 0.00	185.18 3.50 0.00	190.00 4.68 0.00	194.78 4.11 0.00
ALBANY___3 23573	159.36 4.20 0.00	162.19 4.06 0.00	175.11 4.59 0.00	178.91 4.63 0.00	187.90 5.03 0.00	167.97 5.31 0.00	201.77 6.03 0.00	275.67 6.39 0.00	222.40 6.75 0.00	199.58 6.88 0.00	235.98 6.08 0.00	220.41 5.72 0.00	199.03 6.61 0.00	179.24 6.57 0.00	168.16 5.34 0.00	192.19 5.18 0.00	202.62 3.14 0.00	516.81 5.34 0.00	236.31 1.25 0.00	179.07 1.92 0.00	180.29 2.02 0.00	185.18 3.50 0.00	190.00 4.68 0.00	194.78 4.11 0.00
ALBANY___4 23574	159.36 4.20 0.00	162.19 4.06 0.00	175.11 4.59 0.00	178.91 4.63 0.00	187.90 5.03 0.00	167.97 5.31 0.00	201.77 6.03 0.00	275.67 6.39 0.00	222.40 6.75 0.00	199.58 6.88 0.00	235.98 6.08 0.00	220.41 5.72 0.00	199.03 6.61 0.00	179.24 6.57 0.00	168.16 5.34 0.00	192.19 5.18 0.00	202.62 3.14 0.00	516.81 5.34 0.00	236.31 1.25 0.00	179.07 1.92 0.00	180.29 2.02 0.00	185.18 3.50 0.00	190.00 4.68 0.00	194.78 4.11 0.00
ALBANY___LFGE 323615	160.68 5.52 0.00	163.55 5.42 0.00	176.57 6.05 0.00	180.34 6.07 0.00	189.42 6.55 0.00	169.43 6.76 0.00	203.68 7.94 0.00	278.58 9.30 0.00	224.60 8.95 0.00	201.50 8.79 0.00	238.39 8.49 0.00	222.67 7.98 0.00	200.97 8.55 0.00	181.05 8.38 0.00	169.99 7.17 0.00	194.40 7.40 0.00	205.18 5.70 0.00	523.79 12.32 0.00	239.60 4.54 0.00	181.40 4.24 0.00	182.63 4.36 0.00	187.42 5.73 0.00	191.86 6.55 0.00	196.66 5.99 0.00
ALCOA_PA_115KV_PL-6C 55860	156.76 1.60 0.00	159.72 1.60 0.00	172.03 1.51 0.00	175.91 1.64 0.00	184.06 1.19 0.00	162.65 -0.01 0.00	195.69 -0.05 0.00	271.06 1.77 0.00	216.05 0.39 0.00	191.77 -0.94 0.00	231.30 1.40 0.00	215.20 0.51 0.00	191.21 -1.22 0.00	170.30 -2.37 0.00	160.87 -1.95 0.00	185.54 -1.46 0.00	200.15 0.68 0.00	516.82 5.34 0.00	238.36 3.30 0.00	178.13 0.97 0.00	179.09 0.82 0.00	182.50 0.81 0.00	187.48 2.16 0.00	193.63 2.95 0.00
ALCOA_RYNLDS___DRP 24188	156.76 1.60 0.00	159.72 1.60 0.00	172.03 1.51 0.00	175.91 1.64 0.00	184.06 1.19 0.00	162.65 -0.01 0.00	195.69 -0.05 0.00	271.06 1.77 0.00	216.05 0.39 0.00	191.77 -0.94 0.00	231.30 1.40 0.00	215.20 0.51 0.00	191.21 -1.22 0.00	170.30 -2.37 0.00	160.87 -1.95 0.00	185.54 -1.46 0.00	200.15 0.68 0.00	516.82 5.34 0.00	238.36 3.30 0.00	178.13 0.97 0.00	179.09 0.82 0.00	182.50 0.81 0.00	187.48 2.16 0.00	193.63 2.95 0.00
ALCOA___DSASP 323711	156.76 1.61 0.00	159.72 1.60 0.00	172.03 1.50 0.00	175.91 1.64 0.00	184.06 1.20 0.00	162.65 -0.01 0.00	195.69 -0.05 0.00	271.06 1.77 0.00	216.05 0.40 0.00	191.77 -0.93 0.00	231.30 1.40 0.00	215.20 0.51 0.00	191.21 -1.21 0.00	170.30 -2.37 0.00	160.87 -1.95 0.00	185.56 -1.44 0.00	200.15 0.68 0.00	516.82 5.34 0.00	238.36 3.30 0.00	178.13 0.97 0.00	179.09 0.82 0.00	182.50 0.81 0.00	187.49 2.17 0.00	193.62 2.95 0.00
ALLEGHENY___COGEN 23514	153.85 -1.31 0.00	157.95 -0.17 0.00	170.59 0.07 0.00	174.65 0.38 0.00	183.86 0.99 0.00	160.79 -1.87 0.00	182.86 -12.88 0.00	256.03 -13.25 0.00	205.19 -10.46 0.00	181.18 -11.52 0.00	219.00 -10.89 0.00	200.69 -13.99 0.00	177.93 -14.49 0.00	162.64 -14.34 -4.31	193.85 -12.28 -43.31	190.74 -12.82 -16.55	191.95 -11.86 -4.33	495.12 -16.35 0.00	228.75 -6.32 0.00	171.82 -5.34 0.00	222.38 6.28 -37.84	282.24 2.31 -98.24	186.82 1.50 0.00	194.07 3.39 0.00
ALTAMONT_115KV_TB 2 55880	159.87 4.71 0.00	162.72 4.59 0.00	175.71 5.19 0.00	179.50 5.23 0.00	188.54 5.67 0.00	168.38 5.72 0.00	202.53 6.79 0.00	277.56 8.28 0.00	223.12 7.46 0.00	199.95 7.25 0.00	237.01 7.11 0.00	221.37 6.68 0.00	199.66 7.23 0.00	179.95 7.28 0.00	169.45 6.63 0.00	193.88 6.88 0.00	205.32 5.85 0.00	524.44 12.97 0.00	240.24 5.18 0.00	181.88 4.72 0.00	183.14 4.87 0.00	187.35 5.66 0.00	190.91 5.59 0.00	195.90 5.22 0.00
ALTONA_WT_PWR 323606	155.62 0.46 0.00	157.20 -0.93 0.00	169.27 -1.25 0.00	173.07 -1.20 0.00	180.88 -1.99 0.00	161.21 -1.45 0.00	194.94 -0.80 0.00	269.78 0.49 0.00	215.99 0.33 0.00	192.33 -0.37 0.00	229.77 -0.13 0.00	213.51 -1.18 0.00	190.08 -2.34 0.00	169.33 -3.33 0.00	160.35 -2.48 0.00	185.21 -1.79 0.00	200.19 0.72 0.00	519.12 7.65 0.00	238.95 3.88 0.00	178.63 1.47 0.00	179.75 1.48 0.00	182.54 0.86 0.00	186.44 1.12 0.00	192.36 1.68 0.00
AMERICAN_REF_FUEL 24010	137.28 -17.88 0.00	141.37 -16.76 0.00	152.20 -18.32 0.00	155.34 -18.94 0.00	163.34 -19.53 0.00	147.00 -15.66 0.00	172.98 -22.76 0.00	239.93 -29.36 0.00	193.67 -21.98 0.00	172.15 -20.55 0.00	207.03 -22.87 0.00	192.42 -22.26 0.00	172.18 -20.25 0.00	151.43 -20.24 1.00	132.53 -20.26 10.03	159.23 -23.99 3.78	172.85 -25.65 0.98	456.17 -55.31 0.00	210.07 -24.99 0.00	155.66 -21.49 0.00	148.37 -21.16 8.74	135.79 -23.57 22.32	162.57 -22.75 0.00	171.33 -19.34 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	139.83 -15.33 0.00	144.42 -13.70 0.00	156.16 -14.36 0.00	159.94 -14.33 0.00	169.02 -13.84 0.00	152.35 -10.31 0.00	181.90 -13.84 0.00	253.75 -15.53 0.00	203.80 -11.85 0.00	179.50 -13.20 0.00	215.04 -14.86 0.00	199.75 -14.94 0.00	176.97 -15.46 0.00	156.18 -15.42 1.07	137.44 -14.65 10.72	165.75 -17.15 4.10	181.13 -17.27 1.07	478.79 -32.68 0.00	220.86 -14.21 0.00	162.12 -15.04 0.00	153.46 -15.46 9.35	140.41 -16.95 24.32	170.10 -15.22 0.00	178.73 -11.95 0.00
ARTHUR KILL_GT_1 23520	403.55 11.62 -236.76	376.88 10.80 -207.95	355.25 10.50 -174.23	314.67 10.48 -129.91	314.74 11.57 -120.30	320.53 12.44 -145.44	598.05 14.78 -387.53	1005.79 18.37 -718.14	865.56 15.80 -634.11	1061.43 15.15 -853.57	1014.20 14.83 -769.47	826.04 16.03 -595.32	756.67 17.55 -546.69	802.24 17.63 -611.94	744.03 16.13 -565.09	1353.27 18.53 -1147.73	573.21 16.99 -356.75	518.74 38.19 30.93	328.04 16.55 -76.43	279.88 14.69 -88.03	507.29 14.16 -314.87	567.12 14.48 -370.96	676.59 13.95 -477.33	412.61 12.63 -209.31
ARTHUR_KILL_2 23512	403.01 11.09 -236.76	376.36 10.29 -207.95	354.68 9.92 -174.23	314.13 9.94 -129.91	314.16 10.99 -120.30	320.02 11.92 -145.44	597.37 14.11 -387.53	1004.81 17.39 -718.14	864.70 14.93 -634.11	1060.72 14.45 -853.57	1013.37 14.01 -769.47	825.25 15.24 -595.32	756.02 16.90 -546.69	801.58 16.97 -611.94	743.43 15.52 -565.09	1352.54 17.80 -1147.73	572.46 16.24 -356.75	516.73 36.18 30.93	327.14 15.65 -76.43	279.18 14.00 -88.03	506.65 13.52 -314.87	566.48 13.83 -370.96	675.95 13.30 -477.33	411.97 11.99 -209.31
ARTHUR_KILL_3 23513	410.27 8.89 -246.22	382.03 7.94 -215.96	355.23 7.28 -177.44	311.51 7.32 -129.92	311.51 8.33 -120.31	317.56 9.46 -145.44	599.18 11.44 -392.00	1003.15 13.85 -720.01	862.08 12.31 -634.11	1059.22 12.94 -853.58	1017.74 11.87 -775.97	826.46 13.15 -598.63	779.23 14.72 -572.09	827.11 15.08 -639.37	757.53 14.20 -580.50	1395.22 15.55 -1192.66	598.11 14.49 -384.14	-694.48 31.38 1237.33	-1161.60 13.32 1409.97	-1166.69 12.08 1355.92	-925.25 11.90 1115.42	-782.87 12.47 977.02	692.57 11.38 -495.87	418.08 9.97 -217.43

ARTHUR_KILL_COGEN 323718	403.55 11.62 -236.76	376.88 10.80 -207.95	355.25 10.50 -174.23	314.67 10.48 -129.91	314.74 11.57 -120.30	320.53 12.44 -145.44	598.05 14.78 -387.53	1005.79 18.37 -718.14	865.56 15.80 -634.11	1061.43 15.15 -853.57	1014.20 14.83 -769.47	826.04 16.03 -595.32	756.67 17.55 -546.69	802.24 17.63 -611.94	744.03 16.13 -565.09	1353.27 18.53 -1147.73	573.21 16.99 -356.75	518.74 38.19 30.93	328.04 16.55 -76.43	279.88 14.69 -88.03	507.29 14.16 -314.87	567.12 14.48 -370.96	676.59 14.95 -477.33	412.61 12.63 -209.31
ASHOKAN____ 23654	166.35 11.19 0.00	169.07 10.94 0.00	182.29 11.77 0.00	186.39 12.12 0.00	196.16 13.29 0.00	176.21 13.56 0.00	212.66 16.92 0.00	291.18 21.89 0.00	234.36 18.71 0.00	210.33 17.63 0.00	248.20 18.30 0.00	231.39 16.71 0.00	208.63 16.21 0.00	187.77 15.10 0.00	177.08 14.26 0.00	202.98 15.98 0.00	214.78 15.30 0.00	550.19 38.72 0.00	252.38 17.32 0.00	191.30 14.15 0.00	192.19 13.92 0.00	196.16 14.48 0.00	199.34 14.02 0.00	203.90 13.22 0.00
ASTORIA_EAST_ENERGY_CC1 323581	165.51 10.35 0.00	167.26 9.13 0.00	178.93 8.41 0.00	182.87 8.59 0.00	192.48 9.61 0.00	173.36 10.70 0.00	208.87 13.13 0.00	285.97 16.68 0.00	230.66 15.01 0.00	207.51 14.81 0.00	243.47 13.57 0.00	229.55 14.86 0.00	209.58 16.79 -0.36	189.11 16.43 -0.01	177.90 15.07 0.00	203.90 16.90 0.00	214.77 15.29 0.00	554.57 35.20 -7.89	249.95 14.89 0.00	190.78 13.62 0.00	191.30 13.03 0.00	195.32 13.63 0.00	197.98 12.66 0.00	201.78 11.10 0.00
ASTORIA_EAST_ENERGY_CC2 323582	165.50 10.34 0.00	167.27 9.14 0.00	178.93 8.41 0.00	182.87 8.59 0.00	192.48 9.61 0.00	173.36 10.70 0.00	208.87 13.13 0.00	285.97 16.68 0.00	230.66 15.01 0.00	207.51 14.81 0.00	243.47 13.57 0.00	229.55 14.86 0.00	209.58 16.79 -0.36	189.11 16.43 -0.01	177.90 15.07 0.00	203.90 16.90 0.00	214.77 15.29 0.00	554.57 35.20 -7.89	249.95 14.89 0.00	190.78 13.62 0.00	191.30 13.03 0.00	195.32 13.63 0.00	197.98 12.66 0.00	201.78 11.10 0.00
ASTORIA_GT2_1 24094	165.61 10.44 0.00	167.24 9.11 0.00	179.02 8.50 0.00	182.95 8.68 0.00	192.58 9.71 0.00	173.46 10.80 0.00	208.98 13.24 0.00	286.15 16.86 0.00	230.74 15.09 0.00	207.58 14.88 0.00	243.59 13.69 0.00	229.68 15.00 0.00	209.69 16.90 -0.36	189.23 16.56 -0.01	178.04 15.22 0.00	204.00 16.99 0.00	214.88 15.40 0.00	555.25 35.88 -7.89	250.21 15.15 0.00	190.82 13.66 0.00	191.46 13.19 0.00	195.51 13.82 0.00	198.05 12.74 0.00	201.92 11.24 0.00
ASTORIA_GT2_2 24095	165.61 10.44 0.00	167.24 9.11 0.00	179.02 8.50 0.00	182.95 8.68 0.00	192.58 9.71 0.00	173.46 10.80 0.00	208.98 13.24 0.00	286.15 16.86 0.00	230.74 15.09 0.00	207.58 14.88 0.00	243.59 13.69 0.00	229.68 15.00 0.00	209.69 16.90 -0.36	189.23 16.56 -0.01	178.04 15.22 0.00	204.00 16.99 0.00	214.88 15.40 0.00	555.25 35.88 -7.89	250.21 15.15 0.00	190.82 13.66 0.00	191.46 13.19 0.00	195.51 13.82 0.00	198.05 12.74 0.00	201.92 11.24 0.00
ASTORIA_GT2_3 24096	165.61 10.44 0.00	167.24 9.11 0.00	179.02 8.50 0.00	182.95 8.68 0.00	192.58 9.71 0.00	173.46 10.80 0.00	208.98 13.24 0.00	286.15 16.86 0.00	230.74 15.09 0.00	207.58 14.88 0.00	243.59 13.69 0.00	229.68 15.00 0.00	209.69 16.90 -0.36	189.23 16.56 -0.01	178.04 15.22 0.00	204.00 16.99 0.00	214.88 15.40 0.00	555.25 35.88 -7.89	250.21 15.15 0.00	190.82 13.66 0.00	191.46 13.19 0.00	195.51 13.82 0.00	198.05 12.74 0.00	201.92 11.24 0.00
ASTORIA_GT2_4 24097	165.61 10.44 0.00	167.24 9.11 0.00	179.02 8.50 0.00	182.95 8.68 0.00	192.58 9.71 0.00	173.46 10.80 0.00	208.98 13.24 0.00	286.15 16.86 0.00	230.74 15.09 0.00	207.58 14.88 0.00	243.59 13.69 0.00	229.68 15.00 0.00	209.69 16.90 -0.36	189.23 16.56 -0.01	178.04 15.22 0.00	204.00 16.99 0.00	214.88 15.40 0.00	555.25 35.88 -7.89	250.21 15.15 0.00	190.82 13.66 0.00	191.46 13.19 0.00	195.51 13.82 0.00	198.05 12.74 0.00	201.92 11.24 0.00
ASTORIA_GT3_1 24098	165.61 10.44 0.00	167.24 9.11 0.00	179.02 8.50 0.00	182.95 8.68 0.00	192.58 9.71 0.00	173.46 10.80 0.00	208.98 13.24 0.00	286.15 16.86 0.00	230.74 15.09 0.00	207.58 14.88 0.00	243.59 13.69 0.00	229.68 15.00 0.00	209.69 16.90 -0.36	189.23 16.56 -0.01	178.04 15.22 0.00	204.00 16.99 0.00	214.88 15.40 0.00	555.25 35.88 -7.89	250.21 15.15 0.00	190.82 13.66 0.00	191.46 13.19 0.00	195.51 13.82 0.00	198.05 12.74 0.00	201.92 11.24 0.00
ASTORIA_GT3_2 24099	165.61 10.44 0.00	167.24 9.11 0.00	179.02 8.50 0.00	182.95 8.68 0.00	192.58 9.71 0.00	173.46 10.80 0.00	208.98 13.24 0.00	286.15 16.86 0.00	230.74 15.09 0.00	207.58 14.88 0.00	243.59 13.69 0.00	229.68 15.00 0.00	209.69 16.90 -0.36	189.23 16.56 -0.01	178.04 15.22 0.00	204.00 16.99 0.00	214.88 15.40 0.00	555.25 35.88 -7.89	250.21 15.15 0.00	190.82 13.66 0.00	191.46 13.19 0.00	195.51 13.82 0.00	198.05 12.74 0.00	201.92 11.24 0.00
ASTORIA_GT3_3 24100	165.61 10.44 0.00	167.24 9.11 0.00	179.02 8.50 0.00	182.95 8.68 0.00	192.58 9.71 0.00	173.46 10.80 0.00	208.98 13.24 0.00	286.15 16.86 0.00	230.74 15.09 0.00	207.58 14.88 0.00	243.59 13.69 0.00	229.68 15.00 0.00	209.69 16.90 -0.36	189.23 16.56 -0.01	178.04 15.22 0.00	204.00 16.99 0.00	214.88 15.40 0.00	555.25 35.88 -7.89	250.21 15.15 0.00	190.82 13.66 0.00	191.46 13.19 0.00	195.51 13.82 0.00	198.05 12.74 0.00	201.92 11.24 0.00
ASTORIA_GT3_4 24101	165.61 10.44 0.00	167.24 9.11 0.00	179.02 8.50 0.00	182.95 8.68 0.00	192.58 9.71 0.00	173.46 10.80 0.00	208.98 13.24 0.00	286.15 16.86 0.00	230.74 15.09 0.00	207.58 14.88 0.00	243.59 13.69 0.00	229.68 15.00 0.00	209.69 16.90 -0.36	189.23 16.56 -0.01	178.04 15.22 0.00	204.00 16.99 0.00	214.88 15.40 0.00	555.25 35.88 -7.89	250.21 15.15 0.00	190.82 13.66 0.00	191.46 13.19 0.00	195.51 13.82 0.00	198.05 12.74 0.00	201.92 11.24 0.00
ASTORIA_GT4_1 24102	165.61 10.44 0.00	167.24 9.11 0.00	179.02 8.50 0.00	182.95 8.68 0.00	192.58 9.71 0.00	173.46 10.80 0.00	208.98 13.24 0.00	286.15 16.86 0.00	230.74 15.09 0.00	207.58 14.88 0.00	243.59 13.69 0.00	229.68 15.00 0.00	209.69 16.90 -0.36	189.23 16.56 -0.01	178.04 15.22 0.00	204.00 16.99 0.00	214.88 15.40 0.00	555.25 35.88 -7.89	250.21 15.15 0.00	190.82 13.66 0.00	191.46 13.19 0.00	195.51 13.82 0.00	198.05 12.74 0.00	201.92 11.24 0.00
ASTORIA_GT4_2 24103	165.61 10.44 0.00	167.24 9.11 0.00	179.02 8.50 0.00	182.95 8.68 0.00	192.58 9.71 0.00	173.46 10.80 0.00	208.98 13.24 0.00	286.15 16.86 0.00	230.74 15.09 0.00	207.58 14.88 0.00	243.59 13.69 0.00	229.68 15.00 0.00	209.69 16.90 -0.36	189.23 16.56 -0.01	178.04 15.22 0.00	204.00 16.99 0.00	214.88 15.40 0.00	555.25 35.88 -7.89	250.21 15.15 0.00	190.82 13.66 0.00	191.46 13.19 0.00	195.51 13.82 0.00	198.05 12.74 0.00	201.92 11.24 0.00
ASTORIA_GT4_3 24104	165.61 10.44 0.00	167.24 9.11 0.00	179.02 8.50 0.00	182.95 8.68 0.00	192.58 9.71 0.00	173.46 10.80 0.00	208.98 13.24 0.00	286.15 16.86 0.00	230.74 15.09 0.00	207.58 14.88 0.00	243.59 13.69 0.00	229.68 15.00 0.00	209.69 16.90 -0.36	189.23 16.56 -0.01	178.04 15.22 0.00	204.00 16.99 0.00	214.88 15.40 0.00	555.25 35.88 -7.89	250.21 15.15 0.00	190.82 13.66 0.00	191.46 13.19 0.00	195.51 13.82 0.00	198.05 12.74 0.00	201.92 11.24 0.00

ASTORIA_GT4_4 24105	165.61 10.44 0.00	167.24 9.11 0.00	179.02 8.50 0.00	182.95 8.68 0.00	192.58 9.71 0.00	173.46 10.80 0.00	208.98 13.24 0.00	286.15 16.86 0.00	230.74 15.09 0.00	207.58 14.88 0.00	243.59 13.69 0.00	229.68 15.00 0.00	209.69 16.90 -0.36	189.23 16.56 -0.01	178.04 15.22 0.00	204.00 16.99 0.00	214.88 15.40 0.00	555.25 35.88 -7.89	250.21 15.15 0.00	190.82 13.66 0.00	191.46 13.19 0.00	195.51 13.82 0.00	198.05 12.74 0.00	201.92 11.24 0.00
ASTORIA_GT_1 23523	165.93 10.76 0.00	167.67 9.54 0.00	179.36 8.83 0.00	183.31 9.04 0.00	192.94 10.08 0.00	173.78 11.12 0.00	209.41 13.67 0.00	286.76 17.47 0.00	231.32 15.66 0.00	208.08 15.38 0.00	244.22 14.32 0.00	230.22 15.54 0.00	210.17 17.38 -0.36	189.63 16.95 -0.01	178.43 15.60 0.00	204.48 17.48 0.00	215.40 15.92 0.00	556.20 36.83 -7.89	250.70 15.64 0.00	191.32 14.16 0.00	191.83 13.56 0.00	195.86 14.18 0.00	198.51 13.18 0.00	202.32 11.64 0.00
ASTORIA_GT_10 24110	165.76 10.60 0.00	167.63 9.50 0.00	179.31 8.79 0.00	183.07 8.80 0.00	192.68 9.81 0.00	173.72 11.06 0.00	208.81 13.07 0.00	285.51 16.22 0.00	229.89 14.23 0.00	207.49 14.79 0.00	243.60 13.70 0.00	229.26 14.58 0.00	209.49 16.71 -0.36	189.90 16.90 -0.33	186.35 15.96 -7.57	204.51 17.50 0.00	215.63 16.15 0.00	546.47 35.00 0.00	250.02 14.96 0.00	190.85 13.69 0.00	191.74 13.47 0.00	195.59 13.90 0.00	198.10 12.78 0.00	201.98 11.30 0.00
ASTORIA_GT_11 24225	165.76 10.60 0.00	167.63 9.50 0.00	179.31 8.79 0.00	183.07 8.80 0.00	192.68 9.81 0.00	173.72 11.06 0.00	208.81 13.07 0.00	285.51 16.22 0.00	229.89 14.23 0.00	207.49 14.79 0.00	243.60 13.70 0.00	229.26 14.58 0.00	209.49 16.71 -0.36	189.90 16.90 -0.33	186.35 15.96 -7.57	204.51 17.50 0.00	215.63 16.15 0.00	546.47 35.00 0.00	250.02 14.96 0.00	190.85 13.69 0.00	191.74 13.47 0.00	195.59 13.90 0.00	198.10 12.78 0.00	201.98 11.30 0.00
ASTORIA_GT_12 24226	165.76 10.60 0.00	167.63 9.50 0.00	179.31 8.79 0.00	183.07 8.80 0.00	192.68 9.81 0.00	173.72 11.06 0.00	208.81 13.07 0.00	285.51 16.22 0.00	229.89 14.23 0.00	207.49 14.79 0.00	243.60 13.70 0.00	229.26 14.58 0.00	209.49 16.71 -0.36	189.90 16.90 -0.33	186.35 15.96 -7.57	204.51 17.50 0.00	215.63 16.15 0.00	546.47 35.00 0.00	250.02 14.96 0.00	190.85 13.69 0.00	191.74 13.47 0.00	195.59 13.90 0.00	198.10 12.78 0.00	201.98 11.30 0.00
ASTORIA_GT_13 24227	165.76 10.60 0.00	167.63 9.50 0.00	179.31 8.79 0.00	183.07 8.80 0.00	192.68 9.81 0.00	173.72 11.06 0.00	208.81 13.07 0.00	285.51 16.22 0.00	229.89 14.23 0.00	207.49 14.79 0.00	243.60 13.70 0.00	229.26 14.58 0.00	209.49 16.71 -0.36	189.90 16.90 -0.33	186.35 15.96 -7.57	204.51 17.50 0.00	215.63 16.15 0.00	546.47 35.00 0.00	250.02 14.96 0.00	190.85 13.69 0.00	191.74 13.47 0.00	195.59 13.90 0.00	198.10 12.78 0.00	201.98 11.30 0.00
ASTORIA_GT_5 24106	165.93 10.77 0.00	167.56 9.43 0.00	179.36 8.84 0.00	183.31 9.03 0.00	192.94 10.07 0.00	173.78 11.12 0.00	209.42 13.68 0.00	286.75 17.46 0.00	231.28 15.62 0.00	208.08 15.38 0.00	244.22 14.32 0.00	230.22 15.54 0.00	210.20 17.42 -0.36	189.62 16.95 -0.01	178.47 15.64 0.00	204.50 17.49 0.00	215.38 15.91 0.00	556.48 37.12 -7.89	250.78 15.72 0.00	191.32 14.17 0.00	191.83 13.56 0.00	195.92 14.23 0.00	198.46 13.14 0.00	202.32 11.64 0.00
ASTORIA_GT_7 24107	165.93 10.77 0.00	167.56 9.43 0.00	179.36 8.84 0.00	183.31 9.03 0.00	192.94 10.07 0.00	173.78 11.12 0.00	209.42 13.68 0.00	286.75 17.46 0.00	231.28 15.62 0.00	208.08 15.38 0.00	244.22 14.32 0.00	230.22 15.54 0.00	210.20 17.42 -0.36	189.62 16.95 -0.01	178.47 15.64 0.00	204.50 17.49 0.00	215.38 15.91 0.00	556.48 37.12 -7.89	250.78 15.72 0.00	191.32 14.17 0.00	191.83 13.56 0.00	195.92 14.23 0.00	198.46 13.14 0.00	202.32 11.64 0.00
ASTORIA_GT_8 24108	165.93 10.77 0.00	167.56 9.43 0.00	179.36 8.84 0.00	183.31 9.03 0.00	192.94 10.07 0.00	173.78 11.12 0.00	209.42 13.68 0.00	286.75 17.46 0.00	231.28 15.62 0.00	208.08 15.38 0.00	244.22 14.32 0.00	230.22 15.54 0.00	210.20 17.42 -0.36	189.62 16.95 -0.01	178.47 15.64 0.00	204.50 17.49 0.00	215.38 15.91 0.00	556.48 37.12 -7.89	250.78 15.72 0.00	191.32 14.17 0.00	191.83 13.56 0.00	195.92 14.23 0.00	198.46 13.14 0.00	202.32 11.64 0.00
ASTORIA___2 24149	165.62 10.45 0.00	167.35 9.22 0.00	179.01 8.49 0.00	182.97 8.69 0.00	192.58 9.71 0.00	173.45 10.80 0.00	208.98 13.24 0.00	286.15 16.86 0.00	230.72 15.07 0.00	207.59 14.88 0.00	243.61 13.71 0.00	229.68 15.00 0.00	209.67 16.88 -0.36	189.22 16.54 -0.01	178.02 15.19 0.00	203.99 16.99 0.00	214.88 15.40 0.00	554.92 35.56 -7.89	250.15 15.09 0.00	190.84 13.69 0.00	191.40 13.14 0.00	195.42 13.74 0.00	198.12 12.80 0.00	201.92 11.24 0.00
ASTORIA___3 23516	165.79 10.62 0.00	167.65 9.53 0.00	179.31 8.78 0.00	183.08 8.81 0.00	192.68 9.81 0.00	173.72 11.06 0.00	208.81 13.07 0.00	285.51 16.22 0.00	229.90 14.24 0.00	207.54 14.83 0.00	243.60 13.70 0.00	229.29 14.60 0.00	209.48 16.69 -0.36	189.91 16.92 -0.33	186.35 15.96 -7.57	204.49 17.49 0.00	215.62 16.15 0.00	546.43 34.95 0.00	250.00 14.94 0.00	190.84 13.69 0.00	191.70 13.43 0.00	195.53 13.85 0.00	198.10 12.78 0.00	202.00 11.32 0.00
ASTORIA___4 23517	165.76 10.60 0.00	167.63 9.50 0.00	179.31 8.79 0.00	183.06 8.78 0.00	192.68 9.81 0.00	173.72 11.06 0.00	208.81 13.07 0.00	285.51 16.22 0.00	229.89 14.23 0.00	207.49 14.79 0.00	243.60 13.70 0.00	229.26 14.58 0.00	209.48 16.69 -0.36	189.90 16.90 -0.33	186.32 15.93 -7.57	204.51 17.50 0.00	215.63 16.15 0.00	546.47 35.00 0.00	250.02 14.96 0.00	190.85 13.69 0.00	191.74 13.47 0.00	195.59 13.90 0.00	198.10 12.78 0.00	201.98 11.30 0.00
ASTORIA___5 23518	165.79 10.62 0.00	167.65 9.53 0.00	179.31 8.78 0.00	183.08 8.81 0.00	192.68 9.81 0.00	173.72 11.06 0.00	208.81 13.07 0.00	285.51 16.22 0.00	229.91 14.25 0.00	207.54 14.83 0.00	243.60 13.70 0.00	229.29 14.60 0.00	209.48 16.69 -0.36	189.91 16.92 -0.33	186.35 15.96 -7.57	204.49 17.49 0.00	215.62 16.15 0.00	546.43 34.95 0.00	250.00 14.94 0.00	190.84 13.69 0.00	191.70 13.43 0.00	195.53 13.85 0.00	198.10 12.78 0.00	202.00 11.32 0.00
AST_ENERGY_2_CC3 323677	164.83 9.67 0.00	166.85 8.73 0.00	178.30 7.78 0.00	182.06 7.78 0.00	191.59 8.72 0.00	172.57 9.91 0.00	207.74 12.00 0.00	284.23 14.95 0.00	228.83 13.17 0.00	206.42 13.71 0.00	242.69 12.79 0.00	228.51 13.82 0.00	208.21 15.43 -0.36	188.35 15.69 0.00	177.65 14.82 0.00	203.20 16.19 0.00	214.61 15.13 0.00	544.43 32.95 0.00	249.13 14.07 0.00	189.81 12.66 0.00	190.77 12.51 0.00	194.66 12.97 0.00	197.16 11.84 0.00	201.13 10.45 0.00
AST_ENERGY_2_CC4 323678	164.83 9.67 0.00	166.85 8.73 0.00	178.30 7.78 0.00	182.06 7.78 0.00	191.59 8.72 0.00	172.57 9.91 0.00	207.74 12.00 0.00	284.23 14.95 0.00	228.83 13.17 0.00	206.42 13.71 0.00	242.69 12.79 0.00	228.51 13.82 0.00	208.21 15.43 -0.36	188.35 15.69 0.00	177.65 14.82 0.00	203.20 16.19 0.00	214.61 15.13 0.00	544.43 32.95 0.00	249.13 14.07 0.00	189.81 12.66 0.00	190.77 12.51 0.00	194.66 12.97 0.00	197.16 11.84 0.00	201.13 10.45 0.00

ATHENS_STG_1 23668	160.87 5.71 0.00	163.54 5.42 0.00	176.53 6.01 0.00	180.34 6.07 0.00	189.49 6.62 0.00	169.31 6.64 0.00	203.66 7.92 0.00	279.07 9.78 0.00	224.29 8.63 0.00	201.26 8.56 0.00	238.19 8.29 0.00	222.98 8.30 0.00	201.54 9.04 -0.07	181.86 9.19 0.00	171.44 8.62 0.00	196.11 9.10 0.00	207.56 8.09 0.00	528.96 17.49 0.00	242.29 7.23 0.00	183.77 6.62 0.00	184.98 6.71 0.00	189.11 7.43 0.00	192.17 6.86 0.00	196.89 6.21 0.00
ATHENS_STG_2 23670	160.87 5.71 0.00	163.54 5.42 0.00	176.53 6.01 0.00	180.34 6.07 0.00	189.49 6.62 0.00	169.31 6.64 0.00	203.66 7.92 0.00	279.07 9.78 0.00	224.29 8.63 0.00	201.26 8.56 0.00	238.19 8.29 0.00	222.98 8.30 0.00	201.54 9.04 -0.07	181.86 9.19 0.00	171.44 8.62 0.00	196.11 9.10 0.00	207.56 8.09 0.00	528.96 17.49 0.00	242.29 7.23 0.00	183.77 6.62 0.00	184.98 6.71 0.00	189.11 7.43 0.00	192.17 6.86 0.00	196.89 6.21 0.00
ATHENS_STG_3 23677	160.87 5.71 0.00	163.54 5.42 0.00	176.53 6.01 0.00	180.34 6.07 0.00	189.49 6.62 0.00	169.31 6.64 0.00	203.66 7.92 0.00	279.07 9.78 0.00	224.29 8.63 0.00	201.26 8.56 0.00	238.19 8.29 0.00	222.98 8.30 0.00	201.54 9.04 -0.07	181.86 9.19 0.00	171.44 8.62 0.00	196.11 9.10 0.00	207.56 8.09 0.00	528.96 17.49 0.00	242.29 7.23 0.00	183.77 6.62 0.00	184.98 6.71 0.00	189.11 7.43 0.00	192.17 6.86 0.00	196.89 6.21 0.00
AUBURN___LFGE 323710	154.01 -1.15 0.00	157.28 -0.85 0.00	169.60 -0.92 0.00	173.27 -1.00 0.00	181.92 -0.94 0.00	162.75 0.09 0.00	196.58 0.84 0.00	270.44 1.16 0.00	216.92 1.26 0.00	193.87 1.17 0.00	230.25 0.35 0.00	214.53 -0.15 0.00	192.16 -0.26 0.00	172.51 -0.16 0.00	162.02 -0.80 0.00	186.18 -0.82 0.00	198.36 -1.11 0.00	510.79 -0.68 0.00	235.33 0.27 0.00	177.23 0.07 0.00	178.21 -0.06 0.00	181.05 -0.64 0.00	184.10 -1.22 0.00	190.30 -0.37 0.00
BABYLON_RES_REC 323704	169.36 13.79 -0.41	169.42 11.29 0.00	179.67 9.15 0.00	185.47 11.20 0.00	194.94 12.07 0.00	175.11 12.45 0.00	209.93 14.19 0.00	288.37 17.89 -1.20	242.47 17.19 -9.63	218.74 16.60 -9.44	246.98 15.47 -1.61	249.12 16.54 -17.90	225.06 17.30 -15.34	205.54 17.49 -15.38	198.93 16.71 -19.39	226.27 18.45 -20.81	238.85 17.71 -21.66	451.36 29.45 89.57	261.84 15.39 -11.39	218.88 14.96 -26.76	214.49 14.50 -21.72	206.03 15.12 -9.23	202.17 14.18 -2.68	202.42 11.75 0.00
BABYLON__69_KV_BK2 356345	170.90 15.33 -0.41	171.08 12.95 0.00	181.28 10.76 0.00	187.11 12.84 0.00	196.52 13.65 0.00	177.85 15.19 0.00	213.57 17.83 0.00	293.46 22.98 -1.20	246.77 21.48 -9.63	222.55 20.41 -9.44	251.29 19.78 -1.61	253.17 20.59 -17.90	228.72 20.96 -15.34	208.86 20.81 -15.38	202.06 19.85 -19.39	229.96 22.15 -20.81	242.71 21.57 -21.66	458.02 38.87 92.33	266.02 19.67 -11.29	222.38 18.46 -26.76	217.88 17.88 -21.72	209.57 18.65 -9.23	205.74 17.74 -2.68	205.92 15.25 0.00
BALL_HILL_WT_PWR 323825	141.49 -13.67 0.00	145.78 -12.34 0.00	157.32 -13.19 0.00	160.74 -13.54 0.00	169.25 -13.61 0.00	152.53 -10.13 0.00	181.08 -14.66 0.00	251.84 -17.45 0.00	202.72 -12.93 0.00	179.54 -13.16 0.00	215.34 -14.56 0.00	200.16 -14.52 0.00	178.24 -14.19 0.00	156.92 -14.33 1.41	134.55 -14.09 14.18	164.81 -16.77 5.42	180.57 -17.49 1.42	477.44 -34.04 0.00	220.12 -14.94 0.00	162.41 -14.74 0.00	151.56 -14.35 12.36	133.32 -16.21 32.16	170.08 -15.24 0.00	178.53 -12.15 0.00
BARON_WINDS___WT_PWR 323822	145.29 -9.87 0.00	149.48 -8.64 0.00	161.94 -8.58 0.00	165.97 -8.30 0.00	174.75 -8.12 0.00	157.34 -5.32 0.00	187.13 -8.61 0.00	258.47 -10.82 0.00	207.43 -8.23 0.00	184.51 -8.20 0.00	220.07 -9.83 0.00	205.31 -9.37 0.00	182.73 -9.69 0.00	156.49 -8.95 7.22	81.06 -9.25 72.51	149.25 -10.04 27.72	180.97 -11.25 7.26	491.59 -19.89 0.00	227.20 -7.86 0.00	169.06 -8.09 0.01	107.13 -7.90 63.24	8.31 -8.90 164.49	176.57 -8.75 0.00	184.26 -6.41 0.00
BARRETT_IC_1 23704	518.54 11.86 -351.53	310.15 9.64 -142.38	178.90 8.33 -0.05	191.71 10.18 -7.26	205.78 11.08 -11.83	201.09 12.34 -26.09	358.58 14.27 -148.57	446.78 17.79 -159.70	503.24 16.52 -271.06	481.11 16.02 -272.39	486.81 15.20 -241.72	505.02 15.91 -274.43	527.39 16.87 -318.11	455.51 16.99 -265.85	417.88 16.08 -238.97	455.13 17.70 -250.42	495.61 16.89 -279.24	999.51 29.31 -458.72	470.63 15.42 -220.14	513.89 14.62 -322.11	455.30 14.25 -262.78	424.07 14.88 -227.51	603.26 14.07 -403.87	461.57 11.91 -258.98
BARRETT_IC_10 23701	263.48 11.86 -96.47	206.72 9.64 -38.96	178.87 8.33 -0.02	191.71 10.18 -7.26	205.78 11.08 -11.83	201.09 12.34 -26.09	250.65 14.27 -40.64	331.66 17.79 -44.58	313.38 16.52 -81.20	290.15 16.02 -81.43	312.44 15.20 -67.34	318.72 15.91 -88.12	307.50 16.87 -98.21	273.60 16.99 -83.94	258.40 16.08 -79.50	288.37 17.70 -83.67	308.54 16.89 -92.18	372.76 29.31 168.02	319.05 15.42 -68.56	299.36 14.62 -107.58	280.21 14.25 -87.69	265.53 14.88 -68.97	311.86 14.07 -112.48	273.47 11.91 -70.88
BARRETT_IC_11 23702	263.48 11.86 -96.47	206.72 9.64 -38.96	178.87 8.33 -0.02	191.71 10.18 -7.26	205.78 11.08 -11.83	201.09 12.34 -26.09	250.65 14.27 -40.64	331.66 17.79 -44.58	313.38 16.52 -81.20	290.15 16.02 -81.43	312.44 15.20 -67.34	318.72 15.91 -88.12	307.50 16.87 -98.21	273.60 16.99 -83.94	258.40 16.08 -79.50	288.37 17.70 -83.67	308.54 16.89 -92.18	372.76 29.31 168.02	319.05 15.42 -68.56	299.36 14.62 -107.58	280.21 14.25 -87.69	265.53 14.88 -68.97	311.86 14.07 -112.48	273.47 11.91 -70.88
BARRETT_IC_12 23703	263.48 11.86 -96.47	206.72 9.64 -38.96	178.87 8.33 -0.02	191.71 10.18 -7.26	205.78 11.08 -11.83	201.09 12.34 -26.09	250.65 14.27 -40.64	331.66 17.79 -44.58	313.38 16.52 -81.20	290.15 16.02 -81.43	312.44 15.20 -67.34	318.72 15.91 -88.12	307.50 16.87 -98.21	273.60 16.99 -83.94	258.40 16.08 -79.50	288.37 17.70 -83.67	308.54 16.89 -92.18	372.76 29.31 168.02	319.05 15.42 -68.56	299.36 14.62 -107.58	280.21 14.25 -87.69	265.53 14.88 -68.97	311.86 14.07 -112.48	273.47 11.91 -70.88
BARRETT_IC_2 23705	518.54 11.86 -351.53	310.15 9.64 -142.38	178.90 8.33 -0.05	191.71 10.18 -7.26	205.78 11.08 -11.83	201.09 12.34 -26.09	358.58 14.27 -148.57	446.78 17.79 -159.70	503.24 16.52 -271.06	481.11 16.02 -272.39	486.81 15.20 -241.72	505.02 15.91 -274.43	527.39 16.87 -318.11	455.51 16.99 -265.85	417.88 16.08 -238.97	455.13 17.70 -250.42	495.61 16.89 -279.24	999.51 29.31 -458.72	470.63 15.42 -220.14	513.89 14.62 -322.11	455.30 14.25 -262.78	424.07 14.88 -227.51	603.26 14.07 -403.87	461.57 11.91 -258.98
BARRETT_IC_3 23706	518.54 11.86 -351.53	310.15 9.64 -142.38	178.90 8.33 -0.05	191.71 10.18 -7.26	205.78 11.08 -11.83	201.09 12.34 -26.09	358.58 14.27 -148.57	446.78 17.79 -159.70	503.24 16.52 -271.06	481.11 16.02 -272.39	486.81 15.20 -241.72	505.02 15.91 -274.43	527.39 16.87 -318.11	455.51 16.99 -265.85	417.88 16.08 -238.97	455.13 17.70 -250.42	495.61 16.89 -279.24	999.51 29.31 -458.72	470.63 15.42 -220.14	513.89 14.62 -322.11	455.30 14.25 -262.78	424.07 14.88 -227.51	603.26 14.07 -403.87	461.57 11.91 -258.98
BARRETT_IC_4 23707	518.54 11.86 -351.53	310.15 9.64 -142.38	178.90 8.33 -0.05	191.71 10.18 -7.26	205.78 11.08 -11.83	201.09 12.34 -26.09	358.58 14.27 -148.57	446.78 17.79 -159.70	503.24 16.52 -271.06	481.11 16.02 -272.39	486.81 15.20 -241.72	505.02 15.91 -274.43	527.39 16.87 -318.11	455.51 16.99 -265.85	417.88 16.08 -238.97	455.13 17.70 -250.42	495.61 16.89 -279.24	999.51 29.31 -458.72	470.63 15.42 -220.14	513.89 14.62 -322.11	455.30 14.25 -262.78	424.07 14.88 -227.51	603.26 14.07 -403.87	461.57 11.91 -258.98

BARRETT_IC_5 23708	518.54 11.86 -351.53	310.15 9.64 -142.38	178.90 8.33 -0.05	191.71 10.18 -7.26	205.78 11.08 -11.83	201.09 12.34 -26.09	358.58 14.27 -148.57	446.78 17.79 -159.70	503.24 16.52 -271.06	481.11 16.02 -272.39	486.81 15.20 -241.72	505.02 15.91 -274.43	527.39 16.87 -318.11	455.51 16.99 -265.85	417.88 16.08 -238.97	455.13 17.70 -250.42	495.61 16.89 -279.24	999.51 29.31 -458.72	470.63 15.42 -220.14	513.89 14.62 -322.11	455.30 14.25 -262.78	424.07 14.88 -227.51	603.26 14.07 -403.87	461.57 11.91 -258.98
BARRETT_IC_6 23709	518.54 11.86 -351.53	310.15 9.64 -142.38	178.90 8.33 -0.05	191.71 10.18 -7.26	205.78 11.08 -11.83	201.09 12.34 -26.09	358.58 14.27 -148.57	446.78 17.79 -159.70	503.24 16.52 -271.06	481.11 16.02 -272.39	486.81 15.20 -241.72	505.02 15.91 -274.43	527.39 16.87 -318.11	455.51 16.99 -265.85	417.88 16.08 -238.97	455.13 17.70 -250.42	495.61 16.89 -279.24	999.51 29.31 -458.72	470.63 15.42 -220.14	513.89 14.62 -322.11	455.30 14.25 -262.78	424.07 14.88 -227.51	603.26 14.07 -403.87	461.57 11.91 -258.98
BARRETT_IC_7 23710	518.36 11.68 -351.53	310.15 9.64 -142.38	178.89 8.31 -0.05	191.72 10.18 -7.26	205.44 10.74 -11.83	201.10 12.34 -26.09	358.59 14.28 -148.57	446.71 17.73 -159.70	503.22 16.51 -271.06	481.08 15.99 -272.39	486.76 15.15 -241.72	505.00 15.90 -274.43	527.38 16.85 -318.11	455.48 16.96 -265.85	417.87 16.08 -238.97	455.11 17.69 -250.42	495.59 16.87 -279.24	1000.29 30.09 -458.72	470.61 15.40 -220.14	513.84 14.57 -322.11	455.30 14.25 -262.78	424.06 14.86 -227.51	603.24 14.05 -403.87	461.57 11.91 -258.98
BARRETT_IC_8 23711	518.54 11.86 -351.53	310.15 9.64 -142.38	178.90 8.33 -0.05	191.71 10.18 -7.26	205.78 11.08 -11.83	201.09 12.34 -26.09	358.58 14.27 -148.57	446.78 17.79 -159.70	503.24 16.52 -271.06	481.11 16.02 -272.39	486.81 15.20 -241.72	505.02 15.91 -274.43	527.39 16.87 -318.11	455.51 16.99 -265.85	417.88 16.08 -238.97	455.13 17.70 -250.42	495.61 16.89 -279.24	999.51 29.31 -458.72	470.63 15.42 -220.14	513.89 14.62 -322.11	455.30 14.25 -262.78	424.07 14.88 -227.51	603.26 14.07 -403.87	461.57 11.91 -258.98
BARRETT_IC_9 23700	263.48 11.86 -96.47	206.72 9.64 -38.96	178.87 8.33 -0.02	191.71 10.18 -7.26	205.78 11.08 -11.83	201.09 12.34 -26.09	250.65 14.27 -40.64	331.66 17.79 -44.58	313.38 16.52 -81.20	290.15 16.02 -81.43	312.44 15.20 -67.34	318.72 15.91 -88.12	307.50 16.87 -98.21	273.60 16.99 -83.94	258.40 16.08 -79.50	288.37 17.70 -83.67	308.54 16.89 -92.18	372.76 29.31 168.02	319.05 15.42 -68.56	299.36 14.62 -107.58	280.21 14.25 -87.69	265.53 14.88 -68.97	311.86 14.07 -112.48	273.47 11.91 -70.88
BARRETT___1 23545	518.54 11.86 -351.53	310.15 9.64 -142.38	178.90 8.33 -0.05	191.71 10.18 -7.26	205.78 11.08 -11.83	201.09 12.34 -26.09	358.58 14.27 -148.57	446.78 17.79 -159.70	503.24 16.52 -271.06	481.11 16.02 -272.39	486.81 15.20 -241.72	505.02 15.91 -274.43	527.39 16.87 -318.11	455.51 16.99 -265.85	417.88 16.08 -238.97	455.13 17.70 -250.42	495.61 16.89 -279.24	999.51 29.31 -458.72	470.63 15.42 -220.14	513.89 14.62 -322.11	455.30 14.25 -262.78	424.07 14.88 -227.51	603.26 14.07 -403.87	461.57 11.91 -258.98
BARRETT___2 23546	263.48 11.86 -96.47	206.72 9.64 -38.96	178.87 8.33 -0.02	191.71 10.18 -7.26	205.78 11.08 -11.83	201.09 12.34 -26.09	250.65 14.27 -40.64	331.66 17.79 -44.58	313.38 16.52 -81.20	290.15 16.02 -81.43	312.44 15.20 -67.34	318.72 15.91 -88.12	307.50 16.87 -98.21	273.60 16.99 -83.94	258.40 16.08 -79.50	288.37 17.70 -83.67	308.54 16.89 -92.18	372.76 29.31 168.02	319.05 15.42 -68.56	299.36 14.62 -107.58	280.21 14.25 -87.69	265.53 14.88 -68.97	311.86 14.07 -112.48	273.47 11.91 -70.88
BATAVIA__115KV_TB1 55881	146.38 -8.78 0.00	150.37 -7.76 0.00	161.89 -8.63 0.00	165.33 -8.95 0.00	174.04 -8.83 0.00	156.76 -5.90 0.00	186.30 -9.44 0.00	258.86 -10.43 0.00	208.29 -7.37 0.00	184.64 -8.06 0.00	220.58 -9.32 0.00	204.91 -9.77 0.00	183.48 -8.94 0.00	162.95 -9.09 0.63	147.07 -9.42 6.33	173.49 -11.24 2.27	187.10 -11.82 0.56	492.92 -18.55 0.00	226.81 -8.27 -0.01	168.44 -8.73 -0.01	163.97 -8.79 5.51	157.45 -11.07 13.16	174.78 -10.54 0.00	182.89 -7.78 0.00
BAYONEEC___CTG1 323682	164.91 9.75 0.00	166.95 8.82 0.00	178.65 8.13 0.00	182.48 8.21 0.00	192.11 9.24 0.00	172.97 10.30 0.00	208.22 12.48 0.00	284.77 15.49 0.00	229.28 13.62 0.00	206.78 14.08 0.00	243.15 13.25 0.00	228.93 14.25 0.00	208.61 15.82 -0.36	188.68 16.01 0.00	177.97 15.16 0.00	203.61 16.61 0.00	215.09 15.62 0.00	545.57 34.09 0.00	249.71 14.64 0.00	190.26 13.10 0.00	191.18 12.92 0.00	195.09 13.41 0.00	197.66 12.34 0.00	201.64 10.97 0.00
BAYONEEC___CTG10 323750	164.91 9.75 0.00	166.95 8.82 0.00	178.65 8.13 0.00	182.48 8.21 0.00	192.11 9.24 0.00	172.97 10.30 0.00	208.22 12.48 0.00	284.77 15.49 0.00	229.28 13.62 0.00	206.78 14.08 0.00	243.15 13.25 0.00	228.93 14.25 0.00	208.61 15.82 -0.36	188.68 16.01 0.00	177.97 15.16 0.00	203.61 16.61 0.00	215.09 15.62 0.00	545.57 34.09 0.00	249.71 14.64 0.00	190.26 13.10 0.00	191.18 12.92 0.00	195.09 13.41 0.00	197.66 12.34 0.00	201.64 10.97 0.00
BAYONEEC___CTG2 323683	164.91 9.75 0.00	166.95 8.82 0.00	178.65 8.13 0.00	182.48 8.21 0.00	192.11 9.24 0.00	172.97 10.30 0.00	208.22 12.48 0.00	284.77 15.49 0.00	229.28 13.62 0.00	206.78 14.08 0.00	243.15 13.25 0.00	228.93 14.25 0.00	208.61 15.82 -0.36	188.68 16.01 0.00	177.97 15.16 0.00	203.61 16.61 0.00	215.09 15.62 0.00	545.57 34.09 0.00	249.71 14.64 0.00	190.26 13.10 0.00	191.18 12.92 0.00	195.09 13.41 0.00	197.66 12.34 0.00	201.64 10.97 0.00
BAYONEEC___CTG3 323684	164.91 9.75 0.00	166.95 8.82 0.00	178.65 8.13 0.00	182.48 8.21 0.00	192.11 9.24 0.00	172.97 10.30 0.00	208.22 12.48 0.00	284.77 15.49 0.00	229.28 13.62 0.00	206.78 14.08 0.00	243.15 13.25 0.00	228.93 14.25 0.00	208.61 15.82 -0.36	188.68 16.01 0.00	177.97 15.16 0.00	203.61 16.61 0.00	215.09 15.62 0.00	545.57 34.09 0.00	249.71 14.64 0.00	190.26 13.10 0.00	191.18 12.92 0.00	195.09 13.41 0.00	197.66 12.34 0.00	201.64 10.97 0.00
BAYONEEC___CTG4 323685	164.91 9.75 0.00	166.95 8.82 0.00	178.65 8.13 0.00	182.48 8.21 0.00	192.11 9.24 0.00	172.97 10.30 0.00	208.22 12.48 0.00	284.77 15.49 0.00	229.28 13.62 0.00	206.78 14.08 0.00	243.15 13.25 0.00	228.93 14.25 0.00	208.61 15.82 -0.36	188.68 16.01 0.00	177.97 15.16 0.00	203.61 16.61 0.00	215.09 15.62 0.00	545.57 34.09 0.00	249.71 14.64 0.00	190.26 13.10 0.00	191.18 12.92 0.00	195.09 13.41 0.00	197.66 12.34 0.00	201.64 10.97 0.00
BAYONEEC___CTG5 323686	164.91 9.75 0.00	166.95 8.82 0.00	178.65 8.13 0.00	182.48 8.21 0.00	192.11 9.24 0.00	172.97 10.30 0.00	208.22 12.48 0.00	284.77 15.49 0.00	229.28 13.62 0.00	206.78 14.08 0.00	243.15 13.25 0.00	228.93 14.25 0.00	208.61 15.82 -0.36	188.68 16.01 0.00	177.97 15.16 0.00	203.61 16.61 0.00	215.09 15.62 0.00	545.57 34.09 0.00	249.71 14.64 0.00	190.26 13.10 0.00	191.18 12.92 0.00	195.09 13.41 0.00	197.66 12.34 0.00	201.64 10.97 0.00
BAYONEEC___CTG6 323687	164.91 9.75 0.00	166.95 8.82 0.00	178.65 8.13 0.00	182.48 8.21 0.00	192.11 9.24 0.00	172.97 10.30 0.00	208.22 12.48 0.00	284.77 15.49 0.00	229.28 13.62 0.00	206.78 14.08 0.00	243.15 13.25 0.00	228.93 14.25 0.00	208.61 15.82 -0.36	188.68 16.01 0.00	177.97 15.16 0.00	203.61 16.61 0.00	215.09 15.62 0.00	545.57 34.09 0.00	249.71 14.64 0.00	190.26 13.10 0.00	191.18 12.92 0.00	195.09 13.41 0.00	197.66 12.34 0.00	201.64 10.97 0.00

BAYONEEC___CTG7 323688	164.91 9.75 0.00	166.95 8.82 0.00	178.65 8.13 0.00	182.48 8.21 0.00	192.11 9.24 0.00	172.97 10.30 0.00	208.22 12.48 0.00	284.77 15.49 0.00	229.28 13.62 0.00	206.78 14.08 0.00	243.15 13.25 0.00	228.93 14.25 0.00	208.61 15.82 -0.36	188.68 16.01 0.00	177.97 15.16 0.00	203.61 16.61 0.00	215.09 15.62 0.00	545.57 34.09 0.00	249.71 14.64 0.00	190.26 13.10 0.00	191.18 12.92 0.00	195.09 13.41 0.00	197.66 12.34 0.00	201.64 10.97 0.00
BAYONEEC___CTG8 323689	164.91 9.75 0.00	166.95 8.82 0.00	178.65 8.13 0.00	182.48 8.21 0.00	192.11 9.24 0.00	172.97 10.30 0.00	208.22 12.48 0.00	284.77 15.49 0.00	229.28 13.62 0.00	206.78 14.08 0.00	243.15 13.25 0.00	228.93 14.25 0.00	208.61 15.82 -0.36	188.68 16.01 0.00	177.97 15.16 0.00	203.61 16.61 0.00	215.09 15.62 0.00	545.57 34.09 0.00	249.71 14.64 0.00	190.26 13.10 0.00	191.18 12.92 0.00	195.09 13.41 0.00	197.66 12.34 0.00	201.64 10.97 0.00
BAYONEEC___CTG9 323749	164.91 9.75 0.00	166.95 8.82 0.00	178.65 8.13 0.00	182.48 8.21 0.00	192.11 9.24 0.00	172.97 10.30 0.00	208.22 12.48 0.00	284.77 15.49 0.00	229.28 13.62 0.00	206.78 14.08 0.00	243.15 13.25 0.00	228.93 14.25 0.00	208.61 15.82 -0.36	188.68 16.01 0.00	177.97 15.16 0.00	203.61 16.61 0.00	215.09 15.62 0.00	545.57 34.09 0.00	249.71 14.64 0.00	190.26 13.10 0.00	191.18 12.92 0.00	195.09 13.41 0.00	197.66 12.34 0.00	201.64 10.97 0.00
BEACON___LESR 323632	162.13 6.97 0.00	165.16 7.03 0.00	178.10 7.58 0.00	181.82 7.55 0.00	191.01 8.14 0.00	171.16 8.50 0.00	206.01 10.27 0.00	282.05 12.76 0.00	227.21 11.55 0.00	203.73 11.03 0.00	241.10 11.20 0.00	224.96 10.28 0.00	203.06 10.64 0.00	182.73 10.06 0.00	171.73 8.91 0.00	196.32 9.32 0.00	207.81 8.34 0.00	530.81 19.33 0.00	242.68 7.62 0.00	183.43 6.27 0.00	185.04 6.77 0.00	189.50 7.81 0.00	194.19 8.87 0.00	198.66 7.99 0.00
BEAVER RIVER___HYD 24048	156.14 0.98 0.00	158.40 0.27 0.00	170.83 0.30 0.00	174.98 0.70 0.00	183.71 0.84 0.00	164.63 1.97 0.00	198.14 2.40 0.00	275.25 5.97 0.00	217.03 1.38 0.00	193.55 0.85 0.00	234.66 4.76 0.00	217.12 2.43 0.00	194.57 2.15 0.00	176.34 3.68 0.00	166.63 3.81 0.00	193.41 6.41 0.00	208.43 8.95 0.00	537.15 25.68 0.00	247.18 12.12 0.00	185.47 8.31 0.00	185.60 7.33 0.00	183.80 2.12 0.00	184.63 -0.69 0.00	193.20 2.53 0.00
BEEBEE_GT_13 23619	148.15 -7.01 0.00	151.66 -6.47 0.00	163.41 -7.11 0.00	166.93 -7.35 0.00	175.30 -7.57 0.00	157.36 -5.31 0.00	187.91 -7.83 0.00	259.98 -9.31 0.00	208.98 -6.67 0.00	185.90 -6.81 0.00	222.26 -7.64 0.00	206.98 -7.71 0.00	185.42 -7.00 0.00	165.56 -7.12 -0.01	155.62 -7.29 -0.09	178.39 -8.66 -0.05	190.41 -9.08 -0.02	494.42 -17.05 0.00	227.43 -7.63 0.00	169.93 -7.23 0.00	171.20 -7.14 -0.08	173.28 -8.75 -0.34	176.80 -8.52 0.00	183.80 -6.88 0.00
BENSHRST_27_KV_BENSHRST_1 355998	404.67 12.75 -236.76	377.77 11.70 -207.95	355.96 11.20 -174.23	315.40 11.21 -129.91	315.55 12.38 -120.30	321.44 13.35 -145.44	599.32 16.05 -387.53	1007.92 20.50 -718.14	867.36 17.59 -634.11	1063.71 17.44 -853.57	1016.83 17.18 -769.75	828.11 18.10 -595.32	861.69 19.67 -649.60	845.25 19.46 -653.12	836.55 18.10 -655.64	1358.64 20.26 -1151.37	714.90 19.07 -496.35	1221.65 43.44 -666.74	554.61 18.80 -300.75	962.42 16.44 -768.83	1101.97 16.13 -907.57	713.24 16.54 -515.02	678.32 15.67 -477.33	414.27 14.29 -209.31
BETHLEHEM___GRP 23843	159.36 4.20 0.00	162.19 4.06 0.00	175.11 4.59 0.00	178.91 4.63 0.00	187.90 5.03 0.00	167.97 5.31 0.00	201.77 6.03 0.00	275.67 6.39 0.00	222.40 6.75 0.00	199.58 6.88 0.00	235.98 6.08 0.00	220.41 5.72 0.00	199.03 6.61 0.00	179.24 6.57 0.00	168.16 5.34 0.00	192.19 5.18 0.00	202.62 3.14 0.00	516.81 5.34 0.00	236.31 1.25 0.00	179.07 1.92 0.00	180.29 2.02 0.00	185.18 3.50 0.00	190.00 4.68 0.00	194.78 4.11 0.00
BETHLEHEM___GS1 323560	159.36 4.20 0.00	162.17 4.04 0.00	175.11 4.59 0.00	178.91 4.63 0.00	187.91 5.05 0.00	167.98 5.32 0.00	201.77 6.03 0.00	275.71 6.43 0.00	222.41 6.75 0.00	199.59 6.89 0.00	235.98 6.08 0.00	220.40 5.71 0.00	199.03 6.60 0.00	179.24 6.57 0.00	168.16 5.34 0.00	192.20 5.20 0.00	202.63 3.16 0.00	516.82 5.34 0.00	236.32 1.25 0.00	179.08 1.92 0.00	180.27 2.01 0.00	185.17 3.48 0.00	190.00 4.68 0.00	194.79 4.11 0.00
BETHLEHEM___GS2 323561	159.36 4.20 0.00	162.17 4.04 0.00	175.11 4.59 0.00	178.91 4.63 0.00	187.91 5.05 0.00	167.98 5.32 0.00	201.77 6.03 0.00	275.71 6.43 0.00	222.41 6.75 0.00	199.59 6.89 0.00	235.98 6.08 0.00	220.40 5.71 0.00	199.03 6.60 0.00	179.24 6.57 0.00	168.16 5.34 0.00	192.20 5.20 0.00	202.63 3.16 0.00	516.82 5.34 0.00	236.32 1.25 0.00	179.08 1.92 0.00	180.27 2.01 0.00	185.17 3.48 0.00	190.00 4.68 0.00	194.79 4.11 0.00
BETHLEHEM___GS3 323562	159.36 4.20 0.00	162.17 4.04 0.00	175.11 4.59 0.00	178.91 4.63 0.00	187.91 5.05 0.00	167.98 5.32 0.00	201.77 6.03 0.00	275.71 6.43 0.00	222.41 6.75 0.00	199.59 6.89 0.00	235.98 6.08 0.00	220.40 5.71 0.00	199.03 6.60 0.00	179.24 6.57 0.00	168.16 5.34 0.00	192.20 5.20 0.00	202.63 3.16 0.00	516.82 5.34 0.00	236.32 1.25 0.00	179.08 1.92 0.00	180.27 2.01 0.00	185.17 3.48 0.00	190.00 4.68 0.00	194.79 4.11 0.00
BETHLEHEM___STEEL 23779	142.42 -12.74 0.00	146.49 -11.63 0.00	157.90 -12.63 0.00	161.32 -12.95 0.00	169.56 -13.30 0.00	152.75 -9.91 0.00	180.88 -14.86 0.00	251.06 -18.23 0.00	202.17 -13.48 0.00	179.53 -13.17 0.00	215.65 -14.25 0.00	200.74 -13.95 0.00	178.97 -13.45 0.00	157.65 -13.71 1.32	135.84 -13.77 13.21	165.43 -16.52 5.05	180.69 -17.47 1.32	477.55 -33.93 0.00	219.94 -15.12 0.00	162.84 -14.32 0.00	152.87 -13.87 11.52	135.68 -16.03 29.98	170.00 -15.32 0.00	178.48 -12.19 0.00
BETHLHEM_115KV_TB1 79974	159.42 4.25 0.00	162.27 4.14 0.00	175.21 4.69 0.00	178.98 4.71 0.00	187.96 5.10 0.00	168.04 5.38 0.00	201.90 6.16 0.00	275.97 6.68 0.00	222.48 6.83 0.00	199.60 6.89 0.00	236.13 6.23 0.00	220.61 5.93 0.00	199.14 6.72 0.00	179.40 6.73 0.00	168.37 5.55 0.00	192.51 5.51 0.00	203.14 3.66 0.00	518.31 6.83 0.00	237.09 2.03 0.00	179.62 2.46 0.00	180.84 2.57 0.00	185.64 3.95 0.00	190.17 4.85 0.00	194.95 4.27 0.00
BETHPAGE_CC_5 323564	177.36 13.60 -8.61	172.65 11.20 -3.32	179.84 9.32 0.00	185.73 11.23 -0.22	195.52 12.29 -0.36	176.91 13.45 -0.80	215.07 15.86 -3.47	294.44 20.26 -4.89	250.32 18.93 -15.73	226.50 18.23 -15.58	254.75 17.64 -7.22	257.00 18.43 -23.89	233.88 19.05 -22.41	212.94 19.04 -21.23	205.40 18.06 -24.52	233.16 19.98 -26.17	246.47 19.31 -27.68	474.34 35.14 72.29	269.32 17.69 -16.57	227.40 16.58 -33.66	221.84 16.22 -27.36	212.74 16.72 -14.33	213.14 15.78 -12.04	210.34 13.61 -6.05
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	143.06 -12.10 0.00	147.16 -10.97 0.00	158.62 -11.90 0.00	162.02 -12.26 0.00	170.36 -12.50 0.00	153.48 -9.18 0.00	181.82 -13.92 0.00	252.37 -16.92 0.00	203.17 -12.49 0.00	180.41 -12.30 0.00	216.72 -13.18 0.00	201.75 -12.94 0.00	179.93 -12.49 0.00	158.63 -12.80 1.24	137.51 -12.87 12.44	166.68 -15.57 4.75	181.73 -16.50 1.24	479.96 -31.52 0.00	221.06 -14.00 0.00	163.64 -13.52 0.00	154.43 -13.00 10.84	138.39 -15.09 28.21	170.95 -14.37 0.00	179.37 -11.31 0.00

BINGHAMTON___COGEN 23790	154.60 -0.56 0.00	158.07 -0.06 0.00	170.45 -0.07 0.00	174.06 -0.22 0.00	182.56 -0.30 0.00	163.42 0.76 0.00	196.45 0.71 0.00	269.80 0.52 0.00	216.37 0.72 0.00	193.36 0.66 0.00	229.94 0.04 0.00	215.20 0.51 0.00	193.06 0.64 0.00	173.90 1.23 0.00	163.80 0.98 0.00	187.98 0.98 0.00	199.57 0.09 0.00	512.79 1.31 0.00	236.02 0.95 0.00	177.73 0.58 0.00	178.97 0.70 0.00	182.19 0.50 0.00	185.40 0.08 0.00	191.32 0.65 0.00
BIXINCNT_115KV_LOAD 355685	145.42 -9.74 0.00	150.25 -7.88 0.00	161.79 -8.73 0.00	165.07 -9.21 0.00	174.63 -8.24 0.00	158.02 -4.64 0.00	187.28 -8.46 0.00	259.96 -9.32 0.00	208.73 -6.92 0.00	184.83 -7.88 0.00	221.48 -8.42 0.00	206.44 -8.24 0.00	182.98 -9.45 0.00	162.44 -9.40 0.83	144.81 -9.70 8.31	170.93 -12.89 3.18	185.28 -13.37 0.83	489.53 -21.94 0.00	225.71 -9.36 0.00	166.26 -10.89 0.00	161.32 -9.71 7.24	151.81 -11.03 18.84	176.18 -9.13 0.00	184.74 -5.94 0.00
BLACK RIVER___HYD 24047	158.25 3.10 0.00	160.03 1.90 0.00	172.10 1.58 0.00	175.79 1.52 0.00	185.61 2.74 0.00	167.50 4.84 0.00	201.59 5.85 0.00	280.14 10.86 0.00	220.37 4.71 0.00	196.25 3.54 0.00	237.82 7.92 0.00	220.47 5.78 0.00	197.13 4.71 0.00	179.69 7.02 0.00	169.58 6.76 0.00	196.74 9.74 0.00	212.23 12.75 0.00	547.47 36.00 16.65	251.71 16.65 11.69	188.85 11.69 0.00	188.78 10.51 0.00	186.50 4.82 0.00	185.57 0.25 0.00	194.89 4.22 0.00
BLACKRVR_115KV_TB2 79977	158.27 3.11 0.00	160.03 1.90 0.00	172.10 1.58 0.00	175.79 1.51 0.00	185.63 2.76 0.00	167.50 4.84 0.00	201.59 5.85 0.00	280.16 10.87 0.00	220.37 4.71 0.00	196.25 3.55 0.00	237.82 7.92 0.00	220.47 5.78 0.00	197.14 4.71 0.00	179.68 7.01 0.00	169.58 6.76 0.00	196.74 9.74 0.00	212.23 12.75 0.00	547.51 36.03 16.65	251.71 16.65 11.69	188.85 11.69 0.00	188.78 10.51 0.00	186.50 4.81 0.00	185.55 0.23 0.00	194.90 4.22 0.00
BLISS_WT_PWR 323608	144.85 -10.31 0.00	149.90 -8.23 0.00	161.36 -9.16 0.00	164.63 -9.64 0.00	174.59 -8.27 0.00	158.12 -4.54 0.00	187.44 -8.30 0.00	260.11 -9.17 0.00	208.85 -6.80 0.00	184.79 -7.91 0.00	221.48 -8.42 0.00	206.29 -8.40 0.00	182.61 -9.82 0.00	161.96 -9.88 0.83	144.21 -10.30 8.31	170.08 -13.75 3.18	184.57 -14.07 0.83	488.75 -22.72 0.00	225.42 -9.64 0.00	165.69 -11.47 0.00	160.94 -10.08 7.24	151.63 -11.21 18.84	176.12 -9.20 0.00	184.68 -6.00 0.00
BLUESTONE___WT_PWR 323821	159.17 4.01 0.00	164.64 6.51 0.00	177.03 6.51 0.00	180.75 6.48 0.00	188.29 5.42 0.00	171.34 8.68 0.00	207.45 11.71 0.00	282.63 13.34 0.00	227.68 12.02 0.00	206.14 13.43 0.00	246.13 16.23 0.00	230.46 15.77 0.00	204.60 12.17 0.00	183.93 11.26 0.00	175.00 12.19 0.00	201.64 14.63 0.00	216.21 16.73 0.00	557.54 46.07 20.52	255.58 20.52 13.02	190.18 13.02 10.91	189.18 10.91 11.72	193.41 11.72 11.01	196.33 11.01 11.79	202.47 11.79 0.00
BLUE_CIRC_CHEM_DRP 24182	160.09 4.93 0.00	163.15 5.02 0.00	176.35 5.83 0.00	180.13 5.85 0.00	189.19 6.33 0.00	168.87 6.21 0.00	202.99 7.25 0.00	277.85 8.57 0.00	223.42 7.77 0.00	200.21 7.51 0.00	237.08 7.18 0.00	221.29 6.61 0.00	199.57 7.15 0.00	179.76 7.09 0.00	169.07 6.25 0.00	193.57 6.57 0.00	204.84 5.37 0.00	523.35 11.87 0.00	239.62 4.56 0.00	181.39 4.23 0.00	182.60 4.34 0.00	187.07 5.39 0.00	191.08 5.76 0.00	196.14 5.46 0.00
BOC_GAS_DRP 24189	159.21 4.05 0.00	162.03 3.91 0.00	175.00 4.48 0.00	178.79 4.52 0.00	187.77 4.91 0.00	167.58 4.92 0.00	201.47 5.73 0.00	275.97 6.68 0.00	221.95 6.29 0.00	199.03 6.33 0.00	235.81 5.92 0.00	220.40 5.72 0.00	198.85 6.43 0.00	179.23 6.56 0.00	168.70 5.88 0.00	193.02 6.02 0.00	204.20 4.73 0.00	521.07 9.60 0.00	238.66 3.60 0.00	180.73 3.58 0.00	181.98 3.71 0.00	186.30 4.62 0.00	189.98 4.67 0.00	194.85 4.17 0.00
BOONVILLE_115KV_TB1 79983	158.39 3.23 0.00	161.22 3.10 0.00	173.91 3.39 0.00	178.11 3.84 0.00	186.91 4.04 0.00	167.33 4.67 0.00	201.86 6.12 0.00	279.02 9.73 0.00	221.99 6.33 0.00	198.21 5.51 0.00	237.54 7.64 0.00	220.37 5.68 0.00	197.74 5.32 0.00	178.37 5.70 0.00	168.43 5.61 0.00	194.62 7.62 0.00	208.64 9.16 0.00	536.60 25.12 11.56	246.62 11.56 8.34	185.50 8.34 7.89	186.16 7.89 5.10	186.79 5.10 3.61	188.93 3.61 5.08	195.76 5.08 0.00
BORALEX_4TH_BRANCH 23824	162.97 7.81 0.00	166.06 7.93 0.00	179.10 8.58 0.00	182.71 8.44 0.00	191.67 8.80 0.00	172.05 9.40 0.00	206.31 10.57 0.00	281.52 12.23 0.00	226.35 10.69 0.00	202.79 10.09 0.00	241.16 11.26 0.00	224.74 10.05 0.00	203.60 11.11 -0.06	184.01 11.34 0.00	173.57 10.75 0.00	197.68 10.67 0.00	208.11 8.63 0.00	531.34 19.86 0.00	242.64 7.58 0.00	183.55 6.40 0.00	185.60 7.33 0.00	191.05 9.36 0.00	193.81 8.49 0.00	198.90 8.22 0.00
BOWLINE___1 23526	162.80 7.64 0.00	165.06 6.93 0.00	177.12 6.60 0.00	180.91 6.64 0.00	190.47 7.61 0.00	171.23 8.57 0.00	206.08 10.34 0.00	282.09 12.80 0.00	226.74 11.09 0.00	203.86 11.16 0.00	240.25 10.35 0.00	225.75 11.06 0.00	203.98 12.19 0.63	185.13 12.47 0.00	174.66 11.84 0.00	199.75 12.75 0.00	211.26 11.78 0.00	536.73 25.26 0.00	245.56 10.50 0.00	186.88 9.73 0.00	187.90 9.63 0.00	191.82 10.13 0.00	194.38 9.06 0.00	198.54 7.86 0.00
BOWLINE___2 23595	162.81 7.65 0.00	165.16 7.03 0.00	177.16 6.64 0.00	180.97 6.69 0.00	190.60 7.73 0.00	171.31 8.65 0.00	206.18 10.44 0.00	282.20 12.91 0.00	226.76 11.11 0.00	203.86 11.16 0.00	240.25 10.35 0.00	225.75 11.06 0.00	203.98 12.19 0.63	185.15 12.48 0.00	174.66 11.84 0.00	199.75 12.75 0.00	211.28 11.80 0.00	536.73 25.26 0.00	245.56 10.50 0.00	186.93 9.77 0.00	187.92 9.66 0.00	191.84 10.15 0.00	194.38 9.06 0.00	198.54 7.86 0.00
BRADY___115KV_TB2 356060	158.65 3.49 0.00	161.61 3.48 0.00	174.12 3.59 0.00	178.13 3.85 0.00	186.12 3.26 0.00	164.32 1.66 0.00	197.46 1.72 0.00	274.00 4.71 0.00	217.94 2.29 0.00	192.22 -0.48 0.00	231.94 2.04 0.00	215.45 0.77 0.00	191.64 -0.78 0.00	170.32 -2.35 0.00	160.76 -2.06 0.00	185.45 -1.56 0.00	201.51 2.03 0.00	522.61 11.13 0.00	241.11 6.04 0.00	180.00 2.84 0.00	180.90 2.63 0.00	184.45 2.77 0.00	189.65 4.33 0.00	196.13 5.45 0.00
BRANSCOMB___SOLAR 323811	163.95 8.79 0.00	166.90 8.77 0.00	180.14 9.62 0.00	183.99 9.71 0.00	193.39 10.52 0.00	173.80 11.15 0.00	209.26 13.52 0.00	286.83 17.55 0.00	229.62 13.97 0.00	205.05 12.34 0.00	243.81 13.91 0.00	227.26 12.57 0.00	204.76 12.34 0.00	184.86 12.19 0.00	174.18 11.36 0.00	199.51 12.50 0.00	211.76 12.28 0.00	542.85 31.38 0.00	248.57 13.50 0.00	187.70 10.55 0.00	189.43 11.16 0.00	193.90 12.21 0.00	196.80 11.48 0.00	201.95 11.28 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	155.57 14.22 13.81	164.06 11.70 5.76	179.77 9.25 0.00	185.41 11.45 0.31	194.54 12.17 0.50	175.53 13.97 1.10	206.00 16.28 6.01	284.68 20.62 5.22	234.27 19.57 0.95	210.19 18.69 1.21	239.59 17.80 8.11	241.07 18.87 -7.51	214.94 19.43 -3.08	197.30 19.39 -5.24	191.76 18.44 -10.50	219.06 20.54 -11.52	230.44 19.73 -11.24	425.72 33.18 118.94	254.77 17.17 -2.54	208.61 16.65 -14.81	206.01 15.78 -11.97	199.10 17.02 -0.39	187.92 16.17 13.57	193.91 13.72 10.48



BRISTLHL_115KV_TB1 79998	151.32 -3.84 0.00	154.30 -3.83 0.00	166.43 -4.09 0.00	170.05 -4.23 0.00	178.45 -4.42 0.00	159.27 -3.39 0.00	191.71 -4.03 0.00	263.05 -6.23 0.00	211.05 -4.61 0.00	188.78 -3.92 0.00	224.22 -5.68 0.00	209.39 -5.30 0.00	188.21 -4.22 0.00	168.94 -3.73 0.00	158.91 -3.91 0.00	182.50 -4.50 0.00	194.85 -4.63 0.00	499.82 -11.65 0.00	229.96 -5.10 0.00	173.76 -3.39 0.00	174.82 -3.45 0.00	177.82 -3.86 0.00	180.86 -4.46 0.00	186.37 -4.31 0.00
BROOKHAVEN___DRP 24191	153.19 14.41 16.38	163.31 11.99 6.81	179.94 9.42 0.00	185.51 11.60 0.37	194.70 12.43 0.60	175.71 14.36 1.32	205.37 16.74 7.10	283.26 20.36 6.38	232.81 20.02 2.87	208.22 18.65 3.13	237.26 17.23 9.86	238.18 17.86 -5.63	211.85 18.56 -0.87	195.05 18.97 -3.41	189.91 18.19 -8.90	217.10 20.26 -9.84	227.76 18.93 -9.35	413.82 27.00 124.66	250.35 14.36 -0.93	205.13 15.32 -12.65	203.98 15.51 -10.20	197.46 16.98 1.21	185.52 16.71 16.50	192.15 13.86 12.38
BROOKLYN_NAVY_YARD 23515	164.84 9.68 0.00	166.89 8.77 0.00	178.51 7.99 0.00	182.29 8.02 0.00	191.85 8.98 0.00	172.83 10.17 0.00	208.09 12.36 0.00	284.77 15.49 0.00	229.33 13.67 0.00	206.81 14.11 0.00	243.11 13.21 0.00	228.95 14.26 0.00	208.71 15.92 -0.36	188.87 16.20 0.00	178.09 15.27 0.00	203.69 16.69 0.00	215.12 15.65 0.00	557.64 34.09 -12.08	249.78 14.72 0.00	190.33 13.18 0.00	191.28 13.01 0.00	195.19 13.50 0.00	197.75 12.43 0.00	201.76 11.08 0.00
BROOKLYN___ARMY_DRP 323595	403.73 11.80 -236.76	376.85 10.77 -207.95	355.01 10.26 -174.23	314.48 10.29 -129.91	314.55 11.38 -120.30	320.48 12.38 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.84 16.07 -634.11	1062.33 16.05 -853.57	1014.97 15.55 -769.52	826.51 16.50 -595.32	777.09 18.26 -566.40	810.73 18.23 -619.83	762.12 16.87 -582.43	1354.37 18.94 -1148.43	600.53 17.57 -383.48	653.67 39.52 -102.68	371.45 17.00 -119.38	410.63 15.07 -218.40	621.41 14.77 -428.37	595.41 15.17 -398.55	677.02 14.38 -477.33	412.97 12.99 -209.31
BROOKVLE_69_KV_TB1 55790	202.57 12.75 -34.66	183.18 11.16 -13.89	180.57 10.04 -0.01	186.38 11.28 -0.82	196.33 12.13 -1.33	178.36 12.76 -2.94	225.54 15.30 -14.49	305.74 19.80 -16.66	269.37 18.58 -35.14	245.86 18.07 -35.09	273.10 18.16 -25.04	276.23 18.62 -42.92	256.56 19.25 -44.88	231.67 19.19 -39.82	221.79 18.16 -40.81	250.14 19.92 -43.21	265.15 18.89 -46.79	562.18 38.21 -12.49	287.06 17.77 -34.22	248.69 15.95 -55.58	239.75 16.24 -45.24	229.02 16.81 -30.52	242.67 15.53 -41.81	229.18 13.24 -25.26
BROOME_2_LFGE 323671	154.58 -0.58 0.00	158.07 -0.06 0.00	170.44 -0.08 0.00	174.04 -0.23 0.00	182.57 -0.30 0.00	163.42 0.76 0.00	196.45 0.71 0.00	269.85 0.57 0.00	216.37 0.72 0.00	193.36 0.66 0.00	229.94 0.05 0.00	215.18 0.50 0.00	193.08 0.66 0.00	173.90 1.23 0.00	163.78 0.96 0.00	187.97 0.97 0.00	199.57 0.09 0.00	512.79 1.32 0.00	236.02 0.96 0.00	177.73 0.57 0.00	178.96 0.69 0.00	182.19 0.50 0.00	185.43 0.11 0.00	191.34 0.67 0.00
BROOME___LFGE 323600	154.58 -0.58 0.00	158.07 -0.06 0.00	170.44 -0.08 0.00	174.04 -0.23 0.00	182.57 -0.30 0.00	163.42 0.76 0.00	196.45 0.71 0.00	269.85 0.57 0.00	216.37 0.72 0.00	193.36 0.66 0.00	229.94 0.05 0.00	215.18 0.50 0.00	193.08 0.66 0.00	173.90 1.23 0.00	163.78 0.96 0.00	187.97 0.97 0.00	199.57 0.09 0.00	512.79 1.32 0.00	236.02 0.96 0.00	177.73 0.57 0.00	178.96 0.69 0.00	182.19 0.50 0.00	185.43 0.11 0.00	191.34 0.67 0.00
BROWNFLS_115KV_TB_3_5 80003	156.27 1.11 0.00	158.75 0.63 0.00	171.12 0.59 0.00	175.18 0.90 0.00	183.28 0.41 0.00	162.71 0.05 0.00	194.98 -0.76 0.00	270.74 1.45 0.00	214.24 -1.41 0.00	190.63 -2.07 0.00	231.26 1.36 0.00	214.30 -0.38 0.00	191.40 -1.03 0.00	172.17 -0.49 0.00	162.62 -0.20 0.00	187.95 0.95 0.00	203.02 3.54 0.00	524.09 12.61 0.00	241.37 6.30 0.00	180.73 3.57 0.00	181.25 2.98 0.00	182.24 0.55 0.00	185.37 0.05 0.00	193.28 2.60 0.00
BROWNSV1_27_KV_LOAD 356125	167.00 11.84 0.00	169.03 10.91 0.00	180.87 10.35 0.00	184.72 10.44 0.00	194.40 11.53 0.00	175.13 12.47 0.00	211.00 15.26 0.00	288.86 19.58 0.00	232.63 16.98 0.00	209.79 17.08 0.00	246.83 16.94 0.00	232.38 17.69 0.00	211.60 18.81 -0.36	191.38 18.71 0.00	180.51 17.69 0.00	206.58 19.58 0.00	218.18 18.70 0.00	553.85 42.38 0.00	253.50 18.44 0.00	193.12 15.97 0.00	194.10 15.83 0.00	197.97 16.28 0.00	200.45 15.13 0.00	204.44 13.76 0.00
BURROWS___LYONSDAL 23803	157.43 2.27 0.00	160.13 2.00 0.00	172.79 2.27 0.00	177.05 2.78 0.00	185.79 2.92 0.00	166.39 3.73 0.00	200.64 4.89 0.00	277.76 8.48 0.00	220.41 4.75 0.00	196.83 4.13 0.00	236.67 6.77 0.00	219.30 4.62 0.00	196.86 4.44 0.00	177.84 5.17 0.00	167.99 5.17 0.00	194.47 7.47 0.00	208.73 9.25 0.00	537.04 25.56 0.00	246.90 11.84 0.00	185.60 8.45 0.00	186.10 7.83 0.00	185.73 4.04 0.00	187.46 2.15 0.00	194.78 4.11 0.00
CAITHNESS_CC_1 323624	152.64 13.93 16.45	162.55 11.26 6.83	179.19 8.66 0.00	184.74 10.84 0.37	194.17 11.90 0.60	174.87 13.54 1.32	204.27 15.66 7.13	281.91 19.03 6.41	231.54 18.80 2.92	207.22 17.70 3.18	236.28 16.29 9.91	237.39 17.12 -5.59	211.14 17.91 -0.81	194.31 18.28 -3.36	189.16 17.49 -8.85	216.21 19.42 -9.79	226.96 18.19 -9.30	411.29 24.62 124.80	249.69 13.74 -0.89	204.63 14.88 -12.59	203.34 14.92 -10.16	196.55 16.11 1.25	184.52 15.78 16.58	191.23 12.98 12.43
CALPINE BETH_PAGE_GT4 24209	187.91 13.42 -19.33	177.03 11.23 -7.67	179.98 9.45 0.00	186.05 11.30 -0.48	195.67 12.03 -0.78	177.88 13.50 -1.72	219.67 15.92 -8.01	299.40 20.37 -9.74	258.35 18.97 -23.72	234.62 18.31 -23.61	262.24 17.79 -14.55	264.90 18.50 -31.72	243.24 19.16 -31.66	220.69 19.14 -28.88	212.21 18.16 -31.23	240.28 20.09 -33.19	254.43 19.41 -35.54	501.00 36.36 46.83	276.28 17.91 -23.31	236.54 16.69 -42.68	229.30 16.32 -34.72	219.53 16.85 -20.99	225.51 15.89 -24.30	218.36 13.72 -13.96
CALPINE_BETH_PAGE_GT_4 323586	188.06 13.57 -19.33	177.07 11.27 -7.67	179.96 9.44 0.00	186.05 11.30 -0.48	195.98 12.33 -0.78	177.86 13.48 -1.72	219.67 15.92 -8.01	299.42 20.40 -9.74	258.32 18.95 -23.72	234.65 18.34 -23.61	262.30 17.85 -14.55	264.92 18.51 -31.72	243.25 19.16 -31.66	220.72 19.17 -28.88	212.22 18.17 -31.23	240.30 20.11 -33.19	254.43 19.41 -35.54	500.38 35.74 46.83	276.26 17.89 -23.31	236.54 16.69 -42.68	229.30 16.32 -34.72	219.54 16.86 -20.99	225.50 15.88 -24.30	218.37 13.74 -13.96
CALPINE_BP_GT1 23823	188.06 13.57 -19.33	177.07 11.27 -7.67	179.96 9.44 0.00	186.05 11.30 -0.48	195.98 12.33 -0.78	177.86 13.48 -1.72	219.67 15.92 -8.01	299.42 20.40 -9.74	258.32 18.95 -23.72	234.65 18.34 -23.61	262.30 17.85 -14.55	264.92 18.51 -31.72	243.25 19.16 -31.66	220.72 19.17 -28.88	212.22 18.17 -31.23	240.30 20.11 -33.19	254.43 19.41 -35.54	500.38 35.74 46.83	276.26 17.89 -23.31	236.54 16.69 -42.68	229.30 16.32 -34.72	219.54 16.86 -20.99	225.50 15.88 -24.30	218.37 13.74 -13.96
CALSPAN___DRP 24200	142.42 -12.74 0.00	146.49 -11.63 0.00	157.90 -12.63 0.00	161.32 -12.95 0.00	169.56 -13.30 0.00	152.75 -9.91 0.00	180.88 -14.86 0.00	251.06 -18.23 0.00	202.17 -13.48 0.00	179.53 -13.17 0.00	215.65 -14.25 0.00	200.74 -13.95 0.00	178.97 -13.45 0.00	157.65 -13.71 1.32	135.84 -13.77 13.21	165.43 -16.52 5.05	180.69 -17.47 1.32	477.55 -33.93 0.00	219.94 -15.12 0.00	162.84 -14.32 0.00	152.87 -13.87 11.52	135.68 -16.03 29.98	170.00 -15.32 0.00	178.48 -12.19 0.00

CALVERTON___SOLAR 323806	154.19 15.38 16.36	164.17 12.84 6.80	180.85 10.34 0.00	186.47 12.56 0.37	196.07 13.80 0.60	176.64 15.30 1.32	206.54 17.89 7.09	284.71 21.79 6.37	234.15 21.34 2.85	209.32 19.73 3.11	238.54 18.49 9.85	239.06 18.72 -5.65	212.72 19.41 -0.89	195.92 19.83 -3.43	190.77 19.04 -8.91	218.09 21.23 -9.85	228.67 19.82 -9.37	414.98 28.11 124.61	251.12 15.11 -0.95	205.78 15.96 -12.67	204.83 16.35 -10.22	198.43 17.94 1.19	186.67 17.82 16.47	193.25 14.94 12.36
CANDIGU_WT_PWR 323617	145.29 -9.87 0.00	149.48 -8.64 0.00	161.94 -8.58 0.00	165.97 -8.30 0.00	174.75 -8.12 0.00	157.34 -5.32 0.00	187.13 -8.61 0.00	258.47 -10.82 0.00	207.43 -8.23 0.00	184.51 -8.20 0.00	220.07 -9.83 0.00	205.31 -9.37 0.00	182.73 -9.69 0.00	156.49 -8.95 7.22	81.06 -9.25 72.51	149.25 -10.04 27.72	180.97 -11.25 7.26	491.59 -19.89 0.00	227.20 -7.86 0.00	169.06 -8.09 0.01	107.13 -7.90 63.24	8.31 -8.90 164.49	176.57 -8.75 0.00	184.26 -6.41 0.00
CARR STREET_E__SYR 24060	151.86 -3.30 0.00	154.93 -3.19 0.00	167.07 -3.45 0.00	170.67 -3.61 0.00	179.17 -3.70 0.00	160.05 -2.61 0.00	192.60 -3.14 0.00	264.53 -4.76 0.00	212.24 -3.42 0.00	189.73 -2.97 0.00	225.50 -4.40 0.00	210.53 -4.16 0.00	189.09 -3.34 0.00	169.85 -2.82 0.00	159.96 -2.86 0.00	183.67 -3.33 0.00	195.72 -3.76 0.00	502.20 -9.27 0.00	230.98 -4.08 0.00	174.22 -2.94 0.00	175.34 -2.93 0.00	178.25 -3.44 0.00	181.35 -3.97 0.00	186.94 -3.74 0.00
CARTHAGE___PAPER 23857	158.34 3.18 0.00	160.37 2.25 0.00	172.70 2.18 0.00	176.70 2.43 0.00	186.02 3.15 0.00	167.20 4.54 0.00	201.35 5.61 0.00	279.82 10.53 0.00	220.33 4.68 0.00	196.31 3.61 0.00	238.05 8.15 0.00	220.39 5.71 0.00	197.24 4.82 0.00	179.18 6.51 0.00	169.23 6.41 0.00	196.54 9.53 0.00	212.07 12.59 0.00	546.79 35.31 0.00	251.50 16.44 0.00	188.57 11.41 0.00	188.57 10.30 0.00	186.54 4.86 0.00	186.62 1.30 0.00	195.57 4.89 0.00
CASSADAGA_WT_PWR 323784	141.30 -13.86 0.00	146.01 -12.12 0.00	157.86 -12.66 0.00	161.67 -12.61 0.00	170.65 -12.21 0.00	154.15 -8.51 0.00	184.35 -11.39 0.00	257.25 -12.03 0.00	206.46 -9.19 0.00	181.76 -10.94 0.00	217.15 -12.75 0.00	202.07 -12.61 0.00	178.71 -13.71 0.00	158.41 -13.27 0.99	140.59 -12.24 9.99	168.63 -14.56 3.82	184.19 -14.28 1.00	485.06 -26.42 0.00	223.53 -11.53 0.00	164.47 -12.69 0.00	156.22 -13.34 8.71	144.19 -14.83 22.67	172.24 -13.08 0.00	180.99 -9.69 0.00
CE_DUNWOOD___DRP 24194	164.31 9.15 0.00	166.48 8.35 0.00	178.44 7.92 0.00	182.29 8.01 0.00	191.83 8.97 0.00	172.55 9.89 0.00	207.68 11.94 0.00	284.38 15.10 0.00	228.81 13.15 0.00	205.95 13.25 0.00	242.65 12.75 0.00	228.04 13.35 0.00	207.26 14.45 -0.39	187.25 14.58 0.00	176.69 13.87 0.00	202.09 15.09 0.00	213.55 14.07 0.00	542.29 30.81 0.00	248.13 13.07 0.00	188.90 11.75 0.00	190.00 11.73 0.00	193.91 12.22 0.00	196.47 11.15 0.00	200.59 9.92 0.00
CE_MILLWOOD___DRP 24193	163.94 8.78 0.00	166.13 8.01 0.00	178.17 7.65 0.00	181.99 7.71 0.00	191.52 8.65 0.00	172.20 9.54 0.00	207.29 11.55 0.00	283.79 14.51 0.00	228.27 12.62 0.00	205.41 12.70 0.00	242.10 12.20 0.00	227.44 12.76 0.00	206.67 13.84 -0.41	186.69 14.02 0.00	176.12 13.30 0.00	201.43 14.43 0.00	212.92 13.44 0.00	540.79 29.31 0.00	247.48 12.42 0.00	188.37 11.21 0.00	189.43 11.16 0.00	193.40 11.71 0.00	195.91 10.59 0.00	200.10 9.43 0.00
CE_NYC2_DRP 24202	165.88 10.72 0.00	167.75 9.62 0.00	179.46 8.93 0.00	183.19 8.91 0.00	192.84 9.97 0.00	173.81 11.15 0.00	209.00 13.26 0.00	285.80 16.51 0.00	230.10 14.44 0.00	207.66 14.96 0.00	243.85 13.95 0.00	229.49 14.80 0.00	209.64 16.85 -0.36	190.06 17.06 -0.33	186.49 16.10 -7.57	204.68 17.67 0.00	215.84 16.37 0.00	547.12 35.64 0.00	250.27 15.21 0.00	191.02 13.87 0.00	191.86 13.59 0.00	195.76 14.07 0.00	198.27 12.95 0.00	202.17 11.50 0.00
CE_NYC_DRP 24195	165.29 10.14 0.00	167.36 9.23 0.00	179.16 8.64 0.00	182.97 8.70 0.00	192.52 9.65 0.00	173.35 10.69 0.00	208.71 12.97 0.00	285.66 16.37 0.00	230.09 14.43 0.00	207.56 14.85 0.00	244.09 14.20 0.00	229.85 15.17 0.00	209.38 16.59 -0.36	189.37 16.70 0.00	178.61 15.79 0.00	204.37 17.36 0.00	215.82 16.34 0.00	547.54 36.07 0.00	250.66 15.60 0.00	191.00 13.84 0.00	191.88 13.61 0.00	195.79 14.10 0.00	198.23 12.91 0.00	202.25 11.57 0.00
CHAFFEE___LFGE 323603	143.95 -11.21 0.00	148.08 -10.05 0.00	159.59 -10.94 0.00	162.96 -11.32 0.00	171.22 -11.64 0.00	154.28 -8.38 0.00	182.80 -12.94 0.00	253.72 -15.56 0.00	204.44 -11.21 0.00	181.56 -11.14 0.00	218.10 -11.79 0.00	203.07 -11.62 0.00	181.20 -11.22 0.00	159.96 -11.64 1.07	140.35 -11.74 10.74	168.60 -14.30 4.10	183.23 -15.17 1.07	483.26 -28.21 0.00	222.65 -12.41 0.00	164.88 -12.28 0.00	157.26 -11.65 9.36	143.72 -13.61 24.36	172.06 -13.26 0.00	180.34 -10.34 0.00
CHATEAUG_35_KV_LOAD 355732	155.66 0.49 0.00	157.31 -0.81 0.00	169.41 -1.11 0.00	173.35 -0.93 0.00	181.12 -1.75 0.00	161.01 -1.66 0.00	194.61 -1.13 0.00	269.93 0.64 0.00	215.92 0.27 0.00	191.91 -0.79 0.00	229.36 -0.53 0.00	213.20 -1.48 0.00	189.17 -3.25 0.00	168.36 -4.31 0.00	159.58 -3.24 0.00	184.41 -2.59 0.00	200.08 0.60 0.00	518.51 7.03 0.00	238.87 3.80 0.00	178.28 1.12 0.00	179.39 1.13 0.00	182.16 0.48 0.00	186.49 1.17 0.00	192.25 1.57 0.00
CHATEAUG_WT_PWR 323614	155.20 0.04 0.00	156.86 -1.27 0.00	168.97 -1.55 0.00	172.82 -1.45 0.00	180.54 -2.32 0.00	160.61 -2.05 0.00	194.04 -1.70 0.00	268.85 -0.44 0.00	215.09 -0.57 0.00	191.30 -1.40 0.00	228.72 -1.18 0.00	212.79 -1.89 0.00	189.17 -3.25 0.00	168.45 -4.22 0.00	159.56 -3.26 0.00	184.33 -2.67 0.00	199.34 -0.14 0.00	516.36 4.89 0.00	237.74 2.67 0.00	177.60 0.44 0.00	178.68 0.41 0.00	181.53 -0.16 0.00	185.72 0.40 0.00	191.55 0.88 0.00
CHAT_HIGH_FALL_HYD 323578	155.66 0.49 0.00	157.31 -0.81 0.00	169.41 -1.11 0.00	173.35 -0.93 0.00	181.12 -1.75 0.00	161.01 -1.66 0.00	194.61 -1.13 0.00	269.93 0.64 0.00	215.92 0.27 0.00	191.91 -0.79 0.00	229.36 -0.53 0.00	213.20 -1.48 0.00	189.17 -3.25 0.00	168.36 -4.31 0.00	159.58 -3.24 0.00	184.41 -2.59 0.00	200.08 0.60 0.00	518.51 7.03 0.00	238.87 3.80 0.00	178.28 1.12 0.00	179.39 1.13 0.00	182.16 0.48 0.00	186.49 1.17 0.00	192.25 1.57 0.00
CHAUTAUQUA___LFGE 323629	141.64 -13.51 0.00	146.07 -12.06 0.00	157.78 -12.74 0.00	161.34 -12.94 0.00	170.14 -12.73 0.00	153.37 -9.29 0.00	182.62 -13.12 0.00	254.36 -14.93 0.00	204.54 -11.11 0.00	180.72 -11.98 0.00	216.58 -13.32 0.00	201.33 -13.35 0.00	178.78 -13.64 0.00	157.61 -13.83 1.23	137.08 -13.37 12.37	166.43 -15.84 4.73	182.08 -16.16 1.24	481.40 -30.08 0.00	221.93 -13.13 0.00	163.44 -13.71 0.00	153.80 -13.68 10.79	138.24 -15.38 28.07	171.19 -14.12 0.00	179.71 -10.97 0.00
CHERRYST_13_KV_LD 356241	165.77 10.61 0.00	167.88 9.75 0.00	179.68 9.15 0.00	183.52 9.25 0.00	193.16 10.29 0.00	173.94 11.27 0.00	209.46 13.72 0.00	286.73 17.45 0.00	231.05 15.39 0.00	208.36 15.66 0.00	245.22 15.33 0.00	230.90 16.21 0.00	210.33 17.54 -0.36	190.19 17.52 0.00	179.37 16.55 0.00	205.19 18.19 0.00	216.72 17.24 0.00	549.98 38.51 0.00	251.71 16.65 0.00	191.70 14.55 0.00	192.59 14.33 0.00	196.50 14.82 0.00	198.94 13.62 0.00	202.96 12.29 0.00

CHESTROR_138KV_BK263 355645	162.19 7.03 0.00	164.66 6.53 0.00	176.97 6.44 0.00	180.78 6.51 0.00	190.23 7.36 0.00	170.74 8.08 0.00	205.57 9.83 0.00	281.69 12.41 0.00	226.37 10.72 0.00	203.37 10.67 0.00	240.03 10.13 0.00	225.26 10.57 0.00	203.45 11.43 0.40	184.27 11.60 0.00	173.83 11.01 0.00	198.93 11.93 0.00	210.51 11.03 0.00	535.81 24.33 0.00	245.25 10.19 0.00	186.39 9.23 0.00	187.43 9.16 0.00	191.32 9.64 0.00	193.92 8.60 0.00	198.31 7.64 0.00
CH_MIDHUDSON___DRP 24192	164.30 9.14 0.00	166.73 8.61 0.00	179.11 8.59 0.00	183.03 8.76 0.00	192.47 9.60 0.00	172.89 10.24 0.00	208.21 12.47 0.00	285.30 16.02 0.00	229.50 13.84 0.00	206.23 13.52 0.00	243.48 13.58 0.00	228.28 13.60 0.00	206.65 14.22 0.00	186.89 14.22 0.00	176.33 13.51 0.00	201.67 14.67 0.00	213.27 13.79 0.00	542.93 31.45 0.00	248.52 13.46 0.00	188.86 11.71 0.00	189.89 11.63 0.00	193.85 12.16 0.00	196.51 11.19 0.00	200.86 10.18 0.00
CH_MISC_IPPS 23765	165.27 10.11 0.00	167.68 9.56 0.00	180.07 9.55 0.00	184.04 9.77 0.00	193.64 10.77 0.00	173.98 11.32 0.00	209.62 13.88 0.00	287.41 18.12 0.00	231.12 15.46 0.00	207.68 14.97 0.00	245.15 15.25 0.00	229.88 15.19 0.00	208.04 15.62 0.00	188.15 15.48 0.00	177.51 14.69 0.00	203.09 16.09 0.00	214.88 15.40 0.00	547.14 35.66 0.00	250.51 15.45 0.00	190.37 13.21 0.00	191.33 13.07 0.00	195.19 13.50 0.00	197.78 12.46 0.00	202.14 11.47 0.00
CH_RES_BVR_FALLS 23983	153.93 -1.23 0.00	157.09 -1.04 0.00	168.99 -1.53 0.00	172.82 -1.45 0.00	181.52 -1.35 0.00	160.94 -1.72 0.00	193.78 -1.97 0.00	267.28 -2.01 0.00	213.84 -1.81 0.00	190.62 -2.08 0.00	227.90 -2.00 0.00	212.22 -2.46 0.00	189.97 -2.45 0.00	170.33 -2.34 0.00	161.32 -1.50 0.00	185.91 -1.09 0.00	199.11 -0.36 0.00	511.81 0.33 0.00	235.53 0.47 0.00	176.90 -0.25 0.00	177.24 -1.03 0.00	179.75 -1.93 0.00	183.79 -1.53 0.00	189.67 -1.01 0.00
CH_RES_NIAGARA 23895	137.61 -17.55 0.00	141.55 -16.58 0.00	152.47 -18.05 0.00	155.70 -18.57 0.00	163.51 -19.36 0.00	147.10 -15.55 0.00	173.44 -22.30 0.00	240.35 -28.93 0.00	193.76 -21.89 0.00	172.18 -20.52 0.00	207.28 -22.62 0.00	192.53 -22.16 0.00	172.13 -20.30 0.00	151.51 -20.15 1.01	133.05 -19.68 10.10	159.49 -23.65 3.86	173.15 -25.32 1.01	456.60 -54.88 0.00	210.14 -24.93 0.00	155.64 -21.51 0.00	148.94 -20.52 8.81	136.16 -22.61 22.91	162.62 -22.70 0.00	171.38 -19.29 0.00
CH_RES_SYRACUSE 23985	153.29 -1.87 0.00	156.38 -1.74 0.00	168.62 -1.90 0.00	172.28 -2.00 0.00	180.85 -2.02 0.00	161.54 -1.12 0.00	194.57 -1.17 0.00	267.16 -2.13 0.00	214.17 -1.48 0.00	191.41 -1.29 0.00	227.35 -2.55 0.00	212.27 -2.41 0.00	190.59 -1.83 0.00	171.20 -1.47 0.00	161.13 -1.69 0.00	185.17 -1.84 0.00	197.44 -2.03 0.00	506.63 -4.84 0.00	233.14 -1.93 0.00	175.94 -1.21 0.00	176.95 -1.32 0.00	179.97 -1.71 0.00	183.04 -2.28 0.00	188.73 -1.94 0.00
CLINTON_WT_PWR 323605	155.20 0.04 0.00	156.86 -1.27 0.00	168.97 -1.55 0.00	172.82 -1.45 0.00	180.54 -2.32 0.00	160.61 -2.05 0.00	194.04 -1.70 0.00	268.85 -0.44 0.00	215.09 -0.57 0.00	191.30 -1.40 0.00	228.72 -1.18 0.00	212.79 -1.89 0.00	189.17 -3.25 0.00	168.45 -4.22 0.00	159.56 -3.26 0.00	184.33 -2.67 0.00	199.34 -0.14 0.00	516.36 4.89 0.00	237.74 2.67 0.00	177.60 0.44 0.00	178.68 0.41 0.00	181.53 -0.16 0.00	185.72 0.40 0.00	191.55 0.88 0.00
CLINTON___LFGE 323618	157.40 2.24 0.00	159.06 0.93 0.00	171.29 0.77 0.00	175.03 0.76 0.00	182.99 0.13 0.00	163.38 0.72 0.00	197.75 2.01 0.00	273.84 4.55 0.00	219.07 3.42 0.00	195.01 2.30 0.00	232.67 2.77 0.00	215.93 1.24 0.00	192.41 -0.01 0.00	171.36 -1.31 0.00	162.36 -0.46 0.00	187.55 0.55 0.00	202.82 3.34 0.00	526.37 14.89 0.00	242.30 7.24 0.00	181.24 4.09 0.00	182.51 4.24 0.00	184.96 3.28 0.00	188.85 3.53 0.00	194.69 4.02 0.00
COBBLENY_34_KV_TB1 80064	144.00 -11.16 0.00	148.10 -10.03 0.00	159.59 -10.93 0.00	162.96 -11.31 0.00	171.22 -11.64 0.00	154.32 -8.34 0.00	182.83 -12.91 0.00	253.87 -15.42 0.00	204.44 -11.22 0.00	181.58 -11.12 0.00	218.08 -11.81 0.00	203.10 -11.58 0.00	181.17 -11.25 0.00	159.93 -11.68 1.07	140.34 -11.74 10.74	168.59 -14.31 4.10	183.24 -15.17 1.07	483.29 -28.19 0.00	222.67 -12.39 0.00	164.92 -12.24 0.00	157.16 -11.75 9.36	143.46 -13.86 24.36	172.03 -13.29 0.00	180.41 -10.27 0.00
COFFEEN___115KV_TB3 355620	159.61 4.45 0.00	161.33 3.21 0.00	173.51 2.98 0.00	177.29 3.01 0.00	187.23 4.36 0.00	169.02 6.36 0.00	203.56 7.82 0.00	282.86 13.58 0.00	222.74 7.08 0.00	198.27 5.56 0.00	240.06 10.16 0.00	222.63 7.95 0.00	199.17 6.75 0.00	181.25 8.58 0.00	170.97 8.15 0.00	198.54 11.53 0.00	214.18 14.70 0.00	552.74 41.26 0.00	254.17 19.10 0.00	190.60 13.44 0.00	190.53 12.26 0.00	188.32 6.63 0.00	187.40 2.09 0.00	196.54 5.87 0.00
COLDSPRG_115KV_BK1 355956	147.63 -7.53 0.00	152.09 -6.04 0.00	164.05 -6.47 0.00	167.67 -6.61 0.00	176.14 -6.73 0.00	159.08 -3.57 0.00	189.50 -6.23 0.00	263.88 -5.40 0.00	211.67 -3.99 0.00	187.34 -5.36 0.00	224.18 -5.72 0.00	209.06 -5.62 0.00	185.85 -6.57 0.00	166.14 -5.91 0.62	151.12 -5.47 6.23	177.27 -7.35 2.38	191.16 -7.70 0.62	499.77 -11.71 0.00	230.03 -5.03 0.00	170.43 -6.72 0.00	166.50 -6.34 5.43	159.96 -7.59 14.14	179.01 -6.31 0.00	187.23 -3.45 0.00
COLONIE_LFGE___ 323577	161.51 6.35 0.00	164.41 6.28 0.00	177.38 6.86 0.00	181.20 6.93 0.00	190.33 7.46 0.00	170.57 7.91 0.00	205.01 9.26 0.00	280.68 11.39 0.00	225.32 9.66 0.00	201.77 9.06 0.00	239.76 9.86 0.00	223.62 8.93 0.00	201.93 9.50 0.00	182.18 9.51 0.00	171.60 8.78 0.00	196.11 9.10 0.00	207.50 8.03 0.00	530.45 18.97 0.00	242.71 7.65 0.00	183.56 6.40 0.00	185.14 6.87 0.00	189.80 8.11 0.00	192.96 7.64 0.00	198.07 7.40 0.00
COOPERNY_115KV_TB1 80082	160.32 5.16 0.00	162.94 4.81 0.00	175.39 4.87 0.00	179.20 4.92 0.00	188.44 5.58 0.00	168.73 6.07 0.00	203.13 7.39 0.00	278.63 9.34 0.00	223.73 8.08 0.00	200.69 7.99 0.00	237.37 7.47 0.00	222.51 7.83 0.00	200.72 8.48 0.19	181.29 8.62 0.00	171.00 8.18 0.00	195.89 8.88 0.00	207.65 8.18 0.00	529.28 17.80 0.00	242.58 7.51 0.00	184.04 6.88 0.00	185.11 6.84 0.00	188.87 7.18 0.00	191.65 6.33 0.00	196.36 5.68 0.00
COPENHAGEN_WT_PWR 323753	156.83 1.68 0.00	158.39 0.26 0.00	170.15 -0.37 0.00	173.55 -0.72 0.00	183.68 0.81 0.00	166.02 3.36 0.00	199.52 3.78 0.00	277.37 8.09 0.00	217.60 1.94 0.00	193.68 0.98 0.00	235.19 5.29 0.00	217.88 3.19 0.00	194.60 2.18 0.00	178.20 5.53 0.00	168.30 5.48 0.00	195.06 8.06 0.00	210.34 10.86 0.00	542.61 31.13 0.00	249.49 14.42 0.00	187.26 10.11 0.00	187.17 8.90 0.00	184.42 2.73 0.00	182.65 -2.67 0.00	192.75 2.08 0.00
CORNELL_____ 23752	157.71 2.55 0.00	161.12 2.99 0.00	173.64 3.11 0.00	177.28 3.01 0.00	186.10 3.24 0.00	166.72 4.06 0.00	201.18 5.44 0.00	276.77 7.48 0.00	221.80 6.14 0.00	197.93 5.24 0.00	234.95 5.05 0.00	218.63 3.95 0.00	195.44 3.01 0.00	176.13 3.03 -0.44	170.06 2.86 -4.38	192.59 3.92 -1.67	204.26 4.35 -0.44	525.47 13.99 0.00	241.98 6.92 0.00	182.19 5.04 0.00	187.01 4.86 -3.88	196.07 4.45 -9.93	189.10 3.79 0.00	195.13 4.45 0.00

CORONA V_69 KV_TB1 355595	379.26 13.11 -210.99	254.51 10.99 -85.39	180.40 9.85 -0.03	190.18 11.57 -4.33	202.17 12.25 -7.05	191.90 13.69 -15.56	300.99 16.15 -89.11	385.92 20.38 -96.26	400.56 18.48 -166.42	377.65 17.81 -167.14	393.13 17.62 -145.61	404.71 18.28 -171.75	408.25 18.90 -196.92	356.88 18.62 -165.60	331.55 17.64 -151.09	364.96 19.44 -158.52	394.47 18.85 -176.14	822.89 37.03 -274.38	393.00 18.00 -139.93	397.33 16.27 -203.90	360.60 16.04 -166.29	338.40 16.57 -140.14	444.51 15.91 -243.29	359.99 14.00 -155.32
CORTLAND_115KV_TB3 80093	156.32 1.16 0.00	159.63 1.50 0.00	172.08 1.55 0.00	175.73 1.45 0.00	184.44 1.57 0.00	165.05 2.39 0.00	198.84 3.10 0.00	273.47 4.19 0.00	219.24 3.58 0.00	195.75 3.05 0.00	232.54 2.64 0.00	216.98 2.30 0.00	194.49 2.07 0.00	174.95 2.28 0.00	164.78 1.96 0.00	189.56 2.56 0.00	201.95 2.48 0.00	519.28 7.81 0.00	238.93 3.87 0.00	180.00 2.84 0.00	181.08 2.81 0.00	184.11 2.42 0.00	187.15 1.84 0.00	192.93 2.26 0.00
COXSACKIE__GT 23611	167.70 12.54 0.00	170.88 12.75 0.00	184.84 14.32 0.00	188.91 14.64 0.00	198.49 15.62 0.00	177.90 15.24 0.00	214.88 19.14 0.00	295.01 25.72 0.00	237.94 22.28 0.00	212.98 20.28 0.00	251.91 22.01 0.00	234.50 19.82 0.00	210.79 18.36 0.00	189.42 16.75 0.00	178.16 15.34 0.00	204.32 17.32 0.00	216.62 17.14 0.00	557.14 45.67 0.00	255.17 20.10 0.00	192.27 15.12 0.00	193.20 14.93 0.00	197.58 15.90 0.00	201.89 16.57 0.00	206.94 16.26 0.00
CPV_VALLEY__CC1 323721	160.90 5.74 0.00	163.33 5.20 0.00	175.57 5.05 0.00	179.36 5.08 0.00	188.70 5.83 0.00	169.26 6.60 0.00	203.77 8.03 0.00	279.29 10.00 0.00	224.34 8.68 0.00	201.54 8.84 0.00	237.82 7.92 0.00	223.21 8.53 0.00	201.63 9.47 0.26	182.46 9.79 0.00	172.13 9.31 0.00	196.99 9.98 0.00	208.51 9.04 0.00	530.46 18.98 0.00	242.90 7.83 0.00	184.65 7.49 0.00	185.68 7.41 0.00	189.55 7.86 0.00	192.16 6.84 0.00	196.63 5.96 0.00
CPV_VALLEY__CC2 323722	160.90 5.74 0.00	163.33 5.20 0.00	175.57 5.05 0.00	179.36 5.08 0.00	188.70 5.83 0.00	169.26 6.60 0.00	203.77 8.03 0.00	279.29 10.00 0.00	224.34 8.68 0.00	201.54 8.84 0.00	237.82 7.92 0.00	223.21 8.53 0.00	201.63 9.47 0.26	182.46 9.79 0.00	172.13 9.31 0.00	196.99 9.98 0.00	208.51 9.04 0.00	530.46 18.98 0.00	242.90 7.83 0.00	184.65 7.49 0.00	185.68 7.41 0.00	189.55 7.86 0.00	192.16 6.84 0.00	196.63 5.96 0.00
CRESCENT__HYD 24018	161.51 6.35 0.00	164.41 6.28 0.00	177.38 6.86 0.00	181.20 6.93 0.00	190.33 7.46 0.00	170.57 7.91 0.00	205.01 9.26 0.00	280.68 11.39 0.00	225.32 9.66 0.00	201.77 9.06 0.00	239.76 9.86 0.00	223.62 8.93 0.00	201.93 9.50 0.00	182.18 9.51 0.00	171.60 8.78 0.00	196.11 9.10 0.00	207.50 8.03 0.00	530.45 18.97 0.00	242.71 7.65 0.00	183.56 6.40 0.00	185.14 6.87 0.00	189.80 8.11 0.00	192.96 7.64 0.00	198.07 7.40 0.00
CRICKET__VALLEY_CC1 323756	162.82 7.66 0.00	165.23 7.11 0.00	177.62 7.10 0.00	181.55 7.28 0.00	190.73 7.86 0.00	171.41 8.75 0.00	206.19 10.45 0.00	282.23 12.95 0.00	227.07 11.42 0.00	204.01 11.31 0.00	241.19 11.29 0.00	225.82 11.13 0.00	204.51 11.95 -0.14	185.01 12.34 0.00	174.53 11.71 0.00	199.31 12.31 0.00	210.47 10.99 0.00	535.81 24.33 0.00	245.09 10.03 0.00	186.24 9.08 0.00	187.22 8.95 0.00	191.38 9.69 0.00	194.15 8.83 0.00	198.68 8.00 0.00
CRICKET__VALLEY_CC2 323757	162.82 7.66 0.00	165.23 7.11 0.00	177.62 7.10 0.00	181.55 7.28 0.00	190.73 7.86 0.00	171.41 8.75 0.00	206.19 10.45 0.00	282.23 12.95 0.00	227.07 11.42 0.00	204.01 11.31 0.00	241.19 11.29 0.00	225.82 11.13 0.00	204.51 11.95 -0.14	185.01 12.34 0.00	174.53 11.71 0.00	199.31 12.31 0.00	210.47 10.99 0.00	535.81 24.33 0.00	245.09 10.03 0.00	186.24 9.08 0.00	187.22 8.95 0.00	191.38 9.69 0.00	194.15 8.83 0.00	198.68 8.00 0.00
CRICKET__VALLEY_CC3 323758	162.82 7.66 0.00	165.23 7.11 0.00	177.62 7.10 0.00	181.55 7.28 0.00	190.73 7.86 0.00	171.41 8.75 0.00	206.19 10.45 0.00	282.23 12.95 0.00	227.07 11.42 0.00	204.01 11.31 0.00	241.19 11.29 0.00	225.82 11.13 0.00	204.51 11.95 -0.14	185.01 12.34 0.00	174.53 11.71 0.00	199.31 12.31 0.00	210.47 10.99 0.00	535.81 24.33 0.00	245.09 10.03 0.00	186.24 9.08 0.00	187.22 8.95 0.00	191.38 9.69 0.00	194.15 8.83 0.00	198.68 8.00 0.00
CRUCIBLE_METL_DRP 24180	153.29 -1.88 0.00	156.38 -1.74 0.00	168.62 -1.90 0.00	172.27 -2.00 0.00	180.84 -2.02 0.00	161.53 -1.13 0.00	194.58 -1.16 0.00	267.17 -2.11 0.00	214.19 -1.47 0.00	191.42 -1.29 0.00	227.35 -2.55 0.00	212.29 -2.39 0.00	190.59 -1.83 0.00	171.20 -1.47 0.00	161.13 -1.70 0.00	185.17 -1.84 0.00	197.44 -2.04 0.00	506.58 -4.89 0.00	233.15 -1.91 0.00	175.94 -1.22 0.00	176.93 -1.34 0.00	179.98 -1.71 0.00	183.03 -2.29 0.00	188.73 -1.95 0.00
DAHOWA__HYDRO 323763	164.86 9.70 0.00	167.86 9.73 0.00	181.18 10.65 0.00	185.04 10.76 0.00	194.57 11.70 0.00	175.01 12.35 0.00	210.88 15.14 0.00	289.12 19.83 0.00	231.37 15.71 0.00	206.48 13.78 0.00	245.53 15.63 0.00	228.84 14.15 0.00	206.08 13.66 0.00	186.10 13.43 0.00	175.41 12.59 0.00	200.92 13.92 0.00	213.24 13.77 0.00	547.04 35.56 0.00	250.49 15.43 0.00	189.10 11.95 0.00	190.88 12.61 0.00	195.41 13.73 0.00	198.24 12.92 0.00	203.45 12.77 0.00
DANC__LFGE 323619	154.57 -0.59 0.00	156.68 -1.45 0.00	168.51 -2.01 0.00	172.05 -2.22 0.00	181.50 -1.37 0.00	163.27 0.61 0.00	196.38 0.64 0.00	271.72 2.44 0.00	214.93 -0.72 0.00	191.62 -1.08 0.00	230.75 0.86 0.00	214.43 -0.26 0.00	192.02 -0.40 0.00	174.57 1.90 0.00	164.55 1.73 0.00	190.08 3.08 0.00	204.10 4.62 0.00	525.34 13.86 0.00	241.62 6.56 0.00	181.74 4.58 0.00	182.10 3.84 0.00	181.59 -0.10 0.00	181.75 -3.57 0.00	190.03 -0.64 0.00
DANSKAMMER__1 23586	165.27 10.11 0.00	167.68 9.56 0.00	180.07 9.55 0.00	184.04 9.77 0.00	193.64 10.77 0.00	173.98 11.32 0.00	209.62 13.88 0.00	287.41 18.12 0.00	231.12 15.46 0.00	207.68 14.97 0.00	245.15 15.25 0.00	229.88 15.19 0.00	208.04 15.62 0.00	188.15 15.48 0.00	177.51 14.69 0.00	203.09 16.09 0.00	214.88 15.40 0.00	547.14 35.66 0.00	250.51 15.45 0.00	190.37 13.21 0.00	191.33 13.07 0.00	195.19 13.50 0.00	197.78 12.46 0.00	202.14 11.47 0.00
DANSKAMMER__2 23589	165.27 10.11 0.00	167.68 9.56 0.00	180.07 9.55 0.00	184.04 9.77 0.00	193.64 10.77 0.00	173.98 11.32 0.00	209.62 13.88 0.00	287.41 18.12 0.00	231.12 15.46 0.00	207.68 14.97 0.00	245.15 15.25 0.00	229.88 15.19 0.00	208.04 15.62 0.00	188.15 15.48 0.00	177.51 14.69 0.00	203.09 16.09 0.00	214.88 15.40 0.00	547.14 35.66 0.00	250.51 15.45 0.00	190.37 13.21 0.00	191.33 13.07 0.00	195.19 13.50 0.00	197.78 12.46 0.00	202.14 11.47 0.00
DANSKAMMER__3 23590	165.27 10.11 0.00	167.68 9.56 0.00	180.07 9.55 0.00	184.04 9.77 0.00	193.64 10.77 0.00	173.98 11.32 0.00	209.62 13.88 0.00	287.41 18.12 0.00	231.12 15.46 0.00	207.68 14.97 0.00	245.15 15.25 0.00	229.88 15.19 0.00	208.04 15.62 0.00	188.15 15.48 0.00	177.51 14.69 0.00	203.09 16.09 0.00	214.88 15.40 0.00	547.14 35.66 0.00	250.51 15.45 0.00	190.37 13.21 0.00	191.33 13.07 0.00	195.19 13.50 0.00	197.78 12.46 0.00	202.14 11.47 0.00

DANSKAMMER___4 23591	165.27 10.11 0.00	167.68 9.56 0.00	180.07 9.55 0.00	184.04 9.77 0.00	193.64 10.77 0.00	173.98 11.32 0.00	209.62 13.88 0.00	287.41 18.12 0.00	231.12 15.46 0.00	207.68 14.97 0.00	245.15 15.25 0.00	229.88 15.19 0.00	208.04 15.62 0.00	188.15 15.48 0.00	177.51 14.69 0.00	203.09 16.09 0.00	214.88 15.40 0.00	547.14 35.66 0.00	250.51 15.45 0.00	190.37 13.21 0.00	191.33 13.07 0.00	195.19 13.50 0.00	197.78 12.46 0.00	202.14 11.47 0.00
DANSKAMMER___DIESEL 23592	165.26 10.10 0.00	167.67 9.54 0.00	180.09 9.57 0.00	184.05 9.77 0.00	193.64 10.77 0.00	173.98 11.32 0.00	209.60 13.86 0.00	287.40 18.12 0.00	231.13 15.48 0.00	207.67 14.97 0.00	245.14 15.24 0.00	229.88 15.20 0.00	208.04 15.62 0.00	188.16 15.49 0.00	177.51 14.69 0.00	203.09 16.08 0.00	214.90 15.42 0.00	547.10 35.62 0.00	250.52 15.45 0.00	190.37 13.21 0.00	191.35 13.08 0.00	195.20 13.51 0.00	197.81 12.49 0.00	202.14 11.46 0.00
DARBY___SOLAR 323810	163.99 8.83 0.00	166.95 8.82 0.00	180.15 9.63 0.00	184.02 9.74 0.00	193.44 10.57 0.00	173.85 11.19 0.00	209.37 13.63 0.00	286.94 17.66 0.00	229.75 14.09 0.00	205.18 12.48 0.00	243.98 14.09 0.00	227.47 12.78 0.00	204.90 12.48 0.00	185.04 12.37 0.00	174.40 11.58 0.00	199.67 12.66 0.00	211.88 12.41 0.00	543.27 31.80 0.00	248.69 13.62 0.00	187.82 10.66 0.00	189.55 11.28 0.00	193.98 12.29 0.00	196.87 11.55 0.00	202.12 11.44 0.00
DASHVILLE___HYD 23610	163.39 8.24 0.00	165.79 7.66 0.00	178.30 7.78 0.00	182.22 7.94 0.00	191.68 8.81 0.00	171.97 9.31 0.00	207.06 11.31 0.00	284.00 14.72 0.00	228.43 12.78 0.00	205.26 12.56 0.00	242.31 12.42 0.00	227.09 12.40 0.00	205.39 12.97 0.00	185.70 13.03 0.00	175.21 12.39 0.00	200.49 13.49 0.00	212.12 12.64 0.00	540.22 28.74 0.00	247.36 12.30 0.00	187.94 10.79 0.00	188.99 10.72 0.00	192.81 11.12 0.00	195.40 10.08 0.00	199.79 9.12 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	156.69 17.84 16.31	167.40 16.06 6.78	184.32 13.80 0.00	190.03 16.12 0.37	199.67 17.40 0.59	180.30 18.95 1.31	211.07 22.40 7.07	289.52 26.59 6.35	238.86 26.02 2.82	213.90 24.29 3.08	243.62 23.54 9.82	242.70 22.33 -5.68	216.28 22.93 -0.92	199.62 23.49 -3.46	194.41 22.65 -8.94	222.24 25.36 -9.88	232.04 23.16 -9.40	424.10 37.13 124.51	255.21 19.18 -0.97	209.00 19.14 -12.70	208.90 20.39 -10.25	202.56 22.04 1.17	190.79 21.90 16.43	197.32 18.98 12.33
DELAWARE___LFGE 323621	160.23 5.07 0.00	163.32 5.20 0.00	176.66 6.14 0.00	180.55 6.27 0.00	189.60 6.73 0.00	169.21 6.55 0.00	203.93 8.19 0.00	280.06 10.77 0.00	224.61 8.96 0.00	201.11 8.41 0.00	238.60 8.71 0.00	223.31 8.63 0.00	200.78 8.35 0.00	180.78 8.11 0.00	170.50 7.68 0.00	195.64 8.64 0.00	208.06 8.58 0.00	532.34 20.86 0.00	244.32 9.26 0.00	184.62 7.46 0.00	185.71 7.44 0.00	189.25 7.57 0.00	192.30 6.98 0.00	197.59 6.91 0.00
DERFIELD_115KV_TB7 355931	155.79 0.63 0.00	158.81 0.68 0.00	171.29 0.77 0.00	175.02 0.74 0.00	183.78 0.91 0.00	163.65 0.99 0.00	196.91 1.18 0.00	270.65 1.37 0.00	216.95 1.29 0.00	194.03 1.33 0.00	231.00 1.11 0.00	215.79 1.11 0.00	193.82 1.39 0.00	174.34 1.67 0.00	164.42 1.60 0.00	188.56 1.56 0.00	200.66 1.19 0.00	513.88 2.40 0.00	235.95 0.89 0.00	178.13 0.98 0.00	179.16 0.89 0.00	182.59 0.91 0.00	186.23 0.91 0.00	191.46 0.79 0.00
DOGLEVILLE___HYD 23807	159.95 4.79 0.00	163.03 4.90 0.00	176.16 5.64 0.00	179.68 5.40 0.00	188.68 5.81 0.00	169.48 6.82 0.00	205.04 9.30 0.00	279.43 10.14 0.00	223.94 8.29 0.00	199.97 7.27 0.00	236.97 7.07 0.00	221.50 6.82 0.00	199.59 7.17 0.00	180.43 7.76 0.00	170.22 7.40 0.00	194.82 7.82 0.00	205.01 5.54 0.00	527.18 15.71 0.00	241.37 6.31 0.00	183.09 5.94 0.00	184.58 6.31 0.00	190.07 8.38 0.00	193.21 7.89 0.00	197.17 6.50 0.00
DUNKIRK___115KV_TB_200 55889	141.82 -13.35 0.00	146.17 -11.96 0.00	157.82 -12.70 0.00	161.38 -12.90 0.00	170.11 -12.76 0.00	153.39 -9.27 0.00	182.45 -13.29 0.00	254.13 -15.15 0.00	204.32 -11.33 0.00	180.70 -12.00 0.00	216.56 -13.34 0.00	201.32 -13.37 0.00	178.83 -13.59 0.00	157.63 -13.78 1.26	136.79 -13.43 12.60	166.30 -15.88 4.82	181.89 -16.33 1.26	481.06 -30.41 0.00	221.77 -13.30 0.00	163.42 -13.74 0.00	153.51 -13.77 10.99	137.42 -15.68 28.59	171.02 -14.30 0.00	179.61 -11.06 0.00
DUNKIRK___1 23563	141.82 -13.35 0.00	146.17 -11.96 0.00	157.82 -12.70 0.00	161.38 -12.90 0.00	170.11 -12.76 0.00	153.39 -9.27 0.00	182.45 -13.29 0.00	254.13 -15.15 0.00	204.32 -11.33 0.00	180.70 -12.00 0.00	216.56 -13.34 0.00	201.32 -13.37 0.00	178.83 -13.59 0.00	157.63 -13.78 1.26	136.79 -13.43 12.60	166.30 -15.88 4.82	181.89 -16.33 1.26	481.06 -30.41 0.00	221.77 -13.30 0.00	163.42 -13.74 0.00	153.51 -13.77 10.99	137.42 -15.68 28.59	171.02 -14.30 0.00	179.61 -11.06 0.00
DUNKIRK___2 23564	141.82 -13.35 0.00	146.17 -11.96 0.00	157.82 -12.70 0.00	161.38 -12.90 0.00	170.11 -12.76 0.00	153.39 -9.27 0.00	182.45 -13.29 0.00	254.13 -15.15 0.00	204.32 -11.33 0.00	180.70 -12.00 0.00	216.56 -13.34 0.00	201.32 -13.37 0.00	178.83 -13.59 0.00	157.63 -13.78 1.26	136.79 -13.43 12.60	166.30 -15.88 4.82	181.89 -16.33 1.26	481.06 -30.41 0.00	221.77 -13.30 0.00	163.42 -13.74 0.00	153.51 -13.77 10.99	137.42 -15.68 28.59	171.02 -14.30 0.00	179.61 -11.06 0.00
DUNKIRK___3 23565	141.94 -13.21 0.00	146.17 -11.96 0.00	157.75 -12.77 0.00	161.22 -13.06 0.00	169.75 -13.11 0.00	153.02 -9.64 0.00	181.71 -14.03 0.00	252.87 -16.41 0.00	203.44 -12.21 0.00	180.17 -12.53 0.00	216.01 -13.89 0.00	200.90 -13.79 0.00	178.75 -13.67 0.00	157.43 -13.86 1.38	135.40 -13.59 13.83	165.53 -16.18 5.29	181.28 -16.81 1.38	479.28 -32.20 0.00	220.93 -14.13 0.00	163.05 -14.11 0.00	152.27 -13.93 12.06	134.40 -15.91 31.38	170.62 -14.70 0.00	179.13 -11.54 0.00
DUNKIRK___4 23566	141.94 -13.21 0.00	146.17 -11.96 0.00	157.75 -12.77 0.00	161.22 -13.06 0.00	169.75 -13.11 0.00	153.02 -9.64 0.00	181.71 -14.03 0.00	252.87 -16.41 0.00	203.44 -12.21 0.00	180.17 -12.53 0.00	216.01 -13.89 0.00	200.90 -13.79 0.00	178.75 -13.67 0.00	157.43 -13.86 1.38	135.40 -13.59 13.83	165.53 -16.18 5.29	181.28 -16.81 1.38	479.28 -32.20 0.00	220.93 -14.13 0.00	163.05 -14.11 0.00	152.27 -13.93 12.06	134.40 -15.91 31.38	170.62 -14.70 0.00	179.13 -11.54 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	164.77 9.60 0.00	166.93 8.81 0.00	178.87 8.34 0.00	182.68 8.41 0.00	192.26 9.39 0.00	172.97 10.31 0.00	208.19 12.45 0.00	285.05 15.76 0.00	229.42 13.77 0.00	206.58 13.87 0.00	243.36 13.46 0.00	228.72 14.04 0.00	207.94 15.15 -0.36	187.95 15.28 0.00	177.36 14.54 0.00	202.85 15.85 0.00	214.35 14.87 0.00	544.04 32.56 0.00	248.96 13.89 0.00	189.57 12.41 0.00	190.65 12.38 0.00	194.59 12.91 0.00	197.08 11.77 0.00	201.18 10.51 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	163.60 8.44 0.00	166.02 7.90 0.00	178.39 7.86 0.00	182.26 7.99 0.00	191.80 8.93 0.00	172.24 9.58 0.00	207.50 11.76 0.00	284.39 15.10 0.00	228.65 13.00 0.00	205.39 12.69 0.00	242.37 12.47 0.00	227.42 12.73 0.00	205.66 13.37 0.14	186.12 13.45 0.00	175.60 12.78 0.00	200.92 13.92 0.00	212.63 13.15 0.00	541.19 29.71 0.00	247.74 12.68 0.00	188.28 11.12 0.00	189.30 11.03 0.00	193.18 11.50 0.00	195.74 10.42 0.00	200.06 9.38 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	165.35 10.19 0.00	167.09 8.96 0.00	178.89 8.37 0.00	182.78 8.51 0.00	192.42 9.55 0.00	173.28 10.62 0.00	208.72 12.98 0.00	285.59 16.30 0.00	230.22 14.57 0.00	207.28 14.58 0.00	243.28 13.38 0.00	229.35 14.66 0.00	209.32 16.53 -0.36	188.96 16.28 -0.01	177.89 15.07 0.00	203.75 16.74 0.00	214.70 15.22 0.00	546.25 34.77 0.00	249.84 14.78 0.00	190.61 13.45 0.00	191.23 12.97 0.00	195.22 13.54 0.00	197.76 12.44 0.00	201.61 10.93 0.00
E179THST_13_KV_LOAD 356214	166.13 10.96 0.00	167.88 9.75 0.00	179.75 9.23 0.00	183.62 9.35 0.00	193.26 10.39 0.00	174.09 11.43 0.00	209.76 14.02 0.00	287.11 17.83 0.00	231.50 15.84 0.00	208.42 15.72 0.00	244.68 14.78 0.00	230.67 15.99 0.00	210.51 17.72 -0.36	190.03 17.35 -0.01	178.88 16.06 0.00	204.93 17.93 0.00	216.01 16.54 0.00	549.70 38.22 0.00	251.39 16.32 0.00	191.73 14.58 0.00	192.37 14.10 0.00	196.33 14.64 0.00	198.86 13.54 0.00	202.74 12.06 0.00
EAST HAMPTON___GT 23717	158.08 19.23 16.31	169.24 17.89 6.78	186.25 15.73 0.00	192.05 18.14 0.37	202.22 19.94 0.59	182.40 21.06 1.31	213.47 24.81 7.07	290.56 27.62 6.35	240.86 28.02 2.82	216.50 26.88 3.08	246.93 26.85 9.82	243.90 23.53 -5.69	218.00 24.65 -0.93	201.84 25.71 -3.46	196.59 24.83 -8.94	224.69 27.81 -9.88	233.02 24.14 -9.40	424.66 37.69 124.51	256.30 20.27 -0.97	210.35 20.49 -12.70	211.48 22.96 -10.25	205.09 24.56 1.16	193.20 24.31 16.42	199.72 21.37 12.33
EAST RIVER___6 23660	165.62 10.46 0.00	167.76 9.63 0.00	179.67 9.15 0.00	183.49 9.21 0.00	193.14 10.27 0.00	173.95 11.29 0.00	209.46 13.72 0.00	286.74 17.45 0.00	231.08 15.43 0.00	208.47 15.77 0.00	245.22 15.33 0.00	231.13 16.45 0.00	210.42 17.64 -0.36	190.35 17.68 0.00	179.48 16.66 0.00	205.35 18.35 0.00	216.95 17.47 0.00	550.69 39.22 0.00	252.08 17.01 0.00	191.92 14.76 0.00	192.82 14.55 0.00	196.59 14.90 0.00	199.05 13.72 0.00	203.08 12.41 0.00
EAST RIVER___7 23524	165.62 10.46 0.00	167.76 9.63 0.00	179.67 9.15 0.00	183.49 9.21 0.00	193.14 10.27 0.00	173.95 11.29 0.00	209.46 13.72 0.00	286.74 17.45 0.00	231.08 15.43 0.00	208.47 15.77 0.00	245.22 15.33 0.00	231.13 16.45 0.00	210.42 17.64 -0.36	190.35 17.68 0.00	179.48 16.66 0.00	205.35 18.35 0.00	216.95 17.47 0.00	550.69 39.22 0.00	252.08 17.01 0.00	191.92 14.76 0.00	192.82 14.55 0.00	196.59 14.90 0.00	199.05 13.72 0.00	203.08 12.41 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	164.31 9.15 0.00	166.48 8.35 0.00	178.44 7.92 0.00	182.29 8.01 0.00	191.83 8.97 0.00	172.55 9.89 0.00	207.68 11.94 0.00	284.38 15.10 0.00	228.81 13.15 0.00	205.95 13.25 0.00	242.65 12.75 0.00	228.04 13.35 0.00	207.26 14.45 -0.39	187.25 14.58 0.00	176.69 13.87 0.00	202.09 15.09 0.00	213.55 14.07 0.00	542.29 30.81 0.00	248.13 13.07 0.00	188.90 11.75 0.00	190.00 11.73 0.00	193.91 12.22 0.00	196.47 11.15 0.00	200.59 9.92 0.00
EAST_HAMPTON___DIESEL 23722	157.98 19.13 16.31	169.17 17.82 6.78	186.21 15.69 0.00	191.99 18.08 0.37	202.17 19.90 0.59	182.35 21.00 1.31	213.40 24.74 7.07	290.50 27.57 6.35	240.78 27.94 2.82	216.44 26.82 3.08	246.87 26.79 9.82	243.87 23.50 -5.68	217.95 24.60 -0.93	201.79 25.66 -3.46	196.55 24.79 -8.94	224.58 27.70 -9.88	233.02 24.14 -9.40	424.63 37.66 124.51	256.26 20.22 -0.97	210.32 20.46 -12.70	211.40 22.88 -10.25	205.05 24.52 1.16	193.12 24.23 16.42	199.64 21.29 12.33
EAST_POINT___SOLAR 323840	167.09 11.93 0.00	170.32 12.19 0.00	183.95 13.43 0.00	188.19 13.91 0.00	197.86 14.99 0.00	176.84 14.18 0.00	213.82 18.08 0.00	295.74 26.45 0.00	232.17 16.52 0.00	202.34 9.64 0.00	242.24 12.34 0.00	225.90 11.22 0.00	202.88 10.46 0.00	182.91 10.24 0.00	173.55 10.73 0.00	201.03 14.03 0.00	217.19 17.71 0.00	562.80 51.33 0.00	259.11 24.04 0.00	195.00 17.84 0.00	195.87 17.60 0.00	198.72 17.03 0.00	201.69 16.37 0.00	207.50 16.82 0.00
EAST_PULASKI___ESR 323781	152.52 -2.64 0.00	155.17 -2.95 0.00	167.17 -3.35 0.00	170.80 -3.47 0.00	179.58 -3.29 0.00	160.78 -1.88 0.00	193.45 -2.28 0.00	266.33 -2.96 0.00	212.51 -3.15 0.00	189.75 -2.95 0.00	226.54 -3.35 0.00	211.19 -3.49 0.00	189.55 -2.87 0.00	171.09 -1.58 0.00	160.96 -1.86 0.00	185.10 -1.90 0.00	197.77 -1.70 0.00	507.80 -3.68 0.00	233.62 -1.44 0.00	176.19 -0.97 0.00	177.03 -1.24 0.00	178.95 -2.74 0.00	181.07 -4.25 0.00	187.56 -3.11 0.00
EAST_RIVER___1 323558	165.30 10.14 0.00	167.37 9.25 0.00	179.16 8.64 0.00	182.97 8.69 0.00	192.51 9.64 0.00	173.39 10.73 0.00	208.71 12.97 0.00	285.66 16.37 0.00	230.08 14.43 0.00	207.57 14.87 0.00	244.10 14.20 0.00	229.87 15.19 0.00	209.38 16.59 -0.36	189.37 16.70 0.00	178.63 15.81 0.00	204.35 17.35 0.00	215.84 16.36 0.00	547.58 36.10 0.00	250.66 15.60 0.00	191.00 13.84 0.00	191.87 13.60 0.00	195.74 14.05 0.00	198.26 12.94 0.00	202.26 11.59 0.00
EAST_RIVER___2 323559	165.62 10.46 0.00	167.76 9.63 0.00	179.67 9.15 0.00	183.49 9.21 0.00	193.14 10.27 0.00	173.95 11.29 0.00	209.46 13.72 0.00	286.74 17.45 0.00	231.08 15.43 0.00	208.47 15.77 0.00	245.22 15.33 0.00	231.13 16.45 0.00	210.42 17.64 -0.36	190.35 17.68 0.00	179.48 16.66 0.00	205.35 18.35 0.00	216.95 17.47 0.00	550.69 39.22 0.00	252.08 17.01 0.00	191.92 14.76 0.00	192.82 14.55 0.00	196.59 14.90 0.00	199.05 13.72 0.00	203.08 12.41 0.00
EAST___DELAWARE_HYD 23607	161.08 5.92 0.00	163.48 5.35 0.00	175.83 5.31 0.00	179.72 5.45 0.00	189.20 6.33 0.00	169.84 7.18 0.00	204.95 9.21 0.00	281.41 12.13 0.00	226.17 10.52 0.00	203.03 10.33 0.00	239.75 9.85 0.00	224.49 9.81 0.00	202.83 10.51 0.11	183.24 10.57 0.00	172.97 10.15 0.00	197.97 10.97 0.00	209.91 10.43 0.00	535.38 23.91 0.00	245.32 10.26 0.00	186.28 9.13 0.00	187.20 8.93 0.00	190.81 9.12 0.00	193.20 7.89 0.00	197.54 6.86 0.00
EIGHT_POINT___WT_PWR 323820	143.05 -12.11 0.00	148.05 -10.08 0.00	160.82 -9.70 0.00	165.20 -9.08 0.00	173.88 -8.98 0.00	156.79 -5.86 0.00	187.35 -8.39 0.00	260.42 -8.87 0.00	209.42 -6.24 0.00	185.87 -6.84 0.00	221.72 -8.18 0.00	205.65 -9.04 0.00	182.38 -10.05 0.00	167.22 -9.66 -4.21	195.03 -10.07 -42.28	193.03 -10.13 -16.16	192.82 -10.88 -4.23	495.43 -16.04 0.00	229.37 -5.69 0.00	170.57 -6.59 0.00	209.11 -6.14 -36.98	270.18 -7.41 -95.91	177.30 -8.02 0.00	184.54 -6.14 0.00
ELBRIDGE_115KV_TB2 80188	152.22 -2.94 0.00	155.35 -2.77 0.00	167.51 -3.01 0.00	171.18 -3.09 0.00	179.64 -3.23 0.00	160.48 -2.18 0.00	193.31 -2.43 0.00	265.42 -3.86 0.00	212.89 -2.76 0.00	190.32 -2.38 0.00	226.10 -3.80 0.00	211.05 -3.64 0.00	189.46 -2.97 0.00	170.17 -2.50 0.00	160.12 -2.70 0.00	183.92 -3.08 0.00	195.88 -3.60 0.00	502.70 -8.77 0.00	231.31 -3.75 0.00	174.54 -2.62 0.00	175.63 -2.64 0.00	178.60 -3.09 0.00	181.74 -3.58 0.00	187.52 -3.15 0.00
ELEC_TRO_TEK 24086	246.79 12.40 -79.23	200.52 10.43 -31.96	179.52 8.99 -0.01	186.64 10.69 -1.67	196.91 11.31 -2.73	181.48 12.81 -6.01	244.22 15.12 -33.35	325.25 19.19 -36.78	301.60 17.62 -68.32	278.21 17.04 -68.47	302.09 16.68 -55.51	307.46 17.29 -75.49	293.80 18.07 -83.31	262.42 18.14 -71.61	248.66 17.15 -68.69	278.24 18.88 -72.36	297.11 18.14 -79.49	628.15 34.99 -81.68	313.40 17.00 -61.34	285.79 15.57 -93.07	269.40 15.29 -75.84	255.75 15.83 -58.23	292.90 14.84 -92.74	261.75 12.93 -58.14

ELLENBURG_WT_PWR 323604	155.20 0.04 0.00	156.86 -1.27 0.00	168.97 -1.55 0.00	172.82 -1.45 0.00	180.54 -2.32 0.00	160.61 -2.05 0.00	194.04 -1.70 0.00	268.85 -0.44 0.00	215.09 -0.57 0.00	191.30 -1.40 0.00	228.72 -1.18 0.00	212.79 -1.89 0.00	189.17 -3.25 0.00	168.45 -4.22 0.00	159.56 -3.26 0.00	184.33 -2.67 0.00	199.34 -0.14 0.00	516.36 4.89 0.00	237.74 2.67 0.00	177.60 0.44 0.00	178.68 0.41 0.00	181.53 -0.16 0.00	185.72 0.40 0.00	191.55 0.88 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	141.54 -13.62 0.00	145.58 -12.54 0.00	156.93 -13.59 0.00	160.30 -13.97 0.00	168.50 -14.37 0.00	151.74 -10.92 0.00	179.54 -16.20 0.00	249.27 -20.02 0.00	200.72 -14.94 0.00	178.22 -14.48 0.00	214.16 -15.74 0.00	199.21 -15.47 0.00	177.77 -14.65 0.00	156.45 -14.84 1.38	134.09 -14.85 13.87	163.93 -17.77 5.30	179.28 -18.81 1.39	473.78 -37.70 0.00	218.17 -16.89 0.00	161.55 -15.61 0.00	150.98 -15.20 12.09	132.85 -17.38 31.47	168.74 -16.58 0.00	177.24 -13.44 0.00
EMPIRE_CC_1 323656	159.17 4.01 0.00	162.02 3.89 0.00	174.83 4.31 0.00	178.54 4.27 0.00	187.52 4.65 0.00	167.92 5.26 0.00	201.64 5.90 0.00	275.88 6.59 0.00	221.96 6.30 0.00	199.04 6.34 0.00	235.88 5.98 0.00	220.07 5.39 0.00	199.11 6.62 -0.07	179.65 6.98 0.00	169.15 6.33 0.00	193.18 6.17 0.00	204.09 4.61 0.00	520.64 9.16 0.00	237.98 2.91 0.00	180.24 3.09 0.00	181.71 3.44 0.00	186.45 4.76 0.00	189.76 4.45 0.00	194.59 3.91 0.00
EMPIRE_CC_2 323658	159.17 4.01 0.00	162.02 3.89 0.00	174.83 4.31 0.00	178.54 4.27 0.00	187.52 4.65 0.00	167.92 5.26 0.00	201.64 5.90 0.00	275.88 6.59 0.00	221.96 6.30 0.00	199.04 6.34 0.00	235.88 5.98 0.00	220.07 5.39 0.00	199.11 6.62 -0.07	179.65 6.98 0.00	169.15 6.33 0.00	193.18 6.17 0.00	204.09 4.61 0.00	520.64 9.16 0.00	237.98 2.91 0.00	180.24 3.09 0.00	181.71 3.44 0.00	186.45 4.76 0.00	189.76 4.45 0.00	194.59 3.91 0.00
ENORWICH_115KV_TB1 80156	168.21 13.05 0.00	172.20 14.08 0.00	184.76 14.23 0.00	187.75 13.48 0.00	196.53 13.66 0.00	177.70 15.04 0.00	216.02 20.28 0.00	296.07 26.78 0.00	236.34 20.68 0.00	212.05 19.35 0.00	252.74 22.84 0.00	236.38 21.70 0.00	209.05 16.63 0.00	187.62 14.74 -0.22	180.15 15.15 -2.18	206.13 18.29 -0.83	221.40 21.70 -0.22	572.18 60.70 0.00	262.02 26.95 0.00	195.85 18.69 0.00	198.01 17.83 -1.92	204.94 18.30 -4.95	202.17 16.85 0.00	208.52 17.84 0.00
ERIE_ST__34_KV_TB1-2 80199	144.23 -10.93 0.00	148.28 -9.85 0.00	159.76 -10.76 0.00	163.12 -11.15 0.00	171.23 -11.64 0.00	154.27 -8.39 0.00	182.80 -12.94 0.00	253.89 -15.39 0.00	204.26 -11.39 0.00	181.58 -11.12 0.00	218.10 -11.80 0.00	203.20 -11.48 0.00	181.38 -11.05 0.00	160.42 -11.10 1.15	140.29 -10.99 11.53	169.00 -13.61 4.39	183.73 -14.60 1.15	483.73 -27.75 0.00	222.54 -12.53 0.00	164.99 -12.17 0.00	156.71 -11.50 10.06	142.19 -13.47 26.03	172.40 -12.92 0.00	180.64 -10.04 0.00
ERIE_WT_PWR 323693	142.32 -12.84 0.00	146.41 -11.71 0.00	157.90 -12.63 0.00	161.32 -12.95 0.00	169.60 -13.26 0.00	152.77 -9.88 0.00	180.93 -14.81 0.00	250.99 -18.30 0.00	202.26 -13.39 0.00	179.64 -13.06 0.00	215.78 -14.12 0.00	200.88 -13.81 0.00	179.15 -13.27 0.00	157.72 -13.64 1.32	135.93 -13.67 13.21	165.46 -16.50 5.05	180.72 -17.43 1.32	477.65 -33.82 0.00	220.08 -14.99 0.00	162.91 -14.25 0.00	153.14 -13.61 11.52	136.04 -15.67 29.98	170.07 -15.25 0.00	178.46 -12.22 0.00
ESPRGFLD_115KV_TB1 80157	162.08 6.92 0.00	165.28 7.16 0.00	178.89 8.37 0.00	182.92 8.64 0.00	192.10 9.24 0.00	171.18 8.52 0.00	206.84 11.10 0.00	285.55 16.26 0.00	227.38 11.73 0.00	202.28 9.58 0.00	241.12 11.22 0.00	225.50 10.82 0.00	201.45 9.02 0.00	180.40 7.73 0.00	170.60 7.78 0.00	196.83 9.83 0.00	211.84 12.36 0.00	546.40 34.92 0.00	251.73 16.66 0.00	189.45 12.29 0.00	190.09 11.83 0.00	192.66 10.97 0.00	195.48 10.16 0.00	201.44 10.77 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	157.50 2.34 0.00	160.87 2.74 0.00	173.36 2.85 0.00	177.03 2.76 0.00	185.82 2.96 0.00	166.42 3.76 0.00	200.84 5.10 0.00	276.21 6.92 0.00	221.36 5.71 0.00	197.57 4.87 0.00	234.60 4.70 0.00	218.42 3.74 0.00	195.32 2.90 0.00	175.93 2.90 -0.36	169.16 2.69 -3.64	192.03 3.64 -1.39	203.90 4.06 -0.36	524.45 12.98 0.00	241.45 6.38 0.00	181.74 4.59 0.00	185.97 4.47 -3.23	194.05 4.10 -8.26	188.73 3.41 0.00	194.76 4.09 0.00
ETNA____115KV_TB2 80207	157.50 2.34 0.00	160.87 2.74 0.00	173.36 2.85 0.00	177.03 2.76 0.00	185.82 2.96 0.00	166.42 3.76 0.00	200.84 5.10 0.00	276.21 6.92 0.00	221.36 5.71 0.00	197.57 4.87 0.00	234.60 4.70 0.00	218.42 3.74 0.00	195.32 2.90 0.00	175.93 2.90 -0.36	169.16 2.69 -3.64	192.03 3.64 -1.39	203.90 4.06 -0.36	524.45 12.98 0.00	241.45 6.38 0.00	181.74 4.59 0.00	185.97 4.47 -3.23	194.05 4.10 -8.26	188.73 3.41 0.00	194.76 4.09 0.00
EUCLID____115KV_TB2 356179	151.32 -3.84 0.00	154.37 -3.76 0.00	166.45 -4.08 0.00	170.09 -4.18 0.00	178.53 -4.34 0.00	159.43 -3.23 0.00	191.79 -3.95 0.00	263.40 -5.88 0.00	211.31 -4.35 0.00	188.91 -3.79 0.00	224.56 -5.34 0.00	209.71 -4.97 0.00	188.30 -4.12 0.00	169.16 -3.51 0.00	159.31 -3.51 0.00	182.94 -4.06 0.00	194.92 -4.56 0.00	500.15 -11.33 0.00	230.02 -5.04 0.00	173.51 -3.65 0.00	174.60 -3.67 0.00	177.51 -4.18 0.00	180.64 -4.68 0.00	186.24 -4.44 0.00
E_CANADA_CAP_HY 24051	163.28 8.12 0.00	166.46 8.33 0.00	179.91 9.39 0.00	184.00 9.72 0.00	193.36 10.49 0.00	172.22 9.56 0.00	207.75 12.01 0.00	287.34 18.05 0.00	227.79 12.13 0.00	201.59 8.89 0.00	240.89 10.99 0.00	224.76 10.08 0.00	200.92 8.49 0.00	179.84 7.17 0.00	170.19 7.37 0.00	196.70 9.70 0.00	211.80 12.32 0.00	547.57 36.09 0.00	252.21 17.15 0.00	189.76 12.60 0.00	190.47 12.20 0.00	193.45 11.76 0.00	196.67 11.35 0.00	202.80 12.13 0.00
E_CANADA_MHWK_HY 24050	159.95 4.79 0.00	163.03 4.90 0.00	176.16 5.64 0.00	179.68 5.40 0.00	188.68 5.81 0.00	169.48 6.82 0.00	205.04 9.30 0.00	279.43 10.14 0.00	223.94 8.29 0.00	199.97 7.27 0.00	236.97 7.07 0.00	221.50 6.82 0.00	199.59 7.17 0.00	180.43 7.76 0.00	170.22 7.40 0.00	194.82 7.82 0.00	205.01 5.54 0.00	527.18 15.71 0.00	241.37 6.31 0.00	183.09 5.94 0.00	184.58 6.31 0.00	190.07 8.38 0.00	193.21 7.89 0.00	197.17 6.50 0.00
E_FISHKILL____LBMP 23776	163.12 7.96 0.00	165.45 7.32 0.00	177.69 7.17 0.00	181.51 7.23 0.00	190.89 8.03 0.00	171.48 8.82 0.00	206.35 10.61 0.00	282.55 13.26 0.00	227.29 11.63 0.00	204.40 11.70 0.00	241.16 11.26 0.00	226.29 11.61 0.00	205.09 12.55 -0.11	185.50 12.83 0.00	174.98 12.16 0.00	200.05 13.05 0.00	211.49 12.01 0.00	537.70 26.22 0.00	246.09 11.03 0.00	187.14 9.98 0.00	188.22 9.95 0.00	192.23 10.55 0.00	194.86 9.54 0.00	199.18 8.51 0.00
FALCON____SEABRD_CC1 323796	155.67 0.51 0.00	157.33 -0.80 0.00	169.46 -1.06 0.00	173.13 -1.14 0.00	180.96 -1.90 0.00	161.50 -1.16 0.00	195.35 -0.40 0.00	270.12 0.83 0.00	216.31 0.65 0.00	192.84 0.14 0.00	230.29 0.39 0.00	214.13 -0.55 0.00	190.84 -1.59 0.00	170.00 -2.67 0.00	160.97 -1.85 0.00	185.80 -1.20 0.00	200.76 1.29 0.00	520.75 9.28 0.00	239.65 4.59 0.00	179.37 2.21 0.00	180.60 2.33 0.00	183.28 1.60 0.00	187.02 1.70 0.00	192.90 2.23 0.00

FALCON___SEABRD_CC2 323797	155.67 0.51 0.00	157.33 -0.80 0.00	169.46 -1.06 0.00	173.13 -1.14 0.00	180.96 -1.90 0.00	161.50 -1.16 0.00	195.35 -0.40 0.00	270.12 0.83 0.00	216.31 0.65 0.00	192.84 0.14 0.00	230.29 0.39 0.00	214.13 -0.55 0.00	190.84 -1.59 0.00	170.00 -2.67 0.00	160.97 -1.85 0.00	185.80 -1.20 0.00	200.76 1.29 0.00	520.75 9.28 0.00	239.65 4.59 0.00	179.37 2.21 0.00	180.60 2.33 0.00	183.28 1.60 0.00	187.02 1.70 0.00	192.90 2.23 0.00
FAR ROCKAWAY___4 23548	395.70 14.62 -225.92	261.64 12.07 -91.45	181.92 11.36 -0.03	192.13 13.21 -4.63	204.42 14.01 -7.55	194.66 15.35 -16.65	309.44 18.27 -95.42	395.04 22.76 -103.00	413.52 20.32 -177.54	390.53 19.51 -178.32	405.20 19.48 -155.82	417.79 20.45 -182.66	422.84 20.62 -209.80	368.45 19.53 -176.25	341.75 18.51 -160.42	375.75 20.46 -168.28	406.61 20.03 -187.10	845.62 40.04 -294.10	402.60 19.50 -148.04	410.94 17.32 -216.46	371.86 17.05 -176.54	348.67 17.56 -149.42	463.50 17.82 -260.35	372.99 15.98 -166.34
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	165.31 10.15 0.00	167.35 9.22 0.00	179.15 8.63 0.00	182.93 8.65 0.00	192.50 9.63 0.00	173.36 10.71 0.00	208.71 12.97 0.00	285.61 16.33 0.00	230.03 14.37 0.00	207.38 14.68 0.00	243.94 14.04 0.00	229.61 14.92 0.00	209.19 16.40 -0.36	189.27 16.60 0.00	178.49 15.67 0.00	204.19 17.19 0.00	215.69 16.22 0.00	547.25 35.77 0.00	250.43 15.37 0.00	190.79 13.63 0.00	191.73 13.46 0.00	195.64 13.95 0.00	198.15 12.83 0.00	202.15 11.48 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	165.45 10.29 0.00	167.48 9.35 0.00	179.19 8.67 0.00	183.03 8.76 0.00	192.66 9.79 0.00	173.49 10.83 0.00	208.89 13.15 0.00	285.86 16.57 0.00	230.11 14.46 0.00	207.56 14.85 0.00	244.07 14.18 0.00	229.82 15.13 0.00	209.38 16.59 -0.36	189.32 16.65 0.00	178.60 15.78 0.00	204.37 17.36 0.00	215.82 16.34 0.00	547.54 36.07 0.00	250.64 15.58 0.00	190.94 13.78 0.00	191.90 13.63 0.00	195.82 14.13 0.00	198.34 13.02 0.00	202.32 11.65 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	165.20 10.04 0.00	167.28 9.15 0.00	178.99 8.47 0.00	182.83 8.55 0.00	192.48 9.61 0.00	173.29 10.63 0.00	208.61 12.87 0.00	285.48 16.20 0.00	229.88 14.22 0.00	207.28 14.58 0.00	243.83 13.93 0.00	229.53 14.84 0.00	209.09 16.31 -0.36	189.14 16.47 0.00	178.40 15.58 0.00	204.07 17.07 0.00	215.52 16.04 0.00	546.92 35.44 0.00	250.24 15.18 0.00	190.64 13.48 0.00	191.64 13.37 0.00	195.55 13.86 0.00	198.04 12.72 0.00	202.02 11.35 0.00
FARRAGUT___LBMP 323566	165.08 9.91 0.00	167.16 9.03 0.00	178.84 8.31 0.00	182.65 8.38 0.00	192.29 9.43 0.00	173.14 10.48 0.00	208.41 12.68 0.00	285.14 15.85 0.00	229.65 14.00 0.00	206.99 14.29 0.00	243.52 13.62 0.00	229.25 14.57 0.00	208.90 16.11 -0.36	188.96 16.29 0.00	178.18 15.36 0.00	203.84 16.83 0.00	215.29 15.82 0.00	546.26 34.79 0.00	250.01 14.95 0.00	190.47 13.31 0.00	191.45 13.18 0.00	195.37 13.68 0.00	197.86 12.54 0.00	201.85 11.18 0.00
FENNER___WINDPWR 24204	158.08 2.92 0.00	161.21 3.08 0.00	173.82 3.30 0.00	177.78 3.50 0.00	186.37 3.50 0.00	166.50 3.84 0.00	200.88 5.14 0.00	276.62 7.34 0.00	221.63 5.98 0.00	197.67 4.97 0.00	235.12 5.22 0.00	218.82 4.13 0.00	196.02 3.60 0.00	176.38 3.71 0.00	166.32 3.50 0.00	191.54 4.53 0.00	204.95 5.48 0.00	526.77 15.29 0.00	242.07 7.01 0.00	182.03 4.87 0.00	183.14 4.87 0.00	185.85 4.16 0.00	188.93 3.61 0.00	194.51 3.84 0.00
FIBERTEK___ENERGY 23856	153.29 -1.88 0.00	156.38 -1.74 0.00	168.62 -1.90 0.00	172.27 -2.00 0.00	180.84 -2.02 0.00	161.53 -1.13 0.00	194.58 -1.16 0.00	267.17 -2.11 0.00	214.19 -1.47 0.00	191.42 -1.29 0.00	227.35 -2.55 0.00	212.29 -2.39 0.00	190.59 -1.83 0.00	171.20 -1.47 0.00	161.13 -1.70 0.00	185.17 -1.84 0.00	197.44 -2.04 0.00	506.58 -4.89 0.00	233.15 -1.91 0.00	175.94 -1.22 0.00	176.93 -1.34 0.00	179.98 -1.71 0.00	183.03 -2.29 0.00	188.73 -1.95 0.00
FITZPATRICK____ 23598	149.09 -6.07 0.00	152.07 -6.05 0.00	164.00 -6.52 0.00	167.55 -6.72 0.00	175.85 -7.02 0.00	156.81 -5.85 0.00	188.58 -7.16 0.00	258.94 -10.34 0.00	207.73 -7.93 0.00	185.72 -6.98 0.00	220.95 -8.94 0.00	206.33 -8.35 0.00	185.30 -7.12 0.00	166.36 -6.31 0.00	156.65 -6.17 0.00	179.88 -7.12 0.00	191.68 -7.79 0.00	491.48 -20.00 0.00	225.98 -9.08 0.00	170.54 -6.61 0.00	171.63 -6.64 0.00	174.61 -7.07 0.00	177.92 -7.40 0.00	183.35 -7.32 0.00
FLOWRFLD_69_KV_BK1 356044	153.52 14.08 15.71	163.11 11.52 6.54	179.21 8.69 0.00	184.70 10.77 0.35	193.81 11.52 0.57	174.93 13.53 1.26	204.25 15.33 6.82	282.00 18.80 6.08	232.13 18.84 2.37	208.19 18.11 2.63	237.49 17.00 9.41	238.81 18.00 -6.12	212.51 18.64 -1.44	195.43 18.88 -3.88	190.13 17.99 -9.31	217.25 19.98 -10.27	228.39 19.07 -9.84	416.37 28.08 123.19	251.51 15.09 -1.35	206.41 16.05 -13.21	204.72 15.79 -10.66	197.60 16.70 0.79	185.42 15.84 15.74	191.52 12.73 11.89
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	165.61 10.44 0.00	168.03 9.91 0.00	180.49 9.96 0.00	184.44 10.16 0.00	194.08 11.21 0.00	174.38 11.72 0.00	210.14 14.40 0.00	288.13 18.85 0.00	231.74 16.09 0.00	208.23 15.53 0.00	245.78 15.88 0.00	230.48 15.80 0.00	208.52 16.10 0.00	188.63 15.96 0.00	177.97 15.15 0.00	203.59 16.59 0.00	215.42 15.94 0.00	548.63 37.16 0.00	251.16 16.10 0.00	190.84 13.68 0.00	191.84 13.57 0.00	195.72 14.03 0.00	198.24 12.92 0.00	202.62 11.95 0.00
FORT ORANGE____ 23900	159.93 4.78 0.00	162.76 4.64 0.00	175.78 5.26 0.00	179.56 5.28 0.00	188.63 5.76 0.00	168.72 6.06 0.00	202.91 7.17 0.00	277.57 8.29 0.00	223.68 8.02 0.00	200.65 7.95 0.00	237.29 7.39 0.00	221.47 6.79 0.00	199.81 7.39 0.00	179.99 7.32 0.00	169.01 6.19 0.00	193.37 6.37 0.00	204.22 4.74 0.00	521.67 10.20 0.00	238.66 3.60 0.00	180.75 3.59 0.00	181.92 3.65 0.00	186.61 4.92 0.00	190.96 5.64 0.00	195.85 5.18 0.00
FORT_DRUM_COGEN 23780	158.18 3.02 0.00	159.93 1.81 0.00	172.04 1.52 0.00	175.76 1.49 0.00	185.56 2.69 0.00	167.32 4.67 0.00	201.41 5.67 0.00	279.86 10.58 0.00	220.24 4.58 0.00	196.10 3.40 0.00	237.68 7.78 0.00	220.25 5.57 0.00	197.04 4.62 0.00	179.54 6.87 0.00	169.45 6.63 0.00	196.62 9.62 0.00	212.04 12.57 0.00	547.00 35.52 0.00	251.48 16.42 0.00	188.67 11.51 0.00	188.62 10.35 0.00	186.33 4.65 0.00	185.53 0.22 0.00	194.80 4.12 0.00
FOX_HILLS___ESR 323835	403.48 11.56 -236.76	376.72 10.65 -207.95	354.98 10.23 -174.23	314.46 10.28 -129.91	314.51 11.34 -120.30	320.38 12.29 -145.44	597.92 14.65 -387.53	1005.59 18.17 -718.14	865.44 15.67 -634.11	1061.69 15.41 -853.57	1014.33 14.97 -769.47	826.09 16.08 -595.32	755.71 17.78 -545.51	801.93 17.79 -611.46	743.23 16.38 -564.04	1353.26 18.56 -1147.69	571.66 17.05 -355.13	510.72 38.23 38.99	325.39 16.49 -73.83	272.00 14.69 -80.16	500.55 14.26 -308.02	565.63 14.64 -369.30	676.61 13.96 -477.33	412.56 12.58 -209.31
FPL FAR_ROCK_GT1 24212	395.88 14.80 -225.92	261.65 12.08 -91.45	181.90 11.34 -0.03	192.15 13.24 -4.63	204.74 14.33 -7.55	194.68 15.37 -16.65	309.45 18.29 -95.42	395.04 22.76 -103.00	413.51 20.32 -177.54	390.55 19.53 -178.32	405.22 19.50 -155.82	417.80 20.46 -182.66	422.84 20.62 -209.80	368.45 19.53 -176.25	341.76 18.52 -160.42	375.72 20.43 -168.28	406.63 20.06 -187.10	844.98 39.40 -294.10	402.57 19.47 -148.04	410.92 17.31 -216.46	371.87 17.06 -176.54	348.67 17.56 -149.42	463.50 17.83 -260.35	372.99 15.98 -166.34



FPL FAR_ROCK_GT2 23815	395.88 14.80 -225.92	261.65 12.08 -91.45	181.90 11.34 -0.03	192.15 13.24 -4.63	204.74 14.33 -7.55	194.68 15.37 -16.65	309.45 18.29 -95.42	395.04 22.76 -103.00	413.51 20.32 -177.54	390.55 19.53 -178.32	405.22 19.50 -155.82	417.80 20.46 -182.66	422.84 20.62 -209.80	368.45 19.53 -176.25	341.76 18.52 -160.42	375.72 20.43 -168.28	406.63 20.06 -187.10	844.98 39.40 -294.10	402.57 19.47 -148.04	410.92 17.31 -216.46	371.87 17.06 -176.54	348.67 17.56 -149.42	463.50 17.83 -260.35	372.99 15.98 -166.34
FRANKLIN_FALL_HYD 24054	158.84 3.68 0.00	160.79 2.66 0.00	173.19 2.67 0.00	177.15 2.87 0.00	185.01 2.14 0.00	164.30 1.64 0.00	198.20 2.46 0.00	275.27 5.98 0.00	219.92 4.27 0.00	195.35 2.65 0.00	234.32 4.42 0.00	217.63 2.95 0.00	193.31 0.88 0.00	172.14 -0.53 0.00	162.95 0.13 0.00	188.21 1.22 0.00	204.03 4.55 0.00	529.17 17.70 0.00	243.86 8.80 0.00	181.93 4.78 0.00	183.29 5.02 0.00	185.85 4.16 0.00	190.53 5.21 0.00	196.55 5.88 0.00
FREEPORT_EQUS_GT1 23764	230.73 13.61 -61.96	194.50 11.41 -24.96	180.27 9.74 -0.01	187.25 11.56 -1.42	197.75 12.58 -2.31	181.50 13.75 -5.08	238.08 16.29 -26.04	319.29 21.03 -28.98	290.32 19.20 -55.46	266.71 18.47 -55.54	291.68 18.08 -43.70	296.22 18.66 -62.87	280.19 19.35 -68.42	251.22 19.26 -59.29	238.99 18.28 -57.89	268.29 20.22 -61.07	285.93 19.63 -66.82	579.68 35.51 -32.69	302.03 17.83 -49.14	272.72 17.02 -78.54	258.92 16.66 -63.99	246.33 17.15 -47.50	274.50 16.17 -73.01	250.10 14.03 -45.40
FREEPORT___CT2 23818	230.73 13.61 -61.96	194.50 11.41 -24.96	180.27 9.74 -0.01	187.25 11.56 -1.42	197.75 12.58 -2.31	181.50 13.75 -5.08	238.08 16.29 -26.04	319.29 21.03 -28.98	290.32 19.20 -55.46	266.71 18.47 -55.54	291.68 18.08 -43.70	296.22 18.66 -62.87	280.19 19.35 -68.42	251.22 19.26 -59.29	238.99 18.28 -57.89	268.29 20.22 -61.07	285.93 19.63 -66.82	579.68 35.51 -32.69	302.03 17.83 -49.14	272.72 17.02 -78.54	258.92 16.66 -63.99	246.33 17.15 -47.50	274.50 16.17 -73.01	250.10 14.03 -45.40
FRESHKLS_33_KV_LOAD 356253	403.53 11.61 -236.76	376.82 10.74 -207.95	355.25 10.49 -174.23	314.67 10.48 -129.91	314.74 11.57 -120.30	320.55 12.45 -145.44	598.05 14.78 -387.53	1005.79 18.36 -718.14	865.56 15.80 -634.11	1061.41 15.14 -853.57	1014.18 14.81 -769.47	826.00 16.00 -595.32	756.66 17.54 -546.69	802.24 17.63 -611.94	744.03 16.12 -565.09	1353.28 18.55 -1147.73	573.22 16.99 -356.75	518.78 38.23 30.93	328.01 16.53 -76.43	279.87 14.69 -88.03	507.35 14.21 -314.87	567.17 14.52 -370.96	676.58 13.93 -477.33	412.59 12.61 -209.31
FULTON COGEN____ 23766	151.32 -3.84 0.00	154.30 -3.83 0.00	166.43 -4.09 0.00	170.05 -4.23 0.00	178.45 -4.42 0.00	159.27 -3.39 0.00	191.71 -4.03 0.00	263.05 -6.23 0.00	211.05 -4.61 0.00	188.78 -3.92 0.00	224.22 -5.68 0.00	209.39 -5.30 0.00	188.21 -4.22 0.00	168.94 -3.73 0.00	158.91 -3.91 0.00	182.50 -4.50 0.00	194.85 -4.63 0.00	499.82 -11.65 0.00	229.96 -5.10 0.00	173.76 -3.39 0.00	174.82 -3.45 0.00	177.82 -3.86 0.00	180.86 -4.46 0.00	186.37 -4.31 0.00
FULTON___LFGE 323630	165.10 9.94 0.00	168.16 10.03 0.00	181.66 11.13 0.00	185.66 11.38 0.00	195.22 12.35 0.00	174.37 11.71 0.00	210.49 14.75 0.00	290.70 21.41 0.00	230.75 15.10 0.00	204.42 11.72 0.00	243.39 13.48 0.00	226.92 12.24 0.00	203.32 10.89 0.00	182.36 9.69 0.00	172.41 9.59 0.00	199.17 12.17 0.00	214.28 14.80 0.00	553.24 41.77 0.00	254.43 19.37 0.00	191.74 14.58 0.00	192.68 14.41 0.00	195.75 14.06 0.00	198.73 13.41 0.00	204.37 13.69 0.00
G.F.CEMENT___DRP 24184	165.99 10.82 0.00	168.97 10.85 0.00	182.36 11.84 0.00	186.26 11.98 0.00	195.89 13.02 0.00	176.70 14.04 0.00	213.09 17.35 0.00	292.21 22.93 0.00	233.69 18.03 0.00	208.45 15.75 0.00	247.93 18.03 0.00	231.08 16.40 0.00	207.89 15.47 0.00	187.99 15.32 0.00	177.32 14.50 0.00	202.99 15.99 0.00	215.46 15.98 0.00	553.55 42.08 0.00	253.40 18.33 0.00	191.07 13.91 0.00	193.09 14.82 0.00	197.55 15.86 0.00	200.24 14.92 0.00	205.48 14.80 0.00
GARDENVILLE___LBMP 24039	141.96 -13.20 0.00	146.04 -12.09 0.00	157.46 -13.06 0.00	160.83 -13.45 0.00	169.06 -13.80 0.00	152.28 -10.37 0.00	180.31 -15.43 0.00	250.34 -18.94 0.00	201.55 -14.11 0.00	178.93 -13.77 0.00	214.87 -15.03 0.00	199.98 -14.70 0.00	178.36 -14.06 0.00	156.86 -14.28 1.53	133.17 -14.30 15.35	164.05 -17.08 5.87	179.88 -18.06 1.54	475.85 -35.62 0.00	219.18 -15.89 0.00	162.27 -14.88 0.00	150.44 -14.44 13.39	130.29 -16.57 34.82	169.49 -15.82 0.00	177.97 -12.70 0.00
GARDNVLA_35_KV_LD 355827	142.64 -12.52 0.00	146.71 -11.42 0.00	158.17 -12.36 0.00	161.54 -12.74 0.00	169.83 -13.04 0.00	153.00 -9.66 0.00	181.19 -14.55 0.00	251.49 -17.80 0.00	202.57 -13.08 0.00	179.89 -12.81 0.00	216.15 -13.75 0.00	201.17 -13.52 0.00	179.37 -13.05 0.00	158.05 -13.39 1.23	137.00 -13.48 12.33	166.12 -16.18 4.70	181.15 -17.10 1.23	478.57 -32.91 0.00	220.49 -14.57 0.00	163.20 -13.96 0.00	153.97 -13.55 10.75	138.11 -15.72 27.85	170.28 -15.04 0.00	178.75 -11.93 0.00
GELCKHM___115KV_LOAD 80723	152.08 -3.08 0.00	155.12 -3.01 0.00	167.28 -3.24 0.00	170.95 -3.33 0.00	179.41 -3.46 0.00	160.23 -2.43 0.00	192.84 -2.90 0.00	264.80 -4.49 0.00	212.42 -3.24 0.00	189.86 -2.84 0.00	225.67 -4.22 0.00	210.73 -3.95 0.00	189.23 -3.19 0.00	169.95 -2.72 0.00	160.03 -2.79 0.00	183.84 -3.16 0.00	195.92 -3.56 0.00	502.75 -8.73 0.00	231.22 -3.85 0.00	174.44 -2.72 0.00	175.51 -2.76 0.00	178.43 -3.26 0.00	181.57 -3.75 0.00	187.19 -3.49 0.00
GENERAL___MILLS 23808	142.42 -12.74 0.00	146.49 -11.63 0.00	157.90 -12.63 0.00	161.32 -12.95 0.00	169.56 -13.30 0.00	152.75 -9.91 0.00	180.88 -14.86 0.00	251.06 -18.23 0.00	202.17 -13.48 0.00	179.53 -13.17 0.00	215.65 -14.25 0.00	200.74 -13.95 0.00	178.97 -13.45 0.00	157.65 -13.71 1.32	135.84 -13.77 13.21	165.43 -16.52 5.05	180.69 -17.47 1.32	477.55 -33.93 0.00	219.94 -15.12 0.00	162.84 -14.32 0.00	152.87 -13.87 11.52	135.68 -16.03 29.98	170.00 -15.32 0.00	178.48 -12.19 0.00
GE_PLASTICS___DRP 24183	159.67 4.51 0.00	162.52 4.39 0.00	175.54 5.02 0.00	179.34 5.07 0.00	188.34 5.47 0.00	168.24 5.58 0.00	202.25 6.51 0.00	276.82 7.53 0.00	222.88 7.22 0.00	199.84 7.14 0.00	236.60 6.70 0.00	221.06 6.37 0.00	199.46 7.04 0.00	179.75 7.08 0.00	169.03 6.20 0.00	193.35 6.35 0.00	204.42 4.94 0.00	521.70 10.22 0.00	238.76 3.69 0.00	180.86 3.70 0.00	182.08 3.82 0.00	186.56 4.87 0.00	190.54 5.22 0.00	195.43 4.76 0.00
GILBOA___1 23756	159.50 4.34 0.00	162.48 4.35 0.00	176.65 6.13 0.00	180.47 6.19 0.00	189.48 6.61 0.00	167.96 5.30 0.00	202.01 6.27 0.00	276.99 7.70 0.00	222.45 6.80 0.00	199.38 6.68 0.00	236.34 6.44 0.00	221.09 6.40 0.00	199.44 7.02 0.00	179.90 7.23 0.00	169.53 6.71 0.00	193.92 6.92 0.00	205.23 5.75 0.00	523.36 11.88 0.00	239.84 4.78 0.00	181.92 4.76 0.00	183.18 4.92 0.00	187.39 5.70 0.00	190.57 5.25 0.00	195.52 4.85 0.00
GILBOA___2 23757	159.50 4.34 0.00	162.48 4.35 0.00	176.65 6.13 0.00	180.47 6.19 0.00	189.48 6.61 0.00	167.96 5.30 0.00	202.01 6.27 0.00	276.99 7.70 0.00	222.45 6.80 0.00	199.38 6.68 0.00	236.34 6.44 0.00	221.09 6.40 0.00	199.44 7.02 0.00	179.90 7.23 0.00	169.53 6.71 0.00	193.92 6.92 0.00	205.23 5.75 0.00	523.36 11.88 0.00	239.84 4.78 0.00	181.92 4.76 0.00	183.18 4.92 0.00	187.39 5.70 0.00	190.57 5.25 0.00	195.52 4.85 0.00

GILBOA___3 23758	159.50 4.34 0.00	162.48 4.35 0.00	176.65 6.13 0.00	180.47 6.19 0.00	189.48 6.61 0.00	167.96 5.30 0.00	202.01 6.27 0.00	276.99 7.70 0.00	222.45 6.80 0.00	199.38 6.68 0.00	236.34 6.44 0.00	221.09 6.40 0.00	199.44 7.02 0.00	179.90 7.23 0.00	169.53 6.71 0.00	193.92 6.92 0.00	205.23 5.75 0.00	523.36 11.88 0.00	239.84 4.78 0.00	181.92 4.76 0.00	183.18 4.92 0.00	187.39 5.70 0.00	190.57 5.25 0.00	195.52 4.85 0.00
GILBOA___4 23759	159.50 4.34 0.00	162.48 4.35 0.00	176.65 6.13 0.00	180.47 6.19 0.00	189.48 6.61 0.00	167.96 5.30 0.00	202.01 6.27 0.00	276.99 7.70 0.00	222.45 6.80 0.00	199.38 6.68 0.00	236.34 6.44 0.00	221.09 6.40 0.00	199.44 7.02 0.00	179.90 7.23 0.00	169.53 6.71 0.00	193.92 6.92 0.00	205.23 5.75 0.00	523.36 11.88 0.00	239.84 4.78 0.00	181.92 4.76 0.00	183.18 4.92 0.00	187.39 5.70 0.00	190.57 5.25 0.00	195.52 4.85 0.00
GILBOA___ 23599	159.49 4.33 0.00	162.48 4.36 0.00	176.66 6.14 0.00	180.45 6.17 0.00	189.48 6.61 0.00	167.97 5.31 0.00	202.01 6.27 0.00	276.93 7.64 0.00	222.45 6.79 0.00	199.39 6.69 0.00	236.34 6.44 0.00	221.09 6.41 0.00	199.44 7.02 0.00	179.91 7.24 0.00	169.54 6.72 0.00	193.94 6.94 0.00	205.23 5.75 0.00	523.32 11.85 0.00	239.84 4.78 0.00	181.92 4.76 0.00	183.23 4.96 0.00	187.40 5.72 0.00	190.57 5.25 0.00	195.53 4.85 0.00
GINNA___ 23603	142.61 -12.55 0.00	145.97 -12.15 0.00	157.34 -13.18 0.00	160.77 -13.51 0.00	168.88 -13.99 0.00	151.49 -11.17 0.00	181.46 -14.28 0.00	250.66 -18.62 0.00	201.38 -14.28 0.00	179.21 -13.49 0.00	214.05 -15.85 0.00	199.42 -15.26 0.00	178.79 -13.63 0.00	159.75 -12.92 0.00	150.11 -12.71 0.00	172.25 -14.75 0.00	183.73 -15.74 0.00	476.31 -35.16 0.00	219.03 -16.03 0.00	163.92 -13.24 0.00	164.96 -13.31 0.00	166.93 -14.76 0.00	170.30 -15.02 0.00	176.60 -14.08 0.00
GLEN PARK___ 23778	159.21 4.05 0.00	160.99 2.86 0.00	173.11 2.59 0.00	176.87 2.60 0.00	186.79 3.92 0.00	168.55 5.89 0.00	203.01 7.27 0.00	282.11 12.82 0.00	222.09 6.44 0.00	197.70 5.00 0.00	239.42 9.52 0.00	221.99 7.31 0.00	198.63 6.20 0.00	180.82 8.16 0.00	170.62 7.80 0.00	198.05 11.05 0.00	213.62 14.15 0.00	551.29 39.81 0.00	253.50 18.44 0.00	190.11 12.96 0.00	190.07 11.80 0.00	187.83 6.14 0.00	186.88 1.56 0.00	196.06 5.39 0.00
GLENDALE_27_KV_LOAD 356172	166.55 11.39 0.00	168.49 10.37 0.00	180.19 9.67 0.00	183.96 9.69 0.00	193.63 10.76 0.00	174.55 11.88 0.00	210.00 14.26 0.00	287.32 18.04 0.00	231.32 15.67 0.00	208.80 16.10 0.00	245.25 15.35 -0.01	230.77 16.09 0.00	213.19 18.01 -2.76	192.05 18.10 -1.29	189.58 17.07 -9.68	205.88 18.80 -0.09	220.34 17.61 -3.25	566.67 38.95 -16.24	256.97 16.69 -5.23	207.99 14.98 -15.85	206.75 14.68 -13.80	200.20 15.16 -3.36	199.34 14.02 0.00	203.21 12.53 0.00
GLENWOOD_IC_1_G5 23712	198.73 11.84 -31.73	181.20 10.37 -12.70	179.90 9.38 -0.01	185.36 10.35 -0.73	195.22 11.17 -1.19	176.59 11.31 -2.62	222.52 13.53 -13.25	302.01 17.39 -15.34	265.75 17.14 -32.95	242.41 16.82 -32.90	269.68 16.75 -23.03	272.71 17.25 -40.78	252.84 18.07 -42.35	228.42 18.03 -37.73	218.89 17.09 -38.98	246.92 18.62 -41.30	261.16 17.04 -44.64	558.78 33.82 -13.48	283.53 15.58 -32.89	244.48 14.21 -53.11	236.57 15.07 -43.23	226.07 15.68 -28.70	238.10 14.31 -38.47	225.43 11.65 -23.10
GLENWOOD_IC_2_G1 23688	166.48 10.91 -0.41	167.65 9.52 0.00	179.18 8.66 0.00	183.71 9.43 0.00	193.28 10.42 0.00	173.97 11.31 0.00	209.26 13.52 0.00	287.64 17.16 -1.20	240.72 15.43 -9.63	217.42 15.28 -9.44	246.58 15.07 -1.61	248.22 15.64 -17.90	224.32 16.56 -15.34	204.69 16.64 -15.38	197.98 15.77 -19.39	225.05 17.23 -20.81	237.47 16.33 -21.66	544.73 33.25 0.00	256.47 15.04 -6.36	217.60 13.68 -26.76	213.73 13.73 -21.72	205.20 14.28 -9.23	201.11 13.11 -2.68	202.20 11.52 0.00
GLENWOOD_IC_3_G1 23689	166.48 10.91 -0.41	167.65 9.52 0.00	179.18 8.66 0.00	183.71 9.43 0.00	193.28 10.42 0.00	173.97 11.31 0.00	209.26 13.52 0.00	287.64 17.16 -1.20	240.72 15.43 -9.63	217.42 15.28 -9.44	246.58 15.07 -1.61	248.22 15.64 -17.90	224.32 16.56 -15.34	204.69 16.64 -15.38	197.98 15.77 -19.39	225.05 17.23 -20.81	237.47 16.33 -21.66	544.73 33.25 0.00	256.47 15.04 -6.36	217.60 13.68 -26.76	213.73 13.73 -21.72	205.20 14.28 -9.23	201.11 13.11 -2.68	202.20 11.52 0.00
GLENWOOD___4 23550	198.73 11.84 -31.73	181.20 10.37 -12.70	179.90 9.38 -0.01	185.36 10.35 -0.73	195.25 11.19 -1.19	176.97 11.69 -2.62	223.06 14.07 -13.25	302.58 17.96 -15.34	265.75 17.14 -32.95	242.41 16.82 -32.90	269.68 16.75 -23.03	272.71 17.25 -40.78	252.84 18.07 -42.35	228.42 18.03 -37.73	218.89 17.09 -38.98	246.99 18.69 -41.30	261.54 17.42 -44.64	560.11 35.14 -13.48	284.13 16.18 -32.89	244.91 14.64 -53.11	236.61 15.11 -43.23	226.07 15.68 -28.70	238.13 14.34 -38.47	225.84 12.06 -23.10
GLENWOOD___5 23614	198.73 11.84 -31.73	181.20 10.37 -12.70	179.90 9.38 -0.01	185.36 10.35 -0.73	195.25 11.19 -1.19	176.97 11.69 -2.62	223.06 14.07 -13.25	302.58 17.96 -15.34	265.75 17.14 -32.95	242.41 16.82 -32.90	269.68 16.75 -23.03	272.71 17.25 -40.78	252.84 18.07 -42.35	228.42 18.03 -37.73	218.89 17.09 -38.98	246.99 18.69 -41.30	261.54 17.42 -44.64	560.11 35.14 -13.48	284.13 16.18 -32.89	244.91 14.64 -53.11	236.61 15.11 -43.23	226.07 15.68 -28.70	238.13 14.34 -38.47	225.84 12.06 -23.10
GLOBAL GREEN_PORT_GT1 23814	158.28 19.43 16.31	169.10 17.75 6.78	186.13 15.61 0.00	191.90 17.99 0.37	202.04 19.76 0.59	182.24 20.89 1.31	212.97 24.30 7.07	287.66 24.72 6.35	239.77 26.93 2.81	216.46 26.83 3.07	246.76 26.68 9.82	242.11 21.74 -5.69	217.06 23.71 -0.93	201.75 25.62 -3.46	196.50 24.74 -8.94	224.62 27.73 -9.88	231.23 22.35 -9.40	419.91 32.93 124.50	253.87 17.83 -0.98	209.12 19.25 -12.71	211.35 22.83 -10.25	204.91 24.39 1.16	193.05 24.15 16.42	199.58 21.23 12.32
GLOBE___DSASP 323697	137.38 -17.78 0.00	141.32 -16.80 0.00	152.21 -18.31 0.00	155.41 -18.86 0.00	163.19 -19.67 0.00	146.83 -15.83 0.00	173.18 -22.57 0.00	239.93 -29.36 0.00	193.38 -22.27 0.00	171.82 -20.89 0.00	206.86 -23.04 0.00	192.14 -22.54 0.00	171.79 -20.63 0.00	151.24 -20.43 1.00	132.95 -19.83 10.04	159.20 -23.96 3.84	172.84 -25.64 1.01	455.68 -55.80 0.00	209.72 -25.34 0.00	155.40 -21.75 0.00	148.80 -20.71 8.75	136.10 -22.81 22.77	162.38 -22.95 0.00	171.15 -19.53 0.00
GOETHSLN___LBMP 323567	164.05 8.89 0.00	166.08 7.96 0.00	177.80 7.28 0.00	181.59 7.32 0.00	191.19 8.33 0.00	172.12 9.46 0.00	207.19 11.45 0.00	264.83 13.88 18.33	210.86 12.32 17.12	172.48 12.93 33.15	231.17 11.88 10.60	227.79 13.11 0.00	201.71 14.74 5.44	187.75 15.08 0.00	169.58 14.21 7.45	202.57 15.57 0.00	213.97 14.49 0.00	542.90 31.43 0.00	248.36 13.30 0.00	189.25 12.10 0.00	190.23 11.97 0.00	194.20 12.51 0.00	196.73 11.41 0.00	200.65 9.98 0.00
GOLAH___69_KV_TB 1_2 80279	148.46 -6.70 0.00	152.05 -6.08 0.00	163.84 -6.68 0.00	167.38 -6.90 0.00	175.83 -7.04 0.00	157.95 -4.71 0.00	188.55 -7.19 0.00	261.14 -8.14 0.00	209.92 -5.74 0.00	186.44 -6.26 0.00	222.79 -7.11 0.00	207.21 -7.48 0.00	185.66 -6.76 0.00	165.72 -6.96 -0.02	155.79 -7.18 -0.15	178.57 -8.52 -0.09	190.62 -8.88 -0.03	496.67 -14.81 0.00	228.53 -6.54 0.00	170.54 -6.62 0.00	171.87 -6.53 -0.14	173.93 -8.34 -0.58	177.26 -8.06 0.00	184.45 -6.22 0.00

GOODYEAR_LAKE_HYD 323669	161.54 6.39 0.00	164.71 6.58 0.00	178.28 7.76 0.00	182.22 7.94 0.00	191.34 8.47 0.00	170.81 8.15 0.00	206.27 10.53 0.00	283.82 14.53 0.00	227.14 11.48 0.00	202.99 10.29 0.00	241.13 11.23 0.00	225.62 10.94 0.00	202.44 10.02 0.00	181.92 9.25 0.00	171.70 8.88 0.00	197.38 10.38 0.00	210.77 11.29 0.00	540.92 29.45 0.00	248.64 13.58 0.00	187.61 10.45 0.00	188.44 10.18 0.00	191.63 9.95 0.00	194.48 9.16 0.00	199.95 9.27 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	154.59 -0.57 0.00	158.12 -0.01 0.00	170.47 -0.05 0.00	173.99 -0.29 0.00	182.47 -0.39 0.00	163.41 0.75 0.00	196.37 0.63 0.00	269.67 0.38 0.00	216.23 0.58 0.00	193.23 0.53 0.00	229.81 -0.09 0.00	215.17 0.49 0.00	192.95 0.53 0.00	173.87 1.20 0.00	163.75 0.93 0.00	187.93 0.93 0.00	199.45 -0.03 0.00	512.46 0.98 0.00	235.95 0.88 0.00	177.69 0.54 0.00	178.92 0.66 0.00	182.14 0.45 0.00	185.40 0.08 0.00	191.38 0.70 0.00
GOUDEY___7 23579	154.59 -0.57 0.00	158.12 -0.01 0.00	170.47 -0.05 0.00	173.99 -0.29 0.00	182.47 -0.39 0.00	163.41 0.75 0.00	196.37 0.63 0.00	269.67 0.38 0.00	216.23 0.58 0.00	193.23 0.53 0.00	229.81 -0.09 0.00	215.17 0.49 0.00	192.95 0.53 0.00	173.87 1.20 0.00	163.75 0.93 0.00	187.93 0.93 0.00	199.45 -0.03 0.00	512.46 0.98 0.00	235.95 0.88 0.00	177.69 0.54 0.00	178.92 0.66 0.00	182.14 0.45 0.00	185.40 0.08 0.00	191.38 0.70 0.00
GOUDEY___8 23580	154.59 -0.57 0.00	158.12 -0.01 0.00	170.47 -0.05 0.00	173.99 -0.29 0.00	182.47 -0.39 0.00	163.41 0.75 0.00	196.37 0.63 0.00	269.67 0.38 0.00	216.23 0.58 0.00	193.23 0.53 0.00	229.81 -0.09 0.00	215.17 0.49 0.00	192.95 0.53 0.00	173.87 1.20 0.00	163.75 0.93 0.00	187.93 0.93 0.00	199.45 -0.03 0.00	512.46 0.98 0.00	235.95 0.88 0.00	177.69 0.54 0.00	178.92 0.66 0.00	182.14 0.45 0.00	185.40 0.08 0.00	191.38 0.70 0.00
GOWANUS_GT1_1 24077	403.73 11.80 -236.76	376.85 10.77 -207.95	355.01 10.26 -174.23	314.48 10.29 -129.91	314.55 11.38 -120.30	320.48 12.38 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.84 16.07 -634.11	1062.25 15.97 -853.57	1014.84 15.42 -769.52	826.46 16.45 -595.32	777.04 18.21 -566.40	810.69 18.19 -619.83	762.07 16.82 -582.43	1354.29 18.86 -1148.43	600.50 17.54 -383.48	653.46 39.31 -102.68	371.36 16.92 -119.38	410.58 15.02 -218.40	621.35 14.71 -428.37	595.41 15.17 -398.55	677.01 14.36 -477.33	412.96 12.97 -209.31
GOWANUS_GT1_2 24078	403.73 11.80 -236.76	376.85 10.77 -207.95	355.01 10.26 -174.23	314.48 10.29 -129.91	314.55 11.38 -120.30	320.48 12.38 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.84 16.07 -634.11	1062.25 15.97 -853.57	1014.84 15.42 -769.52	826.46 16.45 -595.32	777.04 18.21 -566.40	810.69 18.19 -619.83	762.07 16.82 -582.43	1354.29 18.86 -1148.43	600.50 17.54 -383.48	653.46 39.31 -102.68	371.36 16.92 -119.38	410.58 15.02 -218.40	621.35 14.71 -428.37	595.41 15.17 -398.55	677.01 14.36 -477.33	412.96 12.97 -209.31
GOWANUS_GT1_3 24079	403.73 11.80 -236.76	376.85 10.77 -207.95	355.01 10.26 -174.23	314.48 10.29 -129.91	314.55 11.38 -120.30	320.48 12.38 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.84 16.07 -634.11	1062.25 15.97 -853.57	1014.84 15.42 -769.52	826.46 16.45 -595.32	777.04 18.21 -566.40	810.69 18.19 -619.83	762.07 16.82 -582.43	1354.29 18.86 -1148.43	600.50 17.54 -383.48	653.46 39.31 -102.68	371.36 16.92 -119.38	410.58 15.02 -218.40	621.35 14.71 -428.37	595.41 15.17 -398.55	677.01 14.36 -477.33	412.96 12.97 -209.31
GOWANUS_GT1_4 24080	403.73 11.80 -236.76	376.85 10.77 -207.95	355.01 10.26 -174.23	314.48 10.29 -129.91	314.55 11.38 -120.30	320.48 12.38 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.84 16.07 -634.11	1062.25 15.97 -853.57	1014.84 15.42 -769.52	826.46 16.45 -595.32	777.04 18.21 -566.40	810.69 18.19 -619.83	762.07 16.82 -582.43	1354.29 18.86 -1148.43	600.50 17.54 -383.48	653.46 39.31 -102.68	371.36 16.92 -119.38	410.58 15.02 -218.40	621.35 14.71 -428.37	595.41 15.17 -398.55	677.01 14.36 -477.33	412.96 12.97 -209.31
GOWANUS_GT1_5 24084	403.73 11.80 -236.76	376.85 10.77 -207.95	355.01 10.26 -174.23	314.48 10.29 -129.91	314.55 11.38 -120.30	320.48 12.38 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.84 16.07 -634.11	1062.25 15.97 -853.57	1014.84 15.42 -769.52	826.46 16.45 -595.32	777.04 18.21 -566.40	810.69 18.19 -619.83	762.07 16.82 -582.43	1354.29 18.86 -1148.43	600.50 17.54 -383.48	653.46 39.31 -102.68	371.36 16.92 -119.38	410.58 15.02 -218.40	621.35 14.71 -428.37	595.41 15.17 -398.55	677.01 14.36 -477.33	412.96 12.97 -209.31
GOWANUS_GT1_6 24111	403.73 11.80 -236.76	376.85 10.77 -207.95	355.01 10.26 -174.23	314.48 10.29 -129.91	314.55 11.38 -120.30	320.48 12.38 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.84 16.07 -634.11	1062.25 15.97 -853.57	1014.84 15.42 -769.52	826.46 16.45 -595.32	777.04 18.21 -566.40	810.69 18.19 -619.83	762.07 16.82 -582.43	1354.29 18.86 -1148.43	600.50 17.54 -383.48	653.46 39.31 -102.68	371.36 16.92 -119.38	410.58 15.02 -218.40	621.35 14.71 -428.37	595.41 15.17 -398.55	677.01 14.36 -477.33	412.96 12.97 -209.31
GOWANUS_GT1_7 24112	403.73 11.80 -236.76	376.85 10.77 -207.95	355.01 10.26 -174.23	314.48 10.29 -129.91	314.55 11.38 -120.30	320.48 12.38 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.84 16.07 -634.11	1062.25 15.97 -853.57	1014.84 15.42 -769.52	826.46 16.45 -595.32	777.04 18.21 -566.40	810.69 18.19 -619.83	762.07 16.82 -582.43	1354.29 18.86 -1148.43	600.50 17.54 -383.48	653.46 39.31 -102.68	371.36 16.92 -119.38	410.58 15.02 -218.40	621.35 14.71 -428.37	595.41 15.17 -398.55	677.01 14.36 -477.33	412.96 12.97 -209.31
GOWANUS_GT1_8 24113	403.73 11.80 -236.76	376.85 10.77 -207.95	355.01 10.26 -174.23	314.48 10.29 -129.91	314.55 11.38 -120.30	320.48 12.38 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.84 16.07 -634.11	1062.25 15.97 -853.57	1014.84 15.42 -769.52	826.46 16.45 -595.32	777.04 18.21 -566.40	810.69 18.19 -619.83	762.07 16.82 -582.43	1354.29 18.86 -1148.43	600.50 17.54 -383.48	653.46 39.31 -102.68	371.36 16.92 -119.38	410.58 15.02 -218.40	621.35 14.71 -428.37	595.41 15.17 -398.55	677.01 14.36 -477.33	412.96 12.97 -209.31
GOWANUS_GT2_1 24114	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1015.43 15.56 -769.97	826.55 16.54 -595.32	941.60 18.25 -730.93	876.57 18.24 -685.66	906.93 16.91 -727.21	1360.16 18.91 -1154.25	823.72 17.55 -606.70	1769.03 39.39 -1218.16	730.08 16.98 -478.05	1499.16 15.08 -1306.93	1568.99 14.69 -1376.04	825.70 15.13 -628.88	676.99 14.34 -477.33	412.97 12.99 -209.31
GOWANUS_GT2_2 24115	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1015.43 15.56 -769.97	826.55 16.54 -595.32	941.60 18.25 -730.93	876.57 18.24 -685.66	906.93 16.91 -727.21	1360.16 18.91 -1154.25	823.72 17.55 -606.70	1769.03 39.39 -1218.16	730.08 16.98 -478.05	1499.16 15.08 -1306.93	1568.99 14.69 -1376.04	825.70 15.13 -628.88	676.99 14.34 -477.33	412.97 12.99 -209.31
GOWANUS_GT2_3 24116	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1015.43 15.56 -769.97	826.55 16.54 -595.32	941.60 18.25 -730.93	876.57 18.24 -685.66	906.93 16.91 -727.21	1360.16 18.91 -1154.25	823.72 17.55 -606.70	1769.03 39.39 -1218.16	730.08 16.98 -478.05	1499.16 15.08 -1306.93	1568.99 14.69 -1376.04	825.70 15.13 -628.88	676.99 14.34 -477.33	412.97 12.99 -209.31

GOWANUS_GT2_4 24117	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1015.43 15.56 -769.97	826.55 16.54 -595.32	941.60 18.25 -730.93	876.57 18.24 -685.66	906.93 16.91 -727.21	1360.16 18.91 -1154.25	823.72 17.55 -606.70	1769.03 39.39 -1218.16	730.08 16.98 -478.05	1499.16 15.08 -1306.93	1568.99 14.69 -1376.04	825.70 15.13 -628.88	676.99 14.34 -477.33	412.97 12.99 -209.31
GOWANUS_GT2_5 24118	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1015.43 15.56 -769.97	826.55 16.54 -595.32	941.60 18.25 -730.93	876.57 18.24 -685.66	906.93 16.91 -727.21	1360.16 18.91 -1154.25	823.72 17.55 -606.70	1769.03 39.39 -1218.16	730.08 16.98 -478.05	1499.16 15.08 -1306.93	1568.99 14.69 -1376.04	825.70 15.13 -628.88	676.99 14.34 -477.33	412.97 12.99 -209.31
GOWANUS_GT2_6 24119	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1015.43 15.56 -769.97	826.55 16.54 -595.32	941.60 18.25 -730.93	876.57 18.24 -685.66	906.93 16.91 -727.21	1360.16 18.91 -1154.25	823.72 17.55 -606.70	1769.03 39.39 -1218.16	730.08 16.98 -478.05	1499.16 15.08 -1306.93	1568.99 14.69 -1376.04	825.70 15.13 -628.88	676.99 14.34 -477.33	412.97 12.99 -209.31
GOWANUS_GT2_7 24120	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1015.43 15.56 -769.97	826.55 16.54 -595.32	941.60 18.25 -730.93	876.57 18.24 -685.66	906.93 16.91 -727.21	1360.16 18.91 -1154.25	823.72 17.55 -606.70	1769.03 39.39 -1218.16	730.08 16.98 -478.05	1499.16 15.08 -1306.93	1568.99 14.69 -1376.04	825.70 15.13 -628.88	676.99 14.34 -477.33	412.97 12.99 -209.31
GOWANUS_GT2_8 24121	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1015.43 15.56 -769.97	826.55 16.54 -595.32	941.60 18.25 -730.93	876.57 18.24 -685.66	906.93 16.91 -727.21	1360.16 18.91 -1154.25	823.72 17.55 -606.70	1769.03 39.39 -1218.16	730.08 16.98 -478.05	1499.16 15.08 -1306.93	1568.99 14.69 -1376.04	825.70 15.13 -628.88	676.99 14.34 -477.33	412.97 12.99 -209.31
GOWANUS_GT3_1 24122	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.82 16.05 -634.11	1062.26 15.98 -853.57	1014.84 15.42 -769.52	826.49 16.49 -595.32	777.03 18.20 -566.40	810.69 18.19 -619.83	762.08 16.84 -582.43	1354.26 18.83 -1148.43	600.48 17.52 -383.48	653.41 39.26 -102.68	371.32 16.87 -119.38	410.58 15.02 -218.40	621.31 14.67 -428.37	595.30 15.07 -398.55	676.99 14.34 -477.33	412.97 12.99 -209.31
GOWANUS_GT																								

GOWANUS_GT4_3 24132	403.73 11.80 -236.76	376.85 10.77 -207.95	355.01 10.26 -174.23	314.48 10.29 -129.91	314.55 11.38 -120.30	320.48 12.38 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.84 16.07 -634.11	1062.33 16.05 -853.57	1015.42 15.55 -769.97	826.51 16.50 -595.32	941.61 18.26 -730.93	876.57 18.23 -685.66	906.90 16.87 -727.21	1360.19 18.94 -1154.25	823.74 17.57 -606.70	1769.16 39.52 -1218.16	730.11 17.00 -478.05	1499.15 15.07 -1306.93	1569.07 14.77 -1376.04	825.75 15.17 -628.88	677.02 14.38 -477.33	412.97 12.99 -209.31
GOWANUS_GT4_4 24133	403.73 11.80 -236.76	376.85 10.77 -207.95	355.01 10.26 -174.23	314.48 10.29 -129.91	314.55 11.38 -120.30	320.48 12.38 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.84 16.07 -634.11	1062.33 16.05 -853.57	1015.42 15.55 -769.97	826.51 16.50 -595.32	941.61 18.26 -730.93	876.57 18.23 -685.66	906.90 16.87 -727.21	1360.19 18.94 -1154.25	823.74 17.57 -606.70	1769.16 39.52 -1218.16	730.11 17.00 -478.05	1499.15 15.07 -1306.93	1569.07 14.77 -1376.04	825.75 15.17 -628.88	677.02 14.38 -477.33	412.97 12.99 -209.31
GOWANUS_GT4_5 24134	403.73 11.80 -236.76	376.85 10.77 -207.95	355.01 10.26 -174.23	314.48 10.29 -129.91	314.55 11.38 -120.30	320.48 12.38 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.84 16.07 -634.11	1062.33 16.05 -853.57	1015.42 15.55 -769.97	826.51 16.50 -595.32	941.61 18.26 -730.93	876.57 18.23 -685.66	906.90 16.87 -727.21	1360.19 18.94 -1154.25	823.74 17.57 -606.70	1769.16 39.52 -1218.16	730.11 17.00 -478.05	1499.15 15.07 -1306.93	1569.07 14.77 -1376.04	825.75 15.17 -628.88	677.02 14.38 -477.33	412.97 12.99 -209.31
GOWANUS_GT4_6 24135	403.73 11.80 -236.76	376.85 10.77 -207.95	355.01 10.26 -174.23	314.48 10.29 -129.91	314.55 11.38 -120.30	320.48 12.38 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.84 16.07 -634.11	1062.33 16.05 -853.57	1015.42 15.55 -769.97	826.51 16.50 -595.32	941.61 18.26 -730.93	876.57 18.23 -685.66	906.90 16.87 -727.21	1360.19 18.94 -1154.25	823.74 17.57 -606.70	1769.16 39.52 -1218.16	730.11 17.00 -478.05	1499.15 15.07 -1306.93	1569.07 14.77 -1376.04	825.75 15.17 -628.88	677.02 14.38 -477.33	412.97 12.99 -209.31
GOWANUS_GT4_7 24136	403.73 11.80 -236.76	376.85 10.77 -207.95	355.01 10.26 -174.23	314.48 10.29 -129.91	314.55 11.38 -120.30	320.48 12.38 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.84 16.07 -634.11	1062.33 16.05 -853.57	1015.42 15.55 -769.97	826.51 16.50 -595.32	941.61 18.26 -730.93	876.57 18.23 -685.66	906.90 16.87 -727.21	1360.19 18.94 -1154.25	823.74 17.57 -606.70	1769.16 39.52 -1218.16	730.11 17.00 -478.05	1499.15 15.07 -1306.93	1569.07 14.77 -1376.04	825.75 15.17 -628.88	677.02 14.38 -477.33	412.97 12.99 -209.31
GOWANUS_GT4_8 24137	403.73 11.80 -236.76	376.85 10.77 -207.95	355.01 10.26 -174.23	314.48 10.29 -129.91	314.55 11.38 -120.30	320.48 12.38 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.84 16.07 -634.11	1062.33 16.05 -853.57	1015.42 15.55 -769.97	826.51 16.50 -595.32	941.61 18.26 -730.93	876.57 18.23 -685.66	906.90 16.87 -727.21	1360.19 18.94 -1154.25	823.74 17.57 -606.70	1769.16 39.52 -1218.16	730.11 17.00 -478.05	1499.15 15.07 -1306.93	1569.07 14.77 -1376.04	825.75 15.17 -628.88	677.02 14.38 -477.33	412.97 12.99 -209.31
GREENBSH_115KV_TB3 55895	159.70 4.54 0.00	162.54 4.42 0.00	175.51 4.99 0.00	179.25 4.98 0.00	188.31 5.44 0.00	168.38 5.72 0.00	202.31 6.57 0.00	276.60 7.32 0.00	222.97 7.31 0.00	200.06 7.36 0.00	236.65 6.75 0.00	220.99 6.31 0.00	199.54 7.12 0.00	179.78 7.10 0.00	168.80 5.98 0.00	192.92 5.92 0.00	203.62 4.14 0.00	519.37 7.89 0.00	237.54 2.48 0.00	179.94 2.79 0.00	181.21 2.94 0.00	186.05 4.36 0.00	190.49 5.17 0.00	195.33 4.65 0.00
GREENEDGE_115KV_TB5 80291	149.45 -5.71 0.00	153.22 -4.91 0.00	165.27 -5.25 0.00	169.03 -5.24 0.00	177.61 -5.26 0.00	159.60 -3.05 0.00	191.90 -3.84 0.00	266.36 -2.93 0.00	213.37 -2.29 0.00	188.70 -4.00 0.00	223.85 -6.05 0.00	208.10 -6.59 0.00	185.65 -6.77 0.00	168.55 -5.93 -1.82	175.39 -5.67 -18.24	188.20 -5.77 -6.97	195.22 -6.09 -1.83	502.21 -9.26 0.00	231.82 -3.25 0.00	173.67 -3.48 0.00	190.66 -3.65 -16.04	218.60 -4.46 -41.37	180.21 -5.11 0.00	188.29 -2.39 0.00
GREENIDGE___3 23582	149.45 -5.71 0.00	153.22 -4.91 0.00	165.27 -5.25 0.00	169.03 -5.24 0.00	177.61 -5.26 0.00	159.60 -3.05 0.00	191.90 -3.84 0.00	266.36 -2.93 0.00	213.37 -2.29 0.00	188.70 -4.00 0.00	223.85 -6.05 0.00	208.10 -6.59 0.00	185.65 -6.77 0.00	168.55 -5.93 -1.82	175.39 -5.67 -18.24	188.20 -5.77 -6.97	195.22 -6.09 -1.83	502.21 -9.26 0.00	231.82 -3.25 0.00	173.67 -3.48 0.00	190.66 -3.65 -16.04	218.60 -4.46 -41.37	180.21 -5.11 0.00	188.29 -2.39 0.00
GREENIDGE___4 23583	149.40 -5.76 0.00	153.20 -4.92 0.00	165.26 -5.26 0.00	169.02 -5.26 0.00	177.60 -5.27 0.00	159.59 -3.07 0.00	191.89 -3.85 0.00	266.31 -2.97 0.00	213.35 -2.30 0.00	188.67 -4.03 0.00	223.83 -6.07 0.00	208.06 -6.63 0.00	185.65 -6.77 0.00	168.55 -5.94 -1.82	175.38 -5.68 -18.24	188.17 -5.80 -6.97	195.23 -6.07 -1.83	502.19 -9.28 0.00	231.82 -3.24 0.00	173.67 -3.48 0.00	190.67 -3.64 -16.04	218.71 -4.35 -41.37	180.24 -5.08 0.00	188.29 -2.39 0.00
GREENLWN_69_KV_BK 3 55738	153.23 11.95 13.87	161.85 9.52 5.79	177.66 7.14 0.00	183.09 9.12 0.31	192.15 9.78 0.50	173.21 11.65 1.10	203.30 13.60 6.04	281.42 17.38 5.25	231.25 16.60 1.00	207.86 16.41 1.25	237.24 15.49 8.15	238.64 16.49 -7.46	212.86 17.41 -3.03	195.34 17.47 -5.19	189.85 16.57 -10.46	216.78 18.30 -11.48	228.15 17.49 -11.19	423.02 30.78 119.24	253.05 15.45 -2.53	206.74 14.83 -14.76	204.74 14.55 -11.92	197.19 15.15 -0.35	185.88 14.21 13.64	192.16 12.02 10.53
GREENWD_138_KV_38B11_REV_LBMP_J 345004	403.73 11.80 -236.76	376.85 10.77 -207.95	355.01 10.26 -174.23	314.48 10.29 -129.91	314.55 11.38 -120.30	320.48 12.38 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.84 16.07 -634.11	1062.33 16.05 -853.57	1014.97 15.55 -769.52	826.51 16.50 -595.32	777.09 18.26 -566.40	810.73 18.23 -619.83	762.12 16.87 -582.43	1354.37 18.94 -1148.43	600.53 17.57 -383.48	653.67 39.52 -102.68	371.45 17.00 -119.38	410.63 15.07 -218.40	621.41 14.77 -428.37	595.41 15.17 -398.55	677.02 14.38 -477.33	412.97 12.99 -209.31
GRISSOM___SOLAR 323813	164.94 9.78 0.00	167.97 9.84 0.00	181.42 10.89 0.00	185.44 11.16 0.00	194.96 12.09 0.00	174.21 11.55 0.00	210.23 14.49 0.00	290.06 20.78 0.00	230.52 14.87 0.00	204.37 11.67 0.00	243.01 13.11 0.00	226.51 11.83 0.00	203.13 10.70 0.00	182.28 9.60 0.00	172.30 9.48 0.00	198.96 11.96 0.00	213.85 14.37 0.00	551.69 40.22 0.00	253.55 18.49 0.00	191.18 14.03 0.00	192.18 13.91 0.00	195.39 13.70 0.00	198.33 13.01 0.00	203.89 13.22 0.00
GROVEVILLE___HYD 323602	165.61 10.44 0.00	168.03 9.91 0.00	180.49 9.96 0.00	184.44 10.16 0.00	194.08 11.21 0.00	174.38 11.72 0.00	210.14 14.40 0.00	288.13 18.85 0.00	231.74 16.09 0.00	208.23 15.53 0.00	245.78 15.88 0.00	230.48 15.80 0.00	208.52 16.10 0.00	188.63 15.96 0.00	177.97 15.15 0.00	203.59 16.59 0.00	215.42 15.94 0.00	548.63 37.16 0.00	251.16 16.10 0.00	190.84 13.68 0.00	191.84 13.57 0.00	195.72 14.03 0.00	198.24 12.92 0.00	202.62 11.95 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	153.29 -1.88 0.00	156.38 -1.74 0.00	168.62 -1.90 0.00	172.27 -2.00 0.00	180.84 -2.02 0.00	161.53 -1.13 0.00	194.58 -1.16 0.00	267.17 -2.11 0.00	214.19 -1.47 0.00	191.42 -1.29 0.00	227.35 -2.55 0.00	212.29 -2.39 0.00	190.59 -1.83 0.00	171.20 -1.47 0.00	161.13 -1.70 0.00	185.17 -1.84 0.00	197.44 -2.04 0.00	506.58 -4.89 0.00	233.15 -1.91 0.00	175.94 -1.22 0.00	176.93 -1.34 0.00	179.98 -1.71 0.00	183.03 -2.29 0.00	188.73 -1.95 0.00

HAMLTNNY_34_KV_TB 80303	153.30 -1.86 0.00	156.45 -1.68 0.00	168.68 -1.85 0.00	172.27 -2.00 0.00	180.95 -1.92 0.00	161.72 -0.94 0.00	194.86 -0.88 0.00	267.74 -1.55 0.00	214.75 -0.90 0.00	191.82 -0.88 0.00	227.94 -1.96 0.00	212.74 -1.94 0.00	190.90 -1.53 0.00	171.45 -1.22 0.00	161.28 -1.54 0.00	185.31 -1.70 0.00	197.36 -2.11 0.00	506.72 -4.76 0.00	233.31 -1.75 0.00	175.94 -1.22 0.00	176.98 -1.29 0.00	179.98 -1.71 0.00	183.10 -2.22 0.00	188.96 -1.72 0.00
HAMPSHIRE___PAPER_HYD 323593	156.27 1.11 0.00	158.76 0.63 0.00	171.12 0.59 0.00	175.18 0.90 0.00	183.28 0.41 0.00	162.71 0.05 0.00	194.98 -0.76 0.00	270.74 1.45 0.00	214.25 -1.41 0.00	190.63 -2.07 0.00	231.26 1.36 0.00	214.30 -0.38 0.00	191.40 -1.03 0.00	172.18 -0.49 0.00	162.62 -0.20 0.00	187.97 0.97 0.00	203.02 3.54 0.00	524.08 12.60 0.00	241.37 6.30 0.00	180.72 3.57 0.00	181.25 2.98 0.00	182.24 0.56 0.00	185.37 0.05 0.00	193.28 2.61 0.00
HARDSCRABBLE_WT_PWR 323673	158.60 3.43 0.00	161.76 3.64 0.00	174.85 4.33 0.00	178.35 4.08 0.00	187.28 4.42 0.00	167.94 5.28 0.00	203.33 7.59 0.00	277.05 7.76 0.00	221.64 5.98 0.00	198.10 5.40 0.00	235.14 5.24 0.00	220.00 5.32 0.00	197.75 5.32 0.00	178.33 5.66 0.00	168.47 5.65 0.00	193.16 6.16 0.00	203.92 4.45 0.00	525.18 13.71 0.00	240.72 5.66 0.00	182.42 5.26 0.00	183.76 5.49 0.00	188.78 7.10 0.00	192.10 6.78 0.00	196.21 5.53 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	163.87 8.71 0.00	166.22 8.10 0.00	178.54 8.02 0.00	182.39 8.12 0.00	192.01 9.14 0.00	172.51 9.85 0.00	207.77 12.03 0.00	284.78 15.49 0.00	228.89 13.23 0.00	205.74 13.04 0.00	242.71 12.81 0.00	227.95 13.26 0.00	205.81 13.84 0.46	186.52 13.85 0.00	175.97 13.15 0.00	201.39 14.39 0.00	213.07 13.59 0.00	542.42 30.94 0.00	248.10 13.04 0.00	188.65 11.50 0.00	189.65 11.39 0.00	193.53 11.85 0.00	196.00 10.69 0.00	200.32 9.64 0.00
HARSNRAD_115KV_TB1 81005	138.52 -16.64 0.00	142.54 -15.59 0.00	153.49 -17.03 0.00	156.75 -17.53 0.00	164.75 -18.12 0.00	148.36 -14.30 0.00	174.81 -20.92 0.00	242.66 -26.62 0.00	195.72 -19.94 0.00	173.95 -18.75 0.00	209.04 -20.86 0.00	194.37 -20.32 0.00	173.79 -18.63 0.00	152.70 -18.55 1.43	129.71 -18.61 14.50	158.53 -22.09 6.38	173.98 -23.62 1.87	461.77 -49.71 0.00	212.55 -22.48 0.04	157.55 -19.55 0.05	146.20 -19.38 12.69	120.14 -21.87 39.68	164.34 -20.98 0.00	172.92 -17.76 0.00
HARZA MOOSE___RIVER 24016	157.43 2.27 0.00	160.13 2.00 0.00	172.79 2.27 0.00	177.05 2.78 0.00	185.79 2.92 0.00	166.39 3.73 0.00	200.64 4.89 0.00	277.76 8.48 0.00	220.41 4.75 0.00	196.83 4.13 0.00	236.67 6.77 0.00	219.30 4.62 0.00	196.86 4.44 0.00	177.84 5.17 0.00	167.99 5.17 0.00	194.47 7.47 0.00	208.73 9.25 0.00	537.04 25.56 0.00	246.90 11.84 0.00	185.60 8.45 0.00	186.10 7.83 0.00	185.73 4.04 0.00	187.46 2.15 0.00	194.78 4.11 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	152.04 -3.12 0.00	155.12 -3.01 0.00	167.27 -3.25 0.00	170.88 -3.40 0.00	179.37 -3.50 0.00	160.25 -2.41 0.00	192.80 -2.94 0.00	264.80 -4.49 0.00	212.45 -3.20 0.00	189.94 -2.77 0.00	225.73 -4.16 0.00	210.77 -3.92 0.00	189.28 -3.14 0.00	170.08 -2.59 0.00	160.12 -2.70 0.00	183.87 -3.13 0.00	195.90 -3.57 0.00	502.75 -8.73 0.00	231.22 -3.85 0.00	174.41 -2.74 0.00	175.51 -2.76 0.00	178.43 -3.26 0.00	181.57 -3.75 0.00	187.17 -3.50 0.00
HELLGATE_13_KV_LD 55870	165.81 10.65 0.00	167.71 9.58 0.00	179.40 8.87 0.00	183.09 8.81 0.00	192.73 9.86 0.00	173.74 11.08 0.00	208.96 13.22 0.00	285.63 16.35 0.00	230.04 14.39 0.00	207.62 14.92 0.00	243.66 13.76 0.00	229.38 14.69 0.00	209.56 16.77 -0.36	189.98 16.98 -0.33	186.39 16.00 -7.57	204.54 17.53 0.00	215.70 16.23 0.00	546.78 35.31 0.00	250.14 15.08 0.00	191.00 13.84 0.00	191.79 13.52 0.00	195.68 13.99 0.00	198.15 12.83 0.00	202.04 11.36 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	165.81 10.65 0.00	167.71 9.58 0.00	179.40 8.87 0.00	183.09 8.81 0.00	192.73 9.86 0.00	173.74 11.08 0.00	208.96 13.22 0.00	285.63 16.35 0.00	230.04 14.39 0.00	207.62 14.92 0.00	243.66 13.76 0.00	229.38 14.69 0.00	209.56 16.77 -0.36	189.98 16.98 -0.33	186.39 16.00 -7.57	204.54 17.53 0.00	215.70 16.23 0.00	546.78 35.31 0.00	250.14 15.08 0.00	191.00 13.84 0.00	191.79 13.52 0.00	195.68 13.99 0.00	198.15 12.83 0.00	202.04 11.36 0.00
HEMPSTEAD____ 23647	207.00 12.51 -39.33	184.41 10.50 -15.78	179.52 8.99 -0.01	185.75 10.51 -0.96	195.98 11.55 -1.56	178.59 12.49 -3.44	227.06 14.85 -16.47	307.01 18.96 -18.77	271.98 17.71 -38.61	248.52 17.23 -38.59	275.00 16.88 -28.23	278.49 17.47 -46.33	259.56 18.23 -48.90	234.16 18.35 -43.15	223.96 17.41 -43.73	252.44 19.18 -46.27	267.94 18.25 -50.22	551.99 34.37 -6.15	288.23 16.83 -36.34	252.23 15.57 -59.51	242.10 15.38 -48.45	231.04 15.92 -33.43	247.28 14.81 -47.15	232.04 12.65 -28.71
HEWLETT_69_KV_BK3 55828	394.73 13.65 -225.92	260.94 11.37 -91.45	180.93 10.37 -0.03	191.14 12.23 -4.63	203.34 12.92 -7.55	193.63 14.32 -16.65	308.15 16.98 -95.42	393.53 21.25 -103.00	412.33 19.13 -177.54	389.41 18.39 -178.32	403.91 18.19 -155.82	416.38 19.04 -182.66	421.72 19.50 -209.80	367.78 18.86 -176.25	341.11 17.87 -160.42	375.02 19.73 -168.28	405.81 19.24 -187.10	843.36 37.78 -294.10	401.52 18.42 -148.04	410.23 16.61 -216.46	371.13 16.32 -176.54	347.95 16.84 -149.42	462.24 16.57 -260.35	371.73 14.72 -166.34
HICKLING___1 23621	150.76 -4.40 0.00	154.85 -3.28 0.00	167.02 -3.50 0.00	170.69 -3.59 0.00	179.24 -3.63 0.00	161.33 -1.33 0.00	193.11 -2.63 0.00	265.68 -3.61 0.00	212.83 -2.82 0.00	189.58 -3.12 0.00	225.80 -4.09 0.00	211.18 -3.50 0.00	188.70 -3.73 0.00	170.54 -2.69 -0.56	165.20 -3.25 -5.63	185.76 -3.39 -2.15	195.27 -4.77 -0.56	504.56 -6.91 0.00	233.10 -1.96 0.00	174.46 -2.70 0.00	181.51 -2.52 -5.76	191.30 -3.16 -12.77	182.00 -3.32 0.00	189.12 -1.56 0.00
HICKLING___2 23622	150.76 -4.40 0.00	154.85 -3.28 0.00	167.02 -3.50 0.00	170.69 -3.59 0.00	179.24 -3.63 0.00	161.33 -1.33 0.00	193.11 -2.63 0.00	265.68 -3.61 0.00	212.83 -2.82 0.00	189.58 -3.12 0.00	225.80 -4.09 0.00	211.18 -3.50 0.00	188.70 -3.73 0.00	170.54 -2.69 -0.56	165.20 -3.25 -5.63	185.76 -3.39 -2.15	195.27 -4.77 -0.56	504.56 -6.91 0.00	233.10 -1.96 0.00	174.46 -2.70 0.00	181.51 -2.52 -5.76	191.30 -3.16 -12.77	182.00 -3.32 0.00	189.12 -1.56 0.00
HIGH FALLS___HY 23754	165.85 10.69 0.00	168.26 10.13 0.00	180.83 10.31 0.00	184.82 10.54 0.00	194.57 11.70 0.00	174.78 12.12 0.00	211.06 15.32 0.00	289.92 20.63 0.00	233.15 17.49 0.00	209.39 16.69 0.00	247.03 17.13 0.00	231.63 16.95 0.00	209.42 17.00 0.00	189.34 16.67 0.00	178.80 15.98 0.00	204.72 17.72 0.00	216.83 17.35 0.00	552.57 41.10 0.00	253.24 18.18 0.00	192.38 15.23 0.00	193.32 15.06 0.00	196.93 15.24 0.00	199.15 13.84 0.00	203.47 12.79 0.00
HIGH_RIVER___SOLAR 323847	161.92 6.76 0.00	164.86 6.74 0.00	178.03 7.51 0.00	181.95 7.68 0.00	191.17 8.30 0.00	170.76 8.10 0.00	205.78 10.04 0.00	283.17 13.88 0.00	226.12 10.47 0.00	201.35 8.65 0.00	239.09 9.19 0.00	223.27 8.59 0.00	200.44 8.02 0.00	180.18 7.51 0.00	170.02 7.20 0.00	195.70 8.69 0.00	209.43 9.95 0.00	537.91 26.43 0.00	246.86 11.79 0.00	186.41 9.25 0.00	187.51 9.25 0.00	191.08 9.39 0.00	194.17 8.85 0.00	199.46 8.79 0.00

HILLBURN___GT 23639	163.34 8.18 0.00	165.64 7.51 0.00	177.71 7.19 0.00	181.55 7.27 0.00	191.17 8.30 0.00	171.91 9.25 0.00	206.96 11.22 0.00	283.38 14.10 0.00	227.74 12.08 0.00	204.83 12.13 0.00	241.32 11.42 0.00	226.77 12.09 0.00	204.90 13.01 0.53	185.87 13.20 0.00	175.38 12.55 0.00	200.64 13.64 0.00	212.18 12.71 0.00	539.20 27.72 0.00	246.66 11.60 0.00	187.77 10.61 0.00	188.77 10.51 0.00	192.67 10.99 0.00	195.13 9.81 0.00	199.29 8.62 0.00
HILLSIDE_115KV_TB1 80332	150.02 -5.14 0.00	154.07 -4.06 0.00	165.87 -4.65 0.00	169.25 -5.02 0.00	177.52 -5.34 0.00	159.57 -3.09 0.00	191.31 -4.43 0.00	262.70 -6.58 0.00	210.40 -5.25 0.00	187.74 -4.96 0.00	223.55 -6.35 0.00	209.51 -5.17 0.00	187.51 -4.91 0.00	169.91 -3.25 -0.50	164.09 -3.70 -4.98	184.78 -4.12 -1.90	193.76 -6.22 -0.50	498.58 -12.89 0.00	230.30 -4.76 0.00	172.74 -4.42 0.00	178.68 -4.08 -4.50	188.45 -4.53 -11.29	180.50 -4.82 0.00	187.26 -3.42 0.00
HISHELDN_WT_PWR 323625	141.62 -13.54 0.00	145.88 -12.24 0.00	157.58 -12.94 0.00	161.10 -13.17 0.00	169.48 -13.39 0.00	152.73 -9.93 0.00	180.94 -14.80 0.00	250.72 -18.56 0.00	201.69 -13.96 0.00	178.94 -13.76 0.00	214.45 -15.44 0.00	199.61 -15.07 0.00	177.32 -15.10 0.00	154.12 -15.10 3.44	113.03 -15.21 34.58	156.20 -17.58 13.22	177.35 -18.66 3.46	475.62 -35.86 0.00	220.02 -15.05 0.00	163.02 -14.13 0.00	134.43 -13.68 30.16	87.82 -15.42 78.45	170.17 -15.14 0.00	178.46 -12.22 0.00
HOLTSVILLE_IC_1 23690	152.07 13.48 16.57	162.02 10.77 6.88	178.68 8.16 0.00	184.20 10.29 0.37	193.54 11.28 0.60	174.26 12.93 1.33	203.38 14.82 7.18	280.92 18.10 6.47	230.47 17.82 3.01	206.37 16.94 3.27	235.54 15.64 10.00	236.87 16.69 -5.49	210.68 17.55 -0.70	193.80 17.86 -3.27	188.67 17.07 -8.78	215.57 18.86 -9.71	226.47 17.78 -9.21	410.32 23.90 125.05	249.64 13.76 -0.81	204.55 14.90 -12.49	202.94 14.60 -10.07	195.92 15.56 1.32	183.61 15.01 16.72	190.46 12.30 12.52
HOLTSVILLE_IC_10 23699	154.15 14.47 15.48	163.40 11.72 6.44	179.56 9.03 0.00	185.13 11.20 0.35	194.62 12.31 0.56	175.35 13.93 1.24	205.08 16.06 6.72	282.91 19.61 5.98	232.89 19.44 2.20	208.73 18.49 2.46	238.07 17.42 9.25	239.33 18.36 -6.29	213.03 18.97 -1.64	195.88 19.16 -4.05	190.58 18.30 -9.46	217.77 20.34 -10.42	228.78 19.30 -10.01	413.74 24.99 122.72	250.82 14.27 -1.49	206.75 16.19 -13.40	205.04 15.96 -10.82	198.01 16.97 0.65	186.10 16.26 15.48	192.37 13.41 11.72
HOLTSVILLE_IC_2 23691	152.07 13.48 16.57	162.02 10.77 6.88	178.68 8.16 0.00	184.20 10.29 0.37	193.54 11.28 0.60	174.26 12.93 1.33	203.38 14.82 7.18	280.92 18.10 6.47	230.47 17.82 3.01	206.37 16.94 3.27	235.54 15.64 10.00	236.87 16.69 -5.49	210.68 17.55 -0.70	193.80 17.86 -3.27	188.67 17.07 -8.78	215.57 18.86 -9.71	226.47 17.78 -9.21	410.32 23.90 125.05	249.64 13.76 -0.81	204.55 14.90 -12.49	202.94 14.60 -10.07	195.92 15.56 1.32	183.61 15.01 16.72	190.46 12.30 12.52
HOLTSVILLE_IC_3 23692	152.07 13.48 16.57	162.02 10.77 6.88	178.68 8.16 0.00	184.20 10.29 0.37	193.54 11.28 0.60	174.26 12.93 1.33	203.38 14.82 7.18	280.92 18.10 6.47	230.47 17.82 3.01	206.37 16.94 3.27	235.54 15.64 10.00	236.87 16.69 -5.49	210.68 17.55 -0.70	193.80 17.86 -3.27	188.67 17.07 -8.78	215.57 18.86 -9.71	226.47 17.78 -9.21	410.32 23.90 125.05	249.64 13.76 -0.81	204.55 14.90 -12.49	202.94 14.60 -10.07	195.92 15.56 1.32	183.61 15.01 16.72	190.46 12.30 12.52
HOLTSVILLE_IC_4 23693	152.07 13.48 16.57	162.02 10.77 6.88	178.68 8.16 0.00	184.20 10.29 0.37	193.54 11.28 0.60	174.26 12.93 1.33	203.38 14.82 7.18	280.92 18.10 6.47	230.47 17.82 3.01	206.37 16.94 3.27	235.54 15.64 10.00	236.87 16.69 -5.49	210.68 17.55 -0.70	193.80 17.86 -3.27	188.67 17.07 -8.78	215.57 18.86 -9.71	226.47 17.78 -9.21	410.32 23.90 125.05	249.64 13.76 -0.81	204.55 14.90 -12.49	202.94 14.60 -10.07	195.92 15.56 1.32	183.61 15.01 16.72	190.46 12.30 12.52
HOLTSVILLE_IC_5 23694	152.07 13.48 16.57	162.02 10.77 6.88	178.68 8.16 0.00	184.20 10.29 0.37	193.54 11.28 0.60	174.26 12.93 1.33	203.38 14.82 7.18	280.92 18.10 6.47	230.47 17.82 3.01	206.37 16.94 3.27	235.54 15.64 10.00	236.87 16.69 -5.49	210.68 17.55 -0.70	193.80 17.86 -3.27	188.67 17.07 -8.78	215.57 18.86 -9.71	226.47 17.78 -9.21	410.32 23.90 125.05	249.64 13.76 -0.81	204.55 14.90 -12.49	202.94 14.60 -10.07	195.92 15.56 1.32	183.61 15.01 16.72	190.46 12.30 12.52
HOLTSVILLE_IC_6 23695	154.15 14.47 15.48	163.40 11.72 6.44	179.56 9.03 0.00	185.13 11.20 0.35	194.62 12.31 0.56	175.35 13.93 1.24	205.08 16.06 6.72	282.91 19.61 5.98	232.89 19.44 2.20	208.73 18.49 2.46	238.07 17.42 9.25	239.33 18.36 -6.29	213.03 18.97 -1.64	195.88 19.16 -4.05	190.58 18.30 -9.46	217.77 20.34 -10.42	228.78 19.30 -10.01	413.74 24.99 122.72	250.82 14.27 -1.49	206.75 16.19 -13.40	205.04 15.96 -10.82	198.01 16.97 0.65	186.10 16.26 15.48	192.37 13.41 11.72
HOLTSVILLE_IC_7 23696	154.15 14.47 15.48	163.40 11.72 6.44	179.56 9.03 0.00	185.13 11.20 0.35	194.62 12.31 0.56	175.35 13.93 1.24	205.08 16.06 6.72	282.91 19.61 5.98	232.89 19.44 2.20	208.73 18.49 2.46	238.07 17.42 9.25	239.33 18.36 -6.29	213.03 18.97 -1.64	195.88 19.16 -4.05	190.58 18.30 -9.46	217.77 20.34 -10.42	228.78 19.30 -10.01	413.74 24.99 122.72	250.82 14.27 -1.49	206.75 16.19 -13.40	205.04 15.96 -10.82	198.01 16.97 0.65	186.10 16.26 15.48	192.37 13.41 11.72
HOLTSVILLE_IC_8 23697	154.15 14.47 15.48	163.40 11.72 6.44	179.56 9.03 0.00	185.13 11.20 0.35	194.62 12.31 0.56	175.35 13.93 1.24	205.08 16.06 6.72	282.91 19.61 5.98	232.89 19.44 2.20	208.73 18.49 2.46	238.07 17.42 9.25	239.33 18.36 -6.29	213.03 18.97 -1.64	195.88 19.16 -4.05	190.58 18.30 -9.46	217.77 20.34 -10.42	228.78 19.30 -10.01	413.74 24.99 122.72	250.82 14.27 -1.49	206.75 16.19 -13.40	205.04 15.96 -10.82	198.01 16.97 0.65	186.10 16.26 15.48	192.37 13.41 11.72
HOLTSVILLE_IC_9 23698	154.15 14.47 15.48	163.40 11.72 6.44	179.56 9.03 0.00	185.13 11.20 0.35	194.62 12.31 0.56	175.35 13.93 1.24	205.08 16.06 6.72	282.91 19.61 5.98	232.89 19.44 2.20	208.73 18.49 2.46	238.07 17.42 9.25	239.33 18.36 -6.29	213.03 18.97 -1.64	195.88 19.16 -4.05	190.58 18.30 -9.46	217.77 20.34 -10.42	228.78 19.30 -10.01	413.74 24.99 122.72	250.82 14.27 -1.49	206.75 16.19 -13.40	205.04 15.96 -10.82	198.01 16.97 0.65	186.10 16.26 15.48	192.37 13.41 11.72
HOMER_HL_115KV_TB2 355744	148.02 -7.14 0.00	152.31 -5.81 0.00	164.00 -6.53 0.00	167.36 -6.91 0.00	174.93 -7.94 0.00	157.66 -5.00 0.00	186.90 -8.84 0.00	259.02 -10.27 0.00	207.61 -8.05 0.00	184.31 -8.39 0.00	220.50 -9.40 0.00	206.19 -8.49 0.00	184.15 -8.27 0.00	166.17 -6.20 0.29	154.31 -5.56 2.96	177.77 -8.10 1.13	189.82 -9.36 0.29	491.55 -19.92 0.00	225.96 -9.10 0.00	168.61 -8.55 0.00	168.52 -7.18 2.57	167.10 -7.88 6.71	178.52 -6.80 0.00	186.26 -4.42 0.00
HOWARD_WT_PWR 323690	143.03 -12.14 0.00	148.07 -10.06 0.00	160.91 -9.61 0.00	165.39 -8.89 0.00	174.05 -8.81 0.00	156.98 -5.69 0.00	187.73 -8.01 0.00	261.02 -8.26 0.00	209.81 -5.84 0.00	186.03 -6.67 0.00	221.89 -8.01 0.00	205.88 -8.80 0.00	182.62 -9.81 0.00	167.07 -9.46 -3.86	191.75 -9.84 -38.77	191.84 -9.97 -14.82	192.77 -10.58 -3.88	496.17 -15.31 0.00	229.63 -5.44 0.00	170.74 -6.42 0.00	206.24 -5.96 -33.93	262.32 -7.31 -87.94	177.46 -7.86 0.00	184.83 -5.85 0.00

HQ_GEN_CEDARS 23644	157.13 1.97 0.00	160.06 1.94 0.00	172.40 1.88 0.00	176.32 2.05 0.00	184.40 1.53 0.00	162.85 0.20 0.00	195.74 0.00 0.00	271.27 1.98 0.00	216.16 0.50 0.00	191.80 -0.90 0.00	231.53 1.63 0.00	215.38 0.70 0.00	191.37 -1.05 0.00	170.40 -2.27 0.00	160.97 -1.84 0.00	185.62 -1.38 0.00	200.35 0.87 0.00	517.50 6.02 0.00	238.70 3.64 0.00	178.33 1.17 0.00	179.33 1.06 0.00	182.76 1.07 0.00	187.85 2.53 0.00	194.15 3.48 0.00
HQ_GEN_CEDARS_PROXY 323590	157.13 1.97 0.00	160.06 1.94 0.00	172.40 1.88 0.00	176.33 2.05 0.00	184.39 1.53 0.00	162.85 0.20 0.00	195.74 0.00 0.00	271.26 1.98 0.00	216.16 0.50 0.00	191.81 -0.90 0.00	239.10 1.65 -7.55	215.39 0.70 0.00	191.37 -1.05 0.00	170.41 -2.26 0.00	160.98 -1.85 0.00	185.62 -1.38 0.00	200.37 0.89 0.00	517.49 6.02 0.00	238.70 3.63 0.00	178.33 1.17 0.00	179.33 1.06 0.00	182.76 1.07 0.00	187.85 2.53 0.00	194.15 3.47 0.00
HQ_GEN_IMPORT 323601	154.92 -0.24 0.00	158.26 -0.24 -0.37	170.15 -0.37 0.00	173.97 -0.30 0.00	182.22 -0.65 0.00	161.09 -1.57 0.00	193.94 -1.80 0.00	268.20 -1.08 0.00	213.05 -1.76 0.84	187.70 -2.30 2.70	234.62 -0.69 -5.41	213.75 -0.94 0.00	189.96 -2.46 0.00	169.34 -3.32 0.00	159.88 -2.94 0.00	184.30 -2.70 0.00	198.29 -1.19 0.00	510.80 -0.68 0.00	235.39 0.32 0.00	176.28 -0.88 0.00	177.38 -0.89 0.00	180.64 -1.05 0.00	185.07 -0.25 0.00	190.68 0.01 0.00
HQ_GEN_WHEEL 23651	154.92 -0.24 0.00	158.26 -0.24 -0.37	170.15 -0.37 0.00	173.97 -0.30 0.00	182.22 -0.65 0.00	161.09 -1.57 0.00	193.94 -1.80 0.00	268.20 -1.08 0.00	213.05 -1.76 0.84	187.70 -2.30 2.70	234.62 -0.69 -5.41	213.75 -0.94 0.00	189.96 -2.46 0.00	169.34 -3.32 0.00	159.88 -2.94 0.00	184.30 -2.70 0.00	198.29 -1.19 0.00	510.80 -0.68 0.00	235.39 0.32 0.00	176.28 -0.88 0.00	177.38 -0.89 0.00	180.64 -1.05 0.00	185.07 -0.25 0.00	190.68 0.01 0.00
HUDSON AVE_GT_3 23810	165.41 10.25 0.00	167.45 9.33 0.00	179.16 8.64 0.00	182.99 8.71 0.00	192.64 9.78 0.00	173.45 10.79 0.00	208.84 13.10 0.00	285.77 16.49 0.00	230.15 14.50 0.00	207.56 14.85 0.00	244.09 14.20 0.00	229.82 15.13 0.00	209.38 16.59 -0.36	189.44 16.77 0.00	178.64 15.82 0.00	204.37 17.36 0.00	215.88 16.40 0.00	547.62 36.15 0.00	250.66 15.60 0.00	191.00 13.84 0.00	191.93 13.66 0.00	195.82 14.13 0.00	198.34 13.02 0.00	202.32 11.65 0.00
HUDSON AVE_GT_4 23540	165.41 10.25 0.00	167.45 9.33 0.00	179.16 8.64 0.00	182.99 8.71 0.00	192.64 9.78 0.00	173.45 10.79 0.00	208.84 13.10 0.00	285.77 16.49 0.00	230.15 14.50 0.00	207.56 14.85 0.00	244.09 14.20 0.00	229.82 15.13 0.00	209.38 16.59 -0.36	189.44 16.77 0.00	178.64 15.82 0.00	204.37 17.36 0.00	215.88 16.40 0.00	547.62 36.15 0.00	250.66 15.60 0.00	191.00 13.84 0.00	191.93 13.66 0.00	195.82 14.13 0.00	198.34 13.02 0.00	202.32 11.65 0.00
HUDSON AVE_GT_5 23657	165.41 10.25 0.00	167.45 9.33 0.00	179.16 8.64 0.00	182.99 8.71 0.00	192.64 9.78 0.00	173.45 10.79 0.00	208.84 13.10 0.00	285.77 16.49 0.00	230.15 14.50 0.00	207.56 14.85 0.00	244.09 14.20 0.00	229.82 15.13 0.00	209.38 16.59 -0.36	189.44 16.77 0.00	178.64 15.82 0.00	204.37 17.36 0.00	215.88 16.40 0.00	547.62 36.15 0.00	250.66 15.60 0.00	191.00 13.84 0.00	191.93 13.66 0.00	195.82 14.13 0.00	198.34 13.02 0.00	202.32 11.65 0.00
HUDSON_AVE_10 24168	164.83 9.67 0.00	166.86 8.73 0.00	178.51 7.99 0.00	182.28 8.00 0.00	191.82 8.95 0.00	172.82 10.16 0.00	208.11 12.37 0.00	284.78 15.49 0.00	229.29 13.63 0.00	206.81 14.11 0.00	243.11 13.22 0.00	228.91 14.22 0.00	208.71 15.92 -0.36	188.85 16.18 0.00	178.08 15.26 0.00	203.73 16.72 0.00	215.11 15.63 0.00	557.53 33.97 -12.08	249.75 14.69 0.00	190.33 13.17 0.00	191.29 13.02 0.00	195.23 13.55 0.00	197.76 12.44 0.00	201.76 11.08 0.00
HUDSON___115KV_TB 4 355613	163.42 8.26 0.00	166.37 8.24 0.00	179.84 9.32 0.00	183.74 9.47 0.00	193.09 10.22 0.00	172.88 10.22 0.00	208.24 12.50 0.00	285.35 16.06 0.00	229.78 14.13 0.00	205.83 13.13 0.00	243.17 13.27 0.00	226.79 12.10 0.00	204.22 11.80 0.00	183.86 11.19 0.00	172.73 9.91 0.00	198.00 10.99 0.00	209.51 10.03 0.00	536.59 25.11 0.00	245.74 10.69 0.00	185.91 8.75 0.00	187.02 8.75 0.00	191.47 9.78 0.00	195.70 10.38 0.00	200.70 10.03 0.00
HUNTER MOUNT___DRP 323613	164.60 9.44 0.00	167.66 9.54 0.00	181.35 10.83 0.00	185.29 11.02 0.00	194.65 11.78 0.00	174.31 11.65 0.00	210.12 14.38 0.00	287.97 18.68 0.00	231.94 16.28 0.00	207.69 14.99 0.00	245.68 15.78 0.00	228.84 14.16 0.00	205.94 13.52 0.00	185.11 12.44 0.00	173.98 11.16 0.00	199.46 12.46 0.00	211.16 11.68 0.00	541.69 30.21 0.00	248.16 13.09 0.00	187.51 10.35 0.00	188.62 10.36 0.00	193.06 11.37 0.00	197.32 12.00 0.00	202.39 11.72 0.00
HUNTINGTON_RES_REC 323705	152.83 13.16 15.48	162.07 10.39 6.44	178.26 7.74 0.00	183.74 9.81 0.34	193.21 10.91 0.56	173.94 12.52 1.24	203.42 14.40 6.72	280.72 17.41 5.98	230.60 17.15 2.20	207.05 16.81 2.46	236.35 15.70 9.25	237.79 16.81 -6.29	211.64 17.57 -1.64	194.49 17.78 -4.05	189.20 16.92 -9.46	216.13 18.71 -10.42	227.32 17.83 -10.01	416.46 27.57 122.59	251.25 14.68 -1.51	205.63 15.07 -13.40	203.88 14.79 -10.82	196.49 15.45 0.65	184.48 14.64 15.48	190.93 11.97 11.72
HUNTLEY___63 23557	141.05 -14.11 0.00	145.15 -12.98 0.00	156.36 -14.16 0.00	159.67 -14.61 0.00	167.74 -15.13 0.00	151.05 -11.61 0.00	178.34 -17.40 0.00	247.53 -21.75 0.00	199.65 -16.00 0.00	177.32 -15.38 0.00	213.28 -16.62 0.00	198.35 -16.33 0.00	177.18 -15.25 0.00	156.17 -15.45 1.05	136.96 -15.36 10.50	164.47 -18.58 3.95	178.48 -19.97 1.02	471.37 -40.10 0.00	217.04 -18.02 0.00	160.69 -16.47 0.00	153.24 -15.88 9.15	140.17 -18.21 23.30	167.64 -17.68 0.00	176.24 -14.43 0.00
HUNTLEY___64 23558	141.05 -14.11 0.00	145.15 -12.98 0.00	156.36 -14.16 0.00	159.67 -14.61 0.00	167.74 -15.13 0.00	151.05 -11.61 0.00	178.34 -17.40 0.00	247.53 -21.75 0.00	199.65 -16.00 0.00	177.32 -15.38 0.00	213.28 -16.62 0.00	198.35 -16.33 0.00	177.18 -15.25 0.00	156.17 -15.45 1.05	136.96 -15.36 10.50	164.47 -18.58 3.95	178.48 -19.97 1.02	471.37 -40.10 0.00	217.04 -18.02 0.00	160.69 -16.47 0.00	153.24 -15.88 9.15	140.17 -18.21 23.30	167.64 -17.68 0.00	176.24 -14.43 0.00
HUNTLEY___65 23559	141.05 -14.11 0.00	145.15 -12.98 0.00	156.36 -14.16 0.00	159.67 -14.61 0.00	167.74 -15.13 0.00	151.05 -11.61 0.00	178.34 -17.40 0.00	247.53 -21.75 0.00	199.65 -16.00 0.00	177.32 -15.38 0.00	213.28 -16.62 0.00	198.35 -16.33 0.00	177.18 -15.25 0.00	156.17 -15.45 1.05	136.96 -15.36 10.50	164.47 -18.58 3.95	178.48 -19.97 1.02	471.37 -40.10 0.00	217.04 -18.02 0.00	160.69 -16.47 0.00	153.24 -15.88 9.15	140.17 -18.21 23.30	167.64 -17.68 0.00	176.24 -14.43 0.00
HUNTLEY___66 23560	141.05 -14.11 0.00	145.15 -12.98 0.00	156.36 -14.16 0.00	159.67 -14.61 0.00	167.74 -15.13 0.00	151.05 -11.61 0.00	178.34 -17.40 0.00	247.53 -21.75 0.00	199.65 -16.00 0.00	177.32 -15.38 0.00	213.28 -16.62 0.00	198.35 -16.33 0.00	177.18 -15.25 0.00	156.17 -15.45 1.05	136.96 -15.36 10.50	164.47 -18.58 3.95	178.48 -19.97 1.02	471.37 -40.10 0.00	217.04 -18.02 0.00	160.69 -16.47 0.00	153.24 -15.88 9.15	140.17 -18.21 23.30	167.64 -17.68 0.00	176.24 -14.43 0.00



HUNTLEY___67 23561	140.50 -14.66 0.00	144.49 -13.64 0.00	155.72 -14.80 0.00	159.04 -15.23 0.00	167.08 -15.79 0.00	150.43 -12.23 0.00	177.84 -17.90 0.00	246.82 -22.46 0.00	198.77 -16.88 0.00	176.52 -16.18 0.00	212.16 -17.73 0.00	197.34 -17.34 0.00	176.23 -16.19 0.00	155.09 -16.31 1.27	133.77 -16.29 12.75	162.71 -19.39 4.89	177.65 -20.54 1.29	469.18 -42.30 0.00	215.94 -19.13 0.00	159.97 -17.19 0.00	150.34 -16.80 11.12	133.60 -18.99 29.10	167.10 -18.22 0.00	175.62 -15.05 0.00
HUNTLEY___68 23562	140.50 -14.66 0.00	144.49 -13.64 0.00	155.72 -14.80 0.00	159.04 -15.23 0.00	167.08 -15.79 0.00	150.43 -12.23 0.00	177.84 -17.90 0.00	246.82 -22.46 0.00	198.77 -16.88 0.00	176.52 -16.18 0.00	212.16 -17.73 0.00	197.34 -17.34 0.00	176.23 -16.19 0.00	155.09 -16.31 1.27	133.77 -16.29 12.75	162.71 -19.39 4.89	177.65 -20.54 1.29	469.18 -42.30 0.00	215.94 -19.13 0.00	159.97 -17.19 0.00	150.34 -16.80 11.12	133.60 -18.99 29.10	167.10 -18.22 0.00	175.62 -15.05 0.00
HYLAND___LFGE 323620	154.76 -0.40 0.00	158.89 0.76 0.00	171.58 1.06 0.00	175.70 1.43 0.00	185.00 2.14 0.00	162.01 -0.65 0.00	184.25 -11.49 0.00	258.48 -10.80 0.00	207.13 -8.52 0.00	182.57 -10.14 0.00	220.48 -9.42 0.00	201.36 -13.32 0.00	178.21 -14.22 0.00	162.76 -14.23 -4.31	194.49 -11.64 -43.31	191.64 -11.91 -16.55	193.30 -10.51 -4.33	499.62 -11.86 0.00	230.92 -4.15 0.00	173.38 -3.78 0.00	224.43 8.32 -37.84	283.69 3.76 -98.24	188.12 2.80 0.00	195.36 4.68 0.00
INDECK___CORINTH 23802	165.30 10.14 0.00	168.30 10.17 0.00	181.59 11.07 0.00	185.56 11.28 0.00	195.18 12.31 0.00	175.79 13.13 0.00	212.07 16.33 0.00	290.98 21.69 0.00	232.75 17.09 0.00	207.71 15.00 0.00	247.01 17.11 0.00	230.31 15.62 0.00	207.15 14.73 0.00	187.22 14.55 0.00	176.60 13.78 0.00	202.20 15.20 0.00	214.68 15.20 0.00	551.52 40.04 0.00	252.50 17.43 0.00	190.48 13.33 0.00	192.30 14.03 0.00	196.65 14.97 0.00	199.30 13.98 0.00	204.58 13.91 0.00
INDECK___ILION 23567	157.86 2.70 0.00	160.84 2.71 0.00	173.62 3.10 0.00	177.32 3.05 0.00	186.18 3.32 0.00	166.45 3.79 0.00	200.77 5.03 0.00	274.99 5.70 0.00	220.40 4.75 0.00	196.99 4.29 0.00	234.06 4.16 0.00	218.67 3.99 0.00	196.70 4.28 0.00	177.18 4.51 0.00	167.12 4.30 0.00	191.62 4.62 0.00	203.05 3.57 0.00	521.11 9.64 0.00	238.96 3.90 0.00	180.73 3.57 0.00	181.95 3.69 0.00	186.19 4.51 0.00	189.47 4.15 0.00	194.22 3.54 0.00
INDECK___OLEAN 23982	147.96 -7.21 0.00	152.27 -5.86 0.00	163.98 -6.54 0.00	167.35 -6.92 0.00	174.90 -7.97 0.00	157.66 -5.00 0.00	186.88 -8.86 0.00	258.92 -10.37 0.00	207.58 -8.08 0.00	184.29 -8.41 0.00	220.51 -9.39 0.00	206.18 -8.51 0.00	184.18 -8.24 0.00	166.17 -6.20 0.29	154.30 -5.56 2.96	177.71 -8.16 1.13	189.81 -9.37 0.29	491.47 -20.01 0.00	225.92 -9.14 0.00	168.61 -8.55 0.00	168.57 -7.13 2.57	167.35 -7.63 6.71	178.56 -6.75 0.00	186.21 -4.46 0.00
INDECK___OSWEGO 23783	150.35 -4.81 0.00	153.24 -4.88 0.00	165.25 -5.27 0.00	168.84 -5.43 0.00	177.25 -5.61 0.00	158.08 -4.58 0.00	190.17 -5.57 0.00	260.75 -8.53 0.00	209.07 -6.58 0.00	187.13 -5.57 0.00	222.40 -7.50 0.00	207.69 -6.99 0.00	186.75 -5.68 0.00	167.78 -4.89 0.00	157.21 -5.61 0.00	180.14 -6.86 0.00	191.89 -7.59 0.00	491.02 -20.46 0.00	225.88 -9.18 0.00	170.87 -6.29 0.00	172.06 -6.21 0.00	175.70 -5.99 0.00	179.05 -6.27 0.00	184.72 -5.95 0.00
INDECK___YERKES 23781	141.13 -14.03 0.00	145.27 -12.86 0.00	156.52 -14.00 0.00	159.84 -14.43 0.00	167.90 -14.96 0.00	151.19 -11.47 0.00	178.51 -17.23 0.00	247.62 -21.67 0.00	199.86 -15.80 0.00	177.50 -15.20 0.00	213.50 -16.40 0.00	198.53 -16.15 0.00	177.38 -15.04 0.00	156.33 -15.29 1.05	137.13 -15.19 10.50	164.70 -18.34 3.95	178.70 -19.76 1.02	471.77 -39.71 0.00	217.22 -17.85 0.00	160.82 -16.34 0.00	153.55 -15.57 9.15	140.68 -17.71 23.30	167.84 -17.48 0.00	176.39 -14.29 0.00
INDIAN POINT_GT_1 24139	163.73 8.57 0.00	165.95 7.82 0.00	178.00 7.48 0.00	181.81 7.54 0.00	191.35 8.48 0.00	172.06 9.41 0.00	207.12 11.38 0.00	283.57 14.28 0.00	228.06 12.40 0.00	205.20 12.49 0.00	241.83 11.93 0.00	227.21 12.53 0.00	206.43 13.58 -0.43	186.49 13.82 0.00	175.93 13.11 0.00	201.20 14.20 0.00	212.70 13.22 0.00	540.28 28.80 0.00	247.19 12.13 0.00	188.17 11.01 0.00	189.22 10.96 0.00	193.18 11.50 0.00	195.71 10.39 0.00	199.83 9.15 0.00
INDIAN POINT_GT_2 23659	163.73 8.57 0.00	165.95 7.82 0.00	178.00 7.48 0.00	181.81 7.54 0.00	191.35 8.48 0.00	172.06 9.41 0.00	207.12 11.38 0.00	283.57 14.28 0.00	228.06 12.40 0.00	205.20 12.49 0.00	241.83 11.93 0.00	227.21 12.53 0.00	206.43 13.58 -0.43	186.49 13.82 0.00	175.93 13.11 0.00	201.20 14.20 0.00	212.70 13.22 0.00	540.28 28.80 0.00	247.19 12.13 0.00	188.17 11.01 0.00	189.22 10.96 0.00	193.18 11.50 0.00	195.71 10.39 0.00	199.83 9.15 0.00
INDIAN POINT_GT_3 24019	163.73 8.57 0.00	165.95 7.82 0.00	178.00 7.48 0.00	181.81 7.54 0.00	191.35 8.48 0.00	172.06 9.41 0.00	207.12 11.38 0.00	283.57 14.28 0.00	228.06 12.40 0.00	205.20 12.49 0.00	241.83 11.93 0.00	227.21 12.53 0.00	206.43 13.58 -0.43	186.49 13.82 0.00	175.93 13.11 0.00	201.20 14.20 0.00	212.70 13.22 0.00	540.28 28.80 0.00	247.19 12.13 0.00	188.17 11.01 0.00	189.22 10.96 0.00	193.18 11.50 0.00	195.71 10.39 0.00	199.83 9.15 0.00
INDIAN POINT___2 23530	163.42 8.26 0.00	165.62 7.49 0.00	177.67 7.15 0.00	181.48 7.20 0.00	191.04 8.17 0.00	171.76 9.10 0.00	206.73 10.99 0.00	283.03 13.74 0.00	227.58 11.93 0.00	204.70 12.00 0.00	241.23 11.33 0.00	226.68 12.00 0.00	206.08 13.07 -0.59	186.00 13.33 0.00	175.47 12.65 0.00	200.70 13.70 0.00	212.20 12.72 0.00	539.08 27.61 0.00	246.62 11.56 0.00	187.77 10.61 0.00	188.77 10.51 0.00	192.70 11.02 0.00	195.21 9.89 0.00	199.43 8.76 0.00
INDIAN POINT___3 23531	163.27 8.11 0.00	165.63 7.50 0.00	177.74 7.22 0.00	181.55 7.27 0.00	191.12 8.25 0.00	171.81 9.15 0.00	206.81 11.07 0.00	283.06 13.77 0.00	227.63 11.97 0.00	204.79 12.09 0.00	241.35 11.45 0.00	226.74 12.05 0.00	206.05 13.18 -0.44	186.03 13.36 0.00	175.54 12.72 0.00	200.77 13.77 0.00	212.23 12.75 0.00	539.10 27.62 0.00	246.68 11.61 0.00	187.77 10.61 0.00	188.82 10.55 0.00	192.76 11.07 0.00	195.29 9.97 0.00	199.45 8.77 0.00
INGHAM_C_115KV_TB7 356103	159.95 4.79 0.00	163.03 4.90 0.00	176.16 5.64 0.00	179.68 5.40 0.00	188.68 5.82 0.00	169.49 6.82 0.00	205.04 9.30 0.00	279.43 10.14 0.00	223.94 8.28 0.00	199.98 7.27 0.00	236.97 7.07 0.00	221.51 6.82 0.00	199.59 7.17 0.00	180.43 7.76 0.00	170.21 7.39 0.00	194.82 7.82 0.00	205.02 5.54 0.00	527.19 15.71 0.00	241.38 6.31 0.00	183.10 5.94 0.00	184.58 6.31 0.00	190.07 8.38 0.00	193.19 7.88 0.00	197.18 6.50 0.00
IP CORINTH___1 23988	165.30 10.14 0.00	168.30 10.17 0.00	181.59 11.07 0.00	185.56 11.28 0.00	195.18 12.31 0.00	175.80 13.14 0.00	212.08 16.33 0.00	290.98 21.69 0.00	232.75 17.10 0.00	207.70 15.00 0.00	247.01 17.11 0.00	230.31 15.63 0.00	207.17 14.75 0.00	187.22 14.55 0.00	176.61 13.79 0.00	202.20 15.20 0.00	214.67 15.20 0.00	551.51 40.03 0.00	252.50 17.43 0.00	190.48 13.33 0.00	192.30 14.03 0.00	196.65 14.97 0.00	199.29 13.97 0.00	204.58 13.90 0.00

IP___TICONDEROGA 23804	171.36 16.20 0.00	174.65 16.53 0.00	188.39 17.86 0.00	192.01 17.73 0.00	202.15 19.28 0.00	184.83 22.17 0.00	223.12 27.38 0.00	304.84 35.56 0.00	242.26 26.60 0.00	214.60 21.90 0.00	256.31 26.41 0.00	238.68 24.00 0.00	214.10 21.67 0.00	194.94 22.27 0.00	184.87 22.05 0.00	210.51 23.51 0.00	223.27 23.79 0.00	577.11 65.63 0.00	263.35 28.29 0.00	197.88 20.72 0.00	201.38 23.12 0.00	206.61 24.92 0.00	208.69 23.37 0.00	215.00 24.32 0.00
ISLIP_RES_REC 323679	155.62 15.20 14.74	164.44 12.46 6.14	180.34 9.82 0.00	185.98 12.04 0.33	195.52 13.18 0.53	176.26 14.78 1.18	206.52 17.18 6.41	285.00 21.35 5.64	235.01 21.00 1.65	210.62 19.82 1.90	240.10 18.95 8.74	241.34 19.82 -6.83	214.97 20.27 -2.28	197.60 20.35 -4.58	192.11 19.36 -9.92	219.53 21.62 -10.91	230.65 20.61 -10.55	419.27 28.92 121.13	253.13 16.11 -1.96	208.56 17.38 -14.03	206.68 17.09 -11.33	199.51 18.00 0.18	187.96 17.27 14.63	193.87 14.37 11.17
JAMAICA__27_KV_LOAD 355505	165.69 10.53 0.00	167.76 9.63 0.00	179.15 8.63 0.00	182.93 8.65 0.00	192.44 9.58 0.00	173.56 10.90 0.00	209.28 13.54 0.00	286.46 17.17 0.00	230.66 15.00 0.00	208.01 15.31 0.00	243.90 14.00 0.00	229.54 14.85 0.00	209.17 16.39 -0.36	189.57 16.90 0.00	178.56 15.73 0.00	204.27 17.27 0.00	215.56 16.08 0.00	560.95 34.62 -14.86	250.37 15.31 0.00	190.85 13.69 0.00	191.81 13.54 0.00	195.81 14.13 0.00	198.55 13.23 0.00	202.52 11.85 0.00
JANIS___SOLAR 323808	162.99 7.83 0.00	166.69 8.56 0.00	179.19 8.67 0.00	182.60 8.33 0.00	191.48 8.61 0.00	172.37 9.71 0.00	208.81 13.07 0.00	286.92 17.64 0.00	229.36 13.70 0.00	204.70 12.00 0.00	243.62 13.72 0.00	226.96 12.27 0.00	201.44 9.01 0.00	180.90 7.94 -0.28	173.86 8.21 -2.84	198.80 10.72 -1.09	212.50 12.73 -0.28	548.98 37.50 0.00	252.35 17.28 0.00	189.26 12.10 0.00	192.37 11.59 -2.51	199.62 11.50 -6.44	195.74 10.42 0.00	202.04 11.36 0.00
JARVIS____ 23743	155.80 0.64 0.00	158.81 0.68 0.00	171.29 0.77 0.00	175.02 0.74 0.00	183.79 0.92 0.00	163.66 0.99 0.00	196.92 1.18 0.00	270.66 1.37 0.00	216.96 1.30 0.00	194.04 1.34 0.00	231.01 1.11 0.00	215.80 1.11 0.00	193.82 1.40 0.00	174.33 1.67 0.00	164.42 1.60 0.00	188.56 1.56 0.00	200.67 1.19 0.00	513.89 2.42 0.00	235.96 0.89 0.00	178.14 0.98 0.00	179.16 0.90 0.00	182.60 0.91 0.00	186.24 0.92 0.00	191.47 0.79 0.00
JENNISON___1 23625	161.23 6.07 0.00	165.75 7.63 0.00	178.38 7.85 0.00	181.99 7.71 0.00	190.24 7.37 0.00	172.05 9.39 0.00	208.18 12.44 0.00	284.83 15.54 0.00	228.62 12.97 0.00	205.71 13.00 0.00	245.10 15.20 0.00	229.36 14.68 0.00	204.10 11.67 0.00	183.47 10.80 0.00	173.91 11.09 0.00	200.34 13.34 0.00	214.54 15.06 0.00	552.83 41.35 0.00	253.64 18.58 0.00	189.60 12.44 0.00	189.50 11.23 0.00	193.43 11.75 0.00	196.29 10.97 0.00	202.28 11.60 0.00
JENNISON___2 23626	161.23 6.07 0.00	165.75 7.63 0.00	178.38 7.85 0.00	181.99 7.71 0.00	190.24 7.37 0.00	172.05 9.39 0.00	208.18 12.44 0.00	284.83 15.54 0.00	228.62 12.97 0.00	205.71 13.00 0.00	245.10 15.20 0.00	229.36 14.68 0.00	204.10 11.67 0.00	183.47 10.80 0.00	173.91 11.09 0.00	200.34 13.34 0.00	214.54 15.06 0.00	552.83 41.35 0.00	253.64 18.58 0.00	189.60 12.44 0.00	189.50 11.23 0.00	193.43 11.75 0.00	196.29 10.97 0.00	202.28 11.60 0.00
JERICHO_RISE_WT_PWR 323719	155.14 -0.02 0.00	156.81 -1.32 0.00	168.87 -1.65 0.00	172.79 -1.48 0.00	180.48 -2.39 0.00	160.44 -2.22 0.00	193.82 -1.92 0.00	268.83 -0.45 0.00	214.94 -0.72 0.00	191.16 -1.55 0.00	228.69 -1.21 0.00	212.75 -1.93 0.00	188.91 -3.51 0.00	168.11 -4.55 0.00	159.26 -3.55 0.00	184.11 -2.89 0.00	199.32 -0.16 0.00	516.35 4.87 0.00	237.87 2.81 0.00	177.49 0.34 0.00	178.55 0.28 0.00	181.33 -0.35 0.00	185.72 0.40 0.00	191.49 0.81 0.00
KATONAH___115KV_46KV_TB4 355592	165.59 10.43 0.00	167.92 9.79 0.00	180.08 9.55 0.00	184.03 9.76 0.00	193.71 10.85 0.00	174.21 11.55 0.00	209.87 14.13 0.00	287.52 18.23 0.00	231.30 15.64 0.00	208.02 15.32 0.00	245.30 15.40 0.00	230.23 15.55 0.00	208.83 16.19 -0.21	188.78 16.11 0.00	178.12 15.29 0.00	203.70 16.69 0.00	215.43 15.95 0.00	547.83 36.35 0.00	250.85 15.79 0.00	190.82 13.67 0.00	191.79 13.53 0.00	195.70 14.01 0.00	198.15 12.83 0.00	202.29 11.62 0.00
KCE_NY_1 323755	164.07 8.91 0.00	166.89 8.77 0.00	180.08 9.56 0.00	184.02 9.74 0.00	193.42 10.55 0.00	173.90 11.24 0.00	209.20 13.46 0.00	286.92 17.63 0.00	229.64 13.99 0.00	205.43 12.73 0.00	244.61 14.71 0.00	228.08 13.39 0.00	205.56 13.13 0.00	185.40 12.73 0.00	174.46 11.64 0.00	199.81 12.81 0.00	212.02 12.54 0.00	543.33 31.86 0.00	248.80 13.74 0.00	187.93 10.77 0.00	189.52 11.25 0.00	193.86 12.17 0.00	196.77 11.45 0.00	201.94 11.26 0.00
KCE_NY_6_ESR 323823	142.32 -12.84 0.00	146.41 -11.71 0.00	157.90 -12.63 0.00	161.32 -12.95 0.00	169.60 -13.26 0.00	152.77 -9.88 0.00	180.93 -14.81 0.00	250.99 -18.30 0.00	202.26 -13.39 0.00	179.64 -13.06 0.00	215.78 -14.12 0.00	200.88 -13.81 0.00	179.15 -13.27 0.00	157.72 -13.64 1.32	135.93 -13.67 13.21	165.46 -16.50 5.05	180.72 -17.43 1.32	477.65 -33.82 0.00	220.08 -14.99 0.00	162.91 -14.25 0.00	153.14 -13.61 11.52	136.04 -15.67 29.98	170.07 -15.25 0.00	178.46 -12.22 0.00
KEDC_PORT_JEFF_GT2 24210	153.16 13.87 15.87	162.57 11.04 6.60	178.55 8.04 0.00	183.99 10.07 0.35	193.40 11.11 0.58	174.27 12.88 1.27	203.04 14.18 6.89	280.36 17.23 6.15	231.06 17.89 2.49	207.18 17.23 2.75	236.31 15.93 9.52	237.60 16.91 -6.00	211.41 17.68 -1.30	194.49 18.05 -3.77	189.28 17.25 -9.21	216.26 19.09 -10.17	227.29 18.09 -9.72	412.46 24.54 123.55	250.19 13.88 -1.25	205.36 15.13 -13.08	203.69 14.87 -10.55	196.62 15.82 0.89	184.40 15.01 15.92	190.35 11.68 12.00
KEDC_PORT_JEFF_GT3 24211	153.16 13.87 15.87	162.57 11.04 6.60	178.55 8.04 0.00	183.99 10.07 0.35	193.40 11.11 0.58	174.27 12.88 1.27	203.04 14.18 6.89	280.36 17.23 6.15	231.06 17.89 2.49	207.18 17.23 2.75	236.31 15.93 9.52	237.60 16.91 -6.00	211.41 17.68 -1.30	194.49 18.05 -3.77	189.28 17.25 -9.21	216.26 19.09 -10.17	227.29 18.09 -9.72	412.46 24.54 123.55	250.19 13.88 -1.25	205.36 15.13 -13.08	203.69 14.87 -10.55	196.62 15.82 0.89	184.40 15.01 15.92	190.35 11.68 12.00
KEDC_GLWD_GT4 24219	198.85 11.96 -31.73	181.20 10.37 -12.70	179.88 9.35 -0.01	185.40 10.40 -0.73	195.40 11.35 -1.19	176.62 11.34 -2.62	222.52 13.52 -13.25	302.03 17.41 -15.34	265.75 17.14 -32.95	242.40 16.80 -32.90	269.68 16.75 -23.03	272.72 17.26 -40.78	252.84 18.07 -42.35	228.42 18.02 -37.73	218.91 17.10 -38.98	246.91 18.61 -41.30	261.20 17.08 -44.64	558.55 33.59 -13.48	283.53 15.58 -32.89	244.52 14.25 -53.11	236.56 15.07 -43.23	226.02 15.63 -28.70	238.11 14.33 -38.47	225.45 11.66 -23.10
KEDC_GLWD_GT5 24220	198.85 11.96 -31.73	181.20 10.37 -12.70	179.88 9.35 -0.01	185.40 10.40 -0.73	195.40 11.35 -1.19	176.62 11.34 -2.62	222.52 13.52 -13.25	302.03 17.41 -15.34	265.75 17.14 -32.95	242.40 16.80 -32.90	269.68 16.75 -23.03	272.72 17.26 -40.78	252.84 18.07 -42.35	228.42 18.02 -37.73	218.91 17.10 -38.98	246.91 18.61 -41.30	261.20 17.08 -44.64	558.55 33.59 -13.48	283.53 15.58 -32.89	244.52 14.25 -53.11	236.56 15.07 -43.23	226.02 15.63 -28.70	238.11 14.33 -38.47	225.45 11.66 -23.10

KENSICO____ 23655	164.31 9.15 0.00	166.48 8.35 0.00	178.44 7.92 0.00	182.29 8.01 0.00	191.83 8.97 0.00	172.55 9.89 0.00	207.68 11.94 0.00	284.38 15.10 0.00	228.81 13.15 0.00	205.95 13.25 0.00	242.65 12.75 0.00	228.04 13.35 0.00	207.26 14.45 -0.39	187.25 14.58 0.00	176.69 13.87 0.00	202.09 15.09 0.00	213.55 14.07 0.00	542.29 30.81 0.00	248.13 13.07 0.00	188.90 11.75 0.00	190.00 11.73 0.00	193.91 12.22 0.00	196.47 11.15 0.00	200.59 9.92 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	165.61 10.44 0.00	168.05 9.92 0.00	180.70 10.18 0.00	184.67 10.40 0.00	194.38 11.51 0.00	174.60 11.94 0.00	210.77 15.03 0.00	289.36 20.07 0.00	232.68 17.02 0.00	208.92 16.22 0.00	246.59 16.69 0.00	231.10 16.41 0.00	208.81 16.47 0.08	188.79 16.12 0.00	178.20 15.38 0.00	203.99 16.99 0.00	216.10 16.62 0.00	551.00 39.53 0.00	252.40 17.33 0.00	191.69 14.53 0.00	192.72 14.45 0.00	196.40 14.71 0.00	198.75 13.43 0.00	203.15 12.47 0.00
KIAC_JFK_GT1 23816	164.59 9.43 0.00	166.65 8.52 0.00	177.97 7.45 0.00	181.74 7.46 0.00	191.21 8.34 0.00	172.35 9.69 0.00	207.78 12.04 0.00	284.30 15.02 0.00	229.00 13.34 0.00	206.52 13.82 0.00	242.12 12.22 0.00	227.92 13.24 0.00	207.78 14.99 -0.36	188.23 15.56 0.00	177.34 14.53 0.00	202.85 15.85 0.00	214.05 14.58 0.00	556.68 30.35 -14.86	248.47 13.41 0.00	189.41 12.26 0.00	190.37 12.10 0.00	194.39 12.70 0.00	197.16 11.84 0.00	201.09 10.41 0.00
KIAC_JFK_GT2 23817	164.59 9.43 0.00	166.65 8.52 0.00	177.97 7.45 0.00	181.74 7.46 0.00	191.21 8.34 0.00	172.35 9.69 0.00	207.78 12.04 0.00	284.30 15.02 0.00	229.00 13.34 0.00	206.52 13.82 0.00	242.12 12.22 0.00	227.92 13.24 0.00	207.78 14.99 -0.36	188.23 15.56 0.00	177.34 14.53 0.00	202.85 15.85 0.00	214.05 14.58 0.00	556.68 30.35 -14.86	248.47 13.41 0.00	189.41 12.26 0.00	190.37 12.10 0.00	194.39 12.70 0.00	197.16 11.84 0.00	201.09 10.41 0.00
KIAC_JFK____ 323774	164.63 9.47 0.00	166.66 8.53 0.00	177.99 7.47 0.00	181.74 7.46 0.00	191.21 8.34 0.00	172.38 9.72 0.00	207.78 12.04 0.00	284.30 15.01 0.00	229.00 13.34 0.00	206.55 13.85 0.00	242.13 12.23 0.00	227.96 13.28 0.00	207.75 14.96 -0.36	188.24 15.57 0.00	177.34 14.52 0.00	202.85 15.85 0.00	214.05 14.58 0.00	557.15 30.81 -14.86	248.57 13.51 0.00	189.43 12.27 0.00	190.37 12.10 0.00	194.34 12.66 0.00	197.18 11.86 0.00	201.10 10.42 0.00
KINTIGH____ 23543	142.10 -13.06 0.00	145.88 -12.25 0.00	157.14 -13.38 0.00	160.48 -13.80 0.00	168.40 -14.47 0.00	151.37 -11.29 0.00	179.49 -16.25 0.00	248.56 -20.73 0.00	200.00 -15.66 0.00	177.80 -14.90 0.00	213.33 -16.56 0.00	198.54 -16.14 0.00	177.69 -14.73 0.00	157.50 -14.51 0.66	141.65 -14.58 6.59	167.15 -17.31 2.55	180.48 -18.33 0.67	472.31 -39.17 0.00	217.30 -17.76 0.00	161.68 -15.47 0.00	157.32 -15.21 5.74	149.41 -17.12 15.16	168.95 -16.36 0.00	176.86 -13.82 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	157.40 2.24 0.00	159.05 0.93 0.00	171.29 0.76 0.00	175.03 0.76 0.00	182.99 0.13 0.00	163.38 0.72 0.00	197.74 2.00 0.00	273.84 4.56 0.00	219.08 3.42 0.00	195.01 2.31 0.00	232.67 2.77 0.00	215.92 1.23 0.00	192.41 -0.01 0.00	171.35 -1.32 0.00	162.36 -0.46 0.00	187.55 0.55 0.00	202.82 3.34 0.00	526.37 14.89 0.00	242.30 7.24 0.00	181.24 4.09 0.00	182.51 4.24 0.00	184.97 3.28 0.00	188.86 3.54 0.00	194.70 4.02 0.00
LACHUTE__HYDRO 323717	171.36 16.20 0.00	174.65 16.53 0.00	188.39 17.87 0.00	192.01 17.73 0.00	202.14 19.27 0.00	184.83 22.17 0.00	223.12 27.37 0.00	304.84 35.56 0.00	242.25 26.60 0.00	214.60 21.90 0.00	256.30 26.40 0.00	238.68 23.99 0.00	214.09 21.67 0.00	194.94 22.27 0.00	184.87 22.05 0.00	210.49 23.49 0.00	223.26 23.79 0.00	577.11 65.63 0.00	263.34 28.27 0.00	197.87 20.72 0.00	201.38 23.11 0.00	206.61 24.92 0.00	208.71 23.39 0.00	215.00 24.32 0.00
LAWRNCV_115KV_TB1 80681	156.99 1.83 0.00	159.78 1.65 0.00	172.12 1.59 0.00	176.03 1.76 0.00	183.69 0.82 0.00	161.69 -0.97 0.00	193.39 -2.35 0.00	268.47 -0.82 0.00	213.48 -2.17 0.00	189.27 -3.43 0.00	229.55 -0.35 0.00	213.20 -1.48 0.00	189.48 -2.95 0.00	168.82 -3.85 0.00	159.39 -3.43 0.00	183.48 -3.52 0.00	198.70 -0.78 0.00	513.98 2.50 0.00	237.07 2.01 0.00	177.02 -0.14 0.00	177.94 -0.32 0.00	181.75 0.06 0.00	187.16 1.84 0.00	194.09 3.42 0.00
LEDERLE____ 23769	163.73 8.57 0.00	166.02 7.89 0.00	178.16 7.63 0.00	181.97 7.70 0.00	191.62 8.76 0.00	172.32 9.66 0.00	207.47 11.74 0.00	284.14 14.85 0.00	228.39 12.73 0.00	205.33 12.62 0.00	242.00 12.10 0.00	227.43 12.74 0.00	205.42 13.58 0.59	186.39 13.72 0.00	175.91 13.09 0.00	201.20 14.20 0.00	212.76 13.29 0.00	540.67 29.20 0.00	247.37 12.31 0.00	188.30 11.14 0.00	189.31 11.04 0.00	193.23 11.54 0.00	195.65 10.33 0.00	199.80 9.12 0.00
LIGHTHSE_115KV_TB6 355974	152.94 -2.22 0.00	155.49 -2.63 0.00	167.52 -3.00 0.00	171.08 -3.19 0.00	180.05 -2.82 0.00	161.34 -1.32 0.00	194.13 -1.61 0.00	267.59 -1.70 0.00	213.15 -2.51 0.00	190.33 -2.38 0.00	227.61 -2.29 0.00	211.98 -2.70 0.00	190.18 -2.25 0.00	171.90 -0.77 0.00	161.87 -0.95 0.00	186.41 -0.59 0.00	199.38 -0.09 0.00	512.32 0.84 0.00	235.68 0.62 0.00	177.55 0.39 0.00	178.29 0.02 0.00	179.58 -2.11 0.00	181.26 -4.06 0.00	188.15 -2.53 0.00
LINDEN COGEN____ 23786	163.97 8.81 0.00	166.04 7.91 0.00	177.73 7.21 0.00	181.55 7.27 0.00	191.10 8.24 0.00	172.07 9.41 0.00	207.09 11.35 0.00	264.69 13.74 18.33	210.79 12.26 17.12	172.30 12.75 33.15	231.11 11.81 10.60	227.72 13.04 0.00	201.57 14.59 5.44	187.62 14.95 0.00	169.48 14.11 7.45	202.49 15.49 0.00	213.89 14.41 0.00	542.63 31.15 0.00	248.26 13.20 0.00	189.12 11.96 0.00	190.11 11.84 0.00	194.03 12.35 0.00	196.62 11.30 0.00	200.57 9.89 0.00
LINDHRST_69_KV_BK1 356055	170.20 14.63 -0.41	170.49 12.36 0.00	180.81 10.29 0.00	186.70 12.31 -0.11	196.16 13.12 -0.17	177.62 14.58 -0.38	212.88 17.14 0.00	292.57 22.09 -1.20	245.92 20.64 -9.63	221.78 19.64 -9.44	250.57 19.05 -1.61	252.39 19.80 -17.90	228.04 20.28 -15.34	208.27 20.22 -15.38	201.45 19.24 -19.39	229.26 21.45 -20.81	241.92 20.78 -21.66	463.85 38.20 85.83	265.75 19.21 -11.48	221.80 17.88 -26.76	217.39 17.39 -21.72	208.96 18.05 -9.23	205.09 17.09 -2.68	205.40 14.73 0.00
LIPA_MISC_IPP 23656	153.19 14.41 16.38	163.31 11.99 6.81	179.94 9.42 0.00	185.51 11.60 0.37	194.70 12.43 0.60	175.71 14.36 1.32	205.37 16.74 7.10	283.26 20.36 6.38	232.81 20.02 2.87	208.22 18.65 3.13	237.26 17.23 9.86	238.18 17.86 -5.63	211.85 18.56 -0.87	195.05 18.97 -3.41	189.91 18.19 -8.90	217.10 20.26 -9.84	227.76 18.93 -9.35	413.82 27.00 124.66	250.35 14.36 -0.93	205.13 15.32 -12.65	203.98 15.51 -10.20	197.46 16.98 1.21	185.52 16.71 16.50	192.15 13.86 12.38
LISF__SOLAR 323691	153.95 14.97 16.18	163.72 12.32 6.73	180.27 9.75 0.00	185.86 11.95 0.36	195.41 13.14 0.59	176.09 14.73 1.30	205.92 17.20 7.02	284.05 21.06 6.29	233.49 20.55 2.72	208.88 19.16 2.99	238.07 17.90 9.73	238.91 18.45 -5.77	212.50 19.04 -1.03	195.67 19.45 -3.55	190.53 18.69 -9.02	217.77 20.80 -9.96	228.48 19.51 -9.49	414.98 27.74 124.24	251.19 15.07 -1.05	205.85 15.89 -12.81	204.64 16.03 -10.33	198.05 17.45 1.09	186.21 17.17 16.28	192.76 14.32 12.24

LITTLE FALLS___HYD 24013	159.95 4.79 0.00	163.03 4.90 0.00	176.16 5.64 0.00	179.68 5.40 0.00	188.68 5.82 0.00	169.49 6.82 0.00	205.04 9.30 0.00	279.43 10.14 0.00	223.94 8.28 0.00	199.98 7.27 0.00	236.97 7.07 0.00	221.51 6.82 0.00	199.59 7.17 0.00	180.43 7.76 0.00	170.21 7.39 0.00	194.82 7.82 0.00	205.02 5.54 0.00	527.19 15.71 0.00	241.38 6.31 0.00	183.10 5.94 0.00	184.58 6.31 0.00	190.07 8.38 0.00	193.19 7.88 0.00	197.18 6.50 0.00
LITTLRIV_115KV_TB1 356100	159.07 3.91 0.00	161.96 3.83 0.00	174.50 3.98 0.00	178.53 4.26 0.00	186.07 3.21 0.00	163.68 1.02 0.00	195.95 0.20 0.00	272.32 3.04 0.00	216.26 0.60 0.00	190.81 -1.89 0.00	231.15 1.25 0.00	214.49 -0.20 0.00	190.69 -1.73 0.00	169.52 -3.15 0.00	159.85 -2.97 0.00	184.20 -2.80 0.00	200.72 1.24 0.00	520.60 9.12 0.00	240.34 5.28 0.00	179.28 2.13 0.00	180.11 1.85 0.00	183.90 2.21 0.00	189.60 4.28 0.00	196.72 6.04 0.00
LI_NEWBRDGE___DRP 323616	140.31 12.04 26.89	156.86 9.80 11.07	178.54 8.02 0.01	183.57 9.90 0.61	192.39 10.51 1.00	172.60 12.14 2.20	198.35 14.16 11.54	275.97 17.81 11.13	221.63 16.67 10.69	197.90 16.20 11.00	228.22 15.38 17.05	228.84 16.20 2.04	201.35 17.12 8.19	185.82 17.23 4.09	181.46 16.31 -2.33	207.91 17.94 -2.97	218.22 17.11 -1.65	392.67 31.11 149.92	244.88 15.46 5.64	195.62 14.66 -3.81	195.63 14.37 -2.99	188.99 15.04 7.74	170.94 14.13 28.51	182.65 12.10 20.13
LOCKPORT_115KV_TB60_63_64 80432	139.19 -15.97 0.00	143.21 -14.92 0.00	154.21 -16.31 0.00	157.46 -16.82 0.00	165.53 -17.33 0.00	149.08 -13.58 0.00	175.68 -20.06 0.00	243.99 -25.29 0.00	196.80 -18.86 0.00	174.87 -17.84 0.00	210.11 -19.79 0.00	195.36 -19.33 0.00	174.68 -17.75 0.00	154.12 -17.72 0.83	136.73 -17.80 8.30	162.83 -21.20 2.97	176.09 -22.65 0.73	464.32 -47.15 0.00	213.71 -21.36 -0.01	158.43 -18.73 -0.01	152.51 -18.54 7.22	143.36 -21.10 17.23	165.15 -20.16 0.00	173.82 -16.85 0.00
LOCKPORT___CC1 323769	138.44 -16.72 0.00	142.49 -15.64 0.00	153.49 -17.03 0.00	156.70 -17.57 0.00	164.75 -18.12 0.00	148.32 -14.33 0.00	174.80 -20.94 0.00	242.54 -26.74 0.00	195.74 -19.91 0.00	173.89 -18.81 0.00	209.00 -20.90 0.00	194.36 -20.33 0.00	173.83 -18.60 0.00	152.70 -18.54 1.43	129.74 -18.59 14.50	158.53 -22.09 6.38	173.98 -23.63 1.87	461.65 -49.83 0.00	212.49 -22.53 0.04	157.49 -19.61 0.05	146.35 -19.22 12.69	120.47 -21.54 39.68	164.43 -20.89 0.00	172.87 -17.80 0.00
LOCKPORT___CC2 323770	138.44 -16.72 0.00	142.49 -15.64 0.00	153.49 -17.03 0.00	156.70 -17.57 0.00	164.75 -18.12 0.00	148.32 -14.33 0.00	174.80 -20.94 0.00	242.54 -26.74 0.00	195.74 -19.91 0.00	173.89 -18.81 0.00	209.00 -20.90 0.00	194.36 -20.33 0.00	173.83 -18.60 0.00	152.70 -18.54 1.43	129.74 -18.59 14.50	158.53 -22.09 6.38	173.98 -23.63 1.87	461.65 -49.83 0.00	212.49 -22.53 0.04	157.49 -19.61 0.05	146.35 -19.22 12.69	120.47 -21.54 39.68	164.43 -20.89 0.00	172.87 -17.80 0.00
LOCKPORT___CC3 323771	138.44 -16.72 0.00	142.49 -15.64 0.00	153.49 -17.03 0.00	156.70 -17.57 0.00	164.75 -18.12 0.00	148.32 -14.33 0.00	174.80 -20.94 0.00	242.54 -26.74 0.00	195.74 -19.91 0.00	173.89 -18.81 0.00	209.00 -20.90 0.00	194.36 -20.33 0.00	173.83 -18.60 0.00	152.70 -18.54 1.43	129.74 -18.59 14.50	158.53 -22.09 6.38	173.98 -23.63 1.87	461.65 -49.83 0.00	212.49 -22.53 0.04	157.49 -19.61 0.05	146.35 -19.22 12.69	120.47 -21.54 39.68	164.43 -20.89 0.00	172.87 -17.80 0.00
LONG_LAKE_PHOENIX 24014	151.32 -3.84 0.00	154.30 -3.83 0.00	166.43 -4.09 0.00	170.05 -4.23 0.00	178.45 -4.42 0.00	159.27 -3.39 0.00	191.71 -4.03 0.00	263.05 -6.23 0.00	211.05 -4.61 0.00	188.78 -3.92 0.00	224.22 -5.68 0.00	209.39 -5.30 0.00	188.21 -4.22 0.00	168.94 -3.73 0.00	158.91 -3.91 0.00	182.50 -4.50 0.00	194.85 -4.63 0.00	499.82 -11.65 0.00	229.96 -5.10 0.00	173.76 -3.39 0.00	174.82 -3.45 0.00	177.82 -3.86 0.00	180.86 -4.46 0.00	186.37 -4.31 0.00
LOVETT___3 23632	162.94 7.78 0.00	165.20 7.07 0.00	177.19 6.67 0.00	181.01 6.74 0.00	190.62 7.75 0.00	171.40 8.74 0.00	206.25 10.51 0.00	282.29 13.01 0.00	226.88 11.23 0.00	204.04 11.34 0.00	240.39 10.49 0.00	225.95 11.26 0.00	204.18 12.36 0.61	185.28 12.61 0.00	174.84 12.02 0.00	199.94 12.94 0.00	211.46 11.98 0.00	537.13 25.65 0.00	245.74 10.67 0.00	187.06 9.90 0.00	188.12 9.85 0.00	192.04 10.35 0.00	194.51 9.18 0.00	198.67 8.00 0.00
LOVETT___4 23642	162.94 7.78 0.00	165.20 7.07 0.00	177.19 6.67 0.00	181.01 6.74 0.00	190.62 7.75 0.00	171.40 8.74 0.00	206.25 10.51 0.00	282.29 13.01 0.00	226.88 11.23 0.00	204.04 11.34 0.00	240.39 10.49 0.00	225.95 11.26 0.00	204.18 12.36 0.61	185.28 12.61 0.00	174.84 12.02 0.00	199.94 12.94 0.00	211.46 11.98 0.00	537.13 25.65 0.00	245.74 10.67 0.00	187.06 9.90 0.00	188.12 9.85 0.00	192.04 10.35 0.00	194.51 9.18 0.00	198.67 8.00 0.00
LOVETT___5 23593	162.94 7.78 0.00	165.20 7.07 0.00	177.19 6.67 0.00	181.01 6.74 0.00	190.62 7.75 0.00	171.40 8.74 0.00	206.25 10.51 0.00	282.29 13.01 0.00	226.88 11.23 0.00	204.04 11.34 0.00	240.39 10.49 0.00	225.95 11.26 0.00	204.18 12.36 0.61	185.28 12.61 0.00	174.84 12.02 0.00	199.94 12.94 0.00	211.46 11.98 0.00	537.13 25.65 0.00	245.74 10.67 0.00	187.06 9.90 0.00	188.12 9.85 0.00	192.04 10.35 0.00	194.51 9.18 0.00	198.67 8.00 0.00
LOWER RAQUET___HYD 24057	156.96 1.80 0.00	159.70 1.58 0.00	172.01 1.49 0.00	175.99 1.72 0.00	183.42 0.55 0.00	161.31 -1.35 0.00	192.62 -3.12 0.00	267.58 -1.71 0.00	212.61 -3.05 0.00	188.47 -4.23 0.00	228.92 -0.98 0.00	212.50 -2.19 0.00	188.86 -3.56 0.00	168.32 -4.35 0.00	158.87 -3.95 0.00	182.76 -4.24 0.00	198.11 -1.37 0.00	512.79 1.31 0.00	236.57 1.51 0.00	176.57 -0.59 0.00	177.51 -0.76 0.00	181.41 -0.28 0.00	186.94 1.62 0.00	194.07 3.40 0.00
LOWER___HUDSON 24059	161.51 6.35 0.00	164.41 6.28 0.00	177.38 6.86 0.00	181.20 6.93 0.00	190.33 7.46 0.00	170.57 7.91 0.00	205.01 9.26 0.00	280.68 11.39 0.00	225.32 9.66 0.00	201.77 9.06 0.00	239.76 9.86 0.00	223.62 8.93 0.00	201.93 9.50 0.00	182.18 9.51 0.00	171.60 8.78 0.00	196.11 9.10 0.00	207.50 8.03 0.00	530.45 18.97 0.00	242.71 7.65 0.00	183.56 6.40 0.00	185.14 6.87 0.00	189.80 8.11 0.00	192.96 7.64 0.00	198.07 7.40 0.00
LOWVILLE_115KV_TB2 356335	155.83 0.67 0.00	158.22 0.10 0.00	170.87 0.35 0.00	175.33 1.05 0.00	183.85 0.98 0.00	164.82 2.16 0.00	198.72 2.98 0.00	275.97 6.68 0.00	217.66 2.00 0.00	194.47 1.77 0.00	235.56 5.66 0.00	217.68 3.00 0.00	195.45 3.03 0.00	177.10 4.43 0.00	167.53 4.71 0.00	194.70 7.70 0.00	209.56 10.09 0.00	539.62 28.15 0.00	248.17 13.11 0.00	186.40 9.24 0.00	186.55 8.28 0.00	184.02 2.33 0.00	184.76 -0.55 0.00	193.29 2.62 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	163.96 8.79 0.00	166.89 8.77 0.00	180.09 9.56 0.00	183.99 9.72 0.00	193.39 10.52 0.00	173.59 10.93 0.00	208.99 13.25 0.00	286.67 17.38 0.00	229.57 13.91 0.00	205.25 12.55 0.00	244.11 14.21 0.00	227.66 12.97 0.00	205.20 12.78 0.00	185.06 12.39 0.00	174.34 11.52 0.00	199.66 12.66 0.00	211.83 12.35 0.00	542.81 31.33 0.00	248.57 13.51 0.00	187.75 10.59 0.00	189.33 11.06 0.00	193.68 12.00 0.00	196.61 11.29 0.00	201.80 11.13 0.00

LUTHERNY_35_KV_BK2 355980	164.06 8.90 0.00	166.89 8.76 0.00	180.09 9.57 0.00	184.01 9.73 0.00	193.42 10.56 0.00	173.90 11.24 0.00	209.21 13.47 0.00	286.92 17.63 0.00	229.64 13.98 0.00	205.43 12.73 0.00	244.61 14.71 0.00	228.05 13.37 0.00	205.55 13.13 0.00	185.40 12.73 0.00	174.44 11.62 0.00	199.83 12.83 0.00	212.01 12.54 0.00	543.32 31.84 0.00	248.81 13.74 0.00	187.93 10.77 0.00	189.51 11.24 0.00	193.85 12.17 0.00	196.79 11.47 0.00	201.94 11.27 0.00
LWR___OSWEGATCHIE_HYD 23850	156.27 1.11 0.00	158.75 0.63 0.00	171.12 0.59 0.00	175.18 0.90 0.00	183.28 0.41 0.00	162.71 0.05 0.00	194.98 -0.76 0.00	270.74 1.45 0.00	214.24 -1.41 0.00	190.63 -2.07 0.00	231.26 1.36 0.00	214.30 -0.38 0.00	191.40 -1.03 0.00	172.17 -0.49 0.00	162.62 -0.20 0.00	187.95 0.95 0.00	203.02 3.54 0.00	524.09 12.61 0.00	241.37 6.30 0.00	180.73 3.57 0.00	181.25 2.98 0.00	182.24 0.55 0.00	185.37 0.05 0.00	193.28 2.60 0.00
LYONS_FALL_HYD 23570	157.43 2.27 0.00	160.12 2.00 0.00	172.79 2.27 0.00	177.05 2.78 0.00	185.78 2.92 0.00	166.39 3.73 0.00	200.63 4.90 0.00	277.76 8.48 0.00	220.41 4.75 0.00	196.83 4.13 0.00	236.67 6.77 0.00	219.29 4.61 0.00	196.84 4.42 0.00	177.84 5.17 0.00	167.99 5.17 0.00	194.47 7.47 0.00	208.73 9.25 0.00	537.03 25.55 0.00	246.89 11.83 0.00	185.60 8.45 0.00	186.12 7.85 0.00	185.73 4.04 0.00	187.47 2.15 0.00	194.78 4.11 0.00
MADISON___COUNTY_LFGE 323628	159.57 4.41 0.00	162.92 4.79 0.00	175.65 5.13 0.00	179.63 5.36 0.00	188.61 5.74 0.00	168.75 6.09 0.00	203.66 7.92 0.00	280.69 11.41 0.00	224.65 9.00 0.00	200.20 7.50 0.00	237.86 7.96 0.00	221.21 6.53 0.00	198.12 5.69 0.00	178.25 5.59 0.00	168.04 5.22 0.00	193.54 6.54 0.00	207.36 7.88 0.00	533.37 21.90 0.00	244.92 9.86 0.00	184.30 7.14 0.00	185.37 7.10 0.00	187.85 6.17 0.00	190.85 5.53 0.00	196.57 5.90 0.00
MALONE___115KV_TB1 356076	158.84 3.68 0.00	160.79 2.66 0.00	173.19 2.67 0.00	177.15 2.87 0.00	185.01 2.14 0.00	164.30 1.64 0.00	198.20 2.46 0.00	275.27 5.98 0.00	219.92 4.27 0.00	195.35 2.65 0.00	234.32 4.42 0.00	217.63 2.95 0.00	193.31 0.88 0.00	172.14 -0.53 0.00	162.95 0.13 0.00	188.21 1.22 0.00	204.03 4.55 0.00	529.17 17.70 0.00	243.86 8.80 0.00	181.93 4.78 0.00	183.29 5.02 0.00	185.85 4.16 0.00	190.53 5.21 0.00	196.55 5.88 0.00
MAPLEWOD_115KV_TB3 80458	161.16 6.00 0.00	164.10 5.98 0.00	177.10 6.58 0.00	180.85 6.58 0.00	189.98 7.11 0.00	170.01 7.34 0.00	204.45 8.71 0.00	279.94 10.65 0.00	225.40 9.75 0.00	202.12 9.42 0.00	239.35 9.45 0.00	223.44 8.75 0.00	201.71 9.28 0.00	181.82 9.15 0.00	170.95 8.13 0.00	195.49 8.49 0.00	206.59 7.12 0.00	527.76 16.28 0.00	241.50 6.44 0.00	182.75 5.59 0.00	184.08 5.81 0.00	188.74 7.05 0.00	192.62 7.30 0.00	197.48 6.80 0.00
MAPLE_RIDGE_WT_1 323574	153.27 -1.90 0.00	156.57 -1.55 0.00	168.13 -2.39 0.00	171.98 -2.29 0.00	180.94 -1.93 0.00	160.47 -2.19 0.00	193.22 -2.52 0.00	266.32 -2.97 0.00	213.21 -2.44 0.00	190.21 -2.49 0.00	226.84 -3.06 0.00	210.98 -3.71 0.00	189.46 -2.97 0.00	170.33 -2.34 0.00	161.63 -1.19 0.00	186.45 -0.55 0.00	199.39 -0.09 0.00	512.20 0.72 0.00	235.53 0.47 0.00	177.06 -0.10 0.00	176.89 -1.38 0.00	178.86 -2.83 0.00	182.74 -2.58 0.00	188.82 -1.85 0.00
MAPLE_RIDGE_WT_2 323611	153.27 -1.90 0.00	156.57 -1.55 0.00	168.13 -2.39 0.00	171.98 -2.29 0.00	180.94 -1.93 0.00	160.47 -2.19 0.00	193.22 -2.52 0.00	266.32 -2.97 0.00	213.21 -2.44 0.00	190.21 -2.49 0.00	226.84 -3.06 0.00	210.98 -3.71 0.00	189.46 -2.97 0.00	170.33 -2.34 0.00	161.63 -1.19 0.00	186.45 -0.55 0.00	199.39 -0.09 0.00	512.20 0.72 0.00	235.53 0.47 0.00	177.06 -0.10 0.00	176.89 -1.38 0.00	178.86 -2.83 0.00	182.74 -2.58 0.00	188.82 -1.85 0.00
MARBLE_RIVER_WT_PWR 323696	155.19 0.03 0.00	156.81 -1.32 0.00	168.87 -1.65 0.00	172.78 -1.50 0.00	180.48 -2.39 0.00	160.55 -2.11 0.00	194.04 -1.70 0.00	268.77 -0.51 0.00	215.07 -0.59 0.00	191.39 -1.31 0.00	228.83 -1.07 0.00	212.79 -1.89 0.00	189.20 -3.22 0.00	168.48 -4.19 0.00	159.57 -3.25 0.00	184.38 -2.62 0.00	199.37 -0.11 0.00	516.48 5.00 0.00	237.82 2.76 0.00	177.61 0.45 0.00	178.70 0.43 0.00	181.59 -0.10 0.00	185.71 0.39 0.00	191.58 0.91 0.00
MARSHVLE_115KV_TB1 80742	164.00 8.85 0.00	167.16 9.04 0.00	180.68 10.16 0.00	184.75 10.47 0.00	194.17 11.30 0.00	173.07 10.41 0.00	208.89 13.15 0.00	288.79 19.51 0.00	228.78 13.12 0.00	202.22 9.51 0.00	241.60 11.71 0.00	225.41 10.73 0.00	201.58 9.15 0.00	180.64 7.97 0.00	170.94 8.12 0.00	197.62 10.62 0.00	212.92 13.44 0.00	550.48 39.00 0.00	253.44 18.38 0.00	190.75 13.59 0.00	191.52 13.25 0.00	194.40 12.71 0.00	197.58 12.26 0.00	203.58 12.90 0.00
MARSH_HILL_WT_PWR 323713	143.05 -12.11 0.00	148.05 -10.08 0.00	160.82 -9.70 0.00	165.20 -9.08 0.00	173.88 -8.98 0.00	156.79 -5.86 0.00	187.35 -8.39 0.00	260.42 -8.87 0.00	209.42 -6.24 0.00	185.87 -6.84 0.00	221.72 -8.18 0.00	205.65 -9.04 0.00	182.38 -10.05 0.00	167.22 -9.66 -4.21	195.04 -10.07 -42.29	193.03 -10.13 -16.17	192.82 -10.88 -4.23	495.43 -16.04 0.00	229.35 -5.71 0.00	170.57 -6.59 0.00	209.12 -6.14 -37.00	270.21 -7.41 -95.94	177.30 -8.02 0.00	184.54 -6.14 0.00
MCINTYRE_115KV_TB2 80467	160.18 5.02 0.00	163.15 5.03 0.00	175.79 5.27 0.00	179.90 5.62 0.00	187.75 4.88 0.00	165.49 2.82 0.00	198.67 2.93 0.00	276.11 6.82 0.00	219.29 3.64 0.00	192.57 -0.13 0.00	232.69 2.80 0.00	215.81 1.13 0.00	192.02 -0.40 0.00	170.25 -2.42 0.00	160.56 -2.27 0.00	185.26 -1.74 0.00	202.76 3.28 0.00	526.89 15.41 0.00	243.22 8.16 0.00	181.32 4.17 0.00	182.18 3.91 0.00	185.79 4.10 0.00	191.30 5.98 0.00	198.07 7.40 0.00
MECO_____69_KV_BK1 80468	166.68 11.52 0.00	169.76 11.63 0.00	183.38 12.86 0.00	187.48 13.20 0.00	197.09 14.23 0.00	176.28 13.62 0.00	212.91 17.17 0.00	294.10 24.81 0.00	233.78 18.13 0.00	207.38 14.69 0.00	246.55 16.66 0.00	229.91 15.22 0.00	205.99 13.56 0.00	184.66 11.98 0.00	174.41 11.59 0.00	201.45 14.45 0.00	216.92 17.44 0.00	560.38 48.90 0.00	257.63 22.56 0.00	194.15 17.00 0.00	195.07 16.80 0.00	198.02 16.33 0.00	200.93 15.61 0.00	206.49 15.82 0.00
MENANDS___115KV_TB5 355628	160.40 5.24 0.00	163.29 5.17 0.00	176.28 5.76 0.00	180.00 5.72 0.00	189.08 6.21 0.00	169.19 6.53 0.00	203.29 7.55 0.00	278.15 8.86 0.00	224.11 8.45 0.00	201.07 8.37 0.00	237.97 8.07 0.00	222.18 7.50 0.00	200.68 8.26 0.00	180.90 8.23 0.00	169.99 7.17 0.00	194.32 7.32 0.00	205.09 5.62 0.00	523.43 11.95 0.00	239.38 4.32 0.00	181.26 4.11 0.00	182.60 4.34 0.00	187.36 5.68 0.00	191.47 6.15 0.00	196.31 5.64 0.00
MG INDUSTRY___DRP 24185	160.09 4.93 0.00	163.15 5.02 0.00	176.35 5.83 0.00	180.13 5.85 0.00	189.19 6.33 0.00	168.87 6.21 0.00	202.99 7.25 0.00	277.85 8.57 0.00	223.42 7.77 0.00	200.21 7.51 0.00	237.08 7.18 0.00	221.29 6.61 0.00	199.57 7.15 0.00	179.76 7.09 0.00	169.07 6.25 0.00	193.57 6.57 0.00	204.84 5.37 0.00	523.35 11.87 0.00	239.62 4.56 0.00	181.39 4.23 0.00	182.60 4.34 0.00	187.07 5.39 0.00	191.08 5.76 0.00	196.14 5.46 0.00

MID___OSWEGATCHIE_HYD 23849	156.27 1.11 0.00	158.75 0.63 0.00	171.12 0.59 0.00	175.18 0.90 0.00	183.28 0.41 0.00	162.71 0.05 0.00	194.98 -0.76 0.00	270.74 1.45 0.00	214.24 -1.41 0.00	190.63 -2.07 0.00	231.26 1.36 0.00	214.30 -0.38 0.00	191.40 -1.03 0.00	172.17 -0.49 0.00	162.62 -0.20 0.00	187.95 0.95 0.00	203.02 3.54 0.00	524.09 12.61 0.00	241.37 6.30 0.00	180.73 3.57 0.00	181.25 2.98 0.00	182.24 0.55 0.00	185.37 0.05 0.00	193.28 2.60 0.00
MID___RAQUETTE_HYD 23851	156.95 1.79 0.00	159.70 1.58 0.00	172.02 1.49 0.00	175.99 1.72 0.00	183.42 0.55 0.00	161.31 -1.35 0.00	192.63 -3.11 0.00	267.57 -1.72 0.00	212.61 -3.05 0.00	188.47 -4.23 0.00	228.92 -0.98 0.00	212.49 -2.19 0.00	188.87 -3.56 0.00	168.32 -4.35 0.00	158.87 -3.95 0.00	182.77 -4.24 0.00	198.11 -1.37 0.00	512.78 1.30 0.00	236.56 1.50 0.00	176.56 -0.59 0.00	177.50 -0.77 0.00	181.43 -0.25 0.00	186.94 1.62 0.00	194.08 3.40 0.00
MILLIKEN___1 23584	157.33 2.17 0.00	160.69 2.56 0.00	173.18 2.66 0.00	176.86 2.59 0.00	185.66 2.79 0.00	166.27 3.61 0.00	200.71 4.97 0.00	276.09 6.81 0.00	221.29 5.63 0.00	197.57 4.87 0.00	234.54 4.64 0.00	218.33 3.64 0.00	195.31 2.88 0.00	175.83 2.85 -0.30	168.35 2.46 -3.07	191.51 3.34 -1.17	203.46 3.67 -0.31	523.47 11.99 0.00	241.04 5.98 0.00	181.52 4.37 0.00	185.21 4.22 -2.72	192.44 3.79 -6.96	188.47 3.15 0.00	194.53 3.85 0.00
MILLIKEN___2 23585	157.33 2.17 0.00	160.69 2.56 0.00	173.18 2.66 0.00	176.86 2.59 0.00	185.66 2.79 0.00	166.27 3.61 0.00	200.71 4.97 0.00	276.09 6.81 0.00	221.29 5.63 0.00	197.57 4.87 0.00	234.54 4.64 0.00	218.33 3.64 0.00	195.31 2.88 0.00	175.83 2.85 -0.30	168.35 2.46 -3.07	191.51 3.34 -1.17	203.46 3.67 -0.31	523.47 11.99 0.00	241.04 5.98 0.00	181.52 4.37 0.00	185.21 4.22 -2.72	192.44 3.79 -6.96	188.47 3.15 0.00	194.53 3.85 0.00
MILLIKEN___DIESEL 23629	157.33 2.17 0.00	160.69 2.56 0.00	173.18 2.66 0.00	176.86 2.59 0.00	185.66 2.79 0.00	166.27 3.61 0.00	200.71 4.97 0.00	276.09 6.81 0.00	221.29 5.63 0.00	197.57 4.87 0.00	234.54 4.64 0.00	218.33 3.64 0.00	195.31 2.88 0.00	175.83 2.85 -0.30	168.35 2.46 -3.07	191.51 3.34 -1.17	203.46 3.67 -0.31	523.47 11.99 0.00	241.04 5.98 0.00	181.52 4.37 0.00	185.21 4.22 -2.72	192.44 3.79 -6.96	188.47 3.15 0.00	194.53 3.85 0.00
MILLSEAT___LFGE 323607	144.08 -11.08 0.00	148.14 -9.99 0.00	159.47 -11.05 0.00	162.82 -11.46 0.00	171.46 -11.41 0.00	154.44 -8.22 0.00	183.12 -12.62 0.00	254.31 -14.97 0.00	204.89 -10.76 0.00	181.69 -11.01 0.00	217.43 -12.47 0.00	201.98 -12.71 0.00	180.79 -11.64 0.00	160.26 -11.72 0.69	143.99 -11.92 6.90	170.32 -14.20 2.47	183.79 -15.07 0.61	484.46 -27.02 0.00	222.94 -12.13 -0.01	165.45 -11.72 -0.01	160.71 -11.55 6.00	153.60 -13.74 14.34	172.01 -13.31 0.00	180.14 -10.53 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	163.94 8.78 0.00	166.13 8.01 0.00	178.17 7.65 0.00	181.99 7.71 0.00	191.52 8.65 0.00	172.20 9.54 0.00	207.29 11.55 0.00	283.79 14.51 0.00	228.27 12.62 0.00	205.41 12.70 0.00	242.10 12.20 0.00	227.44 12.76 0.00	206.67 13.84 -0.41	186.69 14.02 0.00	176.12 13.30 0.00	201.43 14.43 0.00	212.92 13.44 0.00	540.79 29.31 0.00	247.48 12.42 0.00	188.37 11.21 0.00	189.43 11.16 0.00	193.40 11.71 0.00	195.91 10.59 0.00	200.10 9.43 0.00
MILLWOOD_13_KV_LOAD 356217	164.20 9.04 0.00	166.39 8.26 0.00	178.41 7.89 0.00	182.25 7.97 0.00	191.83 8.97 0.00	172.50 9.84 0.00	207.65 11.91 0.00	284.38 15.10 0.00	228.74 13.09 0.00	205.81 13.11 0.00	242.56 12.66 0.00	227.89 13.20 0.00	207.08 14.25 -0.41	187.06 14.40 0.00	176.44 13.62 0.00	201.84 14.84 0.00	213.39 13.92 0.00	542.09 30.61 0.00	247.99 12.93 0.00	188.77 11.61 0.00	189.83 11.56 0.00	193.78 12.09 0.00	196.28 10.96 0.00	200.40 9.72 0.00
MODEL_CITY_ENERGY 24167	137.78 -17.38 0.00	141.84 -16.29 0.00	152.71 -17.82 0.00	155.89 -18.38 0.00	163.89 -18.98 0.00	147.59 -15.07 0.00	173.70 -22.04 0.00	241.00 -28.28 0.00	194.59 -21.07 0.00	172.91 -19.79 0.00	207.89 -22.01 0.00	193.19 -21.49 0.00	172.90 -19.53 0.00	152.26 -19.48 0.93	134.03 -19.50 9.29	160.44 -23.12 3.44	173.81 -24.79 0.88	458.52 -52.95 0.00	211.11 -23.95 0.00	156.48 -20.68 -0.01	149.83 -20.35 8.09	138.71 -22.80 20.18	163.30 -22.02 0.00	172.02 -18.65 0.00
MODERN_LFGE___ 323580	137.78 -17.38 0.00	141.84 -16.29 0.00	152.71 -17.82 0.00	155.89 -18.38 0.00	163.89 -18.98 0.00	147.59 -15.07 0.00	173.70 -22.04 0.00	241.00 -28.28 0.00	194.59 -21.07 0.00	172.91 -19.79 0.00	207.89 -22.01 0.00	193.19 -21.49 0.00	172.90 -19.53 0.00	152.26 -19.48 0.93	134.03 -19.50 9.29	160.44 -23.12 3.44	173.81 -24.79 0.88	458.52 -52.95 0.00	211.11 -23.95 0.00	156.48 -20.68 -0.01	149.83 -20.35 8.09	138.71 -22.80 20.18	163.30 -22.02 0.00	172.02 -18.65 0.00
MOHAWK_PAPER___DRP 24187	161.16 6.00 0.00	164.10 5.98 0.00	177.10 6.58 0.00	180.85 6.58 0.00	189.98 7.11 0.00	170.01 7.34 0.00	204.45 8.71 0.00	279.94 10.65 0.00	225.40 9.75 0.00	202.12 9.42 0.00	239.35 9.45 0.00	223.44 8.75 0.00	201.71 9.28 0.00	181.82 9.15 0.00	170.95 8.13 0.00	195.49 8.49 0.00	206.59 7.12 0.00	527.76 16.28 0.00	241.50 6.44 0.00	182.75 5.59 0.00	184.08 5.81 0.00	188.74 7.05 0.00	192.62 7.30 0.00	197.48 6.80 0.00
MOHICAN___35_KV_115KV_LD 80490	165.99 10.82 0.00	168.97 10.85 0.00	182.36 11.84 0.00	186.26 11.98 0.00	195.89 13.02 0.00	176.70 14.04 0.00	213.09 17.35 0.00	292.21 22.93 0.00	233.69 18.03 0.00	208.45 15.75 0.00	247.93 18.03 0.00	231.08 16.40 0.00	207.89 15.47 0.00	187.99 15.32 0.00	177.32 14.50 0.00	202.99 15.99 0.00	215.46 15.98 0.00	553.55 42.08 0.00	253.40 18.33 0.00	191.07 13.91 0.00	193.09 14.82 0.00	197.55 15.86 0.00	200.24 14.92 0.00	205.48 14.80 0.00
MONGAUP___HYD 23641	162.33 7.18 0.00	165.96 7.83 0.00	178.64 8.12 0.00	182.57 8.29 0.00	191.80 8.93 0.00	170.61 7.96 0.00	205.75 10.01 0.00	282.81 13.52 0.00	226.86 11.20 0.00	203.77 11.06 0.00	240.50 10.60 0.00	225.25 10.57 0.00	203.05 10.99 0.37	183.78 11.12 0.00	173.40 10.58 0.00	198.78 11.78 0.00	210.75 11.28 0.00	538.12 26.64 0.00	246.63 11.57 0.00	187.24 10.08 0.00	188.24 9.97 0.00	191.96 10.27 0.00	194.47 9.15 0.00	198.89 8.21 0.00
MONTAUK___DIESEL 23721	157.86 19.01 16.31	169.22 17.87 6.78	186.27 15.75 0.00	192.02 18.11 0.37	201.88 19.60 0.59	182.40 21.05 1.31	213.47 24.81 7.07	290.55 27.62 6.35	240.84 28.00 2.82	216.52 26.90 3.08	246.62 26.54 9.82	243.91 23.54 -5.69	217.98 24.63 -0.93	201.84 25.71 -3.46	196.60 24.83 -8.94	224.69 27.81 -9.88	233.01 24.13 -9.40	425.41 38.44 124.51	256.33 20.29 -0.97	210.33 20.47 -12.70	211.46 22.94 -10.25	205.09 24.57 1.16	193.16 24.26 16.42	199.63 21.29 12.33
MOONROAD_115KV_HARTFLD_TB1-2 355988	141.36 -13.80 0.00	146.04 -12.08 0.00	157.86 -12.66 0.00	161.70 -12.58 0.00	170.68 -12.18 0.00	154.20 -8.46 0.00	184.37 -11.37 0.00	257.36 -11.92 0.00	206.48 -9.18 0.00	181.76 -10.94 0.00	217.19 -12.71 0.00	202.10 -12.58 0.00	178.68 -13.74 0.00	158.40 -13.27 0.99	140.60 -12.23 9.99	168.63 -14.55 3.82	184.20 -14.27 1.00	485.14 -26.34 0.00	223.57 -11.49 0.00	164.50 -12.66 0.00	156.12 -13.44 8.71	143.90 -15.12 22.67	172.24 -13.08 0.00	181.04 -9.64 0.00

MORRIS RIDGE___SOLAR 323848	143.69 -11.47 0.00	147.99 -10.14 0.00	160.16 -10.37 0.00	164.00 -10.28 0.00	172.61 -10.25 0.00	155.49 -7.17 0.00	184.72 -11.02 0.00	255.54 -13.74 0.00	205.16 -10.49 0.00	181.79 -10.91 0.00	216.91 -12.99 0.00	201.84 -12.84 0.00	179.36 -13.07 0.00	154.17 -12.40 6.10	89.00 -12.59 61.23	149.92 -13.68 23.40	178.82 -14.53 6.13	485.28 -26.20 0.00	224.49 -10.57 0.00	166.78 -10.38 0.00	114.84 -10.02 53.40	31.45 -11.34 138.90	174.13 -11.19 0.00	182.06 -8.61 0.00
MORTIMER_115KV_TB3 55949	147.84 -7.32 0.00	151.35 -6.77 0.00	163.10 -7.42 0.00	166.66 -7.61 0.00	175.01 -7.86 0.00	157.03 -5.63 0.00	187.54 -8.20 0.00	259.44 -9.84 0.00	208.51 -7.15 0.00	185.46 -7.24 0.00	221.77 -8.13 0.00	206.45 -8.23 0.00	185.01 -7.42 0.00	165.13 -7.55 -0.01	155.21 -7.73 -0.11	177.94 -9.13 -0.06	189.94 -9.56 -0.02	493.22 -18.25 0.00	226.91 -8.15 0.00	169.49 -7.67 0.00	170.87 -7.50 -0.10	172.97 -9.14 -0.43	176.41 -8.91 0.00	183.42 -7.26 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	165.05 9.89 0.00	167.11 8.99 0.00	178.95 8.43 0.00	182.74 8.47 0.00	192.31 9.44 0.00	173.16 10.50 0.00	208.43 12.69 0.00	285.16 15.87 0.00	229.60 13.95 0.00	206.88 14.18 0.00	243.38 13.49 0.00	229.06 14.37 0.00	208.61 15.83 -0.36	188.66 15.99 0.00	177.96 15.14 0.00	203.62 16.62 0.00	215.08 15.60 0.00	545.55 34.08 0.00	249.72 14.66 0.00	190.23 13.07 0.00	191.24 12.97 0.00	195.14 13.45 0.00	197.67 12.35 0.00	201.67 10.99 0.00
MUNSVILLE_WIND_PWR 323609	169.71 14.55 0.00	173.67 15.54 0.00	186.09 15.57 0.00	188.81 14.54 0.00	197.59 14.72 0.00	178.74 16.08 0.00	217.51 21.77 0.00	298.00 28.71 0.00	237.60 21.95 0.00	213.44 20.74 0.00	254.65 24.76 0.00	238.29 23.60 0.00	210.30 17.88 0.00	188.68 15.80 -0.22	181.32 16.32 -2.18	207.45 19.61 -0.83	223.17 23.47 -0.22	576.96 65.49 0.00	263.85 28.79 0.00	197.12 19.96 0.00	199.29 19.11 -1.92	206.34 19.71 -4.95	203.42 18.10 0.00	209.82 19.15 0.00
N SALMON___HYD 24042	158.83 3.67 0.00	160.79 2.66 0.00	173.19 2.67 0.00	177.15 2.87 0.00	185.01 2.14 0.00	164.30 1.64 0.00	198.20 2.46 0.00	275.27 5.98 0.00	219.92 4.27 0.00	195.35 2.65 0.00	234.32 4.42 0.00	217.64 2.96 0.00	193.31 0.89 0.00	172.14 -0.53 0.00	162.95 0.13 0.00	188.22 1.22 0.00	204.03 4.55 0.00	529.17 17.69 0.00	243.86 8.80 0.00	181.93 4.77 0.00	183.28 5.02 0.00	185.85 4.16 0.00	190.52 5.20 0.00	196.55 5.88 0.00
N.AKRON__115KV_KNAPP 355671	142.68 -12.48 0.00	146.74 -11.38 0.00	157.95 -12.57 0.00	161.29 -12.98 0.00	169.70 -13.16 0.00	152.89 -9.76 0.00	180.81 -14.93 0.00	251.29 -18.00 0.00	202.44 -13.21 0.00	179.70 -13.00 0.00	215.39 -14.51 0.00	200.27 -14.42 0.00	179.15 -13.27 0.00	158.49 -13.44 0.75	141.71 -13.66 7.46	168.02 -16.31 2.67	181.40 -17.42 0.66	478.22 -33.25 0.00	220.06 -15.01 -0.01	163.23 -13.94 -0.01	157.94 -13.84 6.49	149.92 -16.28 15.48	169.77 -15.55 0.00	178.23 -12.44 0.00
N.BELMOR_69_KV_BK1 55787	216.71 13.23 -48.32	188.71 11.15 -19.43	180.10 9.57 -0.01	186.79 11.36 -1.16	196.81 12.06 -1.88	180.30 13.48 -4.16	232.00 15.99 -20.28	312.71 20.60 -22.83	279.89 18.93 -45.31	256.23 18.21 -45.32	282.09 17.81 -34.38	286.04 18.45 -52.90	268.21 19.13 -56.66	241.31 19.08 -49.56	230.27 18.09 -49.36	259.16 20.01 -52.15	275.64 19.35 -56.81	560.74 36.49 -12.78	294.19 17.89 -41.24	260.98 16.75 -67.07	249.33 16.44 -54.62	237.66 16.95 -39.02	258.65 15.90 -57.43	239.78 13.76 -35.34
N.E_GEN_SANDY PD 24062	161.88 6.72 0.00	164.95 6.45 -0.37	177.27 6.75 0.00	181.05 6.78 0.00	187.82 7.31 2.36	174.35 8.06 -3.63	207.60 9.34 -2.52	276.70 11.12 3.72	225.88 9.84 -0.38	199.75 9.75 2.70	248.75 9.91 -8.94	212.60 9.25 11.33	204.58 10.34 -1.82	184.76 10.65 -1.44	172.86 10.04 0.00	197.89 10.21 -0.68	208.24 8.76 0.00	530.60 19.13 0.00	242.55 7.48 0.00	186.83 6.79 -2.88	185.33 7.07 0.00	191.02 8.30 -1.03	192.37 7.58 0.53	197.63 6.96 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	163.25 8.09 0.00	165.50 7.38 0.00	177.54 7.02 0.00	181.36 7.09 0.00	190.98 8.11 0.00	171.74 9.08 0.00	206.74 11.00 0.00	283.01 13.72 0.00	227.43 11.78 0.00	204.50 11.80 0.00	241.02 11.12 0.00	226.49 11.81 0.00	204.62 12.80 0.60	185.70 13.03 0.00	175.28 12.46 0.00	200.45 13.45 0.00	211.94 12.46 0.00	538.58 27.11 0.00	246.39 11.33 0.00	187.57 10.42 0.00	188.58 10.32 0.00	192.52 10.83 0.00	194.99 9.67 0.00	199.10 8.43 0.00
N.QUEENS_27_KV_LOAD 356247	165.93 10.77 0.00	167.56 9.43 0.00	179.36 8.84 0.00	183.31 9.03 0.00	192.94 10.07 0.00	173.78 11.12 0.00	209.42 13.68 0.00	286.75 17.46 0.00	231.28 15.62 0.00	208.08 15.38 0.00	244.22 14.32 0.00	230.22 15.54 0.00	210.20 17.42 -0.36	189.62 16.95 -0.01	178.47 15.64 0.00	204.50 17.49 0.00	215.38 15.91 0.00	556.48 37.12 -7.89	250.78 15.72 0.00	191.32 14.17 0.00	191.83 13.56 0.00	195.92 14.23 0.00	198.46 13.14 0.00	202.32 11.64 0.00
N.TROY___115KV_TB1 355778	161.51 6.35 0.00	164.40 6.28 0.00	177.38 6.85 0.00	181.20 6.93 0.00	190.33 7.46 0.00	170.58 7.92 0.00	205.01 9.26 0.00	280.66 11.38 0.00	225.32 9.67 0.00	201.78 9.08 0.00	239.75 9.86 0.00	223.58 8.90 0.00	201.93 9.51 0.00	182.18 9.51 0.00	171.60 8.78 0.00	196.13 9.12 0.00	207.50 8.03 0.00	530.45 18.97 0.00	242.71 7.65 0.00	183.56 6.41 0.00	185.14 6.88 0.00	189.83 8.14 0.00	192.98 7.66 0.00	198.07 7.40 0.00
NARROWS_GT1_1 24228	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1015.43 15.56 -769.97	826.55 16.54 -595.32	941.60 18.25 -730.93	876.57 18.24 -685.66	906.93 16.91 -727.21	1360.16 18.91 -1154.25	823.72 17.55 -606.70	1769.03 39.39 -1218.16	730.08 16.98 -478.05	1499.16 15.08 -1306.93	1568.99 14.69 -1376.04	825.70 15.13 -628.88	676.99 14.34 -477.33	412.97 12.99 -209.31
NARROWS_GT1_2 24229	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1015.43 15.56 -769.97	826.55 16.54 -595.32	941.60 18.25 -730.93	876.57 18.24 -685.66	906.93 16.91 -727.21	1360.16 18.91 -1154.25	823.72 17.55 -606.70	1769.03 39.39 -1218.16	730.08 16.98 -478.05	1499.16 15.08 -1306.93	1568.99 14.69 -1376.04	825.70 15.13 -628.88	676.99 14.34 -477.33	412.97 12.99 -209.31
NARROWS_GT1_3 24230	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1015.43 15.56 -769.97	826.55 16.54 -595.32	941.60 18.25 -730.93	876.57 18.24 -685.66	906.93 16.91 -727.21	1360.16 18.91 -1154.25	823.72 17.55 -606.70	1769.03 39.39 -1218.16	730.08 16.98 -478.05	1499.16 15.08 -1306.93	1568.99 14.69 -1376.04	825.70 15.13 -628.88	676.99 14.34 -477.33	412.97 12.99 -209.31
NARROWS_GT1_4 24231	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1015.43 15.56 -769.97	826.55 16.54 -595.32	941.60 18.25 -730.93	876.57 18.24 -685.66	906.93 16.91 -727.21	1360.16 18.91 -1154.25	823.72 17.55 -606.70	1769.03 39.39 -1218.16	730.08 16.98 -478.05	1499.16 15.08 -1306.93	1568.99 14.69 -1376.04	825.70 15.13 -628.88	676.99 14.34 -477.33	412.97 12.99 -209.31

NARROWS_GT1_5 24232	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1015.43 15.56 -769.97	826.55 16.54 -595.32	941.60 18.25 -730.93	876.57 18.24 -685.66	906.93 16.91 -727.21	1360.16 18.91 -1154.25	823.72 17.55 -606.70	1769.03 39.39 -1218.16	730.08 16.98 -478.05	1499.16 15.08 -1306.93	1568.99 14.69 -1376.04	825.70 15.13 -628.88	676.99 14.34 -477.33	412.97 12.99 -209.31
NARROWS_GT1_6 24233	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1015.43 15.56 -769.97	826.55 16.54 -595.32	941.60 18.25 -730.93	876.57 18.24 -685.66	906.93 16.91 -727.21	1360.16 18.91 -1154.25	823.72 17.55 -606.70	1769.03 39.39 -1218.16	730.08 16.98 -478.05	1499.16 15.08 -1306.93	1568.99 14.69 -1376.04	825.70 15.13 -628.88	676.99 14.34 -477.33	412.97 12.99 -209.31
NARROWS_GT1_7 24234	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1015.43 15.56 -769.97	826.55 16.54 -595.32	941.60 18.25 -730.93	876.57 18.24 -685.66	906.93 16.91 -727.21	1360.16 18.91 -1154.25	823.72 17.55 -606.70	1769.03 39.39 -1218.16	730.08 16.98 -478.05	1499.16 15.08 -1306.93	1568.99 14.69 -1376.04	825.70 15.13 -628.88	676.99 14.34 -477.33	412.97 12.99 -209.31
NARROWS_GT1_8 24235	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1015.43 15.56 -769.97	826.55 16.54 -595.32	941.60 18.25 -730.93	876.57 18.24 -685.66	906.93 16.91 -727.21	1360.16 18.91 -1154.25	823.72 17.55 -606.70	1769.03 39.39 -1218.16	730.08 16.98 -478.05	1499.16 15.08 -1306.93	1568.99 14.69 -1376.04	825.70 15.13 -628.88	676.99 14.34 -477.33	412.97 12.99 -209.31
NARROWS_GT2_1 24236	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1014.98 15.56 -769.52	826.55 16.54 -595.32	777.07 18.25 -566.40	810.73 18.24 -619.83	762.15 16.91 -582.43	1354.34 18.91 -1148.43	600.51 17.55 -383.48	653.54 39.39 -102.68	371.42 16.98 -119.38	410.64 15.08 -218.40	621.33 14.69 -428.37	595.36 15.13 -398.55	676.99 14.34 -477.33	412.97 12.99 -209.31
NARROWS_GT2_2 24237	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1014.98 15.56 -769.52	826.55 16.54 -595.32	777.07 18.25 -566.40	810.73 18.24 -619.83	762.15 16.91 -582.43	1354.34 18.91 -1148.43	600.51 17.55 -383.48	653.54 39.39 -102.68	371.42 16.98 -119.38	410.64 15.08 -218.40	621.33 14.69 -428.37	595.36 15.13 -398.55	676.99 14.34 -477.33	412.97 12.99 -209.31
NARROWS_GT2_3 24238	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1014.98 15.56 -769.52	826.55 16.54 -595.32	777.07 18.25 -566.40	810.73 18.24 -619.83	762.15 16.91 -582.43	1354.34 18.91 -1148.43	600.51 17.55 -383.48	653.54 39.39 -102.68	371.42 16.98 -119.38	410.64 15.08 -218.40	621.33 14.69 -428.37	595.36 15.13 -398.55	676.99 14.34 -477.33	412.97 12.99 -209.31
NARROWS_GT2_4 24239	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1014.98 15.56 -769.52	826.55 16.54 -595.32	777.07 18.25 -566.40	810.73 18.24 -619.83	762.15 16.91 -582.43	1354.34 18.91 -1148.43	600.51 17.55 -383.48	653.54 39.39 -102.68	371.42 16.98 -119.38	410.64 15.08 -218.40	621.33 14.69 -428.37	595.36 15.13 -398.55	676.99 14.34 -477.33	412.97 12.99 -209.31
NARROWS_GT2_5 24240	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1014.98 15.56 -769.52	826.55 16.54 -595.32	777.07 18.25 -566.40	810.73 18.24 -619.83	762.15 16.91 -582.43	1354.34 18.91 -1148.43	600.51 17.55 -383.48	653.54 39.39 -102.68	371.42 16.98 -119.38	410.64 15.08 -218.40	621.33 14.69 -428.37	595.36 15.13 -398.55	676.99 14.34 -477.33	412.97 12.99 -209.31
NARROWS_GT2_6 24241	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1014.98 15.56 -769.52	826.55 16.54 -595.32	777.07 18.25 -566.40	810.73 18.24 -619.83	762.15 16.91 -582.43	1354.34 18.91 -1148.43	600.51 17.55 -383.48	653.54 39.39 -102.68	371.42 16.98 -119.38	410.64 15.08 -218.40	621.33 14.69 -428.37	595.36 15.13 -398.55	676.99 14.34 -477.33	412.97 12.99 -209.31
NARROWS_GT2_7 24242	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1014.98 15.56 -769.52	826.55 16.54 -595.32	777.07 18.25 -566.40	810.73 18.24 -619.83	762.15 16.91 -582.43	1354.34 18.91 -1148.43	600.51 17.55 -383.48	653.54 39.39 -102.68	371.42 16.98 -119.38	410.64 15.08 -218.40	621.33 14.69 -428.37	595.36 15.13 -398.55	676.99 14.34 -477.33	412.97 12.99 -209.31
NARROWS_GT2_8 24243	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1014.98 15.56 -769.52	826.55 16.54 -595.32	777.07 18.25 -566.40	810.73 18.24 -619.83	762.15 16.91 -582.43	1354.34 18.91 -1148.43	600.51 17.55 -383.48	653.54 39.39 -102.68	371.42 16.98 -119.38	410.64 15.08 -218.40	621.33 14.69 -428.37	595.36 15.13 -398.55	676.99 14.34 -477.33	412.97 12.99 -209.31
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	164.60 9.44 0.00	167.66 9.54 0.00	181.35 10.83 0.00	185.29 11.02 0.00	194.65 11.78 0.00	174.31 11.65 0.00	210.12 14.38 0.00	287.97 18.68 0.00	231.94 16.28 0.00	207.69 14.99 0.00	245.68 15.78 0.00	228.84 14.16 0.00	205.94 13.52 0.00	185.11 12.44 0.00	173.98 11.16 0.00	199.46 12.46 0.00	211.16 11.68 0.00	541.69 30.21 0.00	248.16 13.09 0.00	187.51 10.35 0.00	188.62 10.36 0.00	193.06 11.37 0.00	197.32 12.00 0.00	202.39 11.72 0.00
NCHELSEA_115KV_TR2 355582	165.31 10.15 0.00	167.72 9.59 0.00	180.19 9.67 0.00	184.15 9.87 0.00	193.72 10.85 0.00	174.06 11.40 0.00	209.73 13.99 0.00	287.54 18.26 0.00	231.26 15.60 0.00	207.83 15.13 0.00	245.30 15.40 0.00	230.05 15.36 0.00	208.12 15.70 0.00	188.27 15.60 0.00	177.63 14.81 0.00	203.21 16.21 0.00	215.01 15.53 0.00	547.50 36.03 0.00	250.66 15.59 0.00	190.44 13.28 0.00	191.45 13.18 0.00	195.34 13.65 0.00	197.87 12.55 0.00	202.27 11.60 0.00
NEG CAPITAL___MECHNVIL 23645	164.14 8.98 0.00	167.11 8.98 0.00	180.35 9.83 0.00	184.23 9.96 0.00	193.60 10.73 0.00	173.76 11.10 0.00	209.24 13.50 0.00	287.00 17.72 0.00	229.91 14.25 0.00	205.63 12.93 0.00	244.51 14.62 0.00	228.09 13.40 0.00	205.60 13.18 0.00	185.44 12.77 0.00	174.73 11.90 0.00	200.01 13.01 0.00	212.18 12.70 0.00	543.72 32.24 0.00	248.90 13.84 0.00	188.08 10.93 0.00	189.56 11.29 0.00	193.93 12.24 0.00	196.83 11.51 0.00	202.02 11.34 0.00



NEG CENTRAL_HIGH_ACRES 23767	146.76 -8.40 0.00	150.19 -7.94 0.00	161.88 -8.64 0.00	165.42 -8.86 0.00	173.71 -9.16 0.00	155.78 -6.88 0.00	186.67 -9.07 0.00	257.71 -11.57 0.00	207.20 -8.45 0.00	184.42 -8.28 0.00	220.14 -9.76 0.00	204.93 -9.75 0.00	183.73 -8.69 0.00	164.14 -8.53 0.00	154.41 -8.41 0.00	177.11 -9.90 0.00	189.00 -10.47 0.00	489.84 -21.63 0.00	225.36 -9.70 0.00	168.64 -8.52 0.00	169.78 -8.49 0.00	171.91 -9.78 0.00	175.21 -10.11 0.00	181.83 -8.84 0.00
NEG CENTRAL___DRP 24199	151.94 -3.22 0.00	155.42 -2.71 0.00	167.61 -2.91 0.00	171.31 -2.96 0.00	179.98 -2.89 0.00	161.29 -1.37 0.00	194.25 -1.50 0.00	267.90 -1.38 0.00	214.89 -0.76 0.00	191.35 -1.35 0.00	227.27 -2.62 0.00	211.68 -3.01 0.00	189.28 -3.15 0.00	170.31 -2.76 -0.40	164.11 -2.75 -4.03	185.73 -2.81 -1.54	196.66 -3.22 -0.40	507.09 -4.39 0.00	233.79 -1.27 0.00	175.70 -1.46 0.00	180.27 -1.56 -3.56	188.61 -2.23 -9.15	182.45 -2.87 0.00	189.21 -1.46 0.00
NEG CENTRAL___INDECK 23768	152.09 -3.07 0.00	156.08 -2.05 0.00	168.67 -1.85 0.00	172.65 -1.63 0.00	181.76 -1.11 0.00	161.12 -1.54 0.00	187.83 -7.91 0.00	261.84 -7.45 0.00	210.10 -5.56 0.00	185.93 -6.77 0.00	223.33 -6.57 0.00	206.05 -8.64 0.00	183.34 -9.08 0.00	167.67 -9.33 -4.33	197.78 -8.55 -43.51	194.84 -8.79 -16.63	195.46 -8.37 -4.35	502.25 -9.22 0.00	231.89 -3.17 0.00	173.39 -3.77 0.00	218.75 2.46 -38.02	279.95 -0.43 -98.70	184.34 -0.98 0.00	191.59 0.91 0.00
NEG CENTRAL___SENECA 23627	151.33 -3.83 0.00	155.05 -3.08 0.00	167.17 -3.35 0.00	170.93 -3.34 0.00	179.59 -3.28 0.00	161.26 -1.40 0.00	193.99 -1.75 0.00	268.42 -0.86 0.00	215.14 -0.52 0.00	191.05 -1.65 0.00	226.88 -3.01 0.00	211.12 -3.56 0.00	188.54 -3.89 0.00	169.89 -3.42 -0.64	165.91 -3.35 -6.44	186.12 -3.34 -2.46	196.49 -3.64 -0.64	507.61 -3.86 0.00	234.09 -0.97 0.00	175.53 -1.63 0.00	182.27 -1.68 -5.67	193.78 -2.51 -14.61	182.12 -3.19 0.00	189.48 -1.20 0.00
NEG CENTRAL___STATE_STREET 24147	154.01 -1.15 0.00	157.28 -0.85 0.00	169.60 -0.92 0.00	173.27 -1.00 0.00	181.92 -0.94 0.00	162.75 0.09 0.00	196.58 0.84 0.00	270.44 1.16 0.00	216.92 1.26 0.00	193.87 1.17 0.00	230.25 0.35 0.00	214.53 -0.15 0.00	192.16 -0.26 0.00	172.51 -0.16 0.00	162.02 -0.80 0.00	186.18 -0.82 0.00	198.36 -1.11 0.00	510.79 -0.68 0.00	235.33 0.27 0.00	177.23 0.07 0.00	178.21 -0.06 0.00	181.05 -0.64 0.00	184.10 -1.22 0.00	190.30 -0.37 0.00
NEG MILLWOOD___DRP 24198	166.42 11.26 0.00	168.87 10.75 0.00	181.23 10.71 0.00	185.22 10.95 0.00	194.89 12.02 0.00	175.31 12.65 0.00	211.28 15.54 0.00	289.63 20.35 0.00	232.98 17.33 0.00	209.39 16.69 0.00	247.02 17.13 0.00	231.72 17.04 0.00	209.85 17.32 -0.10	189.77 17.10 0.00	179.00 16.18 0.00	204.80 17.80 0.00	216.65 17.17 0.00	551.62 40.14 0.00	252.57 17.51 0.00	191.99 14.84 0.00	193.06 14.79 0.00	196.85 15.16 0.00	199.31 13.99 0.00	203.60 12.92 0.00
NEG NORTH_FLCN_SEA 23793	155.67 0.51 0.00	157.33 -0.80 0.00	169.45 -1.07 0.00	173.13 -1.15 0.00	180.97 -1.90 0.00	161.50 -1.16 0.00	195.34 -0.40 0.00	270.11 0.83 0.00	216.31 0.65 0.00	192.84 0.14 0.00	230.29 0.39 0.00	214.13 -0.56 0.00	190.84 -1.58 0.00	170.00 -2.67 0.00	160.97 -1.85 0.00	185.80 -1.20 0.00	200.76 1.28 0.00	520.75 9.28 0.00	239.66 4.59 0.00	179.37 2.21 0.00	180.61 2.34 0.00	183.28 1.60 0.00	187.02 1.70 0.00	192.91 2.23 0.00
NEG NORTH_KES_CHATEGAY 23792	155.66 0.49 0.00	157.31 -0.81 0.00	169.41 -1.11 0.00	173.35 -0.93 0.00	181.12 -1.75 0.00	161.01 -1.66 0.00	194.61 -1.13 0.00	269.93 0.64 0.00	215.92 0.27 0.00	191.91 -0.79 0.00	229.36 -0.53 0.00	213.20 -1.48 0.00	189.17 -3.25 0.00	168.36 -4.31 0.00	159.58 -3.24 0.00	184.41 -2.59 0.00	200.08 0.60 0.00	518.51 7.03 0.00	238.87 3.80 0.00	178.28 1.12 0.00	179.39 1.13 0.00	182.16 0.48 0.00	186.49 1.17 0.00	192.25 1.57 0.00
NEG NORTH___ALICE_FALLS 23915	157.40 2.24 0.00	159.05 0.93 0.00	171.29 0.76 0.00	175.03 0.76 0.00	182.99 0.13 0.00	163.38 0.72 0.00	197.74 2.00 0.00	273.84 4.56 0.00	219.08 3.42 0.00	195.01 2.31 0.00	232.67 2.77 0.00	215.92 1.23 0.00	192.41 -0.01 0.00	171.35 -1.32 0.00	162.36 -0.46 0.00	187.55 0.55 0.00	202.82 3.34 0.00	526.37 14.89 0.00	242.30 7.24 0.00	181.24 4.09 0.00	182.51 4.24 0.00	184.97 3.28 0.00	188.86 3.54 0.00	194.70 4.02 0.00
NEG NORTH___LWR_SARANAC 23913	157.40 2.24 0.00	159.05 0.93 0.00	171.29 0.76 0.00	175.03 0.76 0.00	182.99 0.13 0.00	163.38 0.72 0.00	197.74 2.00 0.00	273.84 4.56 0.00	219.08 3.42 0.00	195.01 2.31 0.00	232.67 2.77 0.00	215.92 1.23 0.00	192.41 -0.01 0.00	171.35 -1.32 0.00	162.36 -0.46 0.00	187.55 0.55 0.00	202.82 3.34 0.00	526.37 14.89 0.00	242.30 7.24 0.00	181.24 4.09 0.00	182.51 4.24 0.00	184.97 3.28 0.00	188.86 3.54 0.00	194.70 4.02 0.00
NEG NORTH___PLATTSBURG 23628	157.40 2.24 0.00	159.06 0.93 0.00	171.29 0.77 0.00	175.03 0.76 0.00	182.99 0.13 0.00	163.38 0.72 0.00	197.75 2.01 0.00	273.84 4.55 0.00	219.07 3.42 0.00	195.01 2.30 0.00	232.67 2.77 0.00	215.93 1.24 0.00	192.41 -0.01 0.00	171.36 -1.31 0.00	162.36 -0.46 0.00	187.55 0.55 0.00	202.82 3.34 0.00	526.37 14.89 0.00	242.30 7.24 0.00	181.24 4.09 0.00	182.51 4.24 0.00	184.96 3.28 0.00	188.85 3.53 0.00	194.69 4.02 0.00
NEG WEST_LEA_LOCKPORT 23791	138.52 -16.64 0.00	142.54 -15.59 0.00	153.49 -17.03 0.00	156.75 -17.53 0.00	164.75 -18.12 0.00	148.36 -14.30 0.00	174.81 -20.92 0.00	242.66 -26.62 0.00	195.72 -19.94 0.00	173.95 -18.75 0.00	209.04 -20.86 0.00	194.37 -20.32 0.00	173.79 -18.63 0.00	152.70 -18.55 1.43	129.71 -18.61 14.50	158.53 -22.09 6.38	173.98 -23.62 1.87	461.77 -49.71 0.00	212.55 -22.48 0.04	157.55 -19.55 0.05	146.20 -19.38 12.69	120.14 -21.87 39.68	164.34 -20.98 0.00	172.92 -17.76 0.00
NEG WEST___LANCASTER 23811	144.18 -10.98 0.00	148.22 -9.91 0.00	159.65 -10.88 0.00	163.01 -11.27 0.00	171.05 -11.82 0.00	154.01 -8.65 0.00	182.65 -13.09 0.00	253.20 -16.08 0.00	203.44 -12.22 0.00	180.78 -11.92 0.00	217.06 -12.83 0.00	202.34 -12.35 0.00	180.72 -11.70 0.00	160.34 -11.32 1.02	141.59 -11.04 10.19	169.30 -13.81 3.90	183.52 -14.94 1.02	481.41 -30.06 0.00	221.44 -13.62 0.00	164.51 -12.64 0.00	157.65 -11.74 8.89	145.26 -13.32 23.11	172.32 -13.00 0.00	180.36 -10.32 0.00
NEG_PENN_ALLEGHNY 23528	154.96 -0.20 0.00	158.46 0.34 0.00	170.91 0.39 0.00	174.43 0.16 0.00	183.03 0.16 0.00	163.88 1.22 0.00	197.04 1.30 0.00	270.69 1.40 0.00	217.03 1.37 0.00	193.94 1.24 0.00	230.63 0.74 0.00	215.86 1.18 0.00	193.67 1.25 0.00	174.47 1.80 0.00	164.29 1.47 0.00	188.54 1.54 0.00	200.19 0.71 0.00	514.50 3.02 0.00	236.88 1.82 0.00	178.40 1.25 0.00	179.56 1.30 0.00	182.74 1.05 0.00	185.95 0.64 0.00	191.91 1.23 0.00
NEG___GEN_MONROE 24207	148.46 -6.70 0.00	152.05 -6.08 0.00	163.84 -6.68 0.00	167.38 -6.90 0.00	175.83 -7.04 0.00	157.95 -4.71 0.00	188.55 -7.19 0.00	261.14 -8.14 0.00	209.92 -5.74 0.00	186.44 -6.26 0.00	222.79 -7.11 0.00	207.21 -7.48 0.00	185.66 -6.76 0.00	165.72 -6.96 -0.02	155.79 -7.18 -0.15	178.57 -8.52 -0.09	190.62 -8.88 -0.03	496.67 -14.81 0.00	228.53 -6.54 0.00	170.54 -6.62 0.00	171.87 -6.53 -0.14	173.93 -8.34 -0.58	177.26 -8.06 0.00	184.45 -6.22 0.00

NEPA__ENERGY 23901	141.94 -13.21 0.00	146.17 -11.96 0.00	157.75 -12.77 0.00	161.22 -13.06 0.00	169.75 -13.11 0.00	153.02 -9.64 0.00	181.71 -14.03 0.00	252.87 -16.41 0.00	203.44 -12.21 0.00	180.17 -12.53 0.00	216.01 -13.89 0.00	200.90 -13.79 0.00	178.75 -13.67 0.00	157.43 -13.86 1.38	135.40 -13.59 13.83	165.53 -16.18 5.29	181.28 -16.81 1.38	479.28 -32.20 0.00	220.93 -14.13 0.00	163.05 -14.11 0.00	152.27 -13.93 12.06	134.40 -15.91 31.38	170.62 -14.70 0.00	179.13 -11.54 0.00
NEVERSINK__HYD 23608	162.55 7.40 0.00	165.02 6.90 0.00	177.52 7.00 0.00	181.43 7.16 0.00	190.98 8.11 0.00	171.43 8.77 0.00	206.83 11.09 0.00	283.99 14.70 0.00	228.27 12.62 0.00	204.87 12.17 0.00	241.94 12.04 0.00	226.54 11.86 0.00	204.65 12.34 0.11	184.90 12.23 0.00	174.50 11.68 0.00	199.71 12.70 0.00	211.77 12.29 0.00	540.34 28.87 0.00	247.61 12.55 0.00	187.95 10.80 0.00	188.88 10.62 0.00	192.54 10.85 0.00	194.99 9.68 0.00	199.36 8.69 0.00
NEWKRMKL_115KV_TB1 55635	160.29 5.13 0.00	163.16 5.03 0.00	176.14 5.62 0.00	179.96 5.68 0.00	189.03 6.16 0.00	169.03 6.37 0.00	203.12 7.38 0.00	277.70 8.42 0.00	223.92 8.26 0.00	200.91 8.21 0.00	237.71 7.81 0.00	222.01 7.32 0.00	200.39 7.97 0.00	180.54 7.87 0.00	169.46 6.64 0.00	193.76 6.76 0.00	204.42 4.94 0.00	521.75 10.28 0.00	238.66 3.60 0.00	180.76 3.60 0.00	181.94 3.67 0.00	186.77 5.09 0.00	191.33 6.01 0.00	196.14 5.46 0.00
NEWTON__FALLS_HYD 23847	156.27 1.11 0.00	158.75 0.63 0.00	171.12 0.59 0.00	175.18 0.90 0.00	183.28 0.41 0.00	162.71 0.05 0.00	194.98 -0.76 0.00	270.74 1.45 0.00	214.24 -1.41 0.00	190.63 -2.07 0.00	231.26 1.36 0.00	214.30 -0.38 0.00	191.40 -1.03 0.00	172.17 -0.49 0.00	162.62 -0.20 0.00	187.95 0.95 0.00	203.02 3.54 0.00	524.09 12.61 0.00	241.37 6.30 0.00	180.73 3.57 0.00	181.25 2.98 0.00	182.24 0.55 0.00	185.37 0.05 0.00	193.28 2.60 0.00
NGRID_A1_DSASP 323792	137.54 -17.63 0.00	141.51 -16.61 0.00	152.47 -18.05 0.00	155.70 -18.57 0.00	163.46 -19.41 0.00	147.02 -15.64 0.00	173.45 -22.29 0.00	240.16 -29.12 0.00	193.71 -21.95 0.00	172.12 -20.58 0.00	207.28 -22.62 0.00	192.49 -22.20 0.00	172.14 -20.28 0.00	151.51 -20.15 1.01	133.07 -19.65 10.10	159.50 -23.64 3.86	173.15 -25.32 1.01	456.51 -54.97 0.00	210.07 -24.99 0.00	155.61 -21.55 0.00	149.09 -20.37 8.81	136.49 -22.29 22.91	162.67 -22.65 0.00	171.33 -19.34 0.00
NGRID_A2_DSASP 323793	137.54 -17.63 0.00	141.51 -16.61 0.00	152.47 -18.05 0.00	155.70 -18.57 0.00	163.46 -19.41 0.00	147.02 -15.64 0.00	173.45 -22.29 0.00	240.16 -29.12 0.00	193.71 -21.95 0.00	172.12 -20.58 0.00	207.28 -22.62 0.00	192.49 -22.20 0.00	172.14 -20.28 0.00	151.51 -20.15 1.01	133.07 -19.65 10.10	159.50 -23.64 3.86	173.15 -25.32 1.01	456.51 -54.97 0.00	210.07 -24.99 0.00	155.61 -21.55 0.00	149.09 -20.37 8.81	136.49 -22.29 22.91	162.67 -22.65 0.00	171.33 -19.34 0.00
NGRID_A4_DSASP 323807	137.54 -17.63 0.00	141.51 -16.61 0.00	152.47 -18.05 0.00	155.70 -18.57 0.00	163.46 -19.41 0.00	147.02 -15.64 0.00	173.45 -22.29 0.00	240.16 -29.12 0.00	193.71 -21.95 0.00	172.12 -20.58 0.00	207.28 -22.62 0.00	192.49 -22.20 0.00	172.14 -20.28 0.00	151.51 -20.15 1.01	133.07 -19.65 10.10	159.50 -23.64 3.86	173.15 -25.32 1.01	456.51 -54.97 0.00	210.07 -24.99 0.00	155.61 -21.55 0.00	149.09 -20.37 8.81	136.49 -22.29 22.91	162.67 -22.65 0.00	171.33 -19.34 0.00
NIAGARA_115E_LBMP 323715	136.95 -18.21 0.00	141.06 -17.07 0.00	151.86 -18.66 0.00	154.99 -19.29 0.00	162.98 -19.89 0.00	146.74 -15.92 0.00	172.53 -23.21 0.00	239.29 -29.99 0.00	193.22 -22.44 0.00	171.78 -20.92 0.00	206.61 -23.29 0.00	192.00 -22.68 0.00	171.81 -20.62 0.00	151.18 -20.52 0.97	132.52 -20.53 9.77	159.03 -24.30 3.67	172.42 -26.11 0.94	455.03 -56.44 0.00	209.60 -25.46 0.00	155.33 -21.84 0.00	148.20 -21.54 8.52	136.05 -24.02 21.62	162.17 -23.15 0.00	170.96 -19.71 0.00
NIAGARA_115W_LBMP 323714	137.29 -17.87 0.00	141.30 -16.83 0.00	152.21 -18.31 0.00	155.41 -18.86 0.00	163.18 -19.68 0.00	146.79 -15.87 0.00	173.13 -22.61 0.00	239.80 -29.48 0.00	193.37 -22.29 0.00	171.82 -20.88 0.00	206.84 -23.06 0.00	192.14 -22.54 0.00	171.82 -20.60 0.00	151.25 -20.42 1.00	132.98 -19.80 10.04	159.26 -23.90 3.84	172.83 -25.64 1.01	455.61 -55.86 0.00	209.71 -25.36 0.00	155.36 -21.79 0.00	148.92 -20.59 8.75	136.43 -22.48 22.77	162.42 -22.90 0.00	171.08 -19.60 0.00
NIAGARA_230_LBMP 323716	138.84 -16.32 0.00	142.86 -15.27 0.00	153.88 -16.64 0.00	157.11 -17.16 0.00	165.00 -17.87 0.00	148.38 -14.28 0.00	175.19 -20.55 0.00	242.68 -26.60 0.00	195.63 -20.03 0.00	173.74 -18.96 0.00	209.06 -20.84 0.00	194.37 -20.31 0.00	173.83 -18.60 0.00	153.17 -18.53 0.97	134.59 -18.45 9.78	161.36 -21.85 3.79	175.20 -23.27 1.00	461.48 -49.99 0.00	212.27 -22.79 0.00	157.37 -19.79 0.00	150.48 -19.25 8.53	137.84 -21.25 22.59	164.68 -20.64 0.00	173.08 -17.60 0.00
NIAGARA__115KV_198_GIBSON 55903	137.38 -17.78 0.00	141.32 -16.80 0.00	152.21 -18.31 0.00	155.41 -18.86 0.00	163.19 -19.67 0.00	146.83 -15.83 0.00	173.18 -22.57 0.00	239.93 -29.36 0.00	193.38 -22.27 0.00	171.82 -20.89 0.00	206.86 -23.04 0.00	192.14 -22.54 0.00	171.79 -20.63 0.00	151.24 -20.43 1.00	132.95 -19.83 10.04	159.20 -23.96 3.84	172.84 -25.64 1.01	455.68 -55.80 0.00	209.72 -25.34 0.00	155.40 -21.75 0.00	148.80 -20.71 8.75	136.10 -22.81 22.77	162.38 -22.95 0.00	171.15 -19.53 0.00
NIAGARA____ 23760	138.84 -16.32 0.00	142.86 -15.27 0.00	153.88 -16.64 0.00	157.11 -17.16 0.00	165.00 -17.87 0.00	148.38 -14.28 0.00	175.19 -20.55 0.00	242.68 -26.60 0.00	195.63 -20.03 0.00	173.74 -18.96 0.00	209.06 -20.84 0.00	194.37 -20.31 0.00	173.83 -18.60 0.00	153.17 -18.53 0.98	134.57 -18.45 9.80	161.39 -21.85 3.75	175.22 -23.27 0.99	461.48 -49.99 0.00	212.27 -22.79 0.00	157.37 -19.79 0.00	150.47 -19.25 8.55	138.16 -21.25 22.27	164.68 -20.64 0.00	173.08 -17.60 0.00
NINE_MILE_1 23575	149.08 -6.08 0.00	152.04 -6.08 0.00	164.00 -6.52 0.00	167.53 -6.74 0.00	175.82 -7.05 0.00	156.79 -5.87 0.00	188.58 -7.16 0.00	258.92 -10.36 0.00	207.69 -7.96 0.00	185.70 -7.00 0.00	220.93 -8.96 0.00	206.32 -8.37 0.00	185.29 -7.14 0.00	166.34 -6.33 0.00	156.63 -6.19 0.00	179.88 -7.12 0.00	191.67 -7.81 0.00	491.44 -20.03 0.00	225.98 -9.08 0.00	170.54 -6.61 0.00	171.60 -6.67 0.00	174.60 -7.09 0.00	177.90 -7.42 0.00	183.34 -7.34 0.00
NINE_MILE_2 23744	149.08 -6.08 0.00	152.06 -6.07 0.00	164.00 -6.52 0.00	167.53 -6.74 0.00	175.84 -7.03 0.00	156.81 -5.85 0.00	188.58 -7.16 0.00	258.92 -10.36 0.00	207.69 -7.96 0.00	185.72 -6.98 0.00	220.93 -8.96 0.00	206.32 -8.37 0.00	185.29 -7.14 0.00	166.36 -6.31 0.00	156.63 -6.19 0.00	179.88 -7.12 0.00	191.67 -7.81 0.00	491.44 -20.03 0.00	225.98 -9.08 0.00	170.54 -6.61 0.00	171.60 -6.67 0.00	174.60 -7.09 0.00	177.90 -7.42 0.00	183.34 -7.34 0.00
NM_CAPITAL__DRP 24208	160.23 5.07 0.00	163.06 4.93 0.00	176.06 5.55 0.00	179.81 5.53 0.00	188.86 5.99 0.00	168.95 6.29 0.00	203.03 7.29 0.00	277.63 8.35 0.00	223.74 8.09 0.00	200.75 8.05 0.00	237.60 7.71 0.00	221.84 7.15 0.00	200.38 7.95 0.00	180.58 7.91 0.00	169.62 6.80 0.00	193.85 6.85 0.00	204.61 5.14 0.00	522.06 10.58 0.00	238.74 3.67 0.00	180.79 3.63 0.00	182.12 3.85 0.00	186.95 5.27 0.00	191.13 5.81 0.00	195.99 5.32 0.00

NM_CENTRAL___DRP 24181	152.24 -2.92 0.00	155.31 -2.82 0.00	167.47 -3.05 0.00	171.14 -3.14 0.00	179.61 -3.26 0.00	160.49 -2.17 0.00	193.15 -2.59 0.00	265.31 -3.97 0.00	212.86 -2.80 0.00	190.26 -2.44 0.00	226.12 -3.78 0.00	211.13 -3.56 0.00	189.62 -2.81 0.00	170.32 -2.35 0.00	160.35 -2.47 0.00	184.15 -2.85 0.00	196.27 -3.20 0.00	503.61 -7.86 0.00	231.65 -3.42 0.00	174.71 -2.45 0.00	175.79 -2.48 0.00	178.72 -2.97 0.00	181.78 -3.54 0.00	187.40 -3.28 0.00
NM_FRONTIER___DRP 24179	137.38 -17.78 0.00	141.32 -16.80 0.00	152.21 -18.31 0.00	155.41 -18.86 0.00	163.19 -19.67 0.00	146.83 -15.83 0.00	173.18 -22.57 0.00	239.93 -29.36 0.00	193.38 -22.27 0.00	171.82 -20.89 0.00	206.86 -23.04 0.00	192.14 -22.54 0.00	171.79 -20.63 0.00	151.24 -20.43 1.00	132.95 -19.83 10.04	159.20 -23.96 3.84	172.84 -25.64 1.01	455.68 -55.80 0.00	209.72 -25.34 0.00	155.40 -21.75 0.00	148.80 -20.71 8.75	136.10 -22.81 22.77	162.38 -22.95 0.00	171.15 -19.53 0.00
NM_ST_REGIS___HYD 24053	157.54 2.38 0.00	160.06 1.94 0.00	172.43 1.91 0.00	176.37 2.09 0.00	183.89 1.03 0.00	162.11 -0.55 0.00	194.04 -1.71 0.00	269.58 0.30 0.00	214.51 -1.15 0.00	190.20 -2.50 0.00	230.40 0.50 0.00	213.86 -0.83 0.00	190.04 -2.39 0.00	169.22 -3.44 0.00	159.91 -2.91 0.00	184.20 -2.80 0.00	199.78 0.30 0.00	517.48 6.00 0.00	238.68 3.61 0.00	178.08 0.92 0.00	179.15 0.88 0.00	182.69 1.00 0.00	188.04 2.72 0.00	194.85 4.17 0.00
NORTHPORT___1 23551	148.88 12.17 18.46	159.83 9.36 7.65	177.06 6.54 0.00	182.71 8.85 0.41	191.99 9.80 0.67	172.45 11.29 1.49	200.71 12.95 7.98	277.89 15.92 7.32	226.92 15.68 4.41	203.14 15.12 4.69	232.04 13.43 11.29	233.64 14.84 -4.11	207.27 15.77 0.93	190.69 16.10 -1.92	185.67 15.25 -7.60	212.41 16.93 -8.48	223.09 15.78 -7.83	406.09 22.80 128.18	247.28 12.59 0.37	201.21 13.16 -10.90	199.84 12.80 -8.77	192.74 13.55 2.50	179.29 12.85 18.88	187.22 10.46 13.91
NORTHPORT___2 23552	148.88 12.17 18.46	159.83 9.36 7.65	177.06 6.54 0.00	182.71 8.85 0.41	191.99 9.80 0.67	172.45 11.29 1.49	200.71 12.95 7.98	277.89 15.92 7.32	226.92 15.68 4.41	203.14 15.12 4.69	232.04 13.43 11.29	233.64 14.84 -4.11	207.27 15.77 0.93	190.69 16.10 -1.92	185.67 15.25 -7.60	212.41 16.93 -8.48	223.09 15.78 -7.83	406.09 22.80 128.18	247.28 12.59 0.37	201.21 13.16 -10.90	199.84 12.80 -8.77	192.74 13.55 2.50	179.29 12.85 18.88	187.22 10.46 13.91
NORTHPORT___3 23553	148.04 11.72 18.85	159.33 9.00 7.81	176.95 6.43 0.00	182.26 8.41 0.42	191.64 9.46 0.69	172.15 11.02 1.52	200.15 12.56 8.14	274.79 12.99 7.49	224.03 13.07 4.69	201.45 13.71 4.96	230.40 12.04 11.54	231.99 13.46 -3.84	205.93 14.75 1.25	189.29 14.96 -1.66	184.45 14.26 -7.36	210.87 15.63 -8.24	221.73 14.69 -7.55	403.13 21.05 129.41	245.67 11.16 0.55	199.74 11.99 -10.59	198.52 11.73 -8.52	191.35 12.39 2.73	177.69 11.67 19.31	185.91 9.43 14.19
NORTHPORT___4 23650	148.04 11.72 18.85	159.33 9.00 7.81	176.95 6.43 0.00	182.26 8.41 0.42	191.64 9.46 0.69	172.15 11.02 1.52	200.15 12.56 8.14	274.79 12.99 7.49	224.03 13.07 4.69	201.45 13.71 4.96	230.40 12.04 11.54	231.99 13.46 -3.84	205.93 14.75 1.25	189.29 14.96 -1.66	184.45 14.26 -7.36	210.87 15.63 -8.24	221.73 14.69 -7.55	403.13 21.05 129.41	245.67 11.16 0.55	199.74 11.99 -10.59	198.52 11.73 -8.52	191.35 12.39 2.73	177.69 11.67 19.31	185.91 9.43 14.19
NORTHPORT___IC 23718	148.63 11.93 18.46	159.82 9.34 7.65	177.06 6.54 0.00	182.72 8.86 0.41	191.64 9.45 0.67	172.44 11.27 1.49	200.69 12.93 7.98	277.86 15.89 7.32	226.91 15.67 4.41	203.12 15.11 4.69	231.99 13.37 11.29	233.65 14.85 -4.11	207.27 15.77 0.93	190.69 16.09 -1.92	185.66 15.24 -7.60	212.42 16.94 -8.48	223.07 15.77 -7.83	406.82 23.52 128.18	247.27 12.57 0.37	201.21 13.15 -10.90	199.85 12.80 -8.77	192.75 13.56 2.50	179.27 12.83 18.88	187.21 10.45 13.91
NORTH___COUNTRY_ESR 323785	155.14 -0.02 0.00	156.81 -1.32 0.00	168.87 -1.65 0.00	172.79 -1.48 0.00	180.48 -2.39 0.00	160.44 -2.22 0.00	193.82 -1.92 0.00	268.83 -0.45 0.00	214.94 -0.72 0.00	191.16 -1.55 0.00	228.69 -1.21 0.00	212.75 -1.93 0.00	188.91 -3.51 0.00	168.11 -4.55 0.00	159.26 -3.55 0.00	184.11 -2.89 0.00	199.32 -0.16 0.00	516.35 4.87 0.00	237.87 2.81 0.00	177.49 0.34 0.00	178.55 0.28 0.00	181.33 -0.35 0.00	185.72 0.40 0.00	191.49 0.81 0.00
NPX_GEN_1385_PROXY 323591	147.48 10.78 18.46	158.38 7.90 7.65	174.12 3.60 0.00	182.09 8.23 0.41	191.61 9.42 0.67	171.51 10.34 1.49	198.64 10.88 7.98	274.83 12.86 7.32	224.67 13.43 4.41	201.95 13.93 4.69	235.78 9.61 3.73	232.26 13.46 -4.11	205.89 14.40 0.93	188.72 14.12 -1.92	183.30 12.88 -7.60	210.64 15.16 -8.48	220.48 13.17 -7.83	395.42 12.13 128.18	242.69 8.00 0.37	197.47 9.41 -10.90	196.33 9.29 -8.77	189.24 10.05 2.50	176.57 10.13 18.88	185.33 8.56 13.91
NPX_GEN_CSC 323557	154.55 15.74 16.35	164.55 13.22 6.79	181.25 10.73 0.00	186.84 12.93 0.37	196.51 14.24 0.60	177.06 15.71 1.31	207.11 18.46 7.09	285.49 22.57 6.37	234.89 22.08 2.85	209.67 20.07 3.11	246.33 18.73 2.29	239.25 18.91 -5.65	212.84 19.52 -0.89	196.03 19.14 -3.43	190.87 19.14 -8.91	218.21 21.36 -9.85	228.78 19.93 -9.37	414.70 27.82 124.59	250.55 14.54 -0.95	205.34 15.51 -12.67	204.60 16.11 -10.22	198.65 18.15 1.19	187.20 18.35 16.47	193.76 15.44 12.36
NSINS_S___GLNS_FALLS 23858	165.70 10.54 0.00	168.72 10.60 0.00	182.08 11.55 0.00	186.04 11.76 0.00	195.65 12.78 0.00	176.37 13.71 0.00	212.71 16.97 0.00	291.74 22.45 0.00	233.36 17.71 0.00	208.21 15.51 0.00	247.59 17.69 0.00	230.79 16.10 0.00	207.64 15.22 0.00	187.72 15.05 0.00	177.08 14.26 0.00	202.70 15.70 0.00	215.21 15.73 0.00	552.97 41.49 0.00	253.16 18.10 0.00	190.87 13.72 0.00	192.85 14.58 0.00	197.21 15.53 0.00	199.88 14.56 0.00	205.15 14.48 0.00
NUCOR_STEEL___DRP 24197	153.97 -1.19 0.00	157.22 -0.91 0.00	169.51 -1.01 0.00	173.13 -1.15 0.00	181.81 -1.06 0.00	162.58 -0.08 0.00	196.46 0.72 0.00	269.89 0.60 0.00	216.46 0.81 0.00	193.39 0.69 0.00	229.71 -0.19 0.00	214.22 -0.46 0.00	192.04 -0.39 0.00	172.47 -0.20 0.00	161.84 -0.98 0.00	185.95 -1.06 0.00	198.20 -1.28 0.00	509.81 -1.66 0.00	234.71 -0.36 0.00	176.85 -0.31 0.00	177.87 -0.40 0.00	180.75 -0.94 0.00	183.90 -1.42 0.00	190.06 -0.62 0.00
NUMBER_THREE_WT_PWR 323818	155.51 0.35 0.00	157.88 -0.25 0.00	170.51 -0.01 0.00	174.90 0.63 0.00	183.43 0.56 0.00	164.46 1.80 0.00	198.26 2.52 0.00	275.34 6.05 0.00	217.07 1.41 0.00	193.93 1.23 0.00	235.07 5.17 0.00	217.19 2.50 0.00	195.07 2.64 0.00	176.80 4.13 0.00	167.26 4.44 0.00	194.48 7.48 0.00	209.35 9.87 0.00	538.86 27.39 0.00	247.92 12.86 0.00	186.20 9.04 0.00	186.33 8.06 0.00	183.59 1.91 0.00	184.23 -1.09 0.00	192.88 2.20 0.00
NYISO_LBMP_REFERENCE 24008	155.16 0.00 0.00	158.13 0.00 0.00	170.52 0.00 0.00	174.27 0.00 0.00	182.87 0.00 0.00	162.66 0.00 0.00	195.74 0.00 0.00	269.29 0.00 0.00	215.66 0.00 0.00	192.70 0.00 0.00	229.90 0.00 0.00	214.68 0.00 0.00	192.42 0.00 0.00	172.67 0.00 0.00	162.82 0.00 0.00	187.00 0.00 0.00	199.48 0.00 0.00	511.48 0.00 0.00	235.06 0.00 0.00	177.16 0.00 0.00	178.27 0.00 0.00	181.69 0.00 0.00	185.32 0.00 0.00	190.67 0.00 0.00

NYPA_BRENTWD____GT 24164	155.78 14.43 13.81	164.07 11.71 5.76	179.77 9.25 0.00	185.43 11.46 0.31	194.90 12.53 0.50	175.57 14.01 1.10	206.02 16.29 6.01	284.68 20.62 5.22	234.32 19.62 0.95	210.22 18.72 1.21	239.65 17.86 8.11	241.07 18.88 -7.51	214.94 19.43 -3.08	197.30 19.39 -5.24	191.76 18.43 -10.50	219.06 20.54 -11.52	230.46 19.75 -11.24	424.93 32.40 118.94	254.70 17.11 -2.54	208.66 16.69 -14.81	206.01 15.77 -11.97	199.09 17.01 -0.39	187.95 16.20 13.57	193.95 13.76 10.48
NYPA_GOWANUS____GT5 24156	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1015.43 15.56 -769.97	826.55 16.54 -595.32	941.60 18.25 -730.93	876.57 18.24 -685.66	906.93 16.91 -727.21	1360.16 18.91 -1154.25	823.72 17.55 -606.70	1769.03 39.39 -1218.16	730.08 16.98 -478.05	1499.16 15.08 -1306.93	1568.99 14.69 -1376.04	825.70 15.13 -628.88	676.99 14.34 -477.33	412.97 12.99 -209.31
NYPA_GOWANUS____GT6 24157	403.71 11.79 -236.76	376.89 10.81 -207.95	355.02 10.27 -174.23	314.48 10.29 -129.91	314.56 11.39 -120.30	320.51 12.41 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.83 16.06 -634.11	1062.32 16.05 -853.57	1015.43 15.56 -769.97	826.55 16.54 -595.32	941.60 18.25 -730.93	876.57 18.24 -685.66	906.93 16.91 -727.21	1360.16 18.91 -1154.25	823.72 17.55 -606.70	1769.03 39.39 -1218.16	730.08 16.98 -478.05	1499.16 15.08 -1306.93	1568.99 14.69 -1376.04	825.70 15.13 -628.88	676.99 14.34 -477.33	412.97 12.99 -209.31
NYPA_HARLEM__RVR__GT1 24160	165.52 10.35 0.00	167.30 9.18 0.00	178.99 8.46 0.00	182.94 8.66 0.00	192.53 9.66 0.00	173.41 10.75 0.00	208.93 13.19 0.00	285.95 16.66 0.00	230.55 14.89 0.00	207.51 14.81 0.00	243.51 13.61 0.00	229.59 14.90 0.00	209.59 16.81 -0.36	189.11 16.43 -0.01	177.97 15.14 0.00	203.91 16.91 0.00	214.83 15.35 0.00	546.68 35.20 0.00	249.97 14.91 0.00	190.79 13.64 0.00	191.34 13.08 0.00	195.33 13.64 0.00	197.98 12.66 0.00	201.80 11.12 0.00
NYPA_HARLEM__RVR__GT2 24161	165.52 10.35 0.00	167.30 9.18 0.00	178.99 8.46 0.00	182.94 8.66 0.00	192.53 9.66 0.00	173.41 10.75 0.00	208.93 13.19 0.00	285.95 16.66 0.00	230.55 14.89 0.00	207.51 14.81 0.00	243.51 13.61 0.00	229.59 14.90 0.00	209.59 16.81 -0.36	189.11 16.43 -0.01	177.97 15.14 0.00	203.91 16.91 0.00	214.83 15.35 0.00	546.68 35.20 0.00	249.97 14.91 0.00	190.79 13.64 0.00	191.34 13.08 0.00	195.33 13.64 0.00	197.98 12.66 0.00	201.80 11.12 0.00
NYPA_KENT____GT 24152	303.25 11.27 -136.82	287.95 10.27 -119.55	280.45 9.65 -100.28	258.68 9.64 -74.77	262.82 10.71 -69.24	258.20 11.83 -83.71	432.93 14.14 -223.04	700.35 17.73 -413.33	595.97 15.35 -364.96	699.56 15.59 -491.28	687.63 14.82 -442.90	573.09 15.77 -342.64	537.01 17.63 -326.95	547.63 17.73 -357.23	518.92 16.56 -339.54	866.38 18.36 -661.01	438.36 17.07 -221.81	613.75 37.72 -64.55	321.70 16.17 -70.47	322.72 14.53 -131.03	443.65 14.19 -251.19	426.83 14.63 -230.51	473.77 13.72 -274.73	323.47 12.32 -120.47
NYPA_POUCH1____GT 24155	403.48 11.56 -236.76	376.75 10.68 -207.95	354.99 10.24 -174.23	314.48 10.29 -129.91	314.51 11.34 -120.30	320.40 12.31 -145.44	597.92 14.65 -387.53	1005.59 18.17 -718.14	865.44 15.67 -634.11	1061.70 15.43 -853.57	1014.35 14.98 -769.47	826.11 16.10 -595.32	755.70 17.77 -545.51	801.94 17.81 -611.46	743.25 16.39 -564.04	1353.24 18.55 -1147.69	571.66 17.05 -355.13	510.68 38.19 38.99	325.37 16.47 -73.83	272.00 14.68 -80.16	500.54 14.25 -308.02	565.57 14.59 -369.30	676.59 13.95 -477.33	412.57 12.59 -209.31
NYPA_VERNON____GT2 24162	202.80 10.77 -36.87	199.06 9.77 -31.16	205.88 9.03 -26.33	202.98 9.07 -19.63	211.15 10.10 -18.18	195.90 11.26 -21.98	267.76 13.46 -58.56	394.56 16.76 -108.51	326.13 14.66 -95.82	336.79 15.11 -128.98	360.31 14.12 -116.28	319.68 15.03 -89.96	296.92 16.99 -87.50	284.48 17.19 -94.63	275.68 16.21 -96.65	378.40 17.80 -173.59	276.15 16.54 -60.13	573.96 36.05 -26.43	271.98 15.37 -21.55	234.79 13.97 -43.66	265.99 13.71 -74.00	258.33 14.16 -62.48	270.55 13.11 -72.13	233.96 11.66 -31.63
NYPA_VERNON____GT3 24163	202.80 10.77 -36.87	199.06 9.77 -31.16	205.88 9.03 -26.33	202.98 9.07 -19.63	211.15 10.10 -18.18	195.90 11.26 -21.98	267.76 13.46 -58.56	394.56 16.76 -108.51	326.13 14.66 -95.82	336.79 15.11 -128.98	360.31 14.12 -116.28	319.68 15.03 -89.96	296.92 16.99 -87.50	284.48 17.19 -94.63	275.68 16.21 -96.65	378.40 17.80 -173.59	276.15 16.54 -60.13	573.96 36.05 -26.43	271.98 15.37 -21.55	234.79 13.97 -43.66	265.99 13.71 -74.00	258.33 14.16 -62.48	270.55 13.11 -72.13	233.96 11.66 -31.63
NYPA__ASTORIA_CC1 323568	165.79 10.62 0.00	167.65 9.53 0.00	179.31 8.78 0.00	183.08 8.81 0.00	192.68 9.81 0.00	173.72 11.06 0.00	208.81 13.07 0.00	285.51 16.22 0.00	229.91 14.25 0.00	207.54 14.83 0.00	243.60 13.70 0.00	229.29 14.60 0.00	209.48 16.69 -0.36	189.91 16.92 -0.33	186.35 15.96 -7.57	204.49 17.49 0.00	215.62 16.15 0.00	546.43 34.95 0.00	250.00 14.94 0.00	190.84 13.69 0.00	191.70 13.43 0.00	195.53 13.85 0.00	198.10 12.78 0.00	202.00 11.32 0.00
NYPA__ASTORIA_CC2 323569	165.79 10.62 0.00	167.65 9.53 0.00	179.31 8.78 0.00	183.08 8.81 0.00	192.68 9.81 0.00	173.72 11.06 0.00	208.81 13.07 0.00	285.51 16.22 0.00	229.91 14.25 0.00	207.54 14.83 0.00	243.60 13.70 0.00	229.29 14.60 0.00	209.48 16.69 -0.36	189.91 16.92 -0.33	186.35 15.96 -7.57	204.49 17.49 0.00	215.62 16.15 0.00	546.43 34.95 0.00	250.00 14.94 0.00	190.84 13.69 0.00	191.70 13.43 0.00	195.53 13.85 0.00	198.10 12.78 0.00	202.00 11.32 0.00
NYPA__HOLTSVILL 23794	152.03 13.44 16.57	161.99 10.75 6.88	178.63 8.11 0.00	184.15 10.25 0.37	193.51 11.24 0.60	174.22 12.89 1.33	203.35 14.79 7.18	280.73 17.92 6.47	230.38 17.73 3.01	206.32 16.89 3.27	235.45 15.54 10.00	236.85 16.67 -5.49	210.57 17.44 -0.70	193.74 17.79 -3.27	188.60 17.00 -8.78	215.53 18.81 -9.71	226.41 17.72 -9.21	410.24 23.82 125.05	249.58 13.70 -0.81	204.50 14.85 -12.49	202.90 14.56 -10.07	195.88 15.51 1.32	183.53 14.93 16.72	190.41 12.26 12.52
NYPA__HELLGATE_GT1 24158	165.52 10.35 0.00	167.30 9.18 0.00	178.99 8.46 0.00	182.94 8.66 0.00	192.53 9.66 0.00	173.41 10.75 0.00	208.93 13.19 0.00	285.95 16.66 0.00	230.55 14.89 0.00	207.51 14.81 0.00	243.51 13.61 0.00	229.59 14.90 0.00	209.59 16.81 -0.36	189.11 16.43 -0.01	177.97 15.14 0.00	203.91 16.91 0.00	214.83 15.35 0.00	546.68 35.20 0.00	249.97 14.91 0.00	190.79 13.64 0.00	191.34 13.08 0.00	195.33 13.64 0.00	197.98 12.66 0.00	201.80 11.12 0.00
NYPA__HELLGATE_GT2 24159	165.52 10.35 0.00	167.30 9.18 0.00	178.99 8.46 0.00	182.94 8.66 0.00	192.53 9.66 0.00	173.41 10.75 0.00	208.93 13.19 0.00	285.95 16.66 0.00	230.55 14.89 0.00	207.51 14.81 0.00	243.51 13.61 0.00	229.59 14.90 0.00	209.59 16.81 -0.36	189.11 16.43 -0.01	177.97 15.14 0.00	203.91 16.91 0.00	214.83 15.35 0.00	546.68 35.20 0.00	249.97 14.91 0.00	190.79 13.64 0.00	191.34 13.08 0.00	195.33 13.64 0.00	197.98 12.66 0.00	201.80 11.12 0.00
NYS_BARGE__HYD 23848	139.11 -16.05 0.00	143.21 -14.92 0.00	154.22 -16.30 0.00	157.46 -16.82 0.00	165.54 -17.33 0.00	149.08 -13.58 0.00	175.70 -20.04 0.00	243.82 -25.46 0.00	196.82 -18.84 0.00	174.84 -17.86 0.00	210.09 -19.80 0.00	195.30 -19.38 0.00	174.71 -17.72 0.00	154.12 -17.72 0.83	136.74 -17.79 8.30	162.84 -21.18 2.97	176.06 -22.68 0.73	464.20 -47.27 0.00	213.67 -21.40 -0.01	158.42 -18.75 -0.01	152.63 -18.42 7.22	143.71 -20.75 17.23	165.22 -20.10 0.00	173.76 -16.92 0.00

OAK ORCHARD___HYD 24046	147.79 -7.37 0.00	151.35 -6.77 0.00	163.11 -7.42 0.00	166.66 -7.62 0.00	174.99 -7.87 0.00	157.00 -5.66 0.00	187.49 -8.25 0.00	259.36 -9.92 0.00	208.51 -7.14 0.00	185.43 -7.27 0.00	221.77 -8.13 0.00	206.44 -8.25 0.00	185.02 -7.40 0.00	165.15 -7.53 -0.01	155.22 -7.71 -0.11	177.97 -9.09 -0.06	189.94 -9.56 -0.02	493.11 -18.36 0.00	226.89 -8.17 0.00	169.46 -7.70 0.00	170.91 -7.46 -0.10	173.18 -8.94 -0.43	176.40 -8.92 0.00	183.39 -7.29 0.00
OAKDALE___35_KV_LOAD 356122	154.33 -0.83 0.00	157.78 -0.35 0.00	170.14 -0.38 0.00	173.71 -0.57 0.00	182.20 -0.67 0.00	163.08 0.42 0.00	195.99 0.25 0.00	269.15 -0.13 0.00	215.85 0.19 0.00	192.92 0.22 0.00	229.48 -0.42 0.00	214.74 0.05 0.00	192.68 0.25 0.00	173.56 0.88 0.00	163.47 0.65 0.00	187.59 0.59 0.00	199.17 -0.31 0.00	511.48 0.00 0.00	235.33 0.27 0.00	177.32 0.16 0.00	178.51 0.24 0.00	181.72 0.03 0.00	185.01 -0.31 0.00	190.90 0.22 0.00
OCC_CHEM___DRP 24175	137.61 -17.55 0.00	141.55 -16.58 0.00	152.47 -18.05 0.00	155.70 -18.57 0.00	163.51 -19.36 0.00	147.10 -15.55 0.00	173.44 -22.30 0.00	240.35 -28.93 0.00	193.76 -21.89 0.00	172.18 -20.52 0.00	207.28 -22.62 0.00	192.53 -22.16 0.00	172.13 -20.30 0.00	151.51 -20.15 1.01	133.05 -19.68 10.10	159.49 -23.65 3.86	173.15 -25.32 1.01	456.60 -54.88 0.00	210.14 -24.93 0.00	155.64 -21.51 0.00	148.94 -20.52 8.81	136.16 -22.61 22.91	162.62 -22.70 0.00	171.38 -19.29 0.00
OH_GEN_PROXY 24063	139.30 -15.86 0.00	143.27 -14.86 0.00	154.29 -16.23 0.00	157.58 -16.70 0.00	165.41 -17.46 0.00	148.76 -13.90 0.00	284.68 -19.86 -108.80	243.67 -25.62 0.00	196.33 -19.32 0.00	174.39 -18.32 0.00	217.31 -20.15 -7.55	195.04 -19.65 0.00	174.43 -17.99 0.00	153.96 -17.84 0.88	136.22 -17.80 8.80	162.50 -21.09 3.41	176.18 -22.40 0.90	463.19 -48.28 0.00	213.10 -21.96 0.00	158.02 -19.13 0.00	152.02 -18.57 7.68	140.85 -20.54 20.30	165.31 -20.01 0.00	173.63 -17.04 0.00
OLIN_CORP_DRP 24177	137.35 -17.81 0.00	141.39 -16.74 0.00	152.20 -18.33 0.00	155.36 -18.91 0.00	163.34 -19.53 0.00	147.02 -15.64 0.00	173.00 -22.74 0.00	240.07 -29.22 0.00	193.72 -21.94 0.00	172.20 -20.50 0.00	207.05 -22.85 0.00	192.46 -22.22 0.00	172.13 -20.30 0.00	151.43 -20.24 1.00	132.52 -20.27 10.03	159.23 -23.99 3.78	172.82 -25.68 0.98	456.34 -55.14 0.00	210.09 -24.98 0.00	155.71 -21.45 0.00	148.23 -21.30 8.74	135.42 -23.94 22.32	162.48 -22.84 0.00	171.38 -19.30 0.00
OLIN_CORP_DSASP 323712	137.54 -17.63 0.00	141.51 -16.61 0.00	152.47 -18.05 0.00	155.70 -18.57 0.00	163.46 -19.41 0.00	147.02 -15.64 0.00	173.45 -22.29 0.00	240.16 -29.12 0.00	193.71 -21.95 0.00	172.12 -20.58 0.00	207.28 -22.62 0.00	192.49 -22.20 0.00	172.14 -20.28 0.00	151.51 -20.15 1.01	133.07 -19.65 10.10	159.50 -23.64 3.86	173.15 -25.32 1.01	456.51 -54.97 0.00	210.07 -24.99 0.00	155.61 -21.55 0.00	149.09 -20.37 8.81	136.49 -22.29 22.91	162.67 -22.65 0.00	171.33 -19.34 0.00
ONEIDA_HERK_LFGE 323681	158.38 3.22 0.00	161.21 3.08 0.00	173.92 3.40 0.00	178.09 3.82 0.00	186.89 4.03 0.00	167.25 4.59 0.00	201.79 6.05 0.00	278.82 9.53 0.00	221.93 6.27 0.00	198.14 5.44 0.00	237.35 7.46 0.00	220.33 5.65 0.00	197.72 5.30 0.00	178.30 5.63 0.00	168.32 5.50 0.00	194.43 7.43 0.00	208.36 8.88 0.00	535.76 24.28 0.00	246.23 11.17 0.00	185.25 8.09 0.00	185.93 7.66 0.00	186.72 5.04 0.00	188.96 3.64 0.00	195.69 5.02 0.00
ONEIDA___115KV_TB4 55905	159.57 4.41 0.00	162.92 4.79 0.00	175.65 5.13 0.00	179.63 5.36 0.00	188.61 5.74 0.00	168.75 6.09 0.00	203.66 7.92 0.00	280.69 11.41 0.00	224.65 9.00 0.00	200.20 7.50 0.00	237.86 7.96 0.00	221.21 6.53 0.00	198.12 5.69 0.00	178.25 5.59 0.00	168.04 5.22 0.00	193.54 6.54 0.00	207.36 7.88 0.00	533.37 21.90 0.00	244.92 9.86 0.00	184.30 7.14 0.00	185.37 7.10 0.00	187.85 6.17 0.00	190.85 5.53 0.00	196.57 5.90 0.00
ONONDAGA_REF_OCCRA 23987	153.67 -1.49 0.00	156.80 -1.33 0.00	169.03 -1.49 0.00	172.72 -1.56 0.00	181.27 -1.60 0.00	162.01 -0.65 0.00	195.04 -0.70 0.00	267.98 -1.31 0.00	214.86 -0.79 0.00	192.05 -0.65 0.00	228.25 -1.65 0.00	213.06 -1.62 0.00	191.23 -1.19 0.00	171.85 -0.82 0.00	161.78 -1.04 0.00	185.90 -1.10 0.00	198.14 -1.33 0.00	508.73 -2.74 0.00	234.11 -0.95 0.00	176.52 -0.63 0.00	177.61 -0.65 0.00	180.52 -1.17 0.00	183.62 -1.70 0.00	189.27 -1.40 0.00
ONONDAGA___COGEN 23986	153.29 -1.88 0.00	156.38 -1.74 0.00	168.62 -1.90 0.00	172.27 -2.00 0.00	180.84 -2.02 0.00	161.53 -1.13 0.00	194.58 -1.16 0.00	267.17 -2.11 0.00	214.19 -1.47 0.00	191.42 -1.29 0.00	227.35 -2.55 0.00	212.29 -2.39 0.00	190.59 -1.83 0.00	171.20 -1.47 0.00	161.13 -1.70 0.00	185.17 -1.84 0.00	197.44 -2.04 0.00	506.58 -4.89 0.00	233.15 -1.91 0.00	175.94 -1.22 0.00	176.93 -1.34 0.00	179.98 -1.71 0.00	183.03 -2.29 0.00	188.73 -1.95 0.00
ONTARIO___LFGE 23819	151.32 -3.84 0.00	155.05 -3.08 0.00	167.17 -3.35 0.00	170.92 -3.36 0.00	179.57 -3.29 0.00	161.24 -1.42 0.00	193.99 -1.75 0.00	268.38 -0.90 0.00	215.10 -0.55 0.00	191.02 -1.69 0.00	226.88 -3.02 0.00	211.09 -3.59 0.00	188.55 -3.87 0.00	169.89 -3.42 -0.64	165.90 -3.36 -6.44	186.12 -3.34 -2.46	196.44 -3.68 -0.64	507.54 -3.93 0.00	234.10 -0.97 0.00	175.54 -1.62 0.00	182.28 -1.66 -5.67	193.83 -2.47 -14.61	182.14 -3.18 0.00	189.46 -1.22 0.00
ORANGEVILLE_WT_PWR 323706	141.93 -13.23 0.00	146.23 -11.90 0.00	158.05 -12.47 0.00	161.66 -12.62 0.00	170.10 -12.77 0.00	153.35 -9.31 0.00	181.80 -13.94 0.00	251.75 -17.53 0.00	202.44 -13.22 0.00	179.59 -13.11 0.00	214.90 -15.00 0.00	200.00 -14.68 0.00	177.53 -14.89 0.00	153.73 -14.73 4.21	105.75 -14.85 42.22	153.92 -16.94 16.14	177.34 -17.91 4.22	477.53 -33.95 0.00	221.06 -14.00 0.00	163.87 -13.28 0.00	128.55 -12.89 36.83	71.40 -14.50 95.79	171.07 -14.25 0.00	179.25 -11.42 0.00
ORANGEVILLE___ESR 323794	141.93 -13.23 0.00	146.23 -11.90 0.00	158.05 -12.47 0.00	161.66 -12.62 0.00	170.10 -12.77 0.00	153.35 -9.31 0.00	181.80 -13.94 0.00	251.75 -17.53 0.00	202.44 -13.22 0.00	179.59 -13.11 0.00	214.90 -15.00 0.00	200.00 -14.68 0.00	177.53 -14.89 0.00	153.73 -14.73 4.21	105.75 -14.85 42.22	153.92 -16.94 16.14	177.34 -17.91 4.22	477.53 -33.95 0.00	221.06 -14.00 0.00	163.87 -13.28 0.00	128.55 -12.89 36.83	71.40 -14.50 95.79	171.07 -14.25 0.00	179.25 -11.42 0.00
OSWEGATCHIE___HYD 24044	156.27 1.11 0.00	158.76 0.63 0.00	171.12 0.59 0.00	175.18 0.90 0.00	183.28 0.41 0.00	162.71 0.05 0.00	194.98 -0.76 0.00	270.74 1.45 0.00	214.25 -1.41 0.00	190.63 -2.07 0.00	231.26 1.36 0.00	214.30 -0.38 0.00	191.40 -1.03 0.00	172.18 -0.49 0.00	162.62 -0.20 0.00	187.97 0.97 0.00	203.02 3.54 0.00	524.08 12.60 0.00	241.37 6.30 0.00	180.72 3.57 0.00	181.25 2.98 0.00	182.24 0.56 0.00	185.37 0.05 0.00	193.28 2.61 0.00
OSWEGO___5 23606	150.32 -4.84 0.00	153.32 -4.80 0.00	165.35 -5.17 0.00	168.93 -5.34 0.00	177.23 -5.63 0.00	158.05 -4.61 0.00	190.06 -5.68 0.00	260.65 -8.63 0.00	209.19 -6.47 0.00	187.19 -5.51 0.00	222.56 -7.34 0.00	207.83 -6.86 0.00	186.70 -5.73 0.00	167.68 -4.99 0.00	157.87 -4.95 0.00	181.22 -5.78 0.00	193.11 -6.36 0.00	494.50 -16.98 0.00	227.49 -7.57 0.00	171.87 -5.29 0.00	172.97 -5.30 0.00	175.99 -5.70 0.00	179.27 -6.05 0.00	184.77 -5.91 0.00

OSWEGO___6 23613	150.32 -4.84 0.00	153.32 -4.80 0.00	165.35 -5.17 0.00	168.93 -5.34 0.00	177.23 -5.63 0.00	158.05 -4.61 0.00	190.06 -5.68 0.00	260.65 -8.63 0.00	209.19 -6.47 0.00	187.19 -5.51 0.00	222.56 -7.34 0.00	207.83 -6.86 0.00	186.70 -5.73 0.00	167.68 -4.99 0.00	157.87 -4.95 0.00	181.22 -5.78 0.00	193.11 -6.36 0.00	494.50 -16.98 0.00	227.49 -7.57 0.00	171.87 -5.29 0.00	172.97 -5.30 0.00	175.99 -5.70 0.00	179.27 -6.05 0.00	184.77 -5.91 0.00
OUTOKUMPU-AB___DRP 24206	141.05 -14.11 0.00	145.15 -12.98 0.00	156.36 -14.16 0.00	159.67 -14.61 0.00	167.74 -15.13 0.00	151.05 -11.61 0.00	178.34 -17.40 0.00	247.53 -21.75 0.00	199.65 -16.00 0.00	177.32 -15.38 0.00	213.28 -16.62 0.00	198.35 -16.33 0.00	177.18 -15.25 0.00	156.17 -15.45 1.05	136.96 -15.36 10.50	164.47 -18.58 3.95	178.48 -19.97 1.02	471.37 -40.10 0.00	217.04 -18.02 0.00	160.69 -16.47 0.00	153.24 -15.88 9.15	140.17 -18.21 23.30	167.64 -17.68 0.00	176.24 -14.43 0.00
OXBOW___BTM 323836	139.55 -15.60 0.00	143.62 -14.51 0.00	154.70 -15.82 0.00	157.99 -16.28 0.00	165.92 -16.94 0.00	149.36 -13.30 0.00	176.28 -19.46 0.00	244.38 -24.90 0.00	197.21 -18.44 0.00	175.14 -17.56 0.00	210.80 -19.10 0.00	195.95 -18.74 0.00	175.16 -17.27 0.00	154.25 -17.39 1.03	135.41 -17.09 10.31	162.45 -20.64 3.91	176.31 -22.15 1.02	465.18 -46.29 0.00	214.09 -20.98 0.00	158.59 -18.56 0.00	151.65 -17.62 8.99	138.85 -19.68 23.16	165.62 -19.70 0.00	174.16 -16.52 0.00
OXBOW____ 24026	139.64 -15.52 0.00	143.62 -14.51 0.00	154.70 -15.82 0.00	158.01 -16.26 0.00	165.94 -16.93 0.00	149.38 -13.28 0.00	176.34 -19.40 0.00	244.55 -24.73 0.00	197.23 -18.43 0.00	175.21 -17.50 0.00	210.79 -19.11 0.00	195.96 -18.73 0.00	175.12 -17.30 0.00	154.25 -17.39 1.03	135.39 -17.12 10.31	162.43 -20.66 3.91	176.29 -22.17 1.02	465.29 -46.19 0.00	214.14 -20.92 0.00	158.62 -18.54 0.00	151.50 -17.78 8.99	138.52 -20.01 23.16	165.56 -19.76 0.00	174.23 -16.45 0.00
OXY_CHEM_DSASP 323612	137.61 -17.55 0.00	141.55 -16.58 0.00	152.47 -18.05 0.00	155.70 -18.57 0.00	163.51 -19.36 0.00	147.10 -15.55 0.00	173.44 -22.30 0.00	240.35 -28.93 0.00	193.76 -21.89 0.00	172.18 -20.52 0.00	207.28 -22.62 0.00	192.53 -22.16 0.00	172.13 -20.30 0.00	151.51 -20.15 1.01	133.05 -19.68 10.10	159.49 -23.65 3.86	173.15 -25.32 1.01	456.60 -54.88 0.00	210.14 -24.93 0.00	155.64 -21.51 0.00	148.94 -20.52 8.81	136.16 -22.61 22.91	162.62 -22.70 0.00	171.38 -19.29 0.00
OZONE_PARK_ESR 323760	166.92 11.76 0.00	169.01 10.88 0.00	180.85 10.33 0.00	184.67 10.40 0.00	194.33 11.46 0.00	175.10 12.44 0.00	211.03 15.29 0.00	289.06 19.78 0.00	232.65 17.00 0.00	209.72 17.02 0.00	246.80 16.90 0.00	232.38 17.69 0.00	211.53 18.74 -0.36	191.38 18.71 0.00	180.47 17.65 0.00	206.58 19.58 0.00	218.18 18.70 0.00	554.01 42.53 0.00	253.62 18.55 0.00	193.12 15.97 0.00	194.11 15.84 0.00	197.99 16.30 0.00	200.45 15.13 0.00	204.44 13.76 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	137.61 -17.55 0.00	141.55 -16.58 0.00	152.47 -18.05 0.00	155.70 -18.57 0.00	163.51 -19.36 0.00	147.10 -15.55 0.00	173.44 -22.30 0.00	240.35 -28.93 0.00	193.76 -21.89 0.00	172.18 -20.52 0.00	207.28 -22.62 0.00	192.53 -22.16 0.00	172.13 -20.30 0.00	151.51 -20.15 1.01	133.05 -19.68 10.10	159.49 -23.65 3.86	173.15 -25.32 1.01	456.60 -54.88 0.00	210.14 -24.93 0.00	155.64 -21.51 0.00	148.94 -20.52 8.81	136.16 -22.61 22.91	162.62 -22.70 0.00	171.38 -19.29 0.00
PACKARD__115KV_DUPONT_184 80571	137.61 -17.55 0.00	141.55 -16.58 0.00	152.47 -18.05 0.00	155.70 -18.57 0.00	163.51 -19.36 0.00	147.10 -15.55 0.00	173.44 -22.30 0.00	240.35 -28.93 0.00	193.76 -21.89 0.00	172.18 -20.52 0.00	207.28 -22.62 0.00	192.53 -22.16 0.00	172.13 -20.30 0.00	151.51 -20.15 1.01	133.05 -19.68 10.10	159.49 -23.65 3.86	173.15 -25.32 1.01	456.60 -54.88 0.00	210.14 -24.93 0.00	155.64 -21.51 0.00	148.94 -20.52 8.81	136.16 -22.61 22.91	162.62 -22.70 0.00	171.38 -19.29 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	165.31 10.15 0.00	167.00 8.87 0.00	178.87 8.34 0.00	182.77 8.49 0.00	192.35 9.48 0.00	173.24 10.58 0.00	208.65 12.91 0.00	285.55 16.26 0.00	230.14 14.48 0.00	207.23 14.53 0.00	243.19 13.29 0.00	229.28 14.60 0.00	209.29 16.50 -0.36	188.90 16.22 -0.01	177.84 15.01 0.00	203.70 16.70 0.00	214.68 15.20 0.00	546.12 34.64 0.00	249.77 14.71 0.00	190.56 13.40 0.00	191.17 12.91 0.00	195.16 13.48 0.00	197.72 12.40 0.00	201.59 10.92 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	166.05 10.88 0.00	167.95 9.82 0.00	180.00 9.48 0.00	183.87 9.60 0.00	193.69 10.82 0.00	174.46 11.80 0.00	210.32 14.58 0.00	287.83 18.54 0.00	231.87 16.21 0.00	208.55 15.85 0.00	244.89 14.99 0.00	231.09 16.40 0.00	211.07 18.28 -0.36	190.14 17.46 -0.01	178.83 16.00 0.00	205.40 18.39 0.00	215.93 16.46 0.00	549.75 38.28 0.00	251.44 16.38 0.00	191.76 14.60 0.00	192.35 14.08 0.00	196.31 14.63 0.00	198.91 13.59 0.00	202.75 12.07 0.00
PATROON__115KV_TB1 80586	160.66 5.50 0.00	163.55 5.43 0.00	176.58 6.06 0.00	180.34 6.07 0.00	189.43 6.56 0.00	169.42 6.76 0.00	203.68 7.94 0.00	278.55 9.26 0.00	224.58 8.93 0.00	201.49 8.79 0.00	238.40 8.50 0.00	222.65 7.97 0.00	200.97 8.55 0.00	181.06 8.39 0.00	169.99 7.17 0.00	194.40 7.40 0.00	205.19 5.71 0.00	523.80 12.32 0.00	239.60 4.54 0.00	181.40 4.24 0.00	182.64 4.37 0.00	187.45 5.77 0.00	191.87 6.55 0.00	196.66 5.99 0.00
PATTRSNVILLE___SOLAR 323815	161.51 6.35 0.00	164.42 6.29 0.00	177.53 7.01 0.00	181.43 7.16 0.00	190.63 7.76 0.00	170.28 7.62 0.00	205.13 9.39 0.00	282.12 12.84 0.00	225.42 9.76 0.00	200.90 8.20 0.00	238.68 8.78 0.00	222.98 8.29 0.00	200.41 7.99 0.00	180.33 7.66 0.00	170.02 7.20 0.00	195.56 8.55 0.00	208.81 9.34 0.00	535.62 24.14 0.00	245.79 10.73 0.00	185.64 8.49 0.00	186.82 8.55 0.00	190.45 8.76 0.00	193.52 8.20 0.00	198.79 8.11 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	143.93 -11.22 0.00	147.96 -10.16 0.00	159.40 -11.12 0.00	162.77 -11.50 0.00	170.86 -12.01 0.00	153.94 -8.72 0.00	182.45 -13.29 0.00	253.13 -16.16 0.00	203.64 -12.02 0.00	180.89 -11.81 0.00	217.27 -12.62 0.00	202.49 -12.19 0.00	180.78 -11.64 0.00	159.97 -11.58 1.12	140.19 -11.43 11.20	168.58 -14.15 4.27	183.20 -15.16 1.11	481.88 -29.59 0.00	221.73 -13.33 0.00	164.48 -12.68 0.00	156.55 -11.94 9.77	142.56 -13.83 25.30	171.98 -13.34 0.00	180.17 -10.51 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	166.42 11.26 0.00	168.87 10.75 0.00	181.23 10.71 0.00	185.22 10.95 0.00	194.89 12.02 0.00	175.31 12.65 0.00	211.28 15.54 0.00	289.63 20.35 0.00	232.98 17.33 0.00	209.39 16.69 0.00	247.02 17.13 0.00	231.72 17.04 0.00	209.85 17.32 -0.10	189.77 17.10 0.00	179.00 16.18 0.00	204.80 17.80 0.00	216.65 17.17 0.00	551.62 40.14 0.00	252.57 17.51 0.00	191.99 14.84 0.00	193.06 14.79 0.00	196.85 15.16 0.00	199.31 13.99 0.00	203.60 12.92 0.00
PEEKSKILL____ 23653	163.75 8.59 0.00	165.95 7.82 0.00	178.00 7.48 0.00	181.81 7.53 0.00	191.36 8.49 0.00	172.06 9.40 0.00	207.11 11.37 0.00	283.56 14.28 0.00	228.03 12.38 0.00	205.21 12.51 0.00	241.82 11.92 0.00	227.21 12.53 0.00	206.43 13.58 -0.43	186.49 13.82 0.00	175.93 13.11 0.00	201.20 14.20 0.00	212.68 13.20 0.00	540.30 28.83 0.00	247.20 12.14 0.00	188.18 11.02 0.00	189.18 10.91 0.00	193.13 11.45 0.00	195.67 10.35 0.00	199.83 9.15 0.00

PGE MADISON___WINDPWR 24146	169.71 14.55 0.00	173.67 15.54 0.00	186.09 15.57 0.00	188.81 14.54 0.00	197.59 14.72 0.00	178.74 16.08 0.00	217.51 21.77 0.00	298.00 28.71 0.00	237.60 21.95 0.00	213.44 20.74 0.00	254.65 24.76 0.00	238.29 23.60 0.00	210.30 17.88 0.00	188.68 15.80 -0.22	181.32 16.32 -2.18	207.45 19.61 -0.83	223.17 23.47 -0.22	576.96 65.49 0.00	263.85 28.79 0.00	197.12 19.96 0.00	199.29 19.11 -1.92	206.34 19.71 -4.95	203.42 18.10 0.00	209.82 19.15 0.00
PIERCEFIELD___HYD 23852	156.95 1.79 0.00	159.70 1.58 0.00	172.02 1.49 0.00	175.99 1.72 0.00	183.42 0.55 0.00	161.31 -1.35 0.00	192.63 -3.11 0.00	267.57 -1.72 0.00	212.61 -3.05 0.00	188.47 -4.23 0.00	228.92 -0.98 0.00	212.49 -2.19 0.00	188.87 -3.56 0.00	168.32 -4.35 0.00	158.87 -3.95 0.00	182.77 -4.24 0.00	198.11 -1.37 0.00	512.78 1.30 0.00	236.56 1.50 0.00	176.56 -0.59 0.00	177.50 -0.77 0.00	181.43 -0.25 0.00	186.94 1.62 0.00	194.08 3.40 0.00
PINELAWN_CC_1 323563	169.36 13.79 -0.41	169.42 11.29 0.00	179.67 9.15 0.00	185.47 11.20 0.00	194.94 12.07 0.00	175.11 12.45 0.00	209.93 14.19 0.00	288.37 17.89 -1.20	242.47 17.19 -9.63	218.74 16.60 -9.44	246.98 15.47 -1.61	249.12 16.54 -17.90	225.06 17.30 -15.34	205.54 17.49 -15.38	198.93 16.71 -19.39	226.27 18.45 -20.81	238.85 17.71 -21.66	451.36 29.45 89.57	261.84 15.39 -11.39	218.88 14.96 -26.76	214.49 14.50 -21.72	206.03 15.12 -9.23	202.17 14.18 -2.68	202.42 11.75 0.00
PJM_GEN_HTP_PROXY 323702	164.92 9.76 0.00	167.40 8.91 -0.37	178.82 8.30 0.00	182.65 8.38 0.00	192.24 9.37 0.00	173.03 10.37 0.00	208.31 12.57 0.00	285.09 15.81 0.00	228.73 13.91 0.84	204.11 14.12 2.70	248.91 13.60 -5.41	229.10 14.41 0.00	208.55 15.76 -0.36	188.59 15.92 0.00	177.84 15.02 0.00	203.44 16.44 0.00	214.92 15.45 0.00	545.41 33.93 0.00	249.54 14.48 0.00	190.11 12.95 0.00	191.10 12.83 0.00	194.99 13.30 0.00	197.52 12.20 0.00	201.61 10.94 0.00
PJM_GEN_KEystone 24065	99.14 -0.85 55.17	157.79 -0.71 -0.37	169.12 -1.40 0.00	172.59 -1.69 0.00	181.27 -1.60 0.00	163.02 0.36 0.00	195.10 -0.64 0.00	266.61 -1.39 1.28	195.55 -0.55 19.55	180.29 -0.12 12.29	233.02 -1.55 -4.67	214.32 -0.37 0.00	192.14 0.78 1.06	174.36 1.88 0.19	162.02 1.61 2.40	187.33 1.04 0.72	198.79 -0.49 0.19	509.47 -2.00 0.00	233.70 -1.36 0.00	176.51 -0.64 0.00	176.32 -0.30 1.65	172.59 -0.36 8.73	175.46 -0.75 9.11	135.19 -0.47 55.01
PJM_GEN_NEPTUNE_PROXY 323594	140.38 12.10 26.89	157.13 9.70 10.69	178.44 7.92 0.01	183.47 9.81 0.61	192.60 10.73 1.00	172.51 12.04 2.20	198.27 14.07 11.54	275.77 17.61 11.13	220.65 16.53 11.53	195.07 16.07 13.70	233.52 15.26 11.64	228.74 16.09 2.04	201.22 16.99 8.19	185.70 17.11 4.09	181.38 16.23 -2.33	207.77 17.80 -2.97	218.12 16.99 -1.65	391.58 30.03 149.92	244.68 15.26 5.64	195.52 14.55 -3.81	195.54 14.28 -2.99	188.82 14.88 7.74	170.85 14.04 28.51	182.59 12.05 20.13
PJM_GEN_VFT_PROXY 323633	163.97 8.81 0.00	166.41 7.91 -0.37	177.73 7.21 0.00	181.55 7.27 0.00	191.10 8.24 0.00	172.07 9.41 0.00	207.09 11.35 0.00	264.69 13.74 18.33	209.96 12.26 17.96	169.60 12.75 35.85	236.52 11.81 5.19	227.72 13.04 0.00	201.57 14.59 5.44	187.62 14.95 0.00	169.48 14.11 7.45	202.49 15.49 0.00	213.89 14.41 0.00	542.63 31.15 0.00	248.26 13.20 0.00	189.12 11.96 0.00	190.11 11.84 0.00	194.03 12.35 0.00	196.62 11.30 0.00	200.57 9.89 0.00
PLATSBURG_115KV_PMLD1 355749	156.16 1.00 0.00	157.80 -0.33 0.00	169.97 -0.56 0.00	173.65 -0.62 0.00	181.48 -1.38 0.00	161.98 -0.68 0.00	195.89 0.15 0.00	270.92 1.63 0.00	216.94 1.28 0.00	193.26 0.56 0.00	230.77 0.87 0.00	214.53 -0.15 0.00	191.19 -1.23 0.00	170.29 -2.38 0.00	161.24 -1.58 0.00	186.05 -0.95 0.00	201.01 1.53 0.00	521.43 9.95 0.00	239.97 4.91 0.00	179.63 2.47 0.00	180.85 2.58 0.00	183.59 1.90 0.00	187.28 1.96 0.00	193.22 2.55 0.00
PLEASANTVLY___LBMP 24000	163.09 7.93 0.00	165.46 7.33 0.00	177.70 7.18 0.00	181.55 7.28 0.00	190.96 8.09 0.00	171.48 8.82 0.00	206.35 10.61 0.00	282.53 13.24 0.00	227.25 11.60 0.00	204.30 11.60 0.00	241.20 11.30 0.00	226.20 11.52 0.00	205.07 12.50 -0.14	185.40 12.73 0.00	174.87 12.05 0.00	199.93 12.92 0.00	211.30 11.83 0.00	537.38 25.90 0.00	245.91 10.86 0.00	186.99 9.83 0.00	188.07 9.80 0.00	192.11 10.42 0.00	194.81 9.50 0.00	199.13 8.46 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	164.44 9.28 0.00	166.65 8.53 0.00	178.71 8.19 0.00	182.55 8.28 0.00	192.11 9.24 0.00	172.73 10.07 0.00	207.98 12.24 0.00	284.83 15.54 0.00	229.24 13.58 0.00	206.27 13.57 0.00	243.21 13.31 0.00	228.34 13.66 0.00	207.40 14.70 -0.27	187.51 14.85 0.00	176.89 14.07 0.00	202.35 15.35 0.00	213.81 14.33 0.00	543.11 31.64 0.00	248.60 13.53 0.00	189.23 12.07 0.00	190.25 11.98 0.00	194.18 12.50 0.00	196.68 11.36 0.00	200.90 10.22 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	164.44 9.28 0.00	166.65 8.53 0.00	178.71 8.19 0.00	182.55 8.28 0.00	192.11 9.24 0.00	172.73 10.07 0.00	207.98 12.24 0.00	284.83 15.54 0.00	229.24 13.58 0.00	206.27 13.57 0.00	243.21 13.31 0.00	228.34 13.66 0.00	207.40 14.70 -0.27	187.51 14.85 0.00	176.89 14.07 0.00	202.35 15.35 0.00	213.81 14.33 0.00	543.11 31.64 0.00	248.60 13.53 0.00	189.23 12.07 0.00	190.25 11.98 0.00	194.18 12.50 0.00	196.68 11.36 0.00	200.90 10.22 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	164.97 9.81 0.00	167.39 9.27 0.00	179.91 9.38 0.00	183.87 9.60 0.00	193.34 10.47 0.00	173.69 11.03 0.00	209.32 13.58 0.00	286.92 17.63 0.00	230.75 15.09 0.00	207.29 14.58 0.00	244.84 14.94 0.00	229.43 14.74 0.00	207.51 15.09 0.00	187.74 15.07 0.00	177.09 14.27 0.00	202.59 15.59 0.00	214.30 14.82 0.00	545.93 34.45 0.00	249.99 14.93 0.00	189.94 12.79 0.00	190.90 12.64 0.00	194.78 13.09 0.00	197.44 12.12 0.00	201.84 11.17 0.00
POLETTI___ 23519	164.83 9.67 0.00	166.84 8.72 0.00	178.31 7.79 0.00	182.09 7.81 0.00	191.61 8.74 0.00	172.59 9.93 0.00	207.73 11.99 0.00	284.26 14.98 0.00	228.90 13.24 0.00	206.42 13.71 0.00	242.77 12.87 0.00	228.53 13.85 0.00	208.22 15.44 -0.36	188.40 15.73 0.00	177.67 14.85 0.00	203.24 16.24 0.00	214.62 15.14 0.00	544.44 32.96 0.00	249.19 14.13 0.00	189.81 12.66 0.00	190.81 12.54 0.00	194.71 13.03 0.00	197.22 11.90 0.00	201.15 10.47 0.00
POMONA___ESR 323819	163.26 8.10 0.00	165.50 7.38 0.00	177.56 7.04 0.00	181.38 7.10 0.00	190.98 8.12 0.00	171.75 9.09 0.00	206.73 10.99 0.00	283.00 13.72 0.00	227.41 11.75 0.00	204.51 11.81 0.00	241.05 11.15 0.00	226.48 11.80 0.00	204.62 12.79 0.60	185.70 13.03 0.00	175.26 12.44 0.00	200.45 13.45 0.00	211.97 12.49 0.00	538.61 27.13 0.00	246.39 11.33 0.00	187.57 10.41 0.00	188.57 10.30 0.00	192.50 10.82 0.00	194.95 9.63 0.00	199.10 8.43 0.00
PORT_JEFF_3 23555	152.30 13.44 16.29	161.96 10.60 6.77	177.96 7.44 0.00	183.33 9.42 0.37	192.68 10.40 0.59	173.62 12.27 1.31	202.37 13.70 7.06	279.53 16.59 6.35	229.89 17.03 2.80	205.92 16.28 3.07	234.93 14.83 9.81	236.33 15.95 -5.70	210.19 16.83 -0.94	193.38 17.25 -3.47	188.23 16.46 -8.95	215.09 18.20 -9.89	225.96 17.06 -9.41	409.08 22.08 124.47	248.87 12.82 -0.98	204.15 14.27 -12.72	202.55 14.02 -10.26	195.46 14.93 1.15	183.18 14.27 16.41	189.55 11.19 12.32

PORT_JEFF_4 23616	152.30 13.44 16.29	161.96 10.60 6.77	177.96 7.44 0.00	183.33 9.42 0.37	192.68 10.40 0.59	173.62 12.27 1.31	202.37 13.70 7.06	279.53 16.59 6.35	229.89 17.03 2.80	205.92 16.28 3.07	234.93 14.83 9.81	236.33 15.95 -5.70	210.19 16.83 -0.94	193.38 17.25 -3.47	188.23 16.46 -8.95	215.09 18.20 -9.89	225.96 17.06 -9.41	409.08 22.08 124.47	248.87 12.82 -0.98	204.15 14.27 -12.72	202.55 14.02 -10.26	195.46 14.93 1.15	183.18 14.27 16.41	189.55 11.19 12.32
PORT_JEFF_IC 23713	152.94 13.65 15.87	162.54 11.02 6.60	178.55 8.03 0.00	183.98 10.06 0.35	193.04 10.75 0.58	174.25 12.87 1.27	203.02 14.17 6.89	280.36 17.22 6.15	231.08 17.91 2.49	207.15 17.20 2.75	236.23 15.85 9.52	237.62 16.93 -6.00	211.44 17.71 -1.30	194.49 18.05 -3.77	189.24 17.20 -9.21	216.29 19.12 -10.17	227.26 18.06 -9.72	413.23 25.30 123.55	250.24 13.93 -1.25	205.36 15.13 -13.08	203.69 14.87 -10.55	196.63 15.84 0.89	184.38 14.98 15.92	190.31 11.64 12.00
PPL PILGRIM_ST_GT1 24216	155.78 14.43 13.81	164.07 11.71 5.76	179.77 9.25 0.00	185.43 11.46 0.31	194.90 12.53 0.50	175.57 14.01 1.10	206.02 16.29 6.01	284.68 20.62 5.22	234.32 19.62 0.95	210.22 18.72 1.21	239.65 17.86 8.11	241.07 18.88 -7.51	214.94 19.43 -3.08	197.30 19.39 -5.24	191.76 18.43 -10.50	219.06 20.54 -11.52	230.46 19.75 -11.24	424.93 32.40 118.94	254.70 17.11 -2.54	208.66 16.69 -14.81	206.01 15.77 -11.97	199.09 17.01 -0.39	187.95 16.20 13.57	193.95 13.76 10.48
PPL PILGRIM_ST_GT2 24217	155.78 14.43 13.81	164.07 11.71 5.76	179.77 9.25 0.00	185.43 11.46 0.31	194.90 12.53 0.50	175.57 14.01 1.10	206.02 16.29 6.01	284.68 20.62 5.22	234.32 19.62 0.95	210.22 18.72 1.21	239.65 17.86 8.11	241.07 18.88 -7.51	214.94 19.43 -3.08	197.30 19.39 -5.24	191.76 18.43 -10.50	219.06 20.54 -11.52	230.46 19.75 -11.24	424.93 32.40 118.94	254.70 17.11 -2.54	208.66 16.69 -14.81	206.01 15.77 -11.97	199.09 17.01 -0.39	187.95 16.20 13.57	193.95 13.76 10.48
PPL_SHRM_GT3 24213	154.73 15.69 16.12	164.54 13.11 6.70	181.12 10.60 0.00	186.75 12.84 0.36	196.39 14.10 0.59	176.99 15.63 1.30	207.13 18.38 7.00	285.55 22.54 6.27	234.89 21.91 2.68	207.60 17.84 2.94	235.48 15.28 9.69	236.22 15.71 -5.82	210.06 16.55 -1.09	193.48 17.22 -3.59	188.48 16.60 -9.06	215.46 18.45 -10.00	225.55 16.54 -9.54	403.01 15.63 124.10	245.59 9.44 -1.09	201.83 11.81 -12.86	202.09 13.45 -10.38	196.19 15.54 1.05	187.30 18.19 16.21	193.80 15.31 12.19
PPL_SHRM_GT4 24214	154.73 15.69 16.12	164.54 13.11 6.70	181.12 10.60 0.00	186.75 12.84 0.36	196.39 14.10 0.59	176.99 15.63 1.30	207.13 18.38 7.00	285.55 22.54 6.27	234.89 21.91 2.68	207.60 17.84 2.94	235.48 15.28 9.69	236.22 15.71 -5.82	210.06 16.55 -1.09	193.48 17.22 -3.59	188.48 16.60 -9.06	215.46 18.45 -10.00	225.55 16.54 -9.54	403.01 15.63 124.10	245.59 9.44 -1.09	201.83 11.81 -12.86	202.09 13.45 -10.38	196.19 15.54 1.05	187.30 18.19 16.21	193.80 15.31 12.19
PROJECT___ORANGE 1 24174	152.33 -2.83 0.00	155.42 -2.71 0.00	167.60 -2.93 0.00	171.21 -3.06 0.00	179.73 -3.13 0.00	160.57 -2.09 0.00	193.23 -2.51 0.00	265.49 -3.79 0.00	212.94 -2.72 0.00	190.36 -2.35 0.00	226.27 -3.63 0.00	211.30 -3.39 0.00	189.70 -2.73 0.00	170.46 -2.21 0.00	160.47 -2.35 0.00	184.28 -2.73 0.00	196.40 -3.08 0.00	503.90 -7.58 0.00	231.81 -3.25 0.00	174.79 -2.37 0.00	175.88 -2.39 0.00	178.79 -2.89 0.00	181.92 -3.40 0.00	187.54 -3.14 0.00
PROJECT___ORANGE 2 24166	152.33 -2.83 0.00	155.42 -2.71 0.00	167.60 -2.93 0.00	171.21 -3.06 0.00	179.73 -3.13 0.00	160.57 -2.09 0.00	193.23 -2.51 0.00	265.49 -3.79 0.00	212.94 -2.72 0.00	190.36 -2.35 0.00	226.27 -3.63 0.00	211.30 -3.39 0.00	189.70 -2.73 0.00	170.46 -2.21 0.00	160.47 -2.35 0.00	184.28 -2.73 0.00	196.40 -3.08 0.00	503.90 -7.58 0.00	231.81 -3.25 0.00	174.79 -2.37 0.00	175.88 -2.39 0.00	178.79 -2.89 0.00	181.92 -3.40 0.00	187.54 -3.14 0.00
PUCKETT___SOLAR 323809	157.60 2.44 0.00	161.44 3.31 0.00	173.93 3.41 0.00	177.57 3.29 0.00	186.09 3.23 0.00	167.20 4.54 0.00	201.55 5.81 0.00	276.64 7.36 0.00	221.54 5.89 0.00	198.08 5.38 0.00	235.68 5.78 0.00	220.37 5.69 0.00	196.81 4.39 0.00	176.76 4.09 0.00	166.94 4.12 0.00	192.10 5.10 0.00	205.22 5.75 0.00	528.74 17.27 0.00	243.21 8.15 0.00	182.67 5.51 0.00	183.50 5.23 0.00	186.91 5.22 0.00	189.98 4.66 0.00	195.98 5.30 0.00
PYRITES___HYD 24023	159.84 4.68 0.00	162.79 4.66 0.00	175.47 4.95 0.00	179.55 5.27 0.00	187.20 4.33 0.00	164.82 2.16 0.00	197.53 1.79 0.00	274.70 5.41 0.00	217.84 2.18 0.00	191.90 -0.80 0.00	232.36 2.46 0.00	215.50 0.82 0.00	191.66 -0.77 0.00	170.20 -2.47 0.00	160.38 -2.44 0.00	184.96 -2.04 0.00	201.94 2.47 0.00	524.41 12.93 0.00	242.12 7.06 0.00	180.61 3.45 0.00	181.38 3.11 0.00	185.15 3.47 0.00	190.71 5.39 0.00	197.82 7.14 0.00
QUAKERRD_115KV_BK1 80622	145.80 -9.36 0.00	149.18 -8.95 0.00	160.80 -9.72 0.00	164.30 -9.98 0.00	172.52 -10.35 0.00	154.69 -7.97 0.00	185.15 -10.59 0.00	255.78 -13.51 0.00	205.45 -10.20 0.00	182.88 -9.83 0.00	218.45 -11.45 0.00	203.50 -11.19 0.00	182.43 -10.00 0.00	163.02 -9.65 0.00	153.19 -9.63 0.00	175.75 -11.25 0.00	187.52 -11.95 0.00	485.84 -25.63 0.00	223.46 -11.60 0.00	167.25 -9.91 0.00	168.35 -9.92 0.00	170.35 -11.34 0.00	173.95 -11.36 0.00	180.58 -10.10 0.00
QUEENSBRY_115KV_TB8 356137	166.19 11.03 0.00	169.20 11.07 0.00	182.62 12.10 0.00	186.59 12.32 0.00	196.26 13.39 0.00	177.09 14.43 0.00	213.67 17.93 0.00	293.02 23.73 0.00	234.32 18.66 0.00	208.95 16.25 0.00	248.54 18.64 0.00	231.72 17.03 0.00	208.31 15.89 0.00	188.46 15.79 0.00	177.78 14.96 0.00	203.48 16.48 0.00	216.03 16.55 0.00	555.19 43.72 0.00	254.20 19.13 0.00	191.63 14.47 0.00	193.71 15.44 0.00	198.14 16.45 0.00	200.73 15.41 0.00	205.99 15.31 0.00
RAMAPO___LBMP 323565	162.66 7.50 0.00	165.01 6.88 0.00	177.06 6.54 0.00	180.87 6.59 0.00	190.43 7.57 0.00	171.17 8.51 0.00	206.01 10.27 0.00	282.02 12.74 0.00	226.67 11.01 0.00	203.77 11.06 0.00	240.16 10.26 0.00	225.64 10.95 0.00	203.87 12.03 0.58	184.99 12.32 0.00	174.52 11.70 0.00	199.66 12.66 0.00	211.12 11.65 0.00	536.54 25.06 0.00	245.45 10.39 0.00	186.83 9.68 0.00	187.85 9.59 0.00	191.79 10.11 0.00	194.27 8.96 0.00	198.49 7.81 0.00
RANKINE____ 23646	142.42 -12.74 0.00	146.49 -11.63 0.00	157.90 -12.63 0.00	161.32 -12.95 0.00	169.56 -13.30 0.00	152.75 -9.91 0.00	180.88 -14.86 0.00	251.06 -18.23 0.00	202.17 -13.48 0.00	179.53 -13.17 0.00	215.65 -14.25 0.00	200.74 -13.95 0.00	178.97 -13.45 0.00	157.65 -13.71 1.32	135.84 -13.77 13.21	165.43 -16.52 5.05	180.69 -17.47 1.32	477.55 -33.93 0.00	219.94 -15.12 0.00	162.84 -14.32 0.00	152.87 -13.87 11.52	135.68 -16.03 29.98	170.00 -15.32 0.00	178.48 -12.19 0.00
RAVENSWOOD_GT2_1 24244	165.09 9.93 0.00	167.16 9.03 0.00	178.89 8.37 0.00	182.70 8.42 0.00	192.31 9.44 0.00	173.16 10.50 0.00	208.41 12.68 0.00	285.10 15.81 0.00	229.47 13.81 0.00	206.96 14.26 0.00	243.37 13.47 0.00	229.07 14.39 0.00	208.80 16.02 -0.36	188.83 16.17 0.00	178.12 15.30 0.00	203.80 16.80 0.00	215.19 15.71 0.00	545.90 34.42 0.00	249.82 14.75 0.00	190.34 13.19 0.00	191.36 13.09 0.00	195.27 13.59 0.00	197.78 12.46 0.00	201.79 11.11 0.00



RAVENSWOOD_GT2_2 24245	165.09 9.93 0.00	167.16 9.03 0.00	178.89 8.37 0.00	182.70 8.42 0.00	192.31 9.44 0.00	173.16 10.50 0.00	208.41 12.68 0.00	285.10 15.81 0.00	229.47 13.81 0.00	206.96 14.26 0.00	243.37 13.47 0.00	229.07 14.39 0.00	208.80 16.02 -0.36	188.83 16.17 0.00	178.12 15.30 0.00	203.80 16.80 0.00	215.19 15.71 0.00	545.90 34.42 0.00	249.82 14.75 0.00	190.34 13.19 0.00	191.36 13.09 0.00	195.27 13.59 0.00	197.78 12.46 0.00	201.79 11.11 0.00
RAVENSWOOD_GT2_3 24246	165.18 10.02 0.00	167.21 9.09 0.00	178.99 8.47 0.00	182.80 8.52 0.00	192.37 9.50 0.00	173.26 10.60 0.00	208.52 12.78 0.00	285.23 15.95 0.00	229.66 14.01 0.00	206.99 14.29 0.00	243.48 13.58 0.00	229.19 14.50 0.00	208.90 16.11 -0.36	188.96 16.29 0.00	178.23 15.41 0.00	203.88 16.88 0.00	215.31 15.83 0.00	546.32 34.85 0.00	250.00 14.94 0.00	190.48 13.32 0.00	191.48 13.21 0.00	195.38 13.69 0.00	197.86 12.54 0.00	201.90 11.22 0.00
RAVENSWOOD_GT2_4 24247	165.18 10.02 0.00	167.21 9.09 0.00	178.99 8.47 0.00	182.80 8.52 0.00	192.37 9.50 0.00	173.26 10.60 0.00	208.52 12.78 0.00	285.23 15.95 0.00	229.66 14.01 0.00	206.99 14.29 0.00	243.48 13.58 0.00	229.19 14.50 0.00	208.90 16.11 -0.36	188.96 16.29 0.00	178.23 15.41 0.00	203.88 16.88 0.00	215.31 15.83 0.00	546.32 34.85 0.00	250.00 14.94 0.00	190.48 13.32 0.00	191.48 13.21 0.00	195.38 13.69 0.00	197.86 12.54 0.00	201.90 11.22 0.00
RAVENSWOOD_GT3_1 24248	165.09 9.93 0.00	167.16 9.03 0.00	178.91 8.38 0.00	182.70 8.42 0.00	192.31 9.44 0.00	173.16 10.50 0.00	208.41 12.68 0.00	285.10 15.81 0.00	229.47 13.81 0.00	206.96 14.26 0.00	243.37 13.47 0.00	229.08 14.40 0.00	208.80 16.02 -0.36	188.83 16.17 0.00	178.12 15.30 0.00	203.80 16.80 0.00	215.20 15.73 0.00	545.90 34.42 0.00	249.82 14.75 0.00	190.34 13.19 0.00	191.36 13.09 0.00	195.27 13.59 0.00	197.78 12.46 0.00	201.80 11.13 0.00
RAVENSWOOD_GT3_2 24249	165.09 9.93 0.00	167.16 9.03 0.00	178.91 8.38 0.00	182.70 8.42 0.00	192.31 9.44 0.00	173.16 10.50 0.00	208.41 12.68 0.00	285.10 15.81 0.00	229.47 13.81 0.00	206.96 14.26 0.00	243.37 13.47 0.00	229.08 14.40 0.00	208.80 16.02 -0.36	188.83 16.17 0.00	178.12 15.30 0.00	203.80 16.80 0.00	215.20 15.73 0.00	545.90 34.42 0.00	249.82 14.75 0.00	190.34 13.19 0.00	191.36 13.09 0.00	195.27 13.59 0.00	197.78 12.46 0.00	201.80 11.13 0.00
RAVENSWOOD_GT3_3 24250	165.33 10.17 0.00	167.37 9.24 0.00	179.16 8.64 0.00	182.99 8.71 0.00	192.58 9.72 0.00	173.43 10.77 0.00	208.73 12.99 0.00	285.57 16.28 0.00	229.90 14.24 0.00	207.34 14.64 0.00	243.83 13.93 0.00	229.56 14.87 0.00	209.19 16.40 -0.36	189.16 16.50 0.00	178.46 15.64 0.00	204.18 17.18 0.00	215.60 16.12 0.00	546.92 35.44 0.00	250.34 15.28 0.00	190.70 13.54 0.00	191.72 13.45 0.00	195.62 13.94 0.00	198.12 12.80 0.00	202.14 11.46 0.00
RAVENSWOOD_GT3_4 24251	165.33 10.17 0.00	167.37 9.24 0.00	179.16 8.64 0.00	182.99 8.71 0.00	192.58 9.72 0.00	173.43 10.77 0.00	208.73 12.99 0.00	285.57 16.28 0.00	229.90 14.24 0.00	207.34 14.64 0.00	243.83 13.93 0.00	229.56 14.87 0.00	209.19 16.40 -0.36	189.16 16.50 0.00	178.46 15.64 0.00	204.18 17.18 0.00	215.60 16.12 0.00	546.92 35.44 0.00	250.34 15.28 0.00	190.70 13.54 0.00	191.72 13.45 0.00	195.62 13.94 0.00	198.12 12.80 0.00	202.14 11.46 0.00
RAVENSWOOD_GT_1 23729	202.78 10.76 -36.87	199.03 9.75 -31.16	205.88 9.03 -26.33	202.98 9.07 -19.63	211.16 10.11 -18.18	195.88 11.25 -21.98	267.76 13.46 -58.56	394.56 16.76 -108.51	326.08 14.61 -95.82	336.81 15.12 -128.98	360.30 14.12 -116.28	319.66 15.01 -89.96	296.94 17.01 -87.50	284.50 17.20 -94.63	275.66 16.19 -96.65	378.43 17.83 -173.59	276.16 16.55 -60.13	574.01 36.10 -26.43	272.00 15.38 -21.55	234.77 13.96 -43.66	266.02 13.74 -74.00	258.39 14.22 -62.48	270.54 13.09 -72.13	233.94 11.64 -31.63
RAVENSWOOD_GT_10 24258	165.06 9.90 0.00	167.11 8.98 0.00	178.84 8.31 0.00	182.68 8.41 0.00	192.29 9.43 0.00	173.14 10.48 0.00	208.41 12.68 0.00	285.10 15.81 0.00	229.47 13.81 0.00	206.89 14.19 0.00	243.37 13.47 0.00	229.11 14.43 0.00	208.79 16.00 -0.36	188.77 16.14 0.03	177.54 15.28 0.56	203.77 16.77 0.00	215.18 15.70 0.00	545.90 34.42 0.00	249.86 14.79 0.00	190.34 13.19 0.00	191.34 13.08 0.00	195.26 13.57 0.00	197.78 12.46 0.00	201.77 11.10 0.00
RAVENSWOOD_GT_11 24259	165.06 9.90 0.00	167.11 8.98 0.00	178.84 8.31 0.00	182.68 8.41 0.00	192.29 9.43 0.00	173.14 10.48 0.00	208.41 12.68 0.00	285.10 15.81 0.00	229.47 13.81 0.00	206.89 14.19 0.00	243.37 13.47 0.00	229.11 14.43 0.00	208.79 16.00 -0.36	188.77 16.14 0.03	177.54 15.28 0.56	203.77 16.77 0.00	215.18 15.70 0.00	545.90 34.42 0.00	249.86 14.79 0.00	190.34 13.19 0.00	191.34 13.08 0.00	195.26 13.57 0.00	197.78 12.46 0.00	201.77 11.10 0.00
RAVENSWOOD_GT_4 24252	192.99 9.76 -28.07	190.76 8.91 -23.73	198.87 8.30 -20.05	197.60 8.38 -14.95	206.05 9.34 -13.84	189.79 10.40 -16.73	252.91 12.58 -44.59	367.59 15.68 -82.63	302.39 13.77 -72.96	305.00 14.08 -98.22	331.89 13.45 -88.54	297.59 14.40 -68.50	272.63 15.87 -64.33	259.26 15.99 -70.60	239.39 15.14 -61.43	335.72 16.62 -132.10	257.66 15.63 -42.55	549.80 34.39 -3.93	261.06 14.79 -11.20	207.73 13.13 -17.44	233.88 13.02 -42.60	239.44 13.53 -44.23	252.62 12.38 -54.92	225.83 11.07 -24.08
RAVENSWOOD_GT_5 24254	192.99 9.76 -28.07	190.76 8.91 -23.73	198.87 8.30 -20.05	197.60 8.38 -14.95	206.05 9.34 -13.84	189.79 10.40 -16.73	252.91 12.58 -44.59	367.59 15.68 -82.63	302.39 13.77 -72.96	305.00 14.08 -98.22	331.89 13.45 -88.54	297.59 14.40 -68.50	272.63 15.87 -64.33	259.26 15.99 -70.60	239.39 15.14 -61.43	335.72 16.62 -132.10	257.66 15.63 -42.55	549.80 34.39 -3.93	261.06 14.79 -11.20	207.73 13.13 -17.44	233.88 13.02 -42.60	239.44 13.53 -44.23	252.62 12.38 -54.92	225.83 11.07 -24.08
RAVENSWOOD_GT_6 24253	192.99 9.76 -28.07	190.76 8.91 -23.73	198.87 8.30 -20.05	197.60 8.38 -14.95	206.05 9.34 -13.84	189.79 10.40 -16.73	252.91 12.58 -44.59	367.59 15.68 -82.63	302.39 13.77 -72.96	305.00 14.08 -98.22	331.89 13.45 -88.54	297.59 14.40 -68.50	272.63 15.87 -64.33	259.26 15.99 -70.60	239.39 15.14 -61.43	335.72 16.62 -132.10	257.66 15.63 -42.55	549.80 34.39 -3.93	261.06 14.79 -11.20	207.73 13.13 -17.44	233.88 13.02 -42.60	239.44 13.53 -44.23	252.62 12.38 -54.92	225.83 11.07 -24.08
RAVENSWOOD_GT_7 24255	192.99 9.76 -28.07	190.76 8.91 -23.73	198.87 8.30 -20.05	197.60 8.38 -14.95	206.05 9.34 -13.84	189.79 10.40 -16.73	252.91 12.58 -44.59	367.59 15.68 -82.63	302.39 13.77 -72.96	305.00 14.08 -98.22	331.89 13.45 -88.54	297.59 14.40 -68.50	272.63 15.87 -64.33	259.26 15.99 -70.60	239.39 15.14 -61.43	335.72 16.62 -132.10	257.66 15.63 -42.55	549.80 34.39 -3.93	261.06 14.79 -11.20	207.73 13.13 -17.44	233.88 13.02 -42.60	239.44 13.53 -44.23	252.62 12.38 -54.92	225.83 11.07 -24.08
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	165.06 9.90 0.00	167.11 8.98 0.00	178.84 8.31 0.00	182.68 8.41 0.00	192.29 9.43 0.00	173.14 10.48 0.00	208.41 12.68 0.00	285.10 15.81 0.00	229.47 13.81 0.00	206.89 14.19 0.00	243.37 13.47 0.00	229.11 14.43 0.00	208.79 16.00 -0.36	188.77 16.14 0.03	177.54 15.28 0.56	203.77 16.77 0.00	215.18 15.70 0.00	545.90 34.42 0.00	249.86 14.79 0.00	190.34 13.19 0.00	191.34 13.08 0.00	195.26 13.57 0.00	197.78 12.46 0.00	201.77 11.10 0.00

RAVENSWOOD_GT_9 24257	165.06 9.90 0.00	167.11 8.98 0.00	178.84 8.31 0.00	182.68 8.41 0.00	192.29 9.43 0.00	173.14 10.48 0.00	208.41 12.68 0.00	285.10 15.81 0.00	229.47 13.81 0.00	206.89 14.19 0.00	243.37 13.47 0.00	229.11 14.43 0.00	208.79 16.00 -0.36	188.77 16.14 0.03	177.54 15.28 0.56	203.77 16.77 0.00	215.18 15.70 0.00	545.90 34.42 0.00	249.86 14.79 0.00	190.34 13.19 0.00	191.34 13.08 0.00	195.26 13.57 0.00	197.78 12.46 0.00	201.77 11.10 0.00
RAVENSWOOD___1 23533	155.80 10.67 10.03	167.80 9.67 0.00	179.48 8.96 0.00	183.21 8.94 0.00	192.85 9.98 0.00	173.81 11.15 0.00	209.04 13.30 0.00	285.82 16.53 0.00	230.12 14.47 0.00	207.71 15.01 0.00	243.90 13.99 -0.01	229.56 14.88 0.00	212.08 16.90 -2.76	191.04 17.09 -1.29	188.63 16.12 -9.68	204.76 17.67 -0.09	219.13 16.40 -3.26	563.38 35.65 -16.26	255.53 15.24 -5.23	206.91 13.88 -15.87	205.68 13.60 -13.82	199.08 14.04 -3.36	198.32 13.00 0.00	202.21 11.53 0.00
RAVENSWOOD___2 23534	165.58 10.42 0.00	167.48 9.35 0.00	179.11 8.59 0.00	182.87 8.59 0.00	192.48 9.62 0.00	173.47 10.81 0.00	208.53 12.80 0.00	284.67 15.39 0.00	228.98 13.33 0.00	206.87 14.17 0.00	242.53 12.63 -0.01	228.15 13.47 0.00	211.13 15.97 -2.74	190.53 16.59 -1.28	188.26 15.80 -9.64	204.38 17.29 -0.09	218.58 15.87 -3.23	560.80 33.20 -16.13	254.16 13.91 -5.19	206.03 13.14 -15.74	205.15 13.18 -13.70	198.65 13.63 -3.33	197.93 12.61 0.00	201.79 11.11 0.00
RAVENSWOOD___3 23535	165.14 9.98 0.00	167.19 9.06 0.00	178.95 8.43 0.00	182.72 8.45 0.00	192.31 9.44 0.00	173.16 10.51 0.00	208.43 12.69 0.00	285.13 15.85 0.00	229.47 13.81 0.00	206.98 14.28 0.00	243.36 13.46 0.00	229.11 14.43 0.00	208.80 16.01 -0.36	188.84 16.17 0.00	178.14 15.32 0.00	203.80 16.80 0.00	215.22 15.74 0.00	545.96 34.48 0.00	249.88 14.81 0.00	190.38 13.22 0.00	191.35 13.08 0.00	195.26 13.57 0.00	197.76 12.44 0.00	201.80 11.13 0.00
RAVENSWOOD___4 23820	129.50 10.63 36.30	137.04 9.60 30.68	153.44 8.84 25.93	163.84 8.90 19.33	174.89 9.92 17.90	152.08 11.06 21.64	151.28 13.21 57.67	178.84 16.42 106.86	135.56 14.26 94.36	80.57 14.88 127.02	129.24 13.85 114.50	140.79 14.69 88.59	126.78 16.72 82.36	98.37 17.00 91.31	101.41 16.05 77.45	33.70 17.53 170.84	160.76 16.30 55.03	541.72 35.33 5.09	235.64 15.06 14.49	168.35 13.75 22.56	136.62 13.44 55.09	138.38 13.89 57.20	127.18 12.89 71.03	170.96 11.43 31.15
RCPI_TRUST___DRP 24196	165.15 9.99 0.00	167.21 9.08 0.00	179.01 8.48 0.00	182.78 8.51 0.00	192.45 9.58 0.00	173.23 10.57 0.00	208.55 12.81 0.00	285.46 16.17 0.00	229.90 14.24 0.00	207.20 14.50 0.00	243.86 13.97 0.00	229.47 14.78 0.00	208.90 16.11 -0.36	188.92 16.25 0.00	178.14 15.32 0.00	203.82 16.82 0.00	215.31 15.83 0.00	546.35 34.87 0.00	249.96 14.89 0.00	190.41 13.25 0.00	191.45 13.18 0.00	195.40 13.71 0.00	197.83 12.51 0.00	201.92 11.24 0.00
RED___ROCHESTER 323720	149.03 -6.13 0.00	152.60 -5.52 0.00	164.40 -6.12 0.00	167.95 -6.33 0.00	176.38 -6.49 0.00	158.35 -4.31 0.00	189.17 -6.57 0.00	261.79 -7.50 0.00	210.49 -5.16 0.00	187.17 -5.54 0.00	223.86 -6.04 0.00	208.49 -6.20 0.00	186.80 -5.62 0.00	166.77 -5.91 -0.01	156.77 -6.14 -0.09	179.76 -7.29 -0.05	191.84 -7.65 -0.02	498.20 -13.28 0.00	229.20 -5.86 0.00	171.23 -5.92 0.00	172.64 -5.70 -0.08	174.73 -7.30 -0.34	178.06 -7.25 0.00	185.04 -5.64 0.00
REGAN___SOLAR 323812	165.96 10.80 0.00	169.03 10.90 0.00	182.60 12.08 0.00	186.65 12.37 0.00	196.19 13.33 0.00	175.47 12.81 0.00	211.83 16.08 0.00	292.44 23.15 0.00	232.32 16.67 0.00	206.11 13.41 0.00	244.74 14.84 0.00	228.11 13.43 0.00	204.50 12.08 0.00	183.45 10.78 0.00	173.33 10.51 0.00	200.29 13.28 0.00	215.65 16.18 0.00	556.76 45.29 0.00	255.90 20.84 0.00	192.93 15.78 0.00	193.90 15.63 0.00	196.97 15.28 0.00	199.89 14.57 0.00	205.38 14.71 0.00
RENSSELAER___COGEN 23796	159.70 4.54 0.00	162.56 4.43 0.00	175.51 4.99 0.00	179.26 4.98 0.00	188.31 5.44 0.00	168.38 5.72 0.00	202.33 6.58 0.00	276.64 7.35 0.00	222.97 7.31 0.00	200.06 7.36 0.00	236.65 6.75 0.00	221.02 6.34 0.00	199.54 7.12 0.00	179.77 7.10 0.00	168.79 5.97 0.00	192.91 5.91 0.00	203.62 4.14 0.00	519.37 7.89 0.00	237.56 2.50 0.00	179.94 2.78 0.00	181.20 2.94 0.00	186.00 4.31 0.00	190.49 5.17 0.00	195.33 4.65 0.00
REPUBLIC_115KV_BARTNBRK 55605	172.80 17.64 0.00	176.14 18.01 0.00	189.96 19.44 0.00	193.59 19.31 0.00	203.86 20.99 0.00	186.39 23.73 0.00	225.19 29.45 0.00	307.87 38.58 0.00	244.63 28.97 0.00	216.71 24.01 0.00	258.72 28.82 0.00	240.91 26.23 0.00	216.15 23.73 0.00	196.74 24.07 0.00	186.56 23.74 0.00	212.47 25.47 0.00	225.53 26.05 0.00	583.21 71.73 0.00	265.96 30.89 0.00	199.70 22.54 0.00	203.18 24.91 0.00	208.37 26.68 0.00	210.34 25.03 0.00	216.84 26.17 0.00
REVERE_CPPR_DRP 24186	161.11 5.95 0.00	164.32 6.20 0.00	177.09 6.57 0.00	181.23 6.96 0.00	190.26 7.39 0.00	170.46 7.80 0.00	205.89 10.14 0.00	284.23 14.94 0.00	227.20 11.55 0.00	202.51 9.81 0.00	241.15 11.25 0.00	223.79 9.11 0.00	200.36 7.93 0.00	180.45 7.78 0.00	170.22 7.40 0.00	196.46 9.46 0.00	210.86 11.38 0.00	543.00 31.53 0.00	249.35 14.29 0.00	187.47 10.31 0.00	188.45 10.18 0.00	190.20 8.52 0.00	192.82 7.51 0.00	199.02 8.34 0.00
REYNOLDS_115KV_TB3 80639	160.16 5.01 0.00	163.03 4.90 0.00	175.97 5.45 0.00	179.71 5.43 0.00	188.74 5.87 0.00	168.89 6.24 0.00	202.90 7.16 0.00	277.61 8.32 0.00	223.57 7.91 0.00	200.59 7.89 0.00	237.47 7.58 0.00	221.67 6.99 0.00	200.30 7.87 0.00	180.63 7.96 0.00	169.82 7.01 0.00	194.04 7.04 0.00	204.89 5.41 0.00	522.76 11.29 0.00	239.05 3.99 0.00	180.99 3.83 0.00	182.43 4.16 0.00	187.19 5.51 0.00	191.06 5.75 0.00	195.92 5.24 0.00
RIVERBAY____ 323610	166.05 10.88 0.00	167.95 9.82 0.00	180.00 9.48 0.00	183.87 9.60 0.00	193.69 10.82 0.00	174.46 11.80 0.00	210.32 14.58 0.00	287.83 18.54 0.00	231.87 16.21 0.00	208.55 15.85 0.00	244.89 14.99 0.00	231.09 16.40 0.00	211.07 18.28 -0.36	190.14 17.46 -0.01	178.83 16.00 0.00	205.40 18.39 0.00	215.93 16.46 0.00	549.75 38.28 0.00	251.44 16.38 0.00	191.76 14.60 0.00	192.35 14.08 0.00	196.31 14.63 0.00	198.91 13.59 0.00	202.75 12.07 0.00
RIVERSDE_115KV_TB3 55908	160.23 5.07 0.00	163.06 4.93 0.00	176.06 5.55 0.00	179.81 5.53 0.00	188.86 5.99 0.00	168.95 6.29 0.00	203.03 7.29 0.00	277.63 8.35 0.00	223.74 8.09 0.00	200.75 8.05 0.00	237.60 7.71 0.00	221.84 7.15 0.00	200.38 7.95 0.00	180.58 7.91 0.00	169.62 6.80 0.00	193.85 6.85 0.00	204.61 5.14 0.00	522.06 10.58 0.00	238.74 3.67 0.00	180.79 3.63 0.00	182.12 3.85 0.00	186.95 5.27 0.00	191.13 5.81 0.00	195.99 5.32 0.00
ROARING___BROOK_WT_PWR 323790	153.27 -1.90 0.00	156.57 -1.55 0.00	168.13 -2.39 0.00	171.98 -2.29 0.00	180.94 -1.93 0.00	160.47 -2.19 0.00	193.22 -2.52 0.00	266.32 -2.97 0.00	213.21 -2.44 0.00	190.21 -2.49 0.00	226.84 -3.06 0.00	210.98 -3.71 0.00	189.46 -2.97 0.00	170.33 -2.34 0.00	161.63 -1.19 0.00	186.45 -0.55 0.00	199.39 -0.09 0.00	512.20 0.72 0.00	235.53 0.47 0.00	177.06 -0.10 0.00	176.89 -1.38 0.00	178.86 -2.83 0.00	182.74 -2.58 0.00	188.82 -1.85 0.00

ROCHESRG_115KV_T4 355643	147.11 -8.05 0.00	150.62 -7.51 0.00	162.29 -8.23 0.00	165.79 -8.48 0.00	174.11 -8.76 0.00	156.20 -6.46 0.00	186.46 -9.28 0.00	257.83 -11.46 0.00	207.24 -8.42 0.00	184.39 -8.31 0.00	220.46 -9.44 0.00	205.32 -9.36 0.00	184.00 -8.43 0.00	164.07 -8.03 0.16	152.60 -8.58 1.63	176.25 -10.14 0.61	188.62 -10.70 0.16	490.09 -21.38 0.00	225.46 -9.61 0.00	168.43 -8.73 0.00	168.29 -8.57 1.41	167.93 -10.16 3.60	175.41 -9.91 0.00	182.46 -8.21 0.00
ROCHESTER_9_IC 23652	148.15 -7.01 0.00	151.66 -6.47 0.00	163.41 -7.11 0.00	166.93 -7.35 0.00	175.30 -7.57 0.00	157.36 -5.31 0.00	187.91 -7.83 0.00	259.98 -9.31 0.00	208.98 -6.67 0.00	185.90 -6.81 0.00	222.26 -7.64 0.00	206.98 -7.71 0.00	185.42 -7.00 0.00	165.56 -7.12 -0.01	155.62 -7.29 -0.09	178.39 -8.66 -0.05	190.41 -9.08 -0.02	494.42 -17.05 0.00	227.43 -7.63 0.00	169.93 -7.23 0.00	171.20 -7.14 -0.08	173.28 -8.75 -0.34	176.80 -8.52 0.00	183.80 -6.88 0.00
ROCKVIEW_13_KV_LD 356306	165.30 10.14 0.00	167.43 9.30 0.00	179.38 8.86 0.00	183.22 8.95 0.00	192.85 9.98 0.00	173.52 10.86 0.00	208.94 13.21 0.00	286.17 16.89 0.00	230.31 14.65 0.00	207.38 14.68 0.00	244.38 14.48 0.00	229.63 14.94 0.00	208.76 15.97 -0.36	188.76 16.09 0.00	178.07 15.25 0.00	203.68 16.68 0.00	215.26 15.79 0.00	546.38 34.90 0.00	250.05 14.99 0.00	190.39 13.24 0.00	191.45 13.18 0.00	195.38 13.69 0.00	197.83 12.51 0.00	201.91 11.24 0.00
ROME____115KV_TB2 80656	161.11 5.95 0.00	164.32 6.20 0.00	177.09 6.57 0.00	181.23 6.96 0.00	190.26 7.39 0.00	170.46 7.80 0.00	205.89 10.14 0.00	284.23 14.94 0.00	227.20 11.55 0.00	202.51 9.81 0.00	241.15 11.25 0.00	223.79 9.11 0.00	200.36 7.93 0.00	180.45 7.78 0.00	170.22 7.40 0.00	196.46 9.46 0.00	210.86 11.38 0.00	543.00 31.53 0.00	249.35 14.29 0.00	187.47 10.31 0.00	188.45 10.18 0.00	190.20 8.52 0.00	192.82 7.51 0.00	199.02 8.34 0.00
ROSETON___1 23587	162.39 7.23 0.00	164.73 6.61 0.00	177.01 6.49 0.00	180.84 6.56 0.00	190.23 7.37 0.00	170.79 8.13 0.00	205.53 9.79 0.00	281.49 12.21 0.00	226.31 10.66 0.00	203.44 10.74 0.00	240.12 10.23 0.00	225.33 10.64 0.00	204.02 11.59 0.00	184.55 11.88 0.00	174.06 11.24 0.00	199.09 12.09 0.00	210.51 11.04 0.00	535.38 23.91 0.00	245.03 9.97 0.00	186.32 9.16 0.00	187.36 9.10 0.00	191.33 9.65 0.00	194.01 8.69 0.00	198.35 7.68 0.00
ROSETON___2 23588	162.39 7.23 0.00	164.73 6.61 0.00	177.01 6.49 0.00	180.84 6.56 0.00	190.23 7.37 0.00	170.79 8.13 0.00	205.53 9.79 0.00	281.49 12.21 0.00	226.31 10.66 0.00	203.44 10.74 0.00	240.12 10.23 0.00	225.33 10.64 0.00	204.02 11.59 0.00	184.55 11.88 0.00	174.06 11.24 0.00	199.09 12.09 0.00	210.51 11.04 0.00	535.38 23.91 0.00	245.03 9.97 0.00	186.32 9.16 0.00	187.36 9.10 0.00	191.33 9.65 0.00	194.01 8.69 0.00	198.35 7.68 0.00
ROTTTRDAM_115KV_TB3 80664	160.29 5.14 0.00	163.19 5.06 0.00	176.19 5.67 0.00	180.00 5.72 0.00	189.08 6.21 0.00	168.92 6.26 0.00	203.32 7.58 0.00	279.22 9.94 0.00	223.81 8.15 0.00	200.15 7.45 0.00	237.71 7.82 0.00	222.06 7.37 0.00	200.01 7.58 0.00	180.17 7.50 0.00	169.87 7.05 0.00	194.70 7.70 0.00	206.94 7.46 0.00	529.52 18.05 0.00	242.80 7.74 0.00	183.56 6.41 0.00	184.82 6.55 0.00	188.68 6.99 0.00	191.82 6.50 0.00	196.92 6.24 0.00
RUSSELL___1 23602	149.08 -6.08 0.00	152.63 -5.50 0.00	164.39 -6.13 0.00	167.94 -6.33 0.00	176.38 -6.49 0.00	158.35 -4.31 0.00	189.17 -6.57 0.00	261.89 -7.39 0.00	210.49 -5.17 0.00	187.23 -5.47 0.00	223.85 -6.04 0.00	208.50 -6.18 0.00	186.77 -5.65 0.00	166.77 -5.91 -0.01	156.76 -6.15 -0.09	179.73 -7.32 -0.05	191.82 -7.67 -0.02	498.26 -13.22 0.00	229.22 -5.85 0.00	171.23 -5.92 0.00	172.53 -5.82 -0.08	174.57 -7.46 -0.34	178.05 -7.27 0.00	185.07 -5.61 0.00
RUSSELL___2 23532	149.08 -6.08 0.00	152.63 -5.50 0.00	164.39 -6.13 0.00	167.94 -6.33 0.00	176.38 -6.49 0.00	158.35 -4.31 0.00	189.17 -6.57 0.00	261.89 -7.39 0.00	210.49 -5.17 0.00	187.23 -5.47 0.00	223.85 -6.04 0.00	208.50 -6.18 0.00	186.77 -5.65 0.00	166.77 -5.91 -0.01	156.76 -6.15 -0.09	179.73 -7.32 -0.05	191.82 -7.67 -0.02	498.26 -13.22 0.00	229.22 -5.85 0.00	171.23 -5.92 0.00	172.53 -5.82 -0.08	174.57 -7.46 -0.34	178.05 -7.27 0.00	185.07 -5.61 0.00
RUSSELL___3 23549	149.08 -6.08 0.00	152.63 -5.50 0.00	164.39 -6.13 0.00	167.94 -6.33 0.00	176.38 -6.49 0.00	158.35 -4.31 0.00	189.17 -6.57 0.00	261.89 -7.39 0.00	210.49 -5.17 0.00	187.23 -5.47 0.00	223.85 -6.04 0.00	208.50 -6.18 0.00	186.77 -5.65 0.00	166.77 -5.91 -0.01	156.76 -6.15 -0.09	179.73 -7.32 -0.05	191.82 -7.67 -0.02	498.26 -13.22 0.00	229.22 -5.85 0.00	171.23 -5.92 0.00	172.53 -5.82 -0.08	174.57 -7.46 -0.34	178.05 -7.27 0.00	185.07 -5.61 0.00
RUSSELL___4 23556	149.08 -6.08 0.00	152.63 -5.50 0.00	164.39 -6.13 0.00	167.94 -6.33 0.00	176.38 -6.49 0.00	158.35 -4.31 0.00	189.17 -6.57 0.00	261.89 -7.39 0.00	210.49 -5.17 0.00	187.23 -5.47 0.00	223.85 -6.04 0.00	208.50 -6.18 0.00	186.77 -5.65 0.00	166.77 -5.91 -0.01	156.76 -6.15 -0.09	179.73 -7.32 -0.05	191.82 -7.67 -0.02	498.26 -13.22 0.00	229.22 -5.85 0.00	171.23 -5.92 0.00	172.53 -5.82 -0.08	174.57 -7.46 -0.34	178.05 -7.27 0.00	185.07 -5.61 0.00
RUSSELL___STATION 23914	149.08 -6.08 0.00	152.63 -5.50 0.00	164.39 -6.13 0.00	167.94 -6.33 0.00	176.38 -6.49 0.00	158.35 -4.31 0.00	189.17 -6.57 0.00	261.89 -7.39 0.00	210.49 -5.17 0.00	187.23 -5.47 0.00	223.85 -6.04 0.00	208.50 -6.18 0.00	186.77 -5.65 0.00	166.77 -5.91 -0.01	156.76 -6.15 -0.09	179.73 -7.32 -0.05	191.82 -7.67 -0.02	498.26 -13.22 0.00	229.22 -5.85 0.00	171.23 -5.92 0.00	172.53 -5.82 -0.08	174.57 -7.46 -0.34	178.05 -7.27 0.00	185.07 -5.61 0.00
S SALMON___HYD 24043	152.93 -2.23 0.00	155.49 -2.63 0.00	167.52 -3.00 0.00	171.08 -3.19 0.00	180.04 -2.83 0.00	161.34 -1.32 0.00	194.13 -1.61 0.00	267.57 -1.71 0.00	213.15 -2.51 0.00	190.33 -2.37 0.00	227.61 -2.29 0.00	211.99 -2.70 0.00	190.18 -2.24 0.00	171.89 -0.78 0.00	161.88 -0.94 0.00	186.41 -0.59 0.00	199.38 -0.09 0.00	512.28 0.80 0.00	235.69 0.62 0.00	177.55 0.39 0.00	178.30 0.03 0.00	179.61 -2.08 0.00	181.27 -4.05 0.00	188.15 -2.53 0.00
S.PERRY___115KV_TB1 80734	152.13 -3.03 0.00	156.10 -2.02 0.00	168.65 -1.87 0.00	172.66 -1.61 0.00	181.78 -1.09 0.00	161.14 -1.53 0.00	187.84 -7.90 0.00	261.92 -7.37 0.00	210.09 -5.56 0.00	185.96 -6.74 0.00	223.37 -6.53 0.00	206.05 -8.63 0.00	183.31 -9.12 0.00	167.67 -9.33 -4.33	197.79 -8.54 -43.51	194.82 -8.81 -16.63	195.49 -8.34 -4.35	502.33 -9.14 0.00	231.89 -3.17 0.00	173.40 -3.76 0.00	218.69 2.40 -38.02	279.74 -0.64 -98.70	184.26 -1.06 0.00	191.63 0.96 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	140.95 -14.21 0.00	144.94 -13.19 0.00	156.18 -14.34 0.00	159.49 -14.78 0.00	167.60 -15.26 0.00	150.90 -11.76 0.00	178.41 -17.33 0.00	247.63 -21.65 0.00	199.44 -16.22 0.00	177.10 -15.60 0.00	212.93 -16.97 0.00	198.08 -16.60 0.00	176.92 -15.50 0.00	155.67 -15.73 1.27	134.31 -15.79 12.72	163.32 -18.80 4.88	178.33 -19.86 1.28	470.95 -40.52 0.00	216.80 -18.26 0.00	160.59 -16.57 0.00	150.94 -16.24 11.10	134.26 -18.40 29.02	167.67 -17.65 0.00	176.19 -14.48 0.00

SAWYER___23_KV_LOAD 55526	140.95 -14.21 0.00	144.94 -13.19 0.00	156.18 -14.34 0.00	159.49 -14.78 0.00	167.60 -15.26 0.00	150.90 -11.76 0.00	178.41 -17.33 0.00	247.63 -21.65 0.00	199.44 -16.22 0.00	177.10 -15.60 0.00	212.93 -16.97 0.00	198.08 -16.60 0.00	176.92 -15.50 0.00	155.67 -15.73 1.27	134.31 -15.79 12.72	163.32 -18.80 4.88	178.33 -19.86 1.28	470.95 -40.52 0.00	216.80 -18.26 0.00	160.59 -16.57 0.00	150.94 -16.24 11.10	134.26 -18.40 29.02	167.67 -17.65 0.00	176.19 -14.48 0.00
SELKIRK___I 23801	160.09 4.93 0.00	163.13 5.00 0.00	176.35 5.83 0.00	180.13 5.85 0.00	189.19 6.33 0.00	168.87 6.21 0.00	202.99 7.25 0.00	277.89 8.60 0.00	223.42 7.76 0.00	200.22 7.52 0.00	237.08 7.18 0.00	221.29 6.61 0.00	199.57 7.15 0.00	179.76 7.09 0.00	169.05 6.23 0.00	193.55 6.55 0.00	204.84 5.36 0.00	523.32 11.85 0.00	239.61 4.55 0.00	181.38 4.22 0.00	182.58 4.32 0.00	187.04 5.36 0.00	191.08 5.76 0.00	196.13 5.46 0.00
SELKIRK___II 23799	159.68 4.53 0.00	162.52 4.39 0.00	175.54 5.02 0.00	179.35 5.07 0.00	188.34 5.47 0.00	168.24 5.58 0.00	202.25 6.51 0.00	276.86 7.57 0.00	222.89 7.23 0.00	199.84 7.14 0.00	236.60 6.70 0.00	221.06 6.38 0.00	199.46 7.04 0.00	179.75 7.08 0.00	169.02 6.20 0.00	193.36 6.35 0.00	204.41 4.94 0.00	521.70 10.22 0.00	238.75 3.69 0.00	180.86 3.70 0.00	182.09 3.82 0.00	186.54 4.86 0.00	190.55 5.23 0.00	195.43 4.76 0.00
SENECA OSWGO___HYD 24041	151.32 -3.84 0.00	154.30 -3.82 0.00	166.43 -4.09 0.00	170.05 -4.22 0.00	178.45 -4.41 0.00	159.27 -3.39 0.00	191.70 -4.03 0.00	263.06 -6.23 0.00	211.03 -4.63 0.00	188.78 -3.92 0.00	224.22 -5.67 0.00	209.40 -5.29 0.00	188.20 -4.22 0.00	168.94 -3.73 0.00	158.91 -3.91 0.00	182.50 -4.50 0.00	194.85 -4.63 0.00	499.83 -11.64 0.00	229.96 -5.11 0.00	173.76 -3.39 0.00	174.84 -3.43 0.00	177.83 -3.85 0.00	180.87 -4.44 0.00	186.37 -4.31 0.00
SENECA___115KV_TB3 355854	142.71 -12.45 0.00	146.81 -11.32 0.00	158.24 -12.28 0.00	161.64 -12.63 0.00	169.93 -12.94 0.00	153.07 -9.59 0.00	181.27 -14.46 0.00	251.66 -17.62 0.00	202.60 -13.05 0.00	179.93 -12.78 0.00	216.17 -13.73 0.00	201.21 -13.47 0.00	179.47 -12.95 0.00	158.03 -13.32 1.32	136.19 -13.42 13.21	165.83 -16.12 5.05	181.11 -17.04 1.32	478.70 -32.77 0.00	220.51 -14.55 0.00	163.24 -13.92 0.00	153.24 -13.50 11.52	136.05 -15.66 29.98	170.38 -14.95 0.00	178.86 -11.81 0.00
SENECA___ENERGY 23797	150.96 -4.20 0.00	154.30 -3.83 0.00	166.53 -3.99 0.00	170.18 -4.10 0.00	178.75 -4.11 0.00	160.21 -2.44 0.00	192.96 -2.78 0.00	266.01 -3.28 0.00	213.56 -2.09 0.00	190.26 -2.44 0.00	226.14 -3.76 0.00	210.68 -4.01 0.00	188.35 -4.08 0.00	169.37 -3.59 -0.29	162.21 -3.54 -2.93	184.22 -3.91 -1.12	195.40 -4.37 0.00	503.81 -7.67 0.00	232.34 -2.72 0.00	174.66 -2.50 0.00	178.21 -2.64 -2.58	185.05 -3.28 -6.64	181.44 -3.88 0.00	188.06 -2.62 0.00
SHOEMAKER___GT 23640	161.81 6.66 0.00	164.34 6.21 0.00	176.77 6.24 0.00	180.57 6.30 0.00	189.96 7.09 0.00	170.31 7.64 0.00	205.10 9.36 0.00	281.17 11.88 0.00	225.96 10.30 0.00	202.84 10.13 0.00	239.58 9.68 0.00	224.69 10.01 0.00	202.71 10.66 0.37	183.54 10.87 0.00	173.13 10.31 0.00	198.19 11.19 0.00	209.83 10.35 0.00	534.54 23.06 0.00	244.78 9.72 0.00	185.95 8.79 0.00	186.92 8.65 0.00	190.81 9.12 0.00	193.45 8.13 0.00	197.92 7.25 0.00
SHOEMAKR_138KV_BK 111 55601	161.74 6.58 0.00	164.28 6.15 0.00	176.65 6.13 0.00	180.48 6.20 0.00	189.83 6.97 0.00	170.22 7.56 0.00	204.97 9.23 0.00	281.02 11.73 0.00	225.82 10.16 0.00	202.71 10.01 0.00	239.38 9.48 0.00	224.59 9.90 0.00	202.70 10.63 0.35	183.45 10.79 0.00	173.12 10.30 0.00	198.13 11.13 0.00	209.82 10.34 0.00	534.19 22.72 0.00	244.58 9.51 0.00	185.80 8.64 0.00	186.88 8.61 0.00	190.73 9.05 0.00	193.36 8.04 0.00	197.81 7.13 0.00
SHOREHAM_IC_1 23715	154.73 15.69 16.12	164.54 13.11 6.70	181.12 10.60 0.00	186.75 12.84 0.36	196.39 14.10 0.59	176.99 15.63 1.30	207.13 18.38 7.00	285.55 22.54 6.27	234.89 21.91 2.68	207.60 17.84 2.94	235.48 15.28 9.69	236.22 15.71 -5.82	210.06 16.55 -1.09	193.48 17.22 -3.59	188.48 16.60 -9.06	215.46 18.45 -10.00	225.55 16.54 -9.54	403.01 15.63 124.10	245.59 9.44 -1.09	201.83 11.81 -12.86	202.09 13.45 -10.38	196.19 15.54 1.05	187.30 18.19 16.21	193.80 15.31 12.19
SHOREHAM_IC_2 23716	154.73 15.69 16.12	164.54 13.11 6.70	181.12 10.60 0.00	186.75 12.84 0.36	196.39 14.10 0.59	176.99 15.63 1.30	207.13 18.38 7.00	285.55 22.54 6.27	234.89 21.91 2.68	207.60 17.84 2.94	235.48 15.28 9.69	236.22 15.71 -5.82	210.06 16.55 -1.09	193.48 17.22 -3.59	188.48 16.60 -9.06	215.46 18.45 -10.00	225.55 16.54 -9.54	403.01 15.63 124.10	245.59 9.44 -1.09	201.83 11.81 -12.86	202.09 13.45 -10.38	196.19 15.54 1.05	187.30 18.19 16.21	193.80 15.31 12.19
SISSONVILLE____ 23735	156.95 1.79 0.00	159.70 1.58 0.00	172.02 1.49 0.00	175.99 1.72 0.00	183.42 0.55 0.00	161.31 -1.35 0.00	192.63 -3.11 0.00	267.57 -1.72 0.00	212.61 -3.05 0.00	188.47 -4.23 0.00	228.92 -0.98 0.00	212.49 -2.19 0.00	188.87 -3.56 0.00	168.32 -4.35 0.00	158.87 -3.95 0.00	182.77 -4.24 0.00	198.11 -1.37 0.00	512.78 1.30 0.00	236.56 1.50 0.00	176.56 -0.59 0.00	177.50 -0.77 0.00	181.43 -0.25 0.00	186.94 1.62 0.00	194.08 3.40 0.00
SITHE_IND_GS1 24169	148.92 -6.24 0.00	151.88 -6.24 0.00	163.82 -6.70 0.00	167.36 -6.92 0.00	175.65 -7.22 0.00	156.64 -6.02 0.00	188.38 -7.36 0.00	258.67 -10.62 0.00	207.53 -8.13 0.00	185.52 -7.18 0.00	220.74 -9.16 0.00	206.15 -8.54 0.00	185.09 -7.33 0.00	166.16 -6.50 0.00	156.47 -6.35 0.00	179.69 -7.31 0.00	191.47 -8.01 0.00	490.96 -20.51 0.00	225.76 -9.30 0.00	170.36 -6.80 0.00	171.45 -6.82 0.00	174.41 -7.27 0.00	177.72 -7.60 0.00	183.14 -7.53 0.00
SITHE_IND_GS2 24170	148.92 -6.24 0.00	151.88 -6.24 0.00	163.82 -6.70 0.00	167.36 -6.92 0.00	175.65 -7.22 0.00	156.64 -6.02 0.00	188.38 -7.36 0.00	258.67 -10.62 0.00	207.53 -8.13 0.00	185.52 -7.18 0.00	220.74 -9.16 0.00	206.15 -8.54 0.00	185.09 -7.33 0.00	166.16 -6.50 0.00	156.47 -6.35 0.00	179.69 -7.31 0.00	191.47 -8.01 0.00	490.96 -20.51 0.00	225.76 -9.30 0.00	170.36 -6.80 0.00	171.45 -6.82 0.00	174.41 -7.27 0.00	177.72 -7.60 0.00	183.14 -7.53 0.00
SITHE_IND_GS3 24171	148.92 -6.24 0.00	151.88 -6.24 0.00	163.82 -6.70 0.00	167.36 -6.92 0.00	175.65 -7.22 0.00	156.64 -6.02 0.00	188.38 -7.36 0.00	258.67 -10.62 0.00	207.53 -8.13 0.00	185.52 -7.18 0.00	220.74 -9.16 0.00	206.15 -8.54 0.00	185.09 -7.33 0.00	166.16 -6.50 0.00	156.47 -6.35 0.00	179.69 -7.31 0.00	191.47 -8.01 0.00	490.96 -20.51 0.00	225.76 -9.30 0.00	170.36 -6.80 0.00	171.45 -6.82 0.00	174.41 -7.27 0.00	177.72 -7.60 0.00	183.14 -7.53 0.00
SITHE_IND_GS4 24172	148.92 -6.24 0.00	151.88 -6.24 0.00	163.82 -6.70 0.00	167.36 -6.92 0.00	175.65 -7.22 0.00	156.64 -6.02 0.00	188.38 -7.36 0.00	258.67 -10.62 0.00	207.53 -8.13 0.00	185.52 -7.18 0.00	220.74 -9.16 0.00	206.15 -8.54 0.00	185.09 -7.33 0.00	166.16 -6.50 0.00	156.47 -6.35 0.00	179.69 -7.31 0.00	191.47 -8.01 0.00	490.96 -20.51 0.00	225.76 -9.30 0.00	170.36 -6.80 0.00	171.45 -6.82 0.00	174.41 -7.27 0.00	177.72 -7.60 0.00	183.14 -7.53 0.00

SITHE___BATAVIA 24024	146.69 -8.47 0.00	150.70 -7.42 0.00	162.28 -8.24 0.00	165.70 -8.58 0.00	174.44 -8.43 0.00	157.07 -5.59 0.00	186.76 -8.98 0.00	259.41 -9.88 0.00	208.77 -6.88 0.00	185.05 -7.65 0.00	221.11 -8.78 0.00	205.37 -9.32 0.00	183.92 -8.51 0.00	163.38 -8.70 0.59	147.96 -8.98 5.88	174.17 -10.72 2.11	187.66 -11.29 0.52	494.06 -17.41 0.00	227.39 -7.68 0.00	168.87 -8.29 -0.01	164.95 -8.21 5.11	159.17 -10.29 12.23	175.30 -10.02 0.00	183.26 -7.42 0.00
SITHE___INDEPEND 23800	148.94 -6.22 0.00	151.90 -6.23 0.00	163.83 -6.69 0.00	167.38 -6.90 0.00	175.66 -7.21 0.00	156.64 -6.02 0.00	188.38 -7.36 0.00	258.69 -10.59 0.00	207.53 -8.13 0.00	185.54 -7.16 0.00	220.75 -9.15 0.00	206.13 -8.55 0.00	185.11 -7.32 0.00	166.17 -6.50 0.00	156.47 -6.35 0.00	179.69 -7.31 0.00	191.47 -8.01 0.00	490.98 -20.50 0.00	225.77 -9.29 0.00	170.36 -6.79 0.00	171.44 -6.83 0.00	174.42 -7.27 0.00	177.71 -7.62 0.00	183.15 -7.53 0.00
SITHE___MASSENA 23902	156.81 1.65 0.00	159.75 1.62 0.00	172.05 1.53 0.00	175.96 1.68 0.00	184.08 1.21 0.00	162.66 0.01 0.00	195.71 -0.03 0.00	271.08 1.79 0.00	216.09 0.43 0.00	191.77 -0.93 0.00	231.30 1.40 0.00	215.22 0.53 0.00	191.21 -1.21 0.00	170.30 -2.37 0.00	160.87 -1.95 0.00	185.56 -1.44 0.00	200.17 0.69 0.00	516.82 5.34 0.00	238.36 3.30 0.00	178.14 0.99 0.00	179.14 0.87 0.00	182.53 0.84 0.00	187.49 2.17 0.00	193.67 3.00 0.00
SITHE___OGDNSBRG 24021	159.74 4.58 0.00	162.69 4.57 0.00	175.28 4.76 0.00	179.34 5.07 0.00	187.26 4.39 0.00	165.12 2.46 0.00	198.31 2.57 0.00	275.51 6.22 0.00	218.86 3.20 0.00	192.46 -0.24 0.00	232.48 2.58 0.00	215.68 0.99 0.00	191.93 -0.49 0.00	170.26 -2.41 0.00	160.61 -2.21 0.00	185.30 -1.70 0.00	202.41 2.93 0.00	525.56 14.08 0.00	242.61 7.55 0.00	180.94 3.78 0.00	181.81 3.54 0.00	185.42 3.74 0.00	190.82 5.50 0.00	197.50 6.82 0.00
SITHE___STERLING 23777	159.57 4.41 0.00	162.92 4.79 0.00	175.65 5.13 0.00	179.63 5.36 0.00	188.61 5.74 0.00	168.75 6.09 0.00	203.65 7.91 0.00	280.69 11.40 0.00	224.65 9.00 0.00	200.20 7.50 0.00	237.86 7.96 0.00	221.21 6.53 0.00	198.11 5.69 0.00	178.25 5.58 0.00	168.04 5.22 0.00	193.53 6.53 0.00	207.36 7.88 0.00	533.42 21.94 0.00	244.92 9.86 0.00	184.29 7.13 0.00	185.37 7.10 0.00	187.87 6.18 0.00	190.85 5.53 0.00	196.57 5.89 0.00
SLEIGHT__34_KV_TB1 80719	149.94 -5.22 0.00	153.33 -4.79 0.00	165.25 -5.27 0.00	168.84 -5.43 0.00	177.33 -5.53 0.00	159.06 -3.60 0.00	191.09 -4.65 0.00	263.91 -5.38 0.00	211.96 -3.69 0.00	188.72 -3.98 0.00	224.95 -4.95 0.00	209.58 -5.10 0.00	187.81 -4.61 0.00	168.05 -4.62 0.00	157.89 -4.93 0.00	181.27 -5.73 0.00	193.54 -5.94 0.00	500.74 -10.74 0.00	230.40 -4.66 0.00	172.63 -4.53 0.00	173.65 -4.62 0.00	175.88 -5.81 0.00	179.28 -6.04 0.00	185.80 -4.88 0.00
SOUTH CAIRO___GT 23612	167.47 12.31 0.00	170.62 12.50 0.00	184.62 14.10 0.00	188.65 14.38 0.00	198.23 15.36 0.00	177.68 15.02 0.00	214.47 18.73 0.00	294.27 24.99 0.00	237.11 21.46 0.00	212.30 19.60 0.00	251.16 21.26 0.00	233.79 19.10 0.00	210.14 17.72 0.00	188.88 16.21 0.00	177.61 14.79 0.00	203.70 16.70 0.00	215.85 16.37 0.00	555.00 43.52 0.00	254.42 19.36 0.00	192.01 14.85 0.00	193.05 14.78 0.00	197.31 15.62 0.00	201.46 16.14 0.00	206.59 15.91 0.00
SOUTH HAMPTN___IC 23720	156.10 17.26 16.31	166.34 15.00 6.78	183.17 12.65 0.00	188.86 14.96 0.37	198.71 16.44 0.59	179.11 17.76 1.31	209.62 20.96 7.07	288.22 25.29 6.35	237.43 24.59 2.82	212.39 22.77 3.08	242.08 22.00 9.82	241.65 21.29 -5.68	215.19 21.84 -0.92	198.38 22.25 -3.45	193.18 21.42 -8.94	220.84 23.96 -9.88	231.11 22.24 -9.40	421.07 34.11 124.52	253.95 17.92 -0.97	207.98 18.12 -12.70	207.49 18.97 -10.25	201.13 20.61 1.17	189.46 20.56 16.43	196.06 17.71 12.33
SOUTHDOW_115KV_TB1 355954	146.09 -9.07 0.00	150.63 -7.49 0.00	162.58 -7.94 0.00	166.27 -8.00 0.00	175.05 -7.82 0.00	158.16 -4.50 0.00	188.75 -6.99 0.00	263.30 -5.98 0.00	211.27 -4.38 0.00	186.69 -6.01 0.00	223.40 -6.50 0.00	208.09 -6.59 0.00	184.71 -7.71 0.00	164.40 -7.51 0.76	148.21 -7.02 7.59	175.24 -8.86 2.90	189.73 -8.98 0.76	497.93 -13.54 0.00	229.25 -5.81 0.00	169.37 -7.79 0.00	163.89 -7.77 6.61	155.19 -9.29 17.21	177.39 -7.93 0.00	185.84 -4.84 0.00
SOUTHOLD_69_KV_BK 2 55809	158.03 19.17 16.31	169.10 17.75 6.78	186.14 15.62 0.00	191.89 17.98 0.37	201.70 19.42 0.59	182.24 20.89 1.31	212.99 24.32 7.07	287.64 24.70 6.35	239.78 26.93 2.81	216.45 26.82 3.07	246.26 26.17 9.82	242.17 21.80 -5.69	217.06 23.70 -0.93	201.73 25.59 -3.46	196.48 24.71 -8.94	224.61 27.73 -9.88	231.17 22.29 -9.40	420.68 33.70 124.50	253.89 17.86 -0.98	209.09 19.23 -12.71	211.34 22.82 -10.25	204.93 24.40 1.16	193.04 24.14 16.42	199.51 21.16 12.32
SOUTHOLD___IC 23719	158.28 19.43 16.31	169.10 17.75 6.78	186.13 15.61 0.00	191.90 17.99 0.37	202.04 19.76 0.59	182.24 20.89 1.31	212.97 24.30 7.07	287.66 24.72 6.35	239.77 26.93 2.81	216.46 26.83 3.07	246.76 21.74 9.82	242.11 21.74 -5.69	217.06 23.71 -0.93	201.75 25.62 -3.46	196.50 24.74 -8.94	224.62 27.73 -9.88	231.23 22.35 -9.40	419.91 32.93 124.50	253.87 17.83 -0.98	209.12 19.25 -12.71	211.35 22.83 -10.25	204.91 24.39 1.16	193.05 24.15 16.42	199.58 21.23 12.32
SOUTH_FORK_WT_PWR 323839	157.98 19.13 16.31	169.17 17.82 6.78	186.21 15.69 0.00	191.99 18.08 0.37	202.17 19.90 0.59	182.35 21.00 1.31	213.40 24.74 7.07	290.50 27.57 6.35	240.78 27.94 2.82	216.44 26.82 3.08	246.87 26.79 9.82	243.87 23.50 -5.68	217.95 24.60 -0.93	201.79 25.66 -3.46	196.55 24.79 -8.94	224.58 27.70 -9.88	233.02 24.14 -9.40	424.63 37.66 124.51	256.26 20.22 -0.97	210.32 20.46 -12.70	211.40 22.88 -10.25	205.05 24.52 1.16	193.12 24.23 16.42	199.64 21.29 12.33
SPIERFLS_115KV_TB 1 80737	165.30 10.14 0.00	168.30 10.17 0.00	181.59 11.07 0.00	185.56 11.28 0.00	195.18 12.31 0.00	175.80 13.14 0.00	212.08 16.33 0.00	290.98 21.69 0.00	232.75 17.10 0.00	207.70 15.00 0.00	247.01 17.11 0.00	230.31 15.63 0.00	207.17 14.75 0.00	187.22 14.55 0.00	176.61 13.79 0.00	202.20 15.20 0.00	214.67 15.20 0.00	551.51 40.03 0.00	252.50 17.43 0.00	190.48 13.33 0.00	192.30 14.03 0.00	196.65 14.97 0.00	199.29 13.97 0.00	204.58 13.90 0.00
ST LAWRENCE____ 23600	154.50 -0.66 0.00	157.40 -0.72 0.00	169.58 -0.95 0.00	173.44 -0.84 0.00	181.56 -1.31 0.00	160.58 -2.08 0.00	193.39 -2.35 0.00	267.65 -1.63 0.00	213.55 -2.11 0.00	189.84 -2.87 0.00	228.58 -1.31 0.00	212.91 -1.77 0.00	189.17 -3.26 0.00	168.51 -4.16 0.00	159.18 -3.64 0.00	183.67 -3.33 0.00	197.95 -1.53 0.00	510.79 -0.69 0.00	235.54 0.48 0.00	176.11 -1.04 0.00	177.07 -1.20 0.00	180.15 -1.54 0.00	184.77 -0.55 0.00	190.61 -0.06 0.00
STATE_CA_115KV_115_LB 55624	160.68 5.52 0.00	163.55 5.43 0.00	176.58 6.06 0.00	180.34 6.07 0.00	189.43 6.56 0.00	169.44 6.78 0.00	203.68 7.94 0.00	278.59 9.30 0.00	224.58 8.93 0.00	201.49 8.79 0.00	238.41 8.51 0.00	222.65 7.97 0.00	200.97 8.55 0.00	181.07 8.40 0.00	170.00 7.18 0.00	194.43 7.43 0.00	205.20 5.72 0.00	523.86 12.38 0.00	239.60 4.54 0.00	181.47 4.31 0.00	182.65 4.38 0.00	187.47 5.78 0.00	191.87 6.55 0.00	196.68 6.00 0.00

STATE_ST_34_KV_LOAD 55959	154.01 -1.15 0.00	157.28 -0.85 0.00	169.60 -0.92 0.00	173.27 -1.00 0.00	181.92 -0.94 0.00	162.75 0.09 0.00	196.58 0.84 0.00	270.44 1.16 0.00	216.92 1.26 0.00	193.87 1.17 0.00	230.25 0.35 0.00	214.53 -0.15 0.00	192.16 -0.26 0.00	172.51 -0.16 0.00	162.02 -0.80 0.00	186.18 -0.82 0.00	198.36 -1.11 0.00	510.79 -0.68 0.00	235.33 0.27 0.00	177.23 0.07 0.00	178.21 -0.06 0.00	181.05 -0.64 0.00	184.10 -1.22 0.00	190.30 -0.37 0.00
STATION 5_MISC_HYD 23604	148.10 -7.06 0.00	151.65 -6.47 0.00	163.41 -7.11 0.00	166.93 -7.35 0.00	175.29 -7.58 0.00	157.33 -5.33 0.00	187.88 -7.86 0.00	259.90 -9.38 0.00	208.98 -6.68 0.00	185.86 -6.84 0.00	222.26 -7.64 0.00	207.00 -7.69 0.00	185.46 -6.97 0.00	165.56 -7.12 -0.01	155.62 -7.29 -0.09	178.41 -8.64 -0.05	190.41 -9.08 -0.02	494.50 -16.98 0.00	227.41 -7.65 0.00	169.88 -7.27 0.00	171.28 -7.07 -0.08	173.46 -8.56 -0.34	176.82 -8.50 0.00	183.78 -6.89 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	151.38 -3.78 0.00	154.88 -3.25 0.00	166.98 -3.54 0.00	170.67 -3.60 0.00	179.31 -3.55 0.00	160.94 -1.72 0.00	193.17 -2.57 0.00	266.81 -2.47 0.00	214.15 -1.50 0.00	190.44 -2.26 0.00	226.97 -2.93 0.00	211.34 -3.34 0.00	189.26 -3.16 0.00	169.43 -3.23 0.00	159.38 -3.44 0.00	182.94 -4.06 0.00	195.31 -4.17 0.00	505.92 -5.55 0.00	232.90 -2.17 0.00	174.41 -2.75 0.00	175.45 -2.82 0.00	177.60 -4.08 0.00	181.00 -4.32 0.00	187.85 -2.82 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	147.66 -7.50 0.00	151.15 -6.97 0.00	162.89 -7.63 0.00	166.40 -7.87 0.00	174.74 -8.13 0.00	156.79 -5.87 0.00	187.41 -8.33 0.00	259.27 -10.02 0.00	208.35 -7.30 0.00	185.38 -7.32 0.00	221.59 -8.31 0.00	206.34 -8.34 0.00	184.94 -7.48 0.00	165.18 -7.50 -0.01	155.24 -7.66 -0.08	177.98 -9.07 -0.05	189.99 -9.50 -0.02	493.03 -18.45 0.00	226.75 -8.31 0.00	169.49 -7.67 0.00	170.73 -7.62 -0.07	172.85 -9.16 -0.32	176.30 -9.02 0.00	183.14 -7.53 0.00
STA_56___34_KV_BUS2 355983	147.66 -7.50 0.00	151.15 -6.97 0.00	162.89 -7.63 0.00	166.40 -7.87 0.00	174.74 -8.13 0.00	156.79 -5.87 0.00	187.41 -8.33 0.00	259.27 -10.02 0.00	208.35 -7.30 0.00	185.38 -7.32 0.00	221.59 -8.31 0.00	206.34 -8.34 0.00	184.94 -7.48 0.00	165.18 -7.50 -0.01	155.24 -7.66 -0.08	177.98 -9.07 -0.05	189.99 -9.50 -0.02	493.03 -18.45 0.00	226.75 -8.31 0.00	169.49 -7.67 0.00	170.73 -7.62 -0.07	172.85 -9.16 -0.32	176.30 -9.02 0.00	183.14 -7.53 0.00
STA_67___115KV_BK2 355882	147.73 -7.44 0.00	151.25 -6.87 0.00	162.97 -7.55 0.00	166.49 -7.79 0.00	174.86 -8.01 0.00	156.88 -5.78 0.00	187.34 -8.40 0.00	259.18 -10.11 0.00	208.29 -7.36 0.00	185.29 -7.42 0.00	221.57 -8.32 0.00	206.29 -8.40 0.00	184.81 -7.61 0.00	165.03 -7.65 -0.01	155.06 -7.85 -0.09	177.81 -9.24 -0.05	189.79 -9.70 -0.02	492.71 -18.76 0.00	226.67 -8.39 0.00	169.31 -7.85 0.00	170.67 -7.68 -0.07	172.72 -9.29 -0.33	176.26 -9.06 0.00	183.26 -7.42 0.00
STA_7___115KV_9TRANS 80674	149.08 -6.08 0.00	152.63 -5.50 0.00	164.39 -6.13 0.00	167.94 -6.33 0.00	176.38 -6.49 0.00	158.35 -4.31 0.00	189.17 -6.57 0.00	261.89 -7.39 0.00	210.49 -5.17 0.00	187.23 -5.47 0.00	223.85 -6.04 0.00	208.50 -6.18 0.00	186.77 -5.65 0.00	166.77 -5.91 -0.01	156.76 -6.15 -0.09	179.73 -7.32 -0.05	191.82 -7.67 -0.02	498.26 -13.22 0.00	229.22 -5.85 0.00	171.23 -5.92 0.00	172.53 -5.82 -0.08	174.57 -7.46 -0.34	178.05 -7.27 0.00	185.07 -5.61 0.00
STA_82___115KV_TB1 80780	147.79 -7.37 0.00	151.30 -6.83 0.00	163.06 -7.46 0.00	166.58 -7.70 0.00	174.92 -7.95 0.00	156.98 -5.68 0.00	187.44 -8.30 0.00	259.31 -9.97 0.00	208.41 -7.25 0.00	185.36 -7.34 0.00	221.68 -8.23 0.00	206.39 -8.30 0.00	184.94 -7.48 0.00	165.07 -7.61 -0.01	155.14 -7.78 -0.10	177.87 -9.19 -0.06	189.82 -9.68 -0.02	493.08 -18.39 0.00	226.79 -8.28 0.00	169.44 -7.72 0.00	170.76 -7.60 -0.09	172.88 -9.20 -0.40	176.33 -8.99 0.00	183.39 -7.29 0.00
STEEL___WIND 323596	142.32 -12.84 0.00	146.41 -11.71 0.00	157.90 -12.63 0.00	161.32 -12.95 0.00	169.60 -13.26 0.00	152.77 -9.88 0.00	180.93 -14.81 0.00	250.99 -18.30 0.00	202.26 -13.39 0.00	179.64 -13.06 0.00	215.78 -14.12 0.00	200.88 -13.81 0.00	179.15 -13.27 0.00	157.72 -13.64 1.32	135.93 -13.67 13.21	165.46 -16.50 5.05	180.72 -17.43 1.32	477.65 -33.82 0.00	220.08 -14.99 0.00	162.91 -14.25 0.00	153.14 -13.61 11.52	136.04 -15.67 29.98	170.07 -15.25 0.00	178.46 -12.22 0.00
STEPHTWN_115KV_BK_2 55603	162.13 6.97 0.00	165.16 7.04 0.00	178.09 7.57 0.00	181.83 7.55 0.00	191.01 8.15 0.00	171.16 8.50 0.00	206.01 10.27 0.00	282.01 12.72 0.00	227.20 11.54 0.00	203.74 11.04 0.00	241.11 11.21 0.00	224.95 10.27 0.00	203.07 10.65 0.00	182.73 10.06 0.00	171.74 8.92 0.00	196.33 9.32 0.00	207.84 8.37 0.00	530.91 19.43 0.00	242.70 7.64 0.00	183.43 6.27 0.00	185.04 6.78 0.00	189.51 7.82 0.00	194.19 8.86 0.00	198.68 8.01 0.00
STEUBEN_REC_LFGE 323667	144.85 -10.31 0.00	149.72 -8.40 0.00	162.50 -8.02 0.00	166.92 -7.35 0.00	175.60 -7.27 0.00	158.36 -4.30 0.00	189.28 -6.47 0.00	263.43 -5.86 0.00	211.60 -4.05 0.00	187.44 -5.26 0.00	223.38 -6.52 0.00	207.04 -7.64 0.00	183.84 -8.59 0.00	167.35 -8.13 -2.81	182.65 -8.35 -28.19	189.25 -8.53 -10.77	193.33 -8.96 -2.82	500.19 -11.29 0.00	231.33 -3.74 0.00	172.04 -5.12 0.00	198.32 -4.68 -24.73	239.58 -6.05 -63.94	178.94 -6.38 0.00	186.55 -4.12 0.00
STILLWATER___SOLAR 323814	163.80 8.63 0.00	166.73 8.60 0.00	179.91 9.39 0.00	183.81 9.54 0.00	193.20 10.33 0.00	173.45 10.79 0.00	208.82 13.08 0.00	286.34 17.06 0.00	229.30 13.65 0.00	204.97 12.27 0.00	243.73 13.83 0.00	227.29 12.61 0.00	204.84 12.42 0.00	184.85 12.18 0.00	174.11 11.29 0.00	199.41 12.41 0.00	211.52 12.05 0.00	542.06 30.59 0.00	248.24 13.18 0.00	187.50 10.35 0.00	189.08 10.81 0.00	193.49 11.80 0.00	196.42 11.10 0.00	201.58 10.91 0.00
STONY___BROOK 24151	153.60 14.20 15.76	162.98 11.41 6.56	179.03 8.51 0.00	184.55 10.63 0.35	193.97 11.68 0.57	174.78 13.38 1.26	203.93 15.03 6.85	281.53 18.35 6.10	231.91 18.66 2.41	207.94 17.91 2.67	237.21 16.75 9.45	238.53 17.77 -6.08	212.24 18.42 -1.39	195.21 18.69 -3.85	189.91 17.81 -9.28	217.03 19.79 -10.24	228.14 18.86 -9.80	414.80 26.64 123.31	251.22 14.84 -1.32	206.17 15.86 -13.16	204.48 15.58 -10.62	197.38 16.52 0.83	185.19 15.67 15.81	191.28 12.53 11.93
STURGEON_POOL_HYD 23609	163.73 8.57 0.00	166.14 8.02 0.00	178.58 8.06 0.00	182.49 8.22 0.00	192.03 9.17 0.00	172.30 9.64 0.00	207.51 11.77 0.00	284.61 15.32 0.00	228.90 13.25 0.00	205.73 13.03 0.00	242.81 12.91 0.00	227.68 13.00 0.00	206.02 13.60 0.00	186.36 13.69 0.00	175.88 13.06 0.00	201.22 14.22 0.00	212.92 13.44 0.00	541.98 30.51 0.00	248.15 13.09 0.00	188.64 11.48 0.00	189.64 11.37 0.00	193.44 11.76 0.00	195.86 10.54 0.00	200.20 9.52 0.00
ST_LAW_115_BK7_LBMP 345037	154.59 -0.57 0.00	157.52 -0.60 0.00	169.68 -0.85 0.00	173.51 -0.76 0.00	181.64 -1.23 0.00	160.52 -2.13 0.00	193.27 -2.47 0.00	267.63 -1.66 0.00	213.47 -2.18 0.00	189.65 -3.06 0.00	228.53 -1.37 0.00	212.78 -1.90 0.00	189.01 -3.41 0.00	168.31 -4.36 0.00	159.02 -3.80 0.00	183.47 -3.53 0.00	197.84 -1.64 0.00	510.75 -0.73 0.00	235.58 0.52 0.00	176.09 -1.06 0.00	177.01 -1.26 0.00	180.10 -1.58 0.00	184.86 -0.46 0.00	190.74 0.07 0.00

ST_LAW_115_BK8_LBMP 345038	154.59 -0.57 0.00	157.52 -0.60 0.00	169.68 -0.85 0.00	173.51 -0.76 0.00	181.64 -1.23 0.00	160.52 -2.13 0.00	193.27 -2.47 0.00	267.63 -1.66 0.00	213.47 -2.18 0.00	189.65 -3.06 0.00	228.53 -1.37 0.00	212.78 -1.90 0.00	189.01 -3.41 0.00	168.31 -4.36 0.00	159.02 -3.80 0.00	183.47 -3.53 0.00	197.84 -1.64 0.00	510.75 -0.73 0.00	235.58 0.52 0.00	176.09 -1.06 0.00	177.01 -1.26 0.00	180.10 -1.58 0.00	184.86 -0.46 0.00	190.74 0.07 0.00
ST_LAW_230_BK5_LBMP 345035	154.50 -0.66 0.00	157.40 -0.72 0.00	169.58 -0.95 0.00	173.44 -0.84 0.00	181.56 -1.31 0.00	160.58 -2.08 0.00	193.39 -2.35 0.00	267.65 -1.63 0.00	213.55 -2.11 0.00	189.84 -2.87 0.00	228.58 -1.31 0.00	212.91 -1.77 0.00	189.17 -3.26 0.00	168.51 -4.16 0.00	159.18 -3.64 0.00	183.67 -3.33 0.00	197.95 -1.53 0.00	510.79 -0.69 0.00	235.54 0.48 0.00	176.11 -1.04 0.00	177.07 -1.20 0.00	180.15 -1.54 0.00	184.77 -0.55 0.00	190.61 -0.06 0.00
ST_LAW_230_BK6_LBMP 345036	154.50 -0.66 0.00	157.40 -0.72 0.00	169.58 -0.95 0.00	173.44 -0.84 0.00	181.56 -1.31 0.00	160.58 -2.08 0.00	193.39 -2.35 0.00	267.65 -1.63 0.00	213.55 -2.11 0.00	189.84 -2.87 0.00	228.58 -1.31 0.00	212.91 -1.77 0.00	189.17 -3.26 0.00	168.51 -4.16 0.00	159.18 -3.64 0.00	183.67 -3.33 0.00	197.95 -1.53 0.00	510.79 -0.69 0.00	235.54 0.48 0.00	176.11 -1.04 0.00	177.07 -1.20 0.00	180.15 -1.54 0.00	184.77 -0.55 0.00	190.61 -0.06 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	162.54 7.38 0.00	164.95 6.82 0.00	177.22 6.70 0.00	181.04 6.77 0.00	190.53 7.67 0.00	171.06 8.40 0.00	205.98 10.24 0.00	282.23 12.95 0.00	226.80 11.15 0.00	203.83 11.13 0.00	240.49 10.59 0.00	225.72 11.04 0.00	203.87 11.87 0.42	184.74 12.07 0.00	174.28 11.46 0.00	199.43 12.43 0.00	211.00 11.53 0.00	536.87 25.39 0.00	245.70 10.64 0.00	186.82 9.66 0.00	187.86 9.59 0.00	191.73 10.05 0.00	194.31 8.99 0.00	198.63 7.96 0.00
SWANROAD_115KV_TB1 355699	137.32 -17.84 0.00	141.35 -16.78 0.00	152.20 -18.33 0.00	155.32 -18.95 0.00	163.29 -19.58 0.00	147.06 -15.60 0.00	172.89 -22.85 0.00	240.00 -29.28 0.00	193.72 -21.94 0.00	172.20 -20.50 0.00	207.03 -22.87 0.00	192.43 -22.26 0.00	172.13 -20.30 0.00	151.53 -20.19 0.95	133.03 -20.23 9.56	159.49 -23.94 3.57	172.87 -25.70 0.91	456.38 -55.10 0.00	210.11 -24.95 0.00	155.75 -21.41 0.00	148.64 -21.30 8.33	136.73 -23.97 20.98	162.50 -22.82 0.00	171.38 -19.30 0.00
SYNERGY___BIOGAS 323694	146.69 -8.47 0.00	150.70 -7.42 0.00	162.28 -8.24 0.00	165.70 -8.58 0.00	174.44 -8.43 0.00	157.07 -5.59 0.00	186.76 -8.98 0.00	259.41 -9.88 0.00	208.77 -6.88 0.00	185.05 -7.65 0.00	221.11 -8.78 0.00	205.37 -9.32 0.00	183.92 -8.51 0.00	163.38 -8.70 0.59	147.96 -8.98 5.88	174.17 -10.72 2.11	187.66 -11.29 0.52	494.06 -17.41 0.00	227.39 -7.68 0.00	168.87 -8.29 -0.01	164.95 -8.21 5.11	159.17 -10.29 12.23	175.30 -10.02 0.00	183.26 -7.42 0.00
SYRACUSE___ENERGY_ST1 323597	153.29 -1.88 0.00	156.38 -1.74 0.00	168.62 -1.90 0.00	172.27 -2.00 0.00	180.84 -2.02 0.00	161.53 -1.13 0.00	194.58 -1.16 0.00	267.17 -2.11 0.00	214.19 -1.47 0.00	191.42 -1.29 0.00	227.35 -2.55 0.00	212.29 -2.39 0.00	190.59 -1.83 0.00	171.20 -1.47 0.00	161.13 -1.70 0.00	185.17 -1.84 0.00	197.44 -2.04 0.00	506.58 -4.89 0.00	233.15 -1.91 0.00	175.94 -1.22 0.00	176.93 -1.34 0.00	179.98 -1.71 0.00	183.03 -2.29 0.00	188.73 -1.95 0.00
SYRACUSE___ENERGY_ST2 323598	153.29 -1.88 0.00	156.38 -1.74 0.00	168.62 -1.90 0.00	172.27 -2.00 0.00	180.84 -2.02 0.00	161.53 -1.13 0.00	194.58 -1.16 0.00	267.17 -2.11 0.00	214.19 -1.47 0.00	191.42 -1.29 0.00	227.35 -2.55 0.00	212.29 -2.39 0.00	190.59 -1.83 0.00	171.20 -1.47 0.00	161.13 -1.70 0.00	185.17 -1.84 0.00	197.44 -2.04 0.00	506.58 -4.89 0.00	233.15 -1.91 0.00	175.94 -1.22 0.00	176.93 -1.34 0.00	179.98 -1.71 0.00	183.03 -2.29 0.00	188.73 -1.95 0.00
SYRACUSE___POWER 24017	153.43 -1.73 0.00	156.52 -1.61 0.00	168.78 -1.75 0.00	172.42 -1.86 0.00	180.96 -1.90 0.00	161.71 -0.95 0.00	194.68 -1.06 0.00	267.47 -1.82 0.00	214.50 -1.15 0.00	191.69 -1.02 0.00	227.79 -2.11 0.00	212.72 -1.96 0.00	190.98 -1.45 0.00	171.54 -1.12 0.00	161.51 -1.31 0.00	185.55 -1.45 0.00	197.79 -1.68 0.00	507.74 -3.74 0.00	233.67 -1.40 0.00	176.21 -0.94 0.00	177.29 -0.98 0.00	180.22 -1.47 0.00	183.30 -2.02 0.00	188.94 -1.74 0.00
TALLMAN___138KV_BK151 55660	163.08 7.92 0.00	165.34 7.22 0.00	177.42 6.89 0.00	181.20 6.93 0.00	190.81 7.95 0.00	171.59 8.93 0.00	206.55 10.80 0.00	282.78 13.50 0.00	227.21 11.56 0.00	204.30 11.60 0.00	240.75 10.85 0.00	226.27 11.58 0.00	204.46 12.60 0.57	185.53 12.86 0.00	175.09 12.27 0.00	200.27 13.26 0.00	211.72 12.25 0.00	538.07 26.60 0.00	246.06 11.00 0.00	187.37 10.21 0.00	188.36 10.09 0.00	192.32 10.64 0.00	194.78 9.46 0.00	198.91 8.24 0.00
TEALLAVE_115KV_TB7 355573	152.24 -2.92 0.00	155.31 -2.82 0.00	167.47 -3.05 0.00	171.14 -3.14 0.00	179.61 -3.26 0.00	160.49 -2.17 0.00	193.15 -2.59 0.00	265.31 -3.97 0.00	212.86 -2.80 0.00	190.26 -2.44 0.00	226.12 -3.78 0.00	211.13 -3.56 0.00	189.62 -2.81 0.00	170.32 -2.35 0.00	160.35 -2.47 0.00	184.15 -2.85 0.00	196.27 -3.20 0.00	503.61 -7.86 0.00	231.65 -3.42 0.00	174.71 -2.45 0.00	175.79 -2.48 0.00	178.72 -2.97 0.00	181.78 -3.54 0.00	187.40 -3.28 0.00
TELGRAPH_34_KV_EAST 80808	141.89 -13.27 0.00	145.94 -12.18 0.00	157.10 -13.42 0.00	160.42 -13.85 0.00	168.71 -14.16 0.00	151.93 -10.73 0.00	179.62 -16.12 0.00	249.47 -19.81 0.00	201.02 -14.63 0.00	178.56 -14.14 0.00	214.24 -15.66 0.00	199.19 -15.49 0.00	178.24 -14.19 0.00	157.58 -14.35 0.73	140.98 -14.53 7.32	167.11 -17.27 2.62	180.26 -18.57 0.65	474.72 -36.76 0.00	218.41 -16.66 -0.01	162.06 -15.11 -0.01	156.95 -14.96 6.36	149.07 -17.42 15.20	168.69 -16.63 0.00	177.15 -13.53 0.00
TEMPLE___115KV_TB 2 55572	152.33 -2.83 0.00	155.42 -2.71 0.00	167.60 -2.93 0.00	171.21 -3.06 0.00	179.73 -3.13 0.00	160.57 -2.09 0.00	193.23 -2.51 0.00	265.49 -3.79 0.00	212.94 -2.72 0.00	190.36 -2.35 0.00	226.27 -3.63 0.00	211.30 -3.39 0.00	189.70 -2.73 0.00	170.46 -2.21 0.00	160.47 -2.35 0.00	184.28 -2.73 0.00	196.40 -3.08 0.00	503.90 -7.58 0.00	231.81 -3.25 0.00	174.79 -2.37 0.00	175.88 -2.39 0.00	178.79 -2.89 0.00	181.92 -3.40 0.00	187.54 -3.14 0.00
TIANA____69_KV_BK 1 55817	155.43 16.58 16.31	165.74 14.39 6.78	182.54 12.03 0.00	188.20 14.29 0.37	197.68 15.40 0.59	178.43 17.08 1.31	208.84 20.17 7.07	287.44 24.50 6.35	236.65 23.81 2.82	211.61 21.99 3.08	241.01 20.93 9.82	241.00 20.63 -5.69	214.56 21.20 -0.93	197.73 21.59 -3.46	192.53 20.77 -8.94	220.16 23.27 -9.88	230.53 21.65 -9.40	420.71 33.74 124.50	253.38 17.35 -0.97	207.48 17.62 -12.71	206.81 18.29 -10.25	200.49 19.96 1.16	188.73 19.83 16.42	195.28 16.93 12.33
TILDEN___115KV_TB1 80814	153.43 -1.73 0.00	156.52 -1.61 0.00	168.78 -1.75 0.00	172.42 -1.86 0.00	180.96 -1.90 0.00	161.71 -0.95 0.00	194.68 -1.06 0.00	267.47 -1.82 0.00	214.50 -1.15 0.00	191.69 -1.02 0.00	227.79 -2.11 0.00	212.72 -1.96 0.00	190.98 -1.45 0.00	171.54 -1.12 0.00	161.51 -1.31 0.00	185.55 -1.45 0.00	197.79 -1.68 0.00	507.74 -3.74 0.00	233.67 -1.40 0.00	176.21 -0.94 0.00	177.29 -0.98 0.00	180.22 -1.47 0.00	183.30 -2.02 0.00	188.94 -1.74 0.00

TRIGEN___CC 323695	246.79 12.40 -79.23	200.52 10.43 -31.96	179.52 8.99 -0.01	186.64 10.69 -1.67	196.91 11.31 -2.73	181.48 12.81 -6.01	244.22 15.12 -33.35	325.25 19.19 -36.78	301.60 17.62 -68.32	278.21 17.04 -68.47	302.09 16.68 -55.51	307.46 17.29 -75.49	293.80 18.07 -83.31	262.42 18.14 -71.61	248.66 17.15 -68.69	278.24 18.88 -72.36	297.11 18.14 -79.49	628.15 34.99 -81.68	313.40 17.00 -61.34	285.79 15.57 -93.07	269.40 15.29 -75.84	255.75 15.83 -58.23	292.90 14.84 -92.74	261.75 12.93 -58.14
TRINITY___115KV___4 BK 55933	159.97 4.81 0.00	162.84 4.72 0.00	175.80 5.28 0.00	179.59 5.32 0.00	188.59 5.72 0.00	168.71 6.05 0.00	202.70 6.96 0.00	277.14 7.85 0.00	223.40 7.74 0.00	200.43 7.73 0.00	237.14 7.25 0.00	221.48 6.80 0.00	199.99 7.57 0.00	180.19 7.52 0.00	169.17 6.35 0.00	193.38 6.38 0.00	204.02 4.54 0.00	520.52 9.04 0.00	238.03 2.97 0.00	180.30 3.14 0.00	181.58 3.31 0.00	186.44 4.75 0.00	190.88 5.56 0.00	195.69 5.02 0.00
UNION___PROCESSING_DRP 323587	147.84 -7.32 0.00	151.35 -6.77 0.00	163.10 -7.42 0.00	166.66 -7.61 0.00	175.01 -7.86 0.00	157.03 -5.63 0.00	187.54 -8.20 0.00	259.44 -9.84 0.00	208.51 -7.15 0.00	185.46 -7.24 0.00	221.77 -8.13 0.00	206.45 -8.23 0.00	185.01 -7.42 0.00	165.13 -7.55 -0.01	155.21 -7.73 -0.11	177.94 -9.13 -0.06	189.94 -9.56 -0.02	493.22 -18.25 0.00	226.91 -8.15 0.00	169.49 -7.67 0.00	170.87 -7.50 -0.10	172.97 -9.14 -0.43	176.41 -8.91 0.00	183.42 -7.26 0.00
UPPER HUDSON___HYD 24058	165.30 10.14 0.00	168.30 10.17 0.00	181.59 11.07 0.00	185.56 11.28 0.00	195.18 12.31 0.00	175.79 13.13 0.00	212.07 16.33 0.00	290.98 21.69 0.00	232.75 17.09 0.00	207.71 15.00 0.00	247.01 17.11 0.00	230.31 15.62 0.00	207.15 14.73 0.00	187.22 14.55 0.00	176.60 13.78 0.00	202.20 15.20 0.00	214.68 15.20 0.00	551.52 40.04 0.00	252.50 17.43 0.00	190.48 13.33 0.00	192.30 14.03 0.00	196.65 14.97 0.00	199.30 13.98 0.00	204.58 13.91 0.00
UPPER RAQUET___HYD 24056	156.96 1.80 0.00	159.70 1.58 0.00	172.01 1.49 0.00	175.99 1.72 0.00	183.42 0.55 0.00	161.31 -1.35 0.00	192.62 -3.12 0.00	267.58 -1.71 0.00	212.61 -3.05 0.00	188.47 -4.23 0.00	228.92 -0.98 0.00	212.50 -2.19 0.00	188.86 -3.56 0.00	168.32 -4.35 0.00	158.87 -3.95 0.00	182.76 -4.24 0.00	198.11 -1.37 0.00	512.79 1.31 0.00	236.57 1.51 0.00	176.57 -0.59 0.00	177.51 -0.76 0.00	181.41 -0.28 0.00	186.94 1.62 0.00	194.07 3.40 0.00
VALLEY44_115KV_TB2 355964	147.86 -7.30 0.00	152.09 -6.03 0.00	163.75 -6.77 0.00	167.12 -7.16 0.00	174.63 -8.24 0.00	157.39 -5.27 0.00	186.50 -9.24 0.00	258.32 -10.96 0.00	207.19 -8.46 0.00	184.00 -8.70 0.00	220.25 -9.65 0.00	206.06 -8.62 0.00	184.08 -8.34 0.00	165.61 -6.53 0.53	151.41 -6.06 5.35	176.31 -8.64 2.05	188.94 -10.00 0.54	490.40 -21.07 0.00	225.45 -9.62 0.00	168.15 -9.00 0.00	165.94 -7.67 4.67	161.05 -8.49 12.14	177.87 -7.46 0.00	185.67 -5.00 0.00
VALLEY___115KV_TB 1-4 80826	158.44 3.28 0.00	161.57 3.45 0.00	174.50 3.98 0.00	178.08 3.80 0.00	187.06 4.19 0.00	167.47 4.82 0.00	202.46 6.72 0.00	276.44 7.16 0.00	221.34 5.68 0.00	197.81 5.11 0.00	234.96 5.06 0.00	219.77 5.09 0.00	197.48 5.05 0.00	177.97 5.30 0.00	168.01 5.18 0.00	192.74 5.74 0.00	203.86 4.38 0.00	524.41 12.94 0.00	240.47 5.40 0.00	182.00 4.84 0.00	183.30 5.03 0.00	187.91 6.22 0.00	191.25 5.93 0.00	195.72 5.04 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	166.42 11.26 0.00	169.71 11.59 0.00	183.84 13.32 0.00	188.06 13.78 0.00	197.72 14.85 0.00	176.94 14.28 0.00	213.56 17.82 0.00	293.54 24.25 0.00	235.40 19.75 0.00	210.58 17.88 0.00	249.64 19.74 0.00	233.45 18.76 0.00	209.77 17.35 0.00	188.75 16.08 0.00	177.96 15.14 0.00	204.53 17.53 0.00	217.77 18.30 0.00	556.29 44.82 0.00	255.34 20.28 0.00	192.79 15.64 0.00	194.01 15.75 0.00	197.67 15.98 0.00	200.79 15.47 0.00	206.58 15.91 0.00
VISCHER___FERRY HYD 24020	161.51 6.35 0.00	164.41 6.28 0.00	177.38 6.86 0.00	181.20 6.93 0.00	190.33 7.46 0.00	170.57 7.91 0.00	205.01 9.26 0.00	280.68 11.39 0.00	225.32 9.66 0.00	201.77 9.06 0.00	239.76 9.86 0.00	223.62 8.93 0.00	201.93 9.50 0.00	182.18 9.51 0.00	171.60 8.78 0.00	196.11 9.10 0.00	207.50 8.03 0.00	530.45 18.97 0.00	242.71 7.65 0.00	183.56 6.40 0.00	185.14 6.87 0.00	189.80 8.11 0.00	192.96 7.64 0.00	198.07 7.40 0.00
V_A_10_SYNC_DSASP 323832	142.06 -13.10 0.00	145.85 -12.27 0.00	157.13 -13.39 0.00	160.47 -13.81 0.00	168.40 -14.47 0.00	151.35 -11.30 0.00	179.48 -16.26 0.00	248.39 -20.89 0.00	199.99 -15.67 0.00	177.76 -14.94 0.00	213.31 -16.58 0.00	198.50 -16.19 0.00	177.71 -14.72 0.00	157.50 -14.51 0.66	141.68 -14.55 6.59	167.18 -17.27 2.55	180.46 -18.35 0.67	472.27 -39.21 0.00	217.26 -17.80 0.00	161.64 -15.51 0.00	157.41 -15.12 5.74	149.68 -16.85 15.16	168.97 -16.35 0.00	176.80 -13.87 0.00
V_CMM_10_SYNC_DSASP 323787	154.76 -0.40 0.00	157.69 -0.44 0.00	169.84 -0.68 0.00	173.72 -0.55 0.00	181.87 -1.00 0.00	160.71 -1.95 0.00	193.54 -2.20 0.00	267.96 -1.33 0.00	213.72 -1.93 0.00	189.91 -2.79 0.00	228.87 -1.02 0.00	213.09 -1.59 0.00	189.26 -3.16 0.00	168.52 -4.15 0.00	159.20 -3.62 0.00	183.70 -3.30 0.00	198.11 -1.36 0.00	511.39 -0.08 0.00	235.88 0.82 0.00	176.32 -0.84 0.00	177.26 -1.01 0.00	180.34 -1.34 0.00	185.09 -0.23 0.00	190.97 0.29 0.00
V_CMP_10_SYNC_DSASP 323788	156.16 1.00 0.00	157.80 -0.33 0.00	169.97 -0.56 0.00	173.65 -0.62 0.00	181.49 -1.38 0.00	161.98 -0.68 0.00	195.89 0.15 0.00	270.93 1.64 0.00	216.94 1.28 0.00	193.26 0.56 0.00	230.77 0.87 0.00	214.53 -0.15 0.00	191.19 -1.23 0.00	170.29 -2.38 0.00	161.25 -1.58 0.00	186.05 -0.95 0.00	201.01 1.53 0.00	521.42 9.95 0.00	239.97 4.91 0.00	179.63 2.47 0.00	180.85 2.58 0.00	183.58 1.90 0.00	187.28 1.96 0.00	193.22 2.55 0.00
V_D_10_SYNC_DSASP 323841	156.76 1.61 0.00	159.72 1.60 0.00	172.03 1.50 0.00	175.91 1.64 0.00	184.06 1.20 0.00	162.65 -0.01 0.00	195.69 -0.05 0.00	271.06 1.77 0.00	216.05 0.40 0.00	191.77 -0.93 0.00	231.30 1.40 0.00	215.20 0.51 0.00	191.21 -1.21 0.00	170.30 -2.37 0.00	160.87 -1.95 0.00	185.56 -1.44 0.00	200.15 0.68 0.00	516.82 5.34 0.00	238.36 3.30 0.00	178.13 0.97 0.00	179.09 0.82 0.00	182.50 0.81 0.00	187.49 2.17 0.00	193.62 2.95 0.00
V_E_10_SYNC_DSASP 323830	169.71 14.55 0.00	173.67 15.54 0.00	186.09 15.57 0.00	188.81 14.54 0.00	197.59 14.72 0.00	178.74 16.08 0.00	217.51 21.77 0.00	298.00 28.71 0.00	237.60 21.95 0.00	213.44 20.74 0.00	254.65 24.76 0.00	238.29 23.60 0.00	210.30 17.88 0.00	188.68 15.80 -0.22	181.32 16.32 -2.18	207.45 19.61 -0.83	223.17 23.47 -0.22	576.96 65.49 0.00	263.85 28.79 0.00	197.12 19.96 0.00	199.29 19.11 -1.92	206.34 19.71 -4.95	203.42 18.10 0.00	209.82 19.15 0.00
V_F_30_NSYNC___DSASP 323816	163.95 8.79 0.00	166.89 8.76 0.00	180.08 9.56 0.00	183.99 9.71 0.00	193.38 10.51 0.00	173.59 10.93 0.00	209.00 13.26 0.00	286.67 17.39 0.00	229.59 13.93 0.00	205.25 12.55 0.00	244.12 14.22 0.00	227.65 12.97 0.00	205.20 12.78 0.00	185.07 12.40 0.00	174.34 11.52 0.00	199.66 12.66 0.00	211.84 12.36 0.00	542.81 31.34 0.00	248.57 13.50 0.00	187.75 10.59 0.00	189.32 11.05 0.00	193.67 11.99 0.00	196.62 11.30 0.00	201.80 11.13 0.00



V_F_30_SYNC_DSASP 323786	160.66 5.50 0.00	163.55 5.43 0.00	176.58 6.06 0.00	180.34 6.07 0.00	189.43 6.56 0.00	169.42 6.76 0.00	203.68 7.94 0.00	278.55 9.26 0.00	224.58 8.93 0.00	201.49 8.79 0.00	238.40 8.50 0.00	222.65 7.97 0.00	200.97 8.55 0.00	181.06 8.39 0.00	169.99 7.17 0.00	194.40 7.40 0.00	205.19 5.71 0.00	523.80 12.32 0.00	239.60 4.54 0.00	181.40 4.24 0.00	182.64 4.37 0.00	187.45 5.77 0.00	191.87 6.55 0.00	196.66 5.99 0.00
V_XM_10_SYNC_DSASP 323789	156.16 1.00 0.00	157.80 -0.33 0.00	169.97 -0.56 0.00	173.65 -0.62 0.00	181.49 -1.38 0.00	161.98 -0.68 0.00	195.89 0.15 0.00	270.93 1.64 0.00	216.94 1.28 0.00	193.26 0.56 0.00	230.77 0.87 0.00	214.53 -0.15 0.00	191.19 -1.23 0.00	170.29 -2.38 0.00	161.25 -1.58 0.00	186.05 -0.95 0.00	201.01 1.53 0.00	521.42 9.95 0.00	239.97 4.91 0.00	179.63 2.47 0.00	180.85 2.58 0.00	183.58 1.90 0.00	187.28 1.96 0.00	193.22 2.55 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	163.58 8.42 0.00	165.86 7.73 0.00	177.99 7.46 0.00	181.78 7.51 0.00	191.44 8.57 0.00	172.13 9.47 0.00	207.21 11.47 0.00	283.75 14.46 0.00	228.08 12.42 0.00	205.05 12.35 0.00	241.69 11.79 0.00	227.13 12.44 0.00	205.18 13.36 0.60	186.22 13.55 0.00	175.67 12.85 0.00	200.98 13.98 0.00	212.49 13.01 0.00	540.08 28.61 0.00	247.00 11.94 0.00	188.06 10.90 0.00	189.07 10.81 0.00	192.99 11.30 0.00	195.40 10.08 0.00	199.59 8.92 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	165.15 9.99 0.00	167.21 9.08 0.00	179.01 8.48 0.00	182.78 8.51 0.00	192.45 9.58 0.00	173.23 10.57 0.00	208.55 12.81 0.00	285.46 16.17 0.00	229.90 14.24 0.00	207.20 14.50 0.00	243.86 13.97 0.00	229.47 14.78 0.00	208.90 16.11 -0.36	188.92 16.25 0.00	178.14 15.32 0.00	203.82 16.82 0.00	215.31 15.83 0.00	546.35 34.87 0.00	249.96 14.89 0.00	190.41 13.25 0.00	191.47 13.20 0.00	195.40 13.71 0.00	197.83 12.51 0.00	201.92 11.24 0.00
W50THST__13_KV_LOAD 356117	165.83 10.67 0.00	167.87 9.74 0.00	179.63 9.11 0.00	183.38 9.10 0.00	193.07 10.21 0.00	173.92 11.26 0.00	209.43 13.69 0.00	286.73 17.45 0.00	231.01 15.35 0.00	208.32 15.62 0.00	245.22 15.33 0.00	230.79 16.10 0.00	210.09 17.30 -0.36	190.00 17.33 0.00	179.11 16.29 0.00	204.92 17.92 0.00	216.52 17.04 0.00	549.20 37.72 0.00	251.19 16.12 0.00	191.37 14.21 0.00	192.48 14.21 0.00	196.32 14.63 0.00	198.75 13.43 0.00	202.83 12.15 0.00
WADING RIVER_IC_1 23522	154.66 15.86 16.35	164.62 13.29 6.80	181.31 10.79 0.00	186.94 13.03 0.37	196.62 14.35 0.60	177.18 15.83 1.32	207.23 18.58 7.09	285.67 22.76 6.37	234.98 22.18 2.85	209.73 20.14 3.11	238.91 18.86 9.85	239.34 19.00 -5.65	212.93 19.62 -0.89	196.09 20.00 -3.43	190.98 19.25 -8.91	218.32 21.47 -9.85	228.83 19.98 -9.37	414.94 28.07 124.61	250.57 14.56 -0.95	205.34 15.51 -12.67	204.64 16.15 -10.22	198.77 18.27 1.19	187.33 18.49 16.47	193.85 15.54 12.36
WADING RIVER_IC_2 23547	154.66 15.86 16.35	164.62 13.29 6.80	181.31 10.79 0.00	186.94 13.03 0.37	196.62 14.35 0.60	177.18 15.83 1.32	207.23 18.58 7.09	285.67 22.76 6.37	234.98 22.18 2.85	209.73 20.14 3.11	238.91 18.86 9.85	239.34 19.00 -5.65	212.93 19.62 -0.89	196.09 20.00 -3.43	190.98 19.25 -8.91	218.32 21.47 -9.85	228.83 19.98 -9.37	414.94 28.07 124.61	250.57 14.56 -0.95	205.34 15.51 -12.67	204.64 16.15 -10.22	198.77 18.27 1.19	187.33 18.49 16.47	193.85 15.54 12.36
WADING RIVER_IC_3 23601	154.66 15.86 16.35	164.62 13.29 6.80	181.31 10.79 0.00	186.94 13.03 0.37	196.62 14.35 0.60	177.18 15.83 1.32	207.23 18.58 7.09	285.67 22.76 6.37	234.98 22.18 2.85	209.73 20.14 3.11	238.91 18.86 9.85	239.34 19.00 -5.65	212.93 19.62 -0.89	196.09 20.00 -3.43	190.98 19.25 -8.91	218.32 21.47 -9.85	228.83 19.98 -9.37	414.94 28.07 124.61	250.57 14.56 -0.95	205.34 15.51 -12.67	204.64 16.15 -10.22	198.77 18.27 1.19	187.33 18.49 16.47	193.85 15.54 12.36
WALDENNY_12_KV_BK2 80841	142.54 -12.62 0.00	146.64 -11.49 0.00	158.03 -12.50 0.00	161.41 -12.87 0.00	169.69 -13.18 0.00	152.87 -9.79 0.00	180.91 -14.82 0.00	251.20 -18.09 0.00	202.39 -13.27 0.00	179.75 -12.95 0.00	216.00 -13.90 0.00	201.03 -13.65 0.00	179.39 -13.03 0.00	157.99 -13.41 1.27	136.54 -13.51 12.77	165.93 -16.21 4.86	180.97 -17.24 1.27	478.16 -33.32 0.00	220.18 -14.89 0.00	162.99 -14.17 0.00	153.38 -13.75 11.13	136.85 -16.01 28.83	170.05 -15.27 0.00	178.62 -12.05 0.00
WALDEN__HYDRO 24148	163.75 8.58 0.00	166.17 8.05 0.00	178.56 8.03 0.00	182.41 8.13 0.00	191.92 9.05 0.00	172.41 9.75 0.00	207.69 11.95 0.00	284.70 15.41 0.00	228.89 13.23 0.00	205.58 12.88 0.00	242.61 12.72 0.00	227.63 12.95 0.00	205.85 13.57 0.14	186.29 13.62 0.00	175.77 12.95 0.00	201.14 14.14 0.00	212.83 13.35 0.00	541.84 30.36 0.00	248.05 12.99 0.00	188.49 11.33 0.00	189.55 11.28 0.00	193.37 11.68 0.00	195.94 10.62 0.00	200.25 9.57 0.00
WARRENSBURG____ 23737	165.30 10.14 0.00	168.30 10.17 0.00	181.59 11.07 0.00	185.56 11.28 0.00	195.18 12.31 0.00	175.79 13.13 0.00	212.07 16.33 0.00	290.98 21.69 0.00	232.75 17.09 0.00	207.71 15.00 0.00	247.01 17.11 0.00	230.31 15.62 0.00	207.15 14.73 0.00	187.22 14.55 0.00	176.60 13.78 0.00	202.20 15.20 0.00	214.68 15.20 0.00	551.52 40.04 0.00	252.50 17.43 0.00	190.48 13.33 0.00	192.30 14.03 0.00	196.65 14.97 0.00	199.30 13.98 0.00	204.58 13.91 0.00
WATERSIDE____6 8 9 23538	129.47 10.61 36.30	137.02 9.58 30.68	153.44 8.85 25.93	163.83 8.88 19.33	174.88 9.91 17.90	152.07 11.06 21.64	151.29 13.21 57.67	178.79 16.37 106.86	135.60 14.30 94.36	80.58 14.90 127.02	129.22 13.83 114.50	140.80 14.70 88.59	126.82 16.76 82.36	98.36 17.00 91.31	101.41 16.04 77.45	33.73 17.57 170.84	160.76 16.30 55.03	541.81 35.43 5.09	235.66 15.08 14.49	168.35 13.75 22.56	136.67 13.49 55.09	138.46 13.98 57.20	127.15 12.86 71.03	170.96 11.43 31.15
WATKINRD_115KV_LN8_ILLION 55919	157.86 2.70 0.00	160.84 2.71 0.00	173.62 3.10 0.00	177.32 3.05 0.00	186.18 3.32 0.00	166.45 3.79 0.00	200.77 5.03 0.00	274.99 5.70 0.00	220.40 4.75 0.00	196.99 4.29 0.00	234.06 4.16 0.00	218.67 3.99 0.00	196.70 4.28 0.00	177.18 4.51 0.00	167.12 4.30 0.00	191.62 4.62 0.00	203.05 3.57 0.00	521.11 9.64 0.00	238.96 3.90 0.00	180.73 3.57 0.00	181.95 3.69 0.00	186.19 4.51 0.00	189.47 4.15 0.00	194.22 3.54 0.00
WATSON__69_KV_BK 1 55734	159.48 15.50 11.18	166.43 13.01 4.70	181.19 10.67 0.00	186.88 12.85 0.24	196.20 13.73 0.40	177.17 15.39 0.88	208.99 18.15 4.90	288.48 23.23 4.04	238.53 21.87 -1.00	214.13 20.67 -0.76	243.61 20.03 6.31	245.02 20.90 -9.43	218.98 21.21 -5.35	200.89 21.10 -7.12	195.09 20.12 -12.14	222.66 22.43 -13.23	234.44 21.80 -13.16	435.47 37.62 113.63	258.76 19.53 -4.17	212.89 18.72 -17.02	210.09 18.05 -13.77	202.65 18.94 -2.02	192.78 18.02 10.56	197.57 15.44 8.55
WDELAWARE__HYD 323627	161.23 6.08 0.00	163.62 5.50 0.00	175.99 5.46 0.00	179.89 5.62 0.00	189.38 6.51 0.00	170.00 7.34 0.00	205.14 9.40 0.00	281.67 12.38 0.00	226.39 10.73 0.00	203.20 10.50 0.00	239.96 10.06 0.00	224.70 10.01 0.00	203.00 10.69 0.11	183.42 10.75 0.00	173.11 10.30 0.00	198.16 11.16 0.00	210.08 10.60 0.00	535.89 24.41 0.00	245.55 10.49 0.00	186.45 9.29 0.00	187.38 9.11 0.00	190.99 9.30 0.00	193.39 8.07 0.00	197.73 7.06 0.00

WEST BABYLON___IC 23714	170.63 15.06 -0.41	170.83 12.71 0.00	181.14 10.62 0.00	186.94 12.66 0.00	196.33 13.46 0.00	177.57 14.91 0.00	213.23 17.49 0.00	293.01 22.53 -1.20	246.34 21.05 -9.63	222.16 20.02 -9.44	250.93 19.42 -1.61	252.80 20.22 -17.90	228.38 20.62 -15.34	208.59 20.54 -15.38	201.78 19.56 -19.39	229.60 21.79 -20.81	242.33 21.18 -21.66	461.09 38.45 88.84	265.82 19.36 -11.40	222.10 18.18 -26.76	217.61 17.62 -21.72	209.26 18.35 -9.23	205.40 17.40 -2.68	205.61 14.93 0.00
WEST CANADA___HYD 24049	155.80 0.64 0.00	158.81 0.68 0.00	171.29 0.77 0.00	175.02 0.74 0.00	183.79 0.92 0.00	163.66 0.99 0.00	196.92 1.18 0.00	270.66 1.37 0.00	216.96 1.30 0.00	194.04 1.34 0.00	231.01 1.11 0.00	215.80 1.11 0.00	193.82 1.40 0.00	174.33 1.67 0.00	164.42 1.60 0.00	188.56 1.56 0.00	200.67 1.19 0.00	513.89 2.42 0.00	235.96 0.89 0.00	178.14 0.98 0.00	179.16 0.90 0.00	182.60 0.91 0.00	186.24 0.92 0.00	191.47 0.79 0.00
WESTERN_NY_WIND 24143	146.38 -8.78 0.00	150.37 -7.76 0.00	161.89 -8.63 0.00	165.33 -8.95 0.00	174.04 -8.83 0.00	156.76 -5.90 0.00	186.30 -9.44 0.00	258.86 -10.43 0.00	208.29 -7.37 0.00	184.64 -8.06 0.00	220.58 -9.32 0.00	204.91 -9.77 0.00	183.48 -8.94 0.00	162.95 -9.09 0.63	147.07 -9.42 6.33	173.49 -11.24 2.27	187.10 -11.82 0.56	492.92 -18.55 0.00	226.81 -8.27 -0.01	168.44 -8.73 -0.01	163.97 -8.79 5.51	157.45 -11.07 13.16	174.78 -10.54 0.00	182.89 -7.78 0.00
WESTOVER___LESR 323668	154.59 -0.57 0.00	158.12 -0.01 0.00	170.47 -0.05 0.00	173.99 -0.29 0.00	182.47 -0.39 0.00	163.41 0.75 0.00	196.37 0.63 0.00	269.67 0.38 0.00	216.23 0.58 0.00	193.23 0.53 0.00	229.81 -0.09 0.00	215.17 0.49 0.00	192.95 0.53 0.00	173.87 1.20 0.00	163.75 0.93 0.00	187.93 0.93 0.00	199.45 -0.03 0.00	512.46 0.98 0.00	235.95 0.88 0.00	177.69 0.54 0.00	178.92 0.66 0.00	182.14 0.45 0.00	185.40 0.08 0.00	191.38 0.70 0.00
WETHRSFD_WT_PWR 323626	142.03 -13.13 0.00	146.35 -11.78 0.00	158.22 -12.30 0.00	161.87 -12.40 0.00	170.35 -12.52 0.00	153.54 -9.12 0.00	182.04 -13.70 0.00	252.12 -17.17 0.00	202.71 -12.95 0.00	179.78 -12.92 0.00	215.09 -14.81 0.00	200.17 -14.52 0.00	177.66 -14.77 0.00	153.69 -14.57 4.41	103.88 -14.71 44.24	153.43 -16.66 16.91	177.39 -17.66 4.43	478.22 -33.26 0.00	221.36 -13.71 0.00	164.13 -13.02 0.00	127.07 -12.61 38.58	67.12 -14.21 100.35	171.35 -13.97 0.00	179.50 -11.18 0.00
WHAVSTOR_138KV_BK127 55557	162.93 7.77 0.00	165.18 7.05 0.00	177.19 6.67 0.00	180.97 6.69 0.00	190.62 7.75 0.00	171.39 8.73 0.00	206.22 10.48 0.00	282.27 12.99 0.00	226.88 11.23 0.00	204.02 11.32 0.00	240.39 10.49 0.00	225.95 11.26 0.00	204.18 12.36 0.61	185.28 12.61 0.00	174.84 12.02 0.00	199.94 12.94 0.00	211.46 11.98 0.00	537.13 25.65 0.00	245.74 10.67 0.00	187.06 9.90 0.00	188.09 9.83 0.00	192.04 10.35 0.00	194.51 9.18 0.00	198.67 8.00 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	162.93 7.77 0.00	165.18 7.05 0.00	177.19 6.67 0.00	180.97 6.69 0.00	190.62 7.75 0.00	171.39 8.73 0.00	206.22 10.48 0.00	282.27 12.99 0.00	226.88 11.23 0.00	204.02 11.32 0.00	240.39 10.49 0.00	225.95 11.26 0.00	204.18 12.36 0.61	185.28 12.61 0.00	174.84 12.02 0.00	199.94 12.94 0.00	211.46 11.98 0.00	537.13 25.65 0.00	245.74 10.67 0.00	187.06 9.90 0.00	188.09 9.83 0.00	192.04 10.35 0.00	194.51 9.18 0.00	198.67 8.00 0.00
WHITEHAL_115KV_TB1 80871	168.10 12.94 0.00	171.37 13.24 0.00	184.72 14.20 0.00	188.19 13.91 0.00	198.21 15.34 0.00	181.09 18.43 0.00	218.38 22.64 0.00	297.88 28.60 0.00	237.45 21.80 0.00	211.30 18.59 0.00	252.62 22.72 0.00	235.30 20.61 0.00	210.79 18.37 0.00	192.15 19.48 0.00	181.88 19.06 0.00	206.79 19.79 0.00	218.40 18.93 0.00	563.16 51.68 0.00	257.47 22.41 0.00	193.81 16.66 0.00	197.28 19.02 0.00	202.64 20.95 0.00	205.00 19.68 0.00	210.79 20.11 0.00
WHITEPLN_13_KV_LOAD 356215	166.08 10.92 0.00	168.35 10.23 0.00	180.40 9.88 0.00	184.24 9.96 0.00	193.91 11.04 0.00	174.54 11.87 0.00	210.30 14.56 0.00	288.21 18.93 0.00	231.99 16.34 0.00	208.83 16.12 0.00	246.12 16.22 0.00	231.31 16.62 0.00	210.18 17.37 -0.39	189.86 17.19 0.00	179.15 16.33 0.00	204.88 17.88 0.00	216.60 17.12 0.00	550.43 38.95 0.00	251.80 16.74 0.00	191.60 14.45 0.00	192.60 14.33 0.00	196.46 14.77 0.00	198.91 13.59 0.00	202.96 12.28 0.00
WM_FLOYD_69_KV_BK2 356380	154.11 15.01 16.06	164.04 12.59 6.68	180.57 10.05 0.00	186.11 12.20 0.36	195.38 13.10 0.58	176.34 14.97 1.29	206.29 17.52 6.97	284.56 21.52 6.24	234.00 20.98 2.63	209.42 19.61 2.89	238.65 18.40 9.65	239.52 18.97 -5.86	213.12 19.56 -1.14	196.17 19.86 -3.64	191.00 19.09 -9.09	218.33 21.29 -10.04	229.06 20.00 -9.58	417.32 29.82 123.97	251.97 15.78 -1.13	206.49 16.42 -12.91	205.20 16.51 -10.42	198.56 17.88 1.01	186.64 17.46 16.14	193.15 14.62 12.15
WOODARD___115KV_TB2 355635	152.06 -3.10 0.00	155.11 -3.02 0.00	167.28 -3.24 0.00	170.91 -3.37 0.00	179.37 -3.50 0.00	160.19 -2.47 0.00	192.80 -2.94 0.00	264.78 -4.51 0.00	212.42 -3.24 0.00	189.87 -2.83 0.00	225.67 -4.22 0.00	210.73 -3.95 0.00	189.26 -3.16 0.00	169.98 -2.69 0.00	160.05 -2.77 0.00	183.86 -3.14 0.00	195.92 -3.56 0.00	502.63 -8.85 0.00	231.18 -3.89 0.00	174.44 -2.72 0.00	175.51 -2.76 0.00	178.43 -3.26 0.00	181.55 -3.77 0.00	187.14 -3.53 0.00
YORK___WARBASSE 23770	403.73 11.80 -236.76	376.85 10.77 -207.95	355.01 10.26 -174.23	314.48 10.29 -129.91	314.55 11.38 -120.30	320.48 12.38 -145.44	598.10 14.83 -387.53	1006.06 18.63 -718.14	865.84 16.07 -634.11	1062.33 16.05 -853.57	1014.95 15.55 -769.50	826.51 16.50 -595.32	766.99 18.26 -556.30	806.69 18.23 -615.78	753.23 16.87 -573.54	1354.01 18.94 -1148.07	586.83 17.57 -369.78	585.20 39.52 -34.21	349.43 17.00 -97.37	343.81 15.07 -151.59	563.24 14.77 -370.20	581.27 15.17 -384.41	677.02 14.38 -477.33	412.97 12.99 -209.31