

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

12/07/2025

[illegible]



ALBANY___2 23572	126.17 4.03 0.00	118.98 3.69 0.00	114.11 3.54 0.00	112.75 3.50 0.00	118.34 3.45 0.00	115.90 3.38 0.00	118.47 3.34 0.00	123.24 3.12 0.00	123.36 3.01 0.00	124.69 3.16 0.00	127.10 3.70 0.00	128.47 3.86 0.00	134.77 4.05 0.00	137.25 4.38 0.00	136.58 3.33 0.00	140.39 3.69 0.00	159.78 3.90 0.00	180.87 4.24 0.00	169.13 4.29 0.00	152.93 4.31 0.00	141.76 3.86 0.00	130.55 3.93 0.00	130.04 4.28 0.00	124.71 3.98 0.00
ALBANY___3 23573	126.17 4.03 0.00	118.98 3.69 0.00	114.11 3.54 0.00	112.75 3.50 0.00	118.34 3.45 0.00	115.90 3.38 0.00	118.47 3.34 0.00	123.24 3.12 0.00	123.36 3.01 0.00	124.69 3.16 0.00	127.10 3.70 0.00	128.47 3.86 0.00	134.77 4.05 0.00	137.25 4.38 0.00	136.58 3.33 0.00	140.39 3.69 0.00	159.78 3.90 0.00	180.87 4.24 0.00	169.13 4.29 0.00	152.93 4.31 0.00	141.76 3.86 0.00	130.55 3.93 0.00	130.04 4.28 0.00	124.71 3.98 0.00
ALBANY___4 23574	126.17 4.03 0.00	118.98 3.69 0.00	114.11 3.54 0.00	112.75 3.50 0.00	118.34 3.45 0.00	115.90 3.38 0.00	118.47 3.34 0.00	123.24 3.12 0.00	123.36 3.01 0.00	124.69 3.16 0.00	127.10 3.70 0.00	128.47 3.86 0.00	134.77 4.05 0.00	137.25 4.38 0.00	136.58 3.33 0.00	140.39 3.69 0.00	159.78 3.90 0.00	180.87 4.24 0.00	169.13 4.29 0.00	152.93 4.31 0.00	141.76 3.86 0.00	130.55 3.93 0.00	130.04 4.28 0.00	124.71 3.98 0.00
ALBANY___LFGE 323615	127.15 5.01 0.00	120.02 4.73 0.00	115.00 4.43 0.00	113.51 4.26 0.00	119.25 4.36 0.00	116.80 4.27 0.00	119.27 4.14 0.00	124.20 4.09 0.00	124.45 4.09 0.00	125.78 4.25 0.00	128.21 4.81 0.00	129.46 4.85 0.00	136.08 5.36 0.00	138.45 5.58 0.00	137.78 4.53 0.00	141.76 5.06 0.00	161.34 5.45 0.00	182.64 6.01 0.00	170.77 5.93 0.00	154.26 5.65 0.00	143.14 5.24 0.00	131.69 5.07 0.00	131.04 5.28 0.00	125.68 4.95 0.00
ALCOA_PA_115KV_PL-6C 55860	122.99 0.85 0.00	116.56 1.27 0.00	111.78 1.22 0.00	110.67 1.42 0.00	116.73 1.84 0.00	114.32 1.80 0.00	117.20 2.07 0.00	122.28 2.16 0.00	122.40 2.05 0.00	123.11 1.58 0.00	124.26 0.86 0.00	125.35 0.75 0.00	131.51 0.78 0.00	133.53 0.66 0.00	134.18 0.93 0.00	137.66 0.96 0.00	157.13 1.25 0.00	177.86 1.24 0.00	165.67 0.82 0.00	149.36 0.74 0.00	138.87 0.97 0.00	127.13 0.51 0.00	126.77 1.01 0.00	121.81 1.09 0.00
ALCOA_RYNLDS___DRP 24188	122.99 0.85 0.00	116.56 1.27 0.00	111.78 1.22 0.00	110.67 1.42 0.00	116.73 1.84 0.00	114.32 1.80 0.00	117.20 2.07 0.00	122.28 2.16 0.00	122.40 2.05 0.00	123.11 1.58 0.00	124.26 0.86 0.00	125.35 0.75 0.00	131.51 0.78 0.00	133.53 0.66 0.00	134.18 0.93 0.00	137.66 0.96 0.00	157.13 1.25 0.00	177.86 1.24 0.00	165.67 0.82 0.00	149.36 0.74 0.00	138.87 0.97 0.00	127.13 0.51 0.00	126.77 1.01 0.00	121.81 1.09 0.00
ALCOA___DSASP 323711	122.99 0.85 0.00	116.56 1.27 0.00	111.78 1.22 0.00	110.67 1.42 0.00	116.73 1.84 0.00	114.32 1.80 0.00	117.20 2.07 0.00	122.28 2.16 0.00	122.40 2.05 0.00	123.11 1.58 0.00	124.26 0.86 0.00	125.35 0.75 0.00	131.51 0.78 0.00	133.53 0.66 0.00	134.18 0.93 0.00	137.66 0.96 0.00	157.13 1.25 0.00	177.86 1.24 0.00	165.67 0.82 0.00	149.36 0.74 0.00	138.87 0.97 0.00	127.13 0.51 0.00	126.77 1.01 0.00	121.81 1.09 0.00
ALLEGHENY___COGEN 23514	118.59 -3.55 0.00	112.30 -3.00 0.00	107.81 -2.76 0.00	106.63 -2.62 0.00	111.45 -3.44 0.00	109.03 -3.49 0.00	111.79 -3.34 0.00	117.72 -2.40 0.00	117.71 -2.65 0.00	118.97 -2.56 0.00	113.28 -10.12 0.00	114.01 -10.59 0.00	118.57 -12.15 0.00	119.19 -13.68 0.00	118.85 -14.39 0.00	122.08 -14.62 0.00	140.62 -15.27 0.00	158.80 -17.83 0.00	147.54 -17.31 0.00	133.61 -15.00 0.00	124.25 -13.65 0.00	114.22 -12.40 0.00	113.31 -12.45 0.00	116.01 -4.71 0.00
ALTAMONT_115KV_TB 2 55880	125.32 3.18 0.00	118.18 2.88 0.00	113.44 2.87 0.00	111.98 2.73 0.00	117.65 2.76 0.00	115.22 2.70 0.00	117.78 2.65 0.00	122.52 2.40 0.00	122.76 2.41 0.00	124.08 2.55 0.00	126.36 2.96 0.00	127.72 3.12 0.00	133.99 3.27 0.00	136.45 3.59 0.00	136.44 3.20 0.00	140.12 3.42 0.00	159.63 3.74 0.00	180.87 4.24 0.00	169.13 4.29 0.00	152.78 4.16 0.00	141.63 3.72 0.00	130.17 3.55 0.00	129.16 3.40 0.00	123.86 3.14 0.00
ALTONA_WT_PWR 323606	122.38 0.24 0.00	115.64 0.35 0.00	111.24 0.67 0.00	110.23 0.98 0.00	116.38 1.49 0.00	114.09 1.57 0.00	117.09 1.96 0.00	121.44 1.32 0.00	120.96 0.60 0.00	122.14 0.61 0.00	123.15 -0.25 0.00	124.23 -0.37 0.00	130.59 -0.13 0.00	132.60 -0.27 0.00	133.24 0.00 0.00	136.70 0.00 0.00	156.20 0.31 0.00	176.80 0.18 0.00	164.68 -0.16 0.00	148.47 -0.15 0.00	138.04 0.14 0.00	126.37 -0.25 0.00	125.64 -0.13 0.00	120.36 -0.36 0.00
AMERICAN_REF_FUEL 24010	112.49 -9.65 0.00	107.11 -8.18 0.00	103.16 -7.41 0.00	101.82 -7.43 0.00	106.15 -8.74 0.00	103.86 -8.66 0.00	105.69 -9.44 0.00	109.19 -10.93 0.00	109.28 -11.07 0.00	111.44 -10.09 0.00	112.91 -10.49 0.00	113.76 -10.84 0.00	117.92 -12.81 0.00	117.72 -15.15 0.00	116.85 -16.39 0.00	118.52 -18.18 0.00	135.15 -20.73 0.00	152.96 -23.66 0.00	142.59 -22.26 0.00	126.91 -21.70 0.00	119.01 -18.89 0.00	110.91 -15.71 0.00	110.42 -15.35 0.00	110.22 -10.50 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	117.37 -4.77 0.00	111.49 -3.80 0.00	107.47 -3.10 0.00	105.86 -3.39 0.00	110.29 -4.60 0.00	107.57 -4.95 0.00	109.61 -5.52 0.00	114.83 -5.28 0.00	114.82 -5.53 0.00	117.03 -4.49 0.00	118.58 -4.81 0.00	119.49 -5.11 0.00	123.92 -6.80 0.00	124.09 -8.77 0.00	123.39 -9.86 0.00	125.50 -11.21 0.00	143.26 -12.62 0.00	162.49 -14.14 0.00	151.17 -13.68 0.00	134.35 -14.27 0.00	125.63 -12.27 0.00	116.37 -10.25 0.00	115.95 -9.81 0.00	113.72 -7.01 0.00
ARTHUR KILL_GT_1 23520	126.66 4.52 0.00	118.87 3.57 0.00	113.66 3.10 0.00	112.09 2.84 0.00	117.65 2.76 0.00	113.98 1.46 0.00	116.63 1.50 0.00	120.60 0.48 0.00	121.08 0.72 0.00	122.74 1.22 0.00	125.74 2.34 0.00	127.35 2.74 0.00	133.86 3.14 0.00	137.12 4.25 0.00	137.51 4.26 0.00	140.67 3.96 0.00	160.56 4.68 0.00	182.63 6.01 0.00	170.62 5.77 0.00	154.26 5.65 0.00	142.32 4.41 0.00	131.30 4.68 0.00	129.91 4.15 0.00	125.43 4.71 0.00
ARTHUR_KILL_2 23512	126.29 4.16 0.00	118.52 3.22 0.00	113.33 2.77 0.00	111.87 2.62 0.00	117.31 2.42 0.00	113.65 1.13 0.00	116.28 1.15 0.00	120.35 0.24 0.01	120.95 0.60 0.01	122.61 1.09 0.01	125.49 2.10 0.01	126.84 2.25 0.01	133.59 2.87 0.01	136.72 3.86 0.01	136.96 3.73 0.01	140.24 3.55 0.01	159.92 4.05 0.01	182.10 5.48 0.01	170.11 5.27 0.01	153.81 5.20 0.01	141.75 3.86 0.01	130.79 4.17 0.00	129.41 3.65 0.00	125.06 4.34 0.00
ARTHUR_KILL_3 23513	125.68 3.54 0.00	118.29 2.99 0.00	113.22 2.65 0.00	111.76 2.51 0.00	117.31 2.42 0.00	114.55 2.03 0.00	117.66 2.53 0.00	122.28 2.16 0.00	122.89 2.53 0.00	124.33 2.80 0.00	127.23 3.83 0.00	128.71 4.11 0.00	135.42 4.70 0.00	138.45 5.58 0.00	138.71 5.47 0.00	142.03 5.33 0.00	161.96 6.07 0.00	184.22 7.59 0.00	172.09 7.25 0.00	155.46 6.84 0.00	143.56 5.66 0.00	132.06 5.44 0.00	130.28 4.52 0.00	124.95 4.22 0.00



ARTHUR_KILL_COGEN 323718	126.66 4.52 0.00	118.87 3.58 0.00	113.66 3.09 0.00	112.20 2.95 0.00	117.64 2.75 0.00	113.98 1.46 0.00	116.63 1.49 0.00	120.71 0.60 0.01	121.30 0.96 0.01	122.98 1.46 0.01	125.86 2.47 0.01	127.22 2.62 0.01	133.98 3.27 0.01	137.11 4.25 0.01	137.50 4.26 0.01	140.66 3.97 0.01	160.55 4.67 0.01	182.63 6.01 0.01	170.61 5.77 0.01	154.25 5.65 0.01	142.31 4.41 0.01	131.17 4.55 0.00	129.79 4.02 0.00	125.56 4.83 0.00
ASHOKAN____ 23654	129.34 7.20 0.00	121.63 6.34 0.00	116.31 5.75 0.00	114.60 5.35 0.00	120.40 5.51 0.00	117.59 5.07 0.00	120.19 5.06 0.00	124.56 4.45 0.00	123.24 2.88 0.00	123.83 2.30 0.00	126.48 3.09 0.00	127.47 2.87 0.00	134.38 3.66 0.00	137.64 4.78 0.00	138.18 4.93 0.00	142.44 5.74 0.00	163.52 7.64 0.00	185.63 9.00 0.00	173.09 8.24 0.00	156.04 7.43 0.00	144.79 6.89 0.00	133.20 6.58 0.00	132.05 6.29 0.00	126.03 5.31 0.00
ASTORIA_EAST_ENERGY_CC1 323581	127.39 5.25 0.00	119.79 4.49 -0.01	114.21 3.64 0.00	112.85 3.60 0.00	118.22 3.33 0.00	114.21 1.69 0.00	116.96 1.84 0.01	121.43 1.32 0.01	122.03 1.68 0.01	123.71 2.19 0.01	126.48 3.09 0.01	127.96 3.37 0.01	134.63 3.92 0.01	137.64 4.78 0.01	138.03 4.79 0.01	141.20 4.50 0.01	161.01 5.14 0.01	183.16 6.54 0.01	171.10 6.26 0.01	154.85 6.24 0.01	142.85 4.96 0.01	131.42 4.81 0.01	130.16 4.40 0.00	126.28 5.56 0.00
ASTORIA_EAST_ENERGY_CC2 323582	127.39 5.25 0.00	119.79 4.49 -0.01	114.21 3.64 0.00	112.85 3.60 0.00	118.22 3.33 0.00	114.21 1.69 0.00	116.96 1.84 0.01	121.43 1.32 0.01	122.03 1.68 0.01	123.71 2.19 0.01	126.59 3.20 0.01	127.96 3.37 0.01	134.63 3.92 0.01	137.64 4.78 0.01	138.03 4.79 0.01	141.20 4.50 0.01	161.01 5.14 0.01	183.16 6.54 0.01	171.10 6.26 0.01	154.85 6.24 0.01	142.85 4.96 0.01	131.42 4.81 0.01	130.16 4.40 0.00	126.28 5.56 0.00
ASTORIA_GT2_1 24094	127.39 5.25 0.00	119.79 4.50 0.00	114.33 3.76 0.00	112.86 3.61 0.00	118.22 3.33 0.00	114.32 1.80 0.00	117.09 1.96 0.00	121.44 1.32 0.00	121.92 1.56 0.00	123.59 2.07 0.00	126.61 3.21 0.00	128.10 3.49 0.00	134.64 3.92 0.00	137.78 4.92 0.00	138.04 4.80 0.00	141.35 4.65 0.00	161.19 5.30 0.00	183.34 6.71 0.00	171.28 6.43 0.00	154.86 6.24 0.00	142.87 4.96 0.00	131.56 4.94 0.00	130.29 4.53 0.00	126.16 5.43 0.00
ASTORIA_GT2_2 24095	127.39 5.25 0.00	119.79 4.50 0.00	114.33 3.76 0.00	112.86 3.61 0.00	118.22 3.33 0.00	114.32 1.80 0.00	117.09 1.96 0.00	121.44 1.32 0.00	121.92 1.56 0.00	123.59 2.07 0.00	126.61 3.21 0.00	128.10 3.49 0.00	134.64 3.92 0.00	137.78 4.92 0.00	138.04 4.80 0.00	141.35 4.65 0.00	161.19 5.30 0.00	183.34 6.71 0.00	171.28 6.43 0.00	154.86 6.24 0.00	142.87 4.96 0.00	131.56 4.94 0.00	130.29 4.53 0.00	126.16 5.43 0.00
ASTORIA_GT2_3 24096	127.39 5.25 0.00	119.79 4.50 0.00	114.33 3.76 0.00	112.86 3.61 0.00	118.22 3.33 0.00	114.32 1.80 0.00	117.09 1.96 0.00	121.44 1.32 0.00	121.92 1.56 0.00	123.59 2.07 0.00	126.61 3.21 0.00	128.10 3.49 0.00	134.64 3.92 0.00	137.78 4.92 0.00	138.04 4.80 0.00	141.35 4.65 0.00	161.19 5.30 0.00	183.34 6.71 0.00	171.28 6.43 0.00	154.86 6.24 0.00	142.87 4.96 0.00	131.56 4.94 0.00	130.29 4.53 0.00	126.16 5.43 0.00
ASTORIA_GT2_4 24097	127.39 5.25 0.00	119.79 4.50 0.00	114.33 3.76 0.00	112.86 3.61 0.00	118.22 3.33 0.00	114.32 1.80 0.00	117.09 1.96 0.00	121.44 1.32 0.00	121.92 1.56 0.00	123.59 2.07 0.00	126.61 3.21 0.00	128.10 3.49 0.00	134.64 3.92 0.00	137.78 4.92 0.00	138.04 4.80 0.00	141.35 4.65 0.00	161.19 5.30 0.00	183.34 6.71 0.00	171.28 6.43 0.00	154.86 6.24 0.00	142.87 4.96 0.00	131.56 4.94 0.00	130.29 4.53 0.00	126.16 5.43 0.00
ASTORIA_GT3_1 24098	127.39 5.25 0.00	119.79 4.50 0.00	114.33 3.76 0.00	112.86 3.61 0.00	118.22 3.33 0.00	114.32 1.80 0.00	117.09 1.96 0.00	121.44 1.32 0.00	121.92 1.56 0.00	123.59 2.07 0.00	126.61 3.21 0.00	128.10 3.49 0.00	134.64 3.92 0.00	137.78 4.92 0.00	138.04 4.80 0.00	141.35 4.65 0.00	161.19 5.30 0.00	183.34 6.71 0.00	171.28 6.43 0.00	154.86 6.24 0.00	142.87 4.96 0.00	131.56 4.94 0.00	130.29 4.53 0.00	126.16 5.43 0.00
ASTORIA_GT3_2 24099	127.39 5.25 0.00	119.79 4.50 0.00	114.33 3.76 0.00	112.86 3.61 0.00	118.22 3.33 0.00	114.32 1.80 0.00	117.09 1.96 0.00	121.44 1.32 0.00	121.92 1.56 0.00	123.59 2.07 0.00	126.61 3.21 0.00	128.10 3.49 0.00	134.64 3.92 0.00	137.78 4.92 0.00	138.04 4.80 0.00	141.35 4.65 0.00	161.19 5.30 0.00	183.34 6.71 0.00	171.28 6.43 0.00	154.86 6.24 0.00	142.87 4.96 0.00	131.56 4.94 0.00	130.29 4.53 0.00	126.16 5.43 0.00
ASTORIA_GT3_3 24100	127.39 5.25 0.00	119.79 4.50 0.00	114.33 3.76 0.00	112.86 3.61 0.00	118.22 3.33 0.00	114.32 1.80 0.00	117.09 1.96 0.00	121.44 1.32 0.00	121.92 1.56 0.00	123.59 2.07 0.00	126.61 3.21 0.00	128.10 3.49 0.00	134.64 3.92 0.00	137.78 4.92 0.00	138.04 4.80 0.00	141.35 4.65 0.00	161.19 5.30 0.00	183.34 6.71 0.00	171.28 6.43 0.00	154.86 6.24 0.00	142.87 4.96 0.00	131.56 4.94 0.00	130.29 4.53 0.00	126.16 5.43 0.00
ASTORIA_GT3_4 24101	127.39 5.25 0.00	119.79 4.50 0.00	114.33 3.76 0.00	112.86 3.61 0.00	118.22 3.33 0.00	114.32 1.80 0.00	117.09 1.96 0.00	121.44 1.32 0.00	121.92 1.56 0.00	123.59 2.07 0.00	126.61 3.21 0.00	128.10 3.49 0.00	134.64 3.92 0.00	137.78 4.92 0.00	138.04 4.80 0.00	141.35 4.65 0.00	161.19 5.30 0.00	183.34 6.71 0.00	171.28 6.43 0.00	154.86 6.24 0.00	142.87 4.96 0.00	131.56 4.94 0.00	130.29 4.53 0.00	126.16 5.43 0.00
ASTORIA_GT4_1 24102	127.39 5.25 0.00	119.79 4.50 0.00	114.33 3.76 0.00	112.86 3.61 0.00	118.22 3.33 0.00	114.32 1.80 0.00	117.09 1.96 0.00	121.44 1.32 0.00	121.92 1.56 0.00	123.59 2.07 0.00	126.61 3.21 0.00	128.10 3.49 0.00	134.64 3.92 0.00	137.78 4.92 0.00	138.04 4.80 0.00	141.35 4.65 0.00	161.19 5.30 0.00	183.34 6.71 0.00	171.28 6.43 0.00	154.86 6.24 0.00	142.87 4.96 0.00	131.56 4.94 0.00	130.29 4.53 0.00	126.16 5.43 0.00
ASTORIA_GT4_2 24103	127.39 5.25 0.00	119.79 4.50 0.00	114.33 3.76 0.00	112.86 3.61 0.00	118.22 3.33 0.00	114.32 1.80 0.00	117.09 1.96 0.00	121.44 1.32 0.00	121.92 1.56 0.00	123.59 2.07 0.00	126.61 3.21 0.00	128.10 3.49 0.00	134.64 3.92 0.00	137.78 4.92 0.00	138.04 4.80 0.00	141.35 4.65 0.00	161.19 5.30 0.00	183.34 6.71 0.00	171.28 6.43 0.00	154.86 6.24 0.00	142.87 4.96 0.00	131.56 4.94 0.00	130.29 4.53 0.00	126.16 5.43 0.00
ASTORIA_GT4_3 24104	127.39 5.25 0.00	119.79 4.50 0.00	114.33 3.76 0.00	112.86 3.61 0.00	118.22 3.33 0.00	114.32 1.80 0.00	117.09 1.96 0.00	121.44 1.32 0.00	121.92 1.56 0.00	123.59 2.07 0.00	126.61 3.21 0.00	128.10 3.49 0.00	134.64 3.92 0.00	137.78 4.92 0.00	138.04 4.80 0.00	141.35 4.65 0.00	161.19 5.30 0.00	183.34 6.71 0.00	171.28 6.43 0.00	154.86 6.24 0.00	142.87 4.96 0.00	131.56 4.94 0.00	130.29 4.53 0.00	126.16 5.43 0.00



ASTORIA_GT4_4 24105	127.39 5.25 0.00	119.79 4.50 0.00	114.33 3.76 0.00	112.86 3.61 0.00	118.22 3.33 0.00	114.32 1.80 0.00	117.09 1.96 0.00	121.44 1.32 0.00	121.92 1.56 0.00	123.59 2.07 0.00	126.61 3.21 0.00	128.10 3.49 0.00	134.64 3.92 0.00	137.78 4.92 0.00	138.04 4.80 0.00	141.35 4.65 0.00	161.19 5.30 0.00	183.34 6.71 0.00	171.28 6.43 0.00	154.86 6.24 0.00	142.87 4.96 0.00	131.56 4.94 0.00	130.29 4.53 0.00	126.16 5.43 0.00
ASTORIA_GT_1 23523	127.64 5.50 0.00	120.02 4.73 0.00	114.55 3.98 0.00	112.96 3.71 0.00	118.45 3.56 0.00	114.43 1.91 0.00	117.20 2.07 0.00	121.56 1.44 0.00	122.16 1.81 0.00	123.84 2.31 0.00	126.85 3.46 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.31 5.06 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.69 7.07 0.00	171.61 6.76 0.00	155.15 6.54 0.00	143.14 5.24 0.00	131.81 5.19 0.00	130.54 4.78 0.00	126.40 5.67 0.00
ASTORIA_GT_10 24110	126.78 4.64 0.00	119.10 3.80 0.00	114.00 3.43 0.00	112.53 3.28 0.00	117.99 3.10 0.00	114.66 2.14 0.00	117.67 2.53 0.00	121.92 1.80 0.00	122.52 2.17 0.00	124.08 2.55 0.00	127.10 3.70 0.00	128.72 4.11 0.00	135.17 4.44 0.00	138.32 5.45 0.00	138.57 5.33 0.00	141.90 5.19 0.00	161.81 5.92 0.00	183.87 7.24 0.00	171.94 7.09 0.00	155.45 6.84 0.00	143.42 5.52 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.67 4.95 0.00
ASTORIA_GT_11 24225	126.78 4.64 0.00	119.10 3.80 0.00	114.00 3.43 0.00	112.53 3.28 0.00	117.99 3.10 0.00	114.66 2.14 0.00	117.67 2.53 0.00	121.92 1.80 0.00	122.52 2.17 0.00	124.08 2.55 0.00	127.10 3.70 0.00	128.72 4.11 0.00	135.17 4.44 0.00	138.32 5.45 0.00	138.57 5.33 0.00	141.90 5.19 0.00	161.81 5.92 0.00	183.87 7.24 0.00	171.94 7.09 0.00	155.45 6.84 0.00	143.42 5.52 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.67 4.95 0.00
ASTORIA_GT_12 24226	126.78 4.64 0.00	119.10 3.80 0.00	114.00 3.43 0.00	112.53 3.28 0.00	117.99 3.10 0.00	114.66 2.14 0.00	117.67 2.53 0.00	121.92 1.80 0.00	122.52 2.17 0.00	124.08 2.55 0.00	127.10 3.70 0.00	128.72 4.11 0.00	135.17 4.44 0.00	138.32 5.45 0.00	138.57 5.33 0.00	141.90 5.19 0.00	161.81 5.92 0.00	183.87 7.24 0.00	171.94 7.09 0.00	155.45 6.84 0.00	143.42 5.52 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.67 4.95 0.00
ASTORIA_GT_13 24227	126.78 4.64 0.00	119.10 3.80 0.00	114.00 3.43 0.00	112.53 3.28 0.00	117.99 3.10 0.00	114.66 2.14 0.00	117.67 2.53 0.00	121.92 1.80 0.00	122.52 2.17 0.00	124.08 2.55 0.00	127.10 3.70 0.00	128.72 4.11 0.00	135.17 4.44 0.00	138.32 5.45 0.00	138.57 5.33 0.00	141.90 5.19 0.00	161.81 5.92 0.00	183.87 7.24 0.00	171.94 7.09 0.00	155.45 6.84 0.00	143.42 5.52 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.67 4.95 0.00
ASTORIA_GT_5 24106	127.64 5.50 0.00	120.02 4.73 0.00	114.55 3.98 0.00	112.96 3.71 0.00	118.45 3.56 0.00	114.43 1.91 0.00	117.20 2.07 0.00	121.56 1.44 0.00	122.16 1.81 0.00	123.84 2.31 0.00	126.85 3.46 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.31 5.06 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.69 7.07 0.00	171.61 6.76 0.00	155.15 6.54 0.00	143.14 5.24 0.00	131.81 5.19 0.00	130.54 4.78 0.00	126.40 5.67 0.00
ASTORIA_GT_7 24107	127.64 5.50 0.00	120.02 4.73 0.00	114.55 3.98 0.00	112.96 3.71 0.00	118.45 3.56 0.00	114.43 1.91 0.00	117.20 2.07 0.00	121.56 1.44 0.00	122.16 1.81 0.00	123.84 2.31 0.00	126.85 3.46 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.31 5.06 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.69 7.07 0.00	171.61 6.76 0.00	155.15 6.54 0.00	143.14 5.24 0.00	131.81 5.19 0.00	130.54 4.78 0.00	126.40 5.67 0.00
ASTORIA_GT_8 24108	127.64 5.50 0.00	120.02 4.73 0.00	114.55 3.98 0.00	112.96 3.71 0.00	118.45 3.56 0.00	114.43 1.91 0.00	117.20 2.07 0.00	121.56 1.44 0.00	122.16 1.81 0.00	123.84 2.31 0.00	126.85 3.46 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.31 5.06 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.69 7.07 0.00	171.61 6.76 0.00	155.15 6.54 0.00	143.14 5.24 0.00	131.81 5.19 0.00	130.54 4.78 0.00	126.40 5.67 0.00
ASTORIA___2 24149	127.39 5.25 0.00	119.79 4.49 -0.01	114.33 3.76 0.00	112.97 3.72 0.00	118.22 3.33 0.00	114.32 1.79 0.00	117.08 1.96 0.01	121.56 1.45 0.01	122.15 1.81 0.01	123.71 2.19 0.01	126.59 3.20 0.01	128.08 3.48 0.01	134.77 4.06 0.01	137.78 4.92 0.01	138.03 4.79 0.01	141.34 4.65 0.01	161.18 5.30 0.01	183.33 6.71 0.01	171.26 6.42 0.01	154.85 6.24 0.01	142.85 4.96 0.01	131.55 4.93 0.01	130.16 4.40 0.00	126.28 5.56 0.00
ASTORIA___3 23516	126.78 4.64 0.00	119.09 3.80 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.65 2.13 0.00	117.55 2.42 0.00	122.16 2.04 0.00	122.63 2.28 0.00	124.33 2.80 0.00	127.10 3.70 0.00	128.59 3.99 0.00	135.30 4.57 0.00	138.32 5.45 0.00	138.58 5.34 0.00	141.90 5.19 0.00	161.81 5.92 0.00	183.87 7.24 0.00	171.93 7.08 0.00	155.46 6.84 0.00	143.42 5.52 0.00	132.06 5.44 0.00	130.42 4.66 0.00	125.91 5.19 0.00
ASTORIA___4 23517	126.78 4.64 0.00	119.10 3.80 0.00	114.00 3.43 0.00	112.53 3.28 0.00	117.99 3.10 0.00	114.66 2.14 0.00	117.67 2.53 0.00	121.92 1.80 0.00	122.52 2.17 0.00	124.08 2.55 0.00	127.10 3.70 0.00	128.59 3.99 0.00	135.17 4.44 0.00	138.32 5.45 0.00	138.57 5.33 0.00	141.90 5.19 0.00	161.81 5.92 0.00	183.87 7.24 0.00	171.94 7.09 0.00	155.45 6.84 0.00	143.42 5.52 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.67 4.95 0.00
ASTORIA___5 23518	126.78 4.64 0.00	119.09 3.80 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.65 2.13 0.00	117.55 2.42 0.00	122.16 2.04 0.00	122.63 2.28 0.00	124.33 2.80 0.00	127.10 3.70 0.00	128.59 3.99 0.00	135.30 4.57 0.00	138.32 5.45 0.00	138.58 5.34 0.00	141.90 5.19 0.00	161.81 5.92 0.00	183.87 7.24 0.00	171.93 7.08 0.00	155.46 6.84 0.00	143.42 5.52 0.00	132.06 5.44 0.00	130.42 4.66 0.00	125.91 5.19 0.00
AST_ENERGY_2_CC3 323677	126.05 3.91 0.00	118.42 3.11 -0.01	113.00 2.43 0.00	111.65 2.40 0.00	116.96 2.07 0.00	112.97 0.45 0.00	115.70 0.58 0.01	120.11 0.00 0.01	120.71 0.36 0.01	122.38 0.86 0.01	125.12 1.73 0.01	126.59 1.99 0.01	133.19 2.48 0.01	136.31 3.45 0.01	136.57 3.33 0.01	139.70 3.00 0.01	159.47 3.59 0.01	181.20 4.58 0.01	169.45 4.61 0.01	153.22 4.61 0.01	141.34 3.45 0.01	130.03 3.42 0.01	128.78 3.01 0.00	124.95 4.22 0.00
AST_ENERGY_2_CC4 323678	126.05 3.91 0.00	118.42 3.11 -0.01	113.00 2.43 0.00	111.65 2.40 0.00	116.96 2.07 0.00	112.97 0.45 0.00	115.70 0.58 0.01	120.11 0.00 0.01	120.71 0.36 0.01	122.38 0.86 0.01	125.12 1.73 0.01	126.59 1.99 0.01	133.19 2.48 0.01	136.31 3.45 0.01	136.57 3.33 0.01	139.70 3.00 0.01	159.47 3.59 0.01	181.20 4.58 0.01	169.45 4.61 0.01	153.22 4.61 0.01	141.34 3.45 0.01	130.03 3.42 0.01	128.78 3.01 0.00	124.95 4.22 0.00



ATHENS_STG_1 23668	125.44 3.30 0.00	118.29 2.99 0.00	113.44 2.87 0.00	111.98 2.73 0.00	117.64 2.75 0.00	115.11 2.59 0.00	117.78 2.65 0.00	122.64 2.53 0.00	122.89 2.53 0.00	124.20 2.67 0.00	126.60 3.20 0.00	127.84 3.23 0.00	134.38 3.66 0.00	136.99 4.12 0.00	137.11 3.87 0.00	140.80 4.10 0.00	160.41 4.52 0.00	181.92 5.29 0.00	169.96 5.12 0.00	153.67 5.06 0.00	142.18 4.28 0.00	130.67 4.05 0.00	129.41 3.65 0.00	124.10 3.38 0.00
ATHENS_STG_2 23670	125.44 3.30 0.00	118.29 2.99 0.00	113.44 2.87 0.00	111.98 2.73 0.00	117.64 2.75 0.00	115.11 2.59 0.00	117.78 2.65 0.00	122.64 2.53 0.00	122.89 2.53 0.00	124.20 2.67 0.00	126.60 3.20 0.00	127.84 3.23 0.00	134.38 3.66 0.00	136.99 4.12 0.00	137.11 3.87 0.00	140.80 4.10 0.00	160.41 4.52 0.00	181.92 5.29 0.00	169.96 5.12 0.00	153.67 5.06 0.00	142.18 4.28 0.00	130.67 4.05 0.00	129.41 3.65 0.00	124.10 3.38 0.00
ATHENS_STG_3 23677	125.44 3.30 0.00	118.29 2.99 0.00	113.44 2.87 0.00	111.98 2.73 0.00	117.64 2.75 0.00	115.11 2.59 0.00	117.78 2.65 0.00	122.64 2.53 0.00	122.89 2.53 0.00	124.20 2.67 0.00	126.60 3.20 0.00	127.84 3.23 0.00	134.38 3.66 0.00	136.99 4.12 0.00	137.11 3.87 0.00	140.80 4.10 0.00	160.41 4.52 0.00	181.92 5.29 0.00	169.96 5.12 0.00	153.67 5.06 0.00	142.18 4.28 0.00	130.67 4.05 0.00	129.41 3.65 0.00	124.10 3.38 0.00
AUBURN___LFGE 323710	120.55 -1.59 0.00	113.79 -1.50 0.00	109.24 -1.33 0.00	107.83 -1.42 0.00	113.17 -1.72 0.00	110.83 -1.69 0.00	113.41 -1.73 0.00	119.04 -1.08 0.00	119.39 -0.96 0.00	120.68 -0.85 0.00	122.66 -0.74 0.00	123.98 -0.62 0.00	129.55 -1.18 0.00	131.41 -1.46 0.00	131.38 -1.87 0.00	134.65 -2.05 0.00	154.02 -1.87 0.00	174.51 -2.12 0.00	162.70 -2.14 0.00	146.39 -2.23 0.00	135.97 -1.93 0.00	124.59 -2.03 0.00	123.63 -2.14 0.00	118.79 -1.93 0.00
BABYLON_RES_REC 323704	127.39 5.25 0.00	121.86 6.57 0.00	116.54 5.97 0.00	115.25 6.00 0.00	120.40 5.51 0.00	117.59 5.07 0.00	120.54 5.41 0.00	124.93 4.81 0.00	125.04 4.69 0.00	126.39 4.87 0.00	129.20 5.80 0.00	130.46 5.86 0.00	137.26 6.53 0.00	140.44 7.57 0.00	140.57 7.32 0.00	147.05 7.65 -2.69	166.58 9.35 -1.34	189.35 12.36 -0.36	177.59 11.88 -0.87	160.90 10.71 -1.58	146.86 8.96 0.00	134.85 8.23 0.00	131.92 6.16 0.00	127.48 6.76 0.00
BALL_HILL_WT_PWR 323825	115.78 -6.36 0.00	109.88 -5.42 0.00	105.93 -4.64 0.00	104.45 -4.80 0.00	108.91 -5.98 0.00	106.44 -6.08 0.00	108.57 -6.56 0.00	113.63 -6.49 0.00	113.73 -6.62 0.00	115.94 -5.59 0.00	117.35 -6.04 0.00	118.26 -6.35 0.00	122.74 -7.98 0.00	122.76 -10.10 0.00	122.05 -11.19 0.00	124.13 -12.57 0.00	141.70 -14.18 0.00	160.73 -15.90 0.00	149.68 -15.16 0.00	133.31 -15.30 0.00	124.66 -13.24 0.00	115.48 -11.14 0.00	115.07 -10.69 0.00	113.00 -7.73 0.00
BARON_WINDS___WT_PWR 323822	118.11 -4.03 0.00	112.07 -3.23 0.00	107.81 -2.76 0.00	106.41 -2.84 0.00	111.33 -3.56 0.00	108.92 -3.61 0.00	111.22 -3.91 0.00	116.75 -3.36 0.00	116.75 -3.61 0.00	118.37 -3.16 0.00	119.44 -3.95 0.00	120.37 -4.24 0.00	125.11 -5.62 0.00	125.95 -6.91 0.00	125.51 -7.73 0.00	128.36 -8.34 0.00	147.01 -8.88 0.00	166.38 -10.25 0.00	154.79 -10.06 0.00	138.21 -10.41 0.00	128.80 -9.11 0.00	118.51 -8.11 0.00	117.97 -7.80 0.00	114.81 -5.91 0.00
BARRETT_IC_1 23704	126.78 4.64 0.00	120.83 5.53 0.00	115.55 4.98 0.00	114.28 5.03 0.00	119.49 4.60 0.00	116.69 4.17 0.00	119.62 4.49 0.00	124.07 3.96 0.00	124.20 3.85 0.00	125.66 4.13 0.00	128.58 5.18 0.00	129.84 5.23 0.00	136.34 5.62 0.00	139.64 6.77 0.00	139.64 6.40 0.00	143.40 6.70 0.00	163.37 7.48 0.00	186.51 9.89 0.00	174.40 9.56 0.00	157.68 9.07 0.00	145.62 7.72 0.00	133.96 7.34 0.00	131.29 5.53 0.00	126.64 5.91 0.00
BARRETT_IC_10 23701	126.78 4.64 0.00	120.83 5.53 0.00	115.55 4.98 0.00	114.28 5.03 0.00	119.49 4.60 0.00	116.69 4.17 0.00	119.62 4.49 0.00	124.07 3.96 0.00	124.20 3.85 0.00	125.66 4.13 0.00	128.58 5.18 0.00	129.84 5.23 0.00	136.34 5.62 0.00	139.64 6.77 0.00	139.64 6.40 0.00	143.40 6.70 0.00	163.37 7.48 0.00	186.51 9.89 0.00	174.40 9.56 0.00	157.68 9.07 0.00	145.62 7.72 0.00	133.96 7.34 0.00	131.29 5.53 0.00	126.64 5.91 0.00
BARRETT_IC_11 23702	126.78 4.64 0.00	120.83 5.53 0.00	115.55 4.98 0.00	114.28 5.03 0.00	119.49 4.60 0.00	116.69 4.17 0.00	119.62 4.49 0.00	124.07 3.96 0.00	124.20 3.85 0.00	125.66 4.13 0.00	128.58 5.18 0.00	129.84 5.23 0.00	136.34 5.62 0.00	139.64 6.77 0.00	139.64 6.40 0.00	143.40 6.70 0.00	163.37 7.48 0.00	186.51 9.89 0.00	174.40 9.56 0.00	157.68 9.07 0.00	145.62 7.72 0.00	133.96 7.34 0.00	131.29 5.53 0.00	126.64 5.91 0.00
BARRETT_IC_12 23703	126.78 4.64 0.00	120.83 5.53 0.00	115.55 4.98 0.00	114.28 5.03 0.00	119.49 4.60 0.00	116.69 4.17 0.00	119.62 4.49 0.00	124.07 3.96 0.00	124.20 3.85 0.00	125.66 4.13 0.00	128.58 5.18 0.00	129.84 5.23 0.00	136.34 5.62 0.00	139.64 6.77 0.00	139.64 6.40 0.00	143.40 6.70 0.00	163.37 7.48 0.00	186.51 9.89 0.00	174.40 9.56 0.00	157.68 9.07 0.00	145.62 7.72 0.00	133.96 7.34 0.00	131.29 5.53 0.00	126.64 5.91 0.00
BARRETT_IC_2 23705	126.78 4.64 0.00	120.83 5.53 0.00	115.55 4.98 0.00	114.28 5.03 0.00	119.49 4.60 0.00	116.69 4.17 0.00	119.62 4.49 0.00	124.07 3.96 0.00	124.20 3.85 0.00	125.66 4.13 0.00	128.58 5.18 0.00	129.84 5.23 0.00	136.34 5.62 0.00	139.64 6.77 0.00	139.64 6.40 0.00	143.40 6.70 0.00	163.37 7.48 0.00	186.51 9.89 0.00	174.40 9.56 0.00	157.68 9.07 0.00	145.62 7.72 0.00	133.96 7.34 0.00	131.29 5.53 0.00	126.64 5.91 0.00
BARRETT_IC_3 23706	126.78 4.64 0.00	120.83 5.53 0.00	115.55 4.98 0.00	114.28 5.03 0.00	119.49 4.60 0.00	116.69 4.17 0.00	119.62 4.49 0.00	124.07 3.96 0.00	124.20 3.85 0.00	125.66 4.13 0.00	128.58 5.18 0.00	129.84 5.23 0.00	136.34 5.62 0.00	139.64 6.77 0.00	139.64 6.40 0.00	143.40 6.70 0.00	163.37 7.48 0.00	186.51 9.89 0.00	174.40 9.56 0.00	157.68 9.07 0.00	145.62 7.72 0.00	133.96 7.34 0.00	131.29 5.53 0.00	126.64 5.91 0.00
BARRETT_IC_4 23707	126.78 4.64 0.00	120.83 5.53 0.00	115.55 4.98 0.00	114.28 5.03 0.00	119.49 4.60 0.00	116.69 4.17 0.00	119.62 4.49 0.00	124.07 3.96 0.00	124.20 3.85 0.00	125.66 4.13 0.00	128.58 5.18 0.00	129.84 5.23 0.00	136.34 5.62 0.00	139.64 6.77 0.00	139.64 6.40 0.00	143.40 6.70 0.00	163.37 7.48 0.00	186.51 9.89 0.00	174.40 9.56 0.00	157.68 9.07 0.00	145.62 7.72 0.00	133.96 7.34 0.00	131.29 5.53 0.00	126.64 5.91 0.00
BARRETT_IC_5 23708	126.78 4.64 0.00	120.83 5.53 0.00	115.55 4.98 0.00	114.28 5.03 0.00	119.49 4.60 0.00	116.69 4.17 0.00	119.62 4.49 0.00	124.07 3.96 0.00	124.20 3.85 0.00	125.66 4.13 0.00	128.58 5.18 0.00	129.84 5.23 0.00	136.34 5.62 0.00	139.64 6.77 0.00	139.64 6.40 0.00	143.40 6.70 0.00	163.37 7.48 0.00	186.51 9.89 0.00	174.40 9.56 0.00	157.68 9.07 0.00	145.62 7.72 0.00	133.96 7.34 0.00	131.29 5.53 0.00	126.64 5.91 0.00



BARRETT_IC_6 23709	126.78 4.64 0.00	120.83 5.53 0.00	115.55 4.98 0.00	114.28 5.03 0.00	119.49 4.60 0.00	116.69 4.17 0.00	119.62 4.49 0.00	124.07 3.96 0.00	124.20 3.85 0.00	125.66 4.13 0.00	128.58 5.18 0.00	129.84 5.23 0.00	136.34 5.62 0.00	139.64 6.77 0.00	139.64 6.40 0.00	143.40 6.70 0.00	163.37 7.48 0.00	186.51 9.89 0.00	174.40 9.56 0.00	157.68 9.07 0.00	145.62 7.72 0.00	133.96 7.34 0.00	131.29 5.53 0.00	126.64 5.91 0.00
BARRETT_IC_7 23710	126.78 4.64 0.00	120.83 5.53 0.00	115.54 4.98 0.00	114.28 5.03 0.00	119.49 4.60 0.00	116.68 4.16 0.00	119.62 4.49 0.00	123.72 3.60 0.00	124.08 3.73 0.00	125.05 3.52 0.00	128.33 4.94 0.00	130.21 5.61 0.00	136.34 5.62 0.00	139.64 6.78 0.00	139.64 6.40 0.00	143.40 6.70 0.00	163.52 7.64 0.00	186.52 9.89 0.00	174.41 9.56 0.00	157.68 9.07 0.00	145.62 7.72 0.00	134.47 7.85 0.00	131.30 5.53 0.00	126.28 5.55 0.00
BARRETT_IC_8 23711	126.78 4.64 0.00	120.83 5.53 0.00	115.55 4.98 0.00	114.28 5.03 0.00	119.49 4.60 0.00	116.69 4.17 0.00	119.62 4.49 0.00	124.07 3.96 0.00	124.20 3.85 0.00	125.66 4.13 0.00	128.58 5.18 0.00	129.84 5.23 0.00	136.34 5.62 0.00	139.64 6.77 0.00	139.64 6.40 0.00	143.40 6.70 0.00	163.37 7.48 0.00	186.51 9.89 0.00	174.40 9.56 0.00	157.68 9.07 0.00	145.62 7.72 0.00	133.96 7.34 0.00	131.29 5.53 0.00	126.64 5.91 0.00
BARRETT_IC_9 23700	126.78 4.64 0.00	120.83 5.53 0.00	115.55 4.98 0.00	114.28 5.03 0.00	119.49 4.60 0.00	116.69 4.17 0.00	119.62 4.49 0.00	124.07 3.96 0.00	124.20 3.85 0.00	125.66 4.13 0.00	128.58 5.18 0.00	129.84 5.23 0.00	136.34 5.62 0.00	139.64 6.77 0.00	139.64 6.40 0.00	143.40 6.70 0.00	163.37 7.48 0.00	186.51 9.89 0.00	174.40 9.56 0.00	157.68 9.07 0.00	145.62 7.72 0.00	133.96 7.34 0.00	131.29 5.53 0.00	126.64 5.91 0.00
BARRETT___1 23545	126.78 4.64 0.00	120.83 5.53 0.00	115.55 4.98 0.00	114.28 5.03 0.00	119.49 4.60 0.00	116.69 4.17 0.00	119.62 4.49 0.00	124.07 3.96 0.00	124.20 3.85 0.00	125.66 4.13 0.00	128.58 5.18 0.00	129.84 5.23 0.00	136.34 5.62 0.00	139.64 6.77 0.00	139.64 6.40 0.00	143.40 6.70 0.00	163.37 7.48 0.00	186.51 9.89 0.00	174.40 9.56 0.00	157.68 9.07 0.00	145.62 7.72 0.00	133.96 7.34 0.00	131.29 5.53 0.00	126.64 5.91 0.00
BARRETT___2 23546	126.78 4.64 0.00	120.83 5.53 0.00	115.55 4.98 0.00	114.28 5.03 0.00	119.49 4.60 0.00	116.69 4.17 0.00	119.62 4.49 0.00	124.07 3.96 0.00	124.20 3.85 0.00	125.66 4.13 0.00	128.58 5.18 0.00	129.84 5.23 0.00	136.34 5.62 0.00	139.64 6.77 0.00	139.64 6.40 0.00	143.40 6.70 0.00	163.37 7.48 0.00	186.51 9.89 0.00	174.40 9.56 0.00	157.68 9.07 0.00	145.62 7.72 0.00	133.96 7.34 0.00	131.29 5.53 0.00	126.64 5.91 0.00
BATAVIA__115KV_TB1 55881	116.52 -5.62 0.00	110.68 -4.61 0.00	105.48 -5.09 0.00	105.10 -4.15 0.00	109.38 -5.51 0.00	107.23 -5.29 0.00	109.49 -5.64 0.00	113.87 -6.25 0.00	114.34 -6.02 0.00	116.55 -4.98 0.00	118.34 -5.06 0.00	119.12 -5.48 0.00	123.92 -6.80 0.00	123.70 -9.17 0.00	123.25 -9.99 0.00	125.22 -11.48 0.00	142.95 -12.94 0.00	162.50 -14.13 0.00	151.00 -13.85 0.00	134.94 -13.67 0.00	126.18 -11.72 0.00	115.98 -10.64 0.00	115.70 -10.06 0.00	114.21 -6.52 0.00
BAYONEEC___CTG1 323682	126.16 4.02 0.00	118.87 3.58 0.00	113.78 3.21 0.00	112.30 3.05 0.00	117.76 2.87 0.00	115.11 2.59 0.00	118.24 3.11 0.00	122.76 2.64 0.00	123.36 3.01 0.00	124.81 3.28 0.00	127.71 4.32 0.00	129.22 4.61 0.00	135.96 5.23 0.00	138.98 6.12 0.00	139.25 6.00 0.00	142.58 5.87 0.00	162.58 6.70 0.00	184.76 8.13 0.00	172.60 7.75 0.00	155.90 7.28 0.00	144.11 6.21 0.00	132.57 5.95 0.00	130.80 5.04 0.00	125.43 4.70 0.00
BAYONEEC___CTG10 323750	126.16 4.02 0.00	118.87 3.58 0.00	113.78 3.21 0.00	112.30 3.05 0.00	117.76 2.87 0.00	115.11 2.59 0.00	118.24 3.11 0.00	122.76 2.64 0.00	123.36 3.01 0.00	124.81 3.28 0.00	127.71 4.32 0.00	129.22 4.61 0.00	135.96 5.23 0.00	138.98 6.12 0.00	139.25 6.00 0.00	142.58 5.87 0.00	162.58 6.70 0.00	184.76 8.13 0.00	172.60 7.75 0.00	155.90 7.28 0.00	144.11 6.21 0.00	132.57 5.95 0.00	130.80 5.04 0.00	125.43 4.70 0.00
BAYONEEC___CTG2 323683	126.16 4.02 0.00	118.87 3.58 0.00	113.78 3.21 0.00	112.30 3.05 0.00	117.76 2.87 0.00	115.11 2.59 0.00	118.24 3.11 0.00	122.76 2.64 0.00	123.36 3.01 0.00	124.81 3.28 0.00	127.71 4.32 0.00	129.22 4.61 0.00	135.96 5.23 0.00	138.98 6.12 0.00	139.25 6.00 0.00	142.58 5.87 0.00	162.58 6.70 0.00	184.76 8.13 0.00	172.60 7.75 0.00	155.90 7.28 0.00	144.11 6.21 0.00	132.57 5.95 0.00	130.80 5.04 0.00	125.43 4.70 0.00
BAYONEEC___CTG3 323684	126.16 4.02 0.00	118.87 3.58 0.00	113.78 3.21 0.00	112.30 3.05 0.00	117.76 2.87 0.00	115.11 2.59 0.00	118.24 3.11 0.00	122.76 2.64 0.00	123.36 3.01 0.00	124.81 3.28 0.00	127.71 4.32 0.00	129.22 4.61 0.00	135.96 5.23 0.00	138.98 6.12 0.00	139.25 6.00 0.00	142.58 5.87 0.00	162.58 6.70 0.00	184.76 8.13 0.00	172.60 7.75 0.00	155.90 7.28 0.00	144.11 6.21 0.00	132.57 5.95 0.00	130.80 5.04 0.00	125.43 4.70 0.00
BAYONEEC___CTG4 323685	126.16 4.02 0.00	118.87 3.58 0.00	113.78 3.21 0.00	112.30 3.05 0.00	117.76 2.87 0.00	115.11 2.59 0.00	118.24 3.11 0.00	122.76 2.64 0.00	123.36 3.01 0.00	124.81 3.28 0.00	127.71 4.32 0.00	129.22 4.61 0.00	135.96 5.23 0.00	138.98 6.12 0.00	139.25 6.00 0.00	142.58 5.87 0.00	162.58 6.70 0.00	184.76 8.13 0.00	172.60 7.75 0.00	155.90 7.28 0.00	144.11 6.21 0.00	132.57 5.95 0.00	130.80 5.04 0.00	125.43 4.70 0.00
BAYONEEC___CTG5 323686	126.16 4.02 0.00	118.87 3.58 0.00	113.78 3.21 0.00	112.30 3.05 0.00	117.76 2.87 0.00	115.11 2.59 0.00	118.24 3.11 0.00	122.76 2.64 0.00	123.36 3.01 0.00	124.81 3.28 0.00	127.71 4.32 0.00	129.22 4.61 0.00	135.96 5.23 0.00	138.98 6.12 0.00	139.25 6.00 0.00	142.58 5.87 0.00	162.58 6.70 0.00	184.76 8.13 0.00	172.60 7.75 0.00	155.90 7.28 0.00	144.11 6.21 0.00	132.57 5.95 0.00	130.80 5.04 0.00	125.43 4.70 0.00
BAYONEEC___CTG6 323687	126.16 4.02 0.00	118.87 3.58 0.00	113.78 3.21 0.00	112.30 3.05 0.00	117.76 2.87 0.00	115.11 2.59 0.00	118.24 3.11 0.00	122.76 2.64 0.00	123.36 3.01 0.00	124.81 3.28 0.00	127.71 4.32 0.00	129.22 4.61 0.00	135.96 5.23 0.00	138.98 6.12 0.00	139.25 6.00 0.00	142.58 5.87 0.00	162.58 6.70 0.00	184.76 8.13 0.00	172.60 7.75 0.00	155.90 7.28 0.00	144.11 6.21 0.00	132.57 5.95 0.00	130.80 5.04 0.00	125.43 4.70 0.00
BAYONEEC___CTG7 323688	126.16 4.02 0.00	118.87 3.58 0.00	113.78 3.21 0.00	112.30 3.05 0.00	117.76 2.87 0.00	115.11 2.59 0.00	118.24 3.11 0.00	122.76 2.64 0.00	123.36 3.01 0.00	124.81 3.28 0.00	127.71 4.32 0.00	129.22 4.61 0.00	135.96 5.23 0.00	138.98 6.12 0.00	139.25 6.00 0.00	142.58 5.87 0.00	162.58 6.70 0.00	184.76 8.13 0.00	172.60 7.75 0.00	155.90 7.28 0.00	144.11 6.21 0.00	132.57 5.95 0.00	130.80 5.04 0.00	125.43 4.70 0.00



BAYONEEC___CTG8 323689	126.16 4.02 0.00	118.87 3.58 0.00	113.78 3.21 0.00	112.30 3.05 0.00	117.76 2.87 0.00	115.11 2.59 0.00	118.24 3.11 0.00	122.76 2.64 0.00	123.36 3.01 0.00	124.81 3.28 0.00	127.71 4.32 0.00	129.22 4.61 0.00	135.96 5.23 0.00	138.98 6.12 0.00	139.25 6.00 0.00	142.58 5.87 0.00	162.58 6.70 0.00	184.76 8.13 0.00	172.60 7.75 0.00	155.90 7.28 0.00	144.11 6.21 0.00	132.57 5.95 0.00	130.80 5.04 0.00	125.43 4.70 0.00
BAYONEEC___CTG9 323749	126.16 4.02 0.00	118.87 3.58 0.00	113.78 3.21 0.00	112.30 3.05 0.00	117.76 2.87 0.00	115.11 2.59 0.00	118.24 3.11 0.00	122.76 2.64 0.00	123.36 3.01 0.00	124.81 3.28 0.00	127.71 4.32 0.00	129.22 4.61 0.00	135.96 5.23 0.00	138.98 6.12 0.00	139.25 6.00 0.00	142.58 5.87 0.00	162.58 6.70 0.00	184.76 8.13 0.00	172.60 7.75 0.00	155.90 7.28 0.00	144.11 6.21 0.00	132.57 5.95 0.00	130.80 5.04 0.00	125.43 4.70 0.00
BEACON___LESR 323632	128.00 5.86 0.00	120.71 5.42 0.00	115.66 5.09 0.00	114.17 4.92 0.00	120.06 5.17 0.00	117.70 5.18 0.00	120.08 4.95 0.00	125.16 5.04 0.00	125.29 4.94 0.00	126.63 5.10 0.00	128.96 5.56 0.00	130.22 5.61 0.00	136.87 6.15 0.00	139.24 6.38 0.00	138.71 5.47 0.00	142.71 6.01 0.00	162.74 6.85 0.00	184.22 7.59 0.00	172.27 7.42 0.00	155.60 6.99 0.00	144.39 6.48 0.00	132.70 6.08 0.00	131.92 6.16 0.00	126.52 5.79 0.00
BEAVER RIVER___HYD 24048	121.77 -0.37 0.00	114.95 -0.34 0.00	110.35 -0.22 0.00	109.69 0.44 0.00	115.70 0.81 0.00	114.09 1.57 0.00	116.63 1.49 0.00	122.39 2.28 0.00	122.52 2.17 0.00	123.72 2.19 0.00	126.11 2.71 0.00	127.10 2.49 0.00	133.34 2.61 0.00	135.12 2.26 0.00	135.11 1.86 0.00	139.16 2.46 0.00	159.00 3.12 0.00	179.45 2.82 0.00	167.48 2.63 0.00	149.21 0.60 0.00	138.32 0.41 0.00	126.12 -0.50 0.00	128.15 2.38 0.00	122.41 1.69 0.00
BEEBEE_GT_13 23619	117.25 -4.89 0.00	111.03 -4.27 0.00	106.59 -3.98 0.00	105.21 -4.04 0.00	109.95 -4.94 0.00	107.79 -4.73 0.00	110.30 -4.84 0.00	115.55 -4.56 0.00	116.02 -4.33 0.00	118.00 -3.52 0.00	119.94 -3.46 0.00	120.99 -3.61 0.00	126.28 -4.44 0.00	126.76 -6.11 0.00	126.45 -6.80 0.00	128.77 -7.93 0.00	146.69 -9.20 0.00	166.56 -10.07 0.00	154.79 -10.06 0.00	138.96 -9.66 0.00	129.63 -8.27 0.00	119.28 -7.34 0.00	118.72 -7.04 0.00	115.29 -5.43 0.00
BENSHRST_27_KV_BENSHRST_1 355998	127.39 5.25 0.00	119.56 4.27 0.00	114.33 3.76 0.00	112.86 3.61 0.00	118.34 3.45 0.00	114.88 2.36 0.00	117.78 2.65 0.00	121.92 1.80 0.00	122.52 2.17 0.00	124.20 2.67 0.00	127.22 3.83 0.00	128.84 4.24 0.00	135.56 4.84 0.00	138.71 5.85 0.00	138.97 5.73 0.00	142.17 5.47 0.00	162.28 6.39 0.00	184.58 7.95 0.00	172.60 7.75 0.00	156.05 7.43 0.00	143.83 5.93 0.00	132.57 5.95 0.00	131.05 5.28 0.00	126.28 5.55 0.00
BETHLEHEM___GRP 23843	126.17 4.03 0.00	118.98 3.69 0.00	114.11 3.54 0.00	112.75 3.50 0.00	118.34 3.45 0.00	115.90 3.38 0.00	118.47 3.34 0.00	123.24 3.12 0.00	123.36 3.01 0.00	124.69 3.16 0.00	127.10 3.70 0.00	128.47 3.86 0.00	134.77 4.05 0.00	137.25 4.38 0.00	136.58 3.33 0.00	140.39 3.69 0.00	159.78 3.90 0.00	180.87 4.24 0.00	169.13 4.29 0.00	152.93 4.31 0.00	141.76 3.86 0.00	130.55 3.93 0.00	130.04 4.28 0.00	124.71 3.98 0.00
BETHLEHEM___GS1 323560	126.16 4.02 0.00	118.98 3.69 0.00	114.11 3.54 0.00	112.75 3.50 0.00	118.33 3.44 0.00	115.89 3.37 0.00	118.47 3.34 0.00	123.36 3.24 0.00	123.48 3.12 0.00	124.81 3.28 0.00	127.10 3.70 0.00	128.47 3.87 0.00	134.90 4.18 0.00	137.25 4.38 0.00	136.58 3.33 0.00	140.39 3.69 0.00	159.79 3.90 0.00	180.86 4.23 0.00	169.13 4.28 0.00	152.93 4.31 0.00	141.76 3.86 0.00	130.55 3.93 0.00	130.04 4.28 0.00	124.70 3.98 0.00
BETHLEHEM___GS2 323561	126.16 4.02 0.00	118.98 3.69 0.00	114.11 3.54 0.00	112.75 3.50 0.00	118.33 3.44 0.00	115.89 3.37 0.00	118.47 3.34 0.00	123.36 3.24 0.00	123.48 3.12 0.00	124.81 3.28 0.00	127.10 3.70 0.00	128.47 3.87 0.00	134.90 4.18 0.00	137.25 4.38 0.00	136.58 3.33 0.00	140.39 3.69 0.00	159.79 3.90 0.00	180.86 4.23 0.00	169.13 4.28 0.00	152.93 4.31 0.00	141.76 3.86 0.00	130.55 3.93 0.00	130.04 4.28 0.00	124.70 3.98 0.00
BETHLEHEM___GS3 323562	126.16 4.02 0.00	118.98 3.69 0.00	114.11 3.54 0.00	112.75 3.50 0.00	118.33 3.44 0.00	115.89 3.37 0.00	118.47 3.34 0.00	123.36 3.24 0.00	123.48 3.12 0.00	124.81 3.28 0.00	127.10 3.70 0.00	128.47 3.87 0.00	134.90 4.18 0.00	137.25 4.38 0.00	136.58 3.33 0.00	140.39 3.69 0.00	159.79 3.90 0.00	180.86 4.23 0.00	169.13 4.28 0.00	152.93 4.31 0.00	141.76 3.86 0.00	130.55 3.93 0.00	130.04 4.28 0.00	124.70 3.98 0.00
BETHLEHEM___STEEL 23779	115.42 -6.72 0.00	109.64 -5.65 0.00	105.37 -5.20 0.00	104.12 -5.13 0.00	108.34 -6.55 0.00	106.11 -6.41 0.00	108.22 -6.91 0.00	113.03 -7.09 0.00	113.37 -6.98 0.00	115.57 -5.95 0.00	117.23 -6.17 0.00	118.00 -6.60 0.00	122.62 -8.10 0.00	122.37 -10.50 0.00	121.52 -11.73 0.00	123.58 -13.12 0.00	140.92 -14.97 0.00	159.85 -16.78 0.00	148.86 -15.99 0.00	132.57 -16.05 0.00	124.11 -13.79 0.00	114.34 -12.28 0.00	114.32 -11.44 0.00	112.76 -7.97 0.00
BETHLHEM_115KV_TB1 79974	126.05 3.91 0.00	118.87 3.57 0.00	114.00 3.43 0.00	112.53 3.28 0.00	118.22 3.33 0.00	115.78 3.26 0.00	118.36 3.22 0.00	123.12 3.00 0.00	123.24 2.89 0.00	124.57 3.04 0.00	126.98 3.58 0.00	128.35 3.74 0.00	134.64 3.92 0.00	137.12 4.25 0.00	136.58 3.33 0.00	140.39 3.69 0.00	159.94 4.05 0.00	181.04 4.42 0.00	169.13 4.29 0.00	152.93 4.31 0.00	141.76 3.86 0.00	130.42 3.80 0.00	129.91 4.15 0.00	124.47 3.74 0.00
BETHPAGE_CC_5 323564	126.29 4.16 0.00	120.71 5.42 0.00	115.43 4.86 0.00	114.17 4.92 0.00	119.37 4.48 0.00	116.57 4.04 0.00	119.51 4.37 0.00	123.96 3.84 0.00	124.09 3.74 0.00	125.42 3.89 0.00	128.21 4.81 0.00	129.46 4.85 0.00	136.21 5.49 0.00	139.51 6.64 0.00	139.51 6.26 0.00	143.40 6.70 0.00	163.99 8.10 0.00	187.22 10.60 0.00	175.07 10.22 0.00	157.98 9.37 0.00	145.62 7.72 0.00	133.83 7.21 0.00	130.80 5.04 0.00	126.40 5.68 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	115.79 -6.35 0.00	109.99 -5.30 0.00	105.81 -4.75 0.00	104.55 -4.70 0.00	108.69 -6.20 0.00	106.44 -6.08 0.00	108.57 -6.56 0.00	113.39 -6.73 0.00	113.73 -6.62 0.00	116.06 -5.47 0.00	117.72 -5.68 0.00	118.50 -6.11 0.00	123.14 -7.58 0.00	122.90 -9.97 0.00	122.05 -11.19 0.00	124.13 -12.58 0.00	141.70 -14.19 0.00	160.73 -15.90 0.00	149.52 -15.33 0.00	133.16 -15.46 0.00	124.66 -13.24 0.00	114.72 -11.90 0.00	114.70 -11.07 0.00	113.12 -7.61 0.00
BINGHAMTON___COGEN 23790	120.92 -1.22 0.00	114.26 -1.04 0.00	109.68 -0.88 0.00	108.38 -0.87 0.00	113.51 -1.38 0.00	111.17 -1.35 0.00	113.64 -1.50 0.00	118.92 -1.20 0.00	119.15 -1.20 0.00	120.56 -0.97 0.00	122.53 -0.86 0.00	123.73 -0.87 0.00	129.42 -1.31 0.00	131.14 -1.73 0.00	130.98 -2.27 0.00	134.38 -2.32 0.00	153.55 -2.34 0.00	173.80 -2.83 0.00	162.37 -2.47 0.00	145.94 -2.68 0.00	135.56 -2.34 0.00	124.34 -2.28 0.00	123.63 -2.14 0.00	119.03 -1.69 0.00



BIXINCNT_115KV_LOAD 355685	117.38 -4.76 0.00	111.60 -3.69 0.00	107.47 -3.10 0.00	106.08 -3.17 0.00	110.41 -4.48 0.00	108.13 -4.39 0.00	110.30 -4.84 0.00	115.31 -4.80 0.00	115.66 -4.69 0.00	118.00 -3.52 0.00	119.70 -3.70 0.00	120.12 -4.49 0.00	124.45 -6.27 0.00	124.36 -8.50 0.00	123.65 -9.59 0.00	126.31 -10.39 0.00	144.66 -11.22 0.00	164.09 -12.54 0.00	151.99 -12.86 0.00	134.94 -13.67 0.00	125.90 -12.00 0.00	115.35 -11.27 0.00	115.33 -10.44 0.00	113.48 -7.24 0.00
BLACK RIVER___HYD 24047	122.75 0.61 0.00	115.76 0.46 0.00	110.90 0.33 0.00	110.12 0.87 0.00	116.04 1.15 0.00	113.98 1.46 0.00	116.86 1.73 0.00	122.88 2.76 0.00	123.00 2.64 0.00	124.20 2.67 0.00	126.35 2.96 0.00	127.47 2.87 0.00	133.73 3.01 0.00	135.66 2.79 0.00	135.51 2.26 0.00	139.71 3.00 0.00	159.93 4.05 0.00	181.05 4.42 0.00	168.97 4.12 0.00	150.85 2.23 0.00	139.97 2.07 0.00	127.38 0.76 0.00	128.78 3.01 0.00	122.78 2.05 0.00
BLACKRVR_115KV_TB2 79977	122.75 0.61 0.00	115.75 0.46 0.00	110.90 0.33 0.00	110.12 0.87 0.00	116.04 1.15 0.00	113.98 1.46 0.00	116.74 1.61 0.00	122.88 2.76 0.00	123.12 2.77 0.00	124.32 2.80 0.00	126.48 3.08 0.00	127.47 2.87 0.00	133.73 3.01 0.00	135.66 2.79 0.00	135.51 2.27 0.00	139.71 3.01 0.00	159.94 4.05 0.00	181.04 4.42 0.00	168.97 4.12 0.00	150.84 2.23 0.00	139.97 2.07 0.00	127.25 0.63 0.00	128.66 2.89 0.00	122.78 2.05 0.00
BLDWN_LI_69_KV_BK4 356085	127.27 5.13 0.00	121.40 6.11 0.00	115.99 5.42 0.00	114.71 5.46 0.00	119.95 5.06 0.00	117.13 4.61 0.00	120.08 4.95 0.00	124.20 4.08 0.00	124.57 4.21 0.00	125.54 4.01 0.00	128.58 5.18 0.00	130.46 5.86 0.00	136.87 6.14 0.00	140.18 7.31 0.00	140.17 6.93 0.00	143.95 7.25 0.00	164.62 8.73 0.00	188.11 11.48 0.00	175.89 11.04 0.00	158.72 10.11 0.00	146.31 8.41 0.00	135.10 8.48 0.00	131.93 6.16 0.00	126.76 6.04 0.00
BLISS_WT_PWR 323608	117.50 -4.64 0.00	111.72 -3.57 0.00	107.81 -2.76 0.00	106.19 -3.06 0.00	110.87 -4.02 0.00	108.24 -4.28 0.00	110.41 -4.73 0.00	115.80 -4.32 0.00	115.90 -4.45 0.00	118.25 -3.28 0.00	119.70 -3.70 0.00	120.24 -4.36 0.00	124.19 -6.53 0.00	124.36 -8.51 0.00	123.65 -9.60 0.00	126.45 -10.25 0.00	144.82 -11.06 0.00	164.26 -12.37 0.00	151.99 -12.86 0.00	134.64 -13.98 0.00	125.63 -12.27 0.00	115.73 -10.89 0.00	115.33 -10.44 0.00	113.36 -7.37 0.00
BLUESTONE___WT_PWR 323821	127.27 5.13 0.00	120.13 4.84 0.00	115.32 4.75 0.00	114.28 5.03 0.00	119.83 4.94 0.00	117.36 4.84 0.00	120.43 5.30 0.00	126.96 6.84 0.00	127.09 6.74 0.00	128.45 6.92 0.00	130.30 6.91 0.00	131.58 6.97 0.00	137.78 7.05 0.00	139.64 6.77 0.00	139.64 6.40 0.00	143.67 6.97 0.00	164.30 8.41 0.00	186.16 9.53 0.00	173.74 8.90 0.00	155.90 7.28 0.00	144.66 6.76 0.00	130.79 4.17 0.00	130.28 4.52 0.00	124.59 3.86 0.00
BLUE_CIRC_CHEM_DRP 24182	126.66 4.52 0.00	119.56 4.27 0.00	114.66 4.09 0.00	113.18 3.93 0.00	118.91 4.02 0.00	116.46 3.94 0.00	118.93 3.80 0.00	123.72 3.60 0.00	123.72 3.37 0.00	124.93 3.40 0.00	127.22 3.83 0.00	128.47 3.86 0.00	134.91 4.18 0.00	137.52 4.65 0.00	137.38 4.13 0.00	141.35 4.65 0.00	161.03 5.14 0.00	182.28 5.65 0.00	170.45 5.60 0.00	153.97 5.35 0.00	142.73 4.83 0.00	131.30 4.68 0.00	130.42 4.65 0.00	125.07 4.35 0.00
BOC_GAS_DRP 24189	125.19 3.05 0.00	118.06 2.77 0.00	113.33 2.76 0.00	111.87 2.62 0.00	117.53 2.64 0.00	115.00 2.48 0.00	117.55 2.42 0.00	122.40 2.28 0.00	122.64 2.29 0.00	123.84 2.31 0.00	126.24 2.84 0.00	127.60 2.99 0.00	133.86 3.14 0.00	136.32 3.45 0.00	136.31 3.06 0.00	139.98 3.28 0.00	159.47 3.59 0.00	180.69 4.06 0.00	168.80 3.96 0.00	152.48 3.86 0.00	141.35 3.45 0.00	129.91 3.29 0.00	129.03 3.27 0.00	123.74 3.02 0.00
BOONVILLE_115KV_TB1 79983	124.70 2.56 0.00	117.60 2.31 0.00	112.78 2.21 0.00	111.98 2.73 0.00	117.88 2.99 0.00	116.01 3.49 0.00	118.93 3.80 0.00	124.68 4.56 0.00	124.93 4.57 0.00	126.27 4.74 0.00	128.58 5.18 0.00	129.72 5.11 0.00	136.21 5.49 0.00	138.18 5.31 0.00	138.17 4.93 0.00	142.17 5.47 0.00	162.28 6.39 0.00	183.69 7.07 0.00	171.44 6.59 0.00	153.22 4.61 0.00	142.04 4.14 0.00	129.66 3.04 0.00	130.67 4.90 0.00	124.83 4.10 0.00
BORALEX_4TH_BRANCH 23824	129.22 7.08 0.00	121.87 6.57 0.00	116.87 6.30 0.00	115.37 6.12 0.00	121.09 6.20 0.00	118.60 6.08 0.00	121.35 6.22 0.00	126.36 6.25 0.00	126.61 6.26 0.00	127.97 6.44 0.00	130.31 6.91 0.00	131.71 7.10 0.00	138.30 7.58 0.00	140.84 7.97 0.00	141.24 7.99 0.00	145.04 8.34 0.00	165.55 9.66 0.00	187.76 11.13 0.00	175.56 10.72 0.00	158.42 9.81 0.00	146.73 8.83 0.00	134.72 8.10 0.00	133.44 7.67 0.00	127.85 7.12 0.00
BOWLINE___1 23526	124.95 2.81 0.00	117.83 2.53 0.00	112.78 2.21 0.00	111.32 2.07 0.00	116.84 1.95 0.00	114.21 1.69 0.00	117.21 2.07 0.00	121.92 1.80 0.00	122.16 1.81 0.00	123.59 2.06 0.00	126.24 2.84 0.00	127.59 2.99 0.00	134.25 3.53 0.00	137.12 4.25 0.00	137.38 4.14 0.00	140.94 4.24 0.00	160.72 4.84 0.00	182.64 6.01 0.00	170.61 5.77 0.00	154.12 5.50 0.00	142.45 4.54 0.00	130.93 4.31 0.00	129.28 3.52 0.00	123.86 3.13 0.00
BOWLINE___2 23595	125.19 3.05 0.00	117.95 2.65 0.00	113.00 2.43 0.00	111.55 2.30 0.00	117.07 2.18 0.00	114.43 1.91 0.00	117.31 2.18 0.00	122.03 1.92 0.00	122.40 2.04 0.00	123.72 2.19 0.00	126.48 3.09 0.00	127.84 3.23 0.00	134.52 3.79 0.00	137.39 4.52 0.00	137.51 4.26 0.00	141.08 4.37 0.00	161.02 5.14 0.00	182.98 6.35 0.00	170.77 5.93 0.00	154.41 5.79 0.00	142.73 4.82 0.00	131.17 4.55 0.00	129.53 3.77 0.00	124.10 3.38 0.00
BRADY___115KV_TB2 356060	123.97 1.83 0.00	117.48 2.19 0.00	112.67 2.10 0.00	111.65 2.40 0.00	117.76 2.87 0.00	115.33 2.81 0.00	118.24 3.11 0.00	123.60 3.48 0.00	123.60 3.25 0.00	124.20 2.67 0.00	125.25 1.85 0.00	126.23 1.62 0.00	132.29 1.57 0.00	134.33 1.46 0.00	134.84 1.60 0.00	138.48 1.78 0.00	158.22 2.34 0.00	179.28 2.65 0.00	166.99 2.14 0.00	150.40 1.78 0.00	139.69 1.79 0.00	127.89 1.27 0.00	127.90 2.14 0.00	122.66 1.93 0.00
BRANSCOMB___SOLAR 323811	129.71 7.58 0.00	122.33 7.03 0.00	117.20 6.63 0.00	115.58 6.33 0.00	121.78 6.89 0.00	119.27 6.75 0.00	121.69 6.56 0.00	126.96 6.84 0.00	126.97 6.62 0.00	128.09 6.56 0.00	130.18 6.78 0.00	131.46 6.85 0.00	138.57 7.84 0.00	140.84 7.97 0.00	140.97 7.73 0.00	145.32 8.62 0.00	165.87 9.99 0.00	188.10 11.47 0.00	175.72 10.88 0.00	158.57 9.96 0.00	147.14 9.24 0.00	134.97 8.35 0.00	133.69 7.93 0.00	128.21 7.49 0.00
BRDGHMPT_69_KV_BK1 55812	129.71 7.57 0.00	124.17 8.88 0.00	118.53 7.96 0.00	117.33 8.08 0.00	122.59 7.70 0.00	119.72 7.20 0.00	122.85 7.71 0.00	126.84 6.73 0.00	127.33 6.98 0.00	128.46 6.93 0.00	132.41 9.01 0.00	134.70 10.09 0.00	141.61 10.85 -0.04	145.26 12.36 -0.04	145.14 11.86 -0.04	214.58 12.58 -65.30	203.34 14.97 -32.49	202.81 17.49 -8.70	201.93 15.99 -21.09	200.78 13.97 -38.20	149.80 11.86 -0.04	137.68 11.02 -0.04	133.81 8.05 0.00	129.30 8.57 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	128.49 6.35 0.00	123.13 7.84 0.00	117.76 7.19 0.00	116.46 7.21 0.00	121.78 6.89 0.00	118.82 6.30 0.00	121.70 6.56 0.00	125.64 5.53 0.00	125.89 5.54 0.00	126.63 5.10 0.00	130.06 6.66 0.00	131.96 7.35 0.00	138.18 7.45 0.00	140.44 7.57 0.00	140.84 7.59 0.00	150.42 7.66 -6.06	168.41 9.51 -3.01	189.80 12.36 -0.81	178.84 12.03 -1.96	163.01 10.85 -3.54	147.01 9.10 0.00	135.23 8.61 0.00	133.06 7.29 0.00	128.21 7.48 0.00
BRISTLHL_115KV_TB1 79998	118.35 -3.79 0.00	111.72 -3.57 0.00	107.14 -3.43 0.00	105.86 -3.39 0.00	111.10 -3.79 0.00	108.81 -3.71 0.00	111.33 -3.80 0.00	116.51 -3.60 0.00	116.86 -3.49 0.00	118.13 -3.40 0.00	120.07 -3.33 0.00	121.37 -3.24 0.00	127.06 -3.66 0.00	128.88 -3.99 0.00	128.98 -4.26 0.00	132.19 -4.51 0.00	150.90 -4.99 0.00	170.98 -5.65 0.00	159.57 -5.28 0.00	143.56 -5.05 0.00	133.49 -4.41 0.00	122.44 -4.18 0.00	121.61 -4.15 0.00	116.86 -3.86 0.00
BROOKHAVEN___DRP 24191	128.12 5.98 0.00	122.67 7.38 0.00	117.20 6.63 0.00	116.02 6.77 0.00	121.21 6.32 0.00	118.26 5.74 0.00	121.35 6.22 0.00	125.28 5.17 0.00	125.53 5.18 0.00	126.39 4.86 0.00	129.94 6.54 0.00	131.83 7.23 0.00	138.47 7.71 -0.04	141.94 9.03 -0.04	142.08 8.79 -0.04	211.37 9.30 -65.37	199.47 11.07 -32.52	199.11 13.78 -8.70	199.15 13.19 -21.11	198.59 11.74 -38.24	148.01 10.07 -0.04	136.41 9.75 -0.04	132.68 6.92 0.00	127.85 7.12 0.00
BROOKLYN_NAVY_YARD 23515	126.05 3.91 0.00	118.52 3.22 0.00	113.44 2.87 0.00	112.09 2.84 0.00	117.53 2.64 0.00	114.89 2.37 0.00	118.01 2.88 0.00	122.64 2.53 0.00	123.24 2.88 0.00	124.81 3.28 0.00	127.46 4.07 0.00	128.97 4.36 0.00	135.69 4.97 0.00	138.71 5.84 0.00	138.97 5.73 0.00	142.31 5.61 0.00	162.43 6.55 0.00	184.58 7.96 0.00	172.43 7.59 0.00	155.90 7.28 0.00	143.83 5.93 0.00	132.32 5.70 0.00	130.66 4.90 0.00	125.31 4.59 0.00
BROOKLYN___ARMY_DRP 323595	126.90 4.76 0.00	119.21 3.92 0.00	114.00 3.43 0.00	112.42 3.17 0.00	117.99 3.10 0.00	114.55 2.03 0.00	117.32 2.19 0.00	121.44 1.32 0.00	122.04 1.68 0.00	123.72 2.19 0.00	126.73 3.33 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.44 5.20 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.30 6.69 0.00	143.14 5.24 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.80 5.07 0.00
BROOME_2_LFGE 323671	120.92 -1.22 0.00	114.25 -1.04 0.00	109.68 -0.89 0.00	108.37 -0.88 0.00	113.63 -1.26 0.00	111.18 -1.35 0.00	113.63 -1.50 0.00	119.03 -1.08 0.00	119.27 -1.09 0.00	120.55 -0.98 0.00	122.41 -0.99 0.00	123.74 -0.87 0.00	129.42 -1.31 0.00	131.14 -1.73 0.00	130.98 -2.27 0.00	134.38 -2.32 0.00	153.55 -2.33 0.00	173.80 -2.83 0.00	162.38 -2.47 0.00	145.94 -2.67 0.00	135.56 -2.35 0.00	124.47 -2.15 0.00	123.63 -2.14 0.00	119.15 -1.57 0.00
BROOME___LFGE 323600	120.92 -1.22 0.00	114.25 -1.04 0.00	109.68 -0.89 0.00	108.37 -0.88 0.00	113.63 -1.26 0.00	111.18 -1.35 0.00	113.63 -1.50 0.00	119.03 -1.08 0.00	119.27 -1.09 0.00	120.55 -0.98 0.00	122.41 -0.99 0.00	123.74 -0.87 0.00	129.42 -1.31 0.00	131.14 -1.73 0.00	130.98 -2.27 0.00	134.38 -2.32 0.00	153.55 -2.33 0.00	173.80 -2.83 0.00	162.38 -2.47 0.00	145.94 -2.67 0.00	135.56 -2.35 0.00	124.47 -2.15 0.00	123.63 -2.14 0.00	119.15 -1.57 0.00
BROWNFLS_115KV_TB_3_5 80003	121.41 -0.73 0.00	114.95 -0.35 0.00	110.35 -0.22 0.00	109.47 0.22 0.00	115.58 0.69 0.00	113.65 1.13 0.00	115.94 0.81 0.00	121.44 1.32 0.00	121.68 1.32 0.00	122.50 0.97 0.00	124.76 1.36 0.00	125.60 1.00 0.00	131.51 0.78 0.00	133.27 0.40 0.00	133.24 0.00 0.00	136.98 0.27 0.00	156.04 0.16 0.00	176.27 -0.35 0.00	164.35 -0.49 0.00	147.13 -1.49 0.00	136.52 -1.38 0.00	124.72 -1.90 0.00	126.52 0.75 0.00	121.21 0.48 0.00
BROWNSV1_27_KV_LOAD 356125	127.27 5.13 0.00	119.79 4.50 0.00	114.66 4.09 0.00	113.18 3.93 0.00	118.80 3.91 0.00	115.90 3.38 0.00	119.16 4.03 0.00	123.60 3.48 0.00	124.20 3.85 0.00	125.78 4.25 0.00	128.83 5.43 0.00	130.46 5.86 0.00	137.13 6.41 0.00	140.18 7.31 0.00	140.44 7.20 0.00	143.81 7.11 0.00	164.15 8.26 0.00	186.52 9.89 0.00	174.24 9.40 0.00	157.38 8.77 0.00	145.35 7.45 0.00	133.84 7.22 0.00	131.93 6.16 0.00	126.40 5.67 0.00
BURROWS___LYONSDAL 23803	123.85 1.71 0.00	116.79 1.50 0.00	112.12 1.55 0.00	111.33 2.08 0.00	117.30 2.41 0.00	115.56 3.04 0.00	118.36 3.22 0.00	124.20 4.08 0.00	124.45 4.09 0.00	125.66 4.13 0.00	127.96 4.57 0.00	129.09 4.49 0.00	135.56 4.84 0.00	137.52 4.65 0.00	137.51 4.26 0.00	141.49 4.78 0.00	161.65 5.77 0.00	182.81 6.18 0.00	170.62 5.77 0.00	152.33 3.72 0.00	141.21 3.31 0.00	128.77 2.15 0.00	130.17 4.40 0.00	124.23 3.50 0.00
CAITHNESS_CC_1 323624	127.76 5.62 0.00	122.33 7.03 0.00	116.87 6.30 0.00	115.58 6.33 0.00	120.75 5.86 0.00	118.03 5.51 0.00	120.89 5.75 0.00	125.40 5.28 0.00	125.41 5.05 0.00	126.75 5.22 0.00	129.69 6.29 0.00	131.08 6.48 0.00	137.95 7.18 -0.04	141.42 8.51 -0.04	141.55 8.26 -0.04	210.90 8.76 -65.44	198.57 10.13 -32.56	198.41 13.07 -8.71	198.50 12.52 -21.13	198.34 11.44 -38.28	147.45 9.51 -0.04	135.65 8.99 -0.04	132.17 6.41 0.00	127.97 7.24 0.00
CALPINE BETH_PAGE_GT4 24209	126.17 4.03 0.00	120.48 5.19 0.00	115.21 4.64 0.00	113.95 4.70 0.00	119.14 4.25 0.00	116.35 3.83 0.00	119.28 4.14 0.00	123.24 3.12 0.00	123.60 3.25 0.00	124.44 2.92 0.00	127.84 4.44 0.00	129.59 4.98 0.00	135.95 5.23 0.00	139.25 6.38 0.00	139.37 6.13 0.00	143.13 6.42 0.00	163.84 7.95 0.00	187.05 10.42 0.00	174.90 10.06 0.00	157.83 9.21 0.00	145.49 7.58 0.00	133.96 7.34 0.00	130.79 5.03 0.00	125.80 5.07 0.00
CALPINE_BETH_PAGE_GT_4 323586	126.16 4.02 0.00	120.49 5.19 0.00	115.21 4.64 0.00	113.94 4.69 0.00	119.14 4.25 0.00	116.35 3.83 0.00	119.27 4.14 0.00	123.72 3.60 0.00	123.85 3.49 0.00	125.17 3.64 0.00	127.97 4.57 0.00	129.22 4.61 0.00	135.96 5.23 0.00	139.24 6.38 0.00	139.38 6.13 0.00	143.13 6.43 0.00	163.83 7.95 0.00	187.05 10.42 0.00	174.90 10.06 0.00	157.83 9.22 0.00	145.48 7.58 0.00	133.71 7.09 0.00	130.66 4.90 0.00	126.16 5.44 0.00
CALPINE_BP_GT1 23823	126.16 4.02 0.00	120.49 5.19 0.00	115.21 4.64 0.00	113.94 4.69 0.00	119.14 4.25 0.00	116.35 3.83 0.00	119.27 4.14 0.00	123.72 3.60 0.00	123.85 3.49 0.00	125.17 3.64 0.00	127.97 4.57 0.00	129.22 4.61 0.00	135.96 5.23 0.00	139.24 6.38 0.00	139.38 6.13 0.00	143.13 6.43 0.00	163.83 7.95 0.00	187.05 10.42 0.00	174.90 10.06 0.00	157.83 9.22 0.00	145.48 7.58 0.00	133.71 7.09 0.00	130.66 4.90 0.00	126.16 5.44 0.00
CALSPAN___DRP 24200	115.42 -6.72 0.00	109.64 -5.65 0.00	105.37 -5.20 0.00	104.12 -5.13 0.00	108.34 -6.55 0.00	106.11 -6.41 0.00	108.22 -6.91 0.00	113.03 -7.09 0.00	113.37 -6.98 0.00	115.57 -5.95 0.00	117.23 -6.17 0.00	118.00 -6.60 0.00	122.62 -8.10 0.00	122.37 -10.50 0.00	121.52 -11.73 0.00	123.58 -13.12 0.00	140.92 -14.97 0.00	159.85 -16.78 0.00	148.86 -15.99 0.00	132.57 -16.05 0.00	124.11 -13.79 0.00	114.34 -12.28 0.00	114.32 -11.44 0.00	112.76 -7.97 0.00



CALVERTON___SOLAR 323806	128.49 6.35 0.00	123.02 7.73 0.00	117.54 6.97 0.00	116.35 7.10 0.00	121.44 6.55 0.00	118.59 6.07 0.00	121.69 6.56 0.00	126.12 6.00 0.00	126.13 5.78 0.00	127.48 5.95 0.00	130.55 7.15 0.00	131.96 7.35 0.00	139.00 8.24 -0.04	142.60 9.69 -0.04	142.61 9.32 -0.04	211.93 9.85 -65.38	199.79 11.37 -32.53	199.82 14.49 -8.71	199.81 13.85 -21.11	199.64 12.78 -38.24	148.56 10.62 -0.04	136.54 9.88 -0.04	132.93 7.16 0.00	128.69 7.97 0.00
CANDIGU_WT_PWR 323617	118.11 -4.03 0.00	112.07 -3.23 0.00	107.81 -2.76 0.00	106.41 -2.84 0.00	111.33 -3.56 0.00	108.92 -3.61 0.00	111.22 -3.91 0.00	116.75 -3.36 0.00	116.75 -3.61 0.00	118.37 -3.16 0.00	119.44 -3.95 0.00	120.37 -4.24 0.00	125.11 -5.62 0.00	125.95 -6.91 0.00	125.51 -7.73 0.00	128.36 -8.34 0.00	147.01 -8.88 0.00	166.38 -10.25 0.00	154.79 -10.06 0.00	138.21 -10.41 0.00	128.80 -9.11 0.00	118.51 -8.11 0.00	117.97 -7.80 0.00	114.81 -5.91 0.00
CARR STREET_E__SYR 24060	119.21 -2.93 0.00	112.53 -2.77 0.00	108.03 -2.54 0.00	106.74 -2.51 0.00	112.02 -2.87 0.00	109.71 -2.81 0.00	112.14 -2.99 0.00	117.47 -2.64 0.00	117.82 -2.53 0.00	119.10 -2.43 0.00	120.93 -2.47 0.00	122.24 -2.37 0.00	127.85 -2.88 0.00	129.82 -3.05 0.00	129.78 -3.47 0.00	133.15 -3.56 0.00	152.00 -3.89 0.00	172.03 -4.59 0.00	160.56 -4.29 0.00	144.46 -4.16 0.00	134.32 -3.59 0.00	123.21 -3.41 0.00	122.49 -3.27 0.00	117.71 -3.01 0.00
CARTHAGE___PAPER 23857	122.26 0.12 0.00	115.41 0.12 0.00	110.68 0.11 0.00	109.91 0.66 0.00	115.92 1.03 0.00	114.21 1.69 0.00	116.86 1.73 0.00	122.64 2.53 0.00	122.89 2.53 0.00	124.08 2.56 0.00	126.35 2.96 0.00	127.34 2.74 0.00	133.59 2.87 0.00	135.52 2.66 0.00	135.37 2.13 0.00	139.58 2.88 0.00	159.62 3.74 0.00	180.51 3.88 0.00	168.47 3.62 0.00	150.25 1.64 0.00	139.28 1.38 0.00	126.75 0.13 0.00	128.53 2.76 0.00	122.65 1.93 0.00
CASSADAGA_WT_PWR 323784	118.48 -3.66 0.00	112.53 -2.77 0.00	108.46 -2.10 0.00	106.85 -2.40 0.00	111.33 -3.56 0.00	108.58 -3.94 0.00	110.64 -4.49 0.00	116.16 -3.96 0.00	116.14 -4.22 0.00	118.25 -3.28 0.00	119.94 -3.45 0.00	120.74 -3.86 0.00	125.36 -5.37 0.00	125.56 -7.31 0.00	124.71 -8.53 0.00	127.00 -9.70 0.00	144.97 -10.92 0.00	164.61 -12.02 0.00	152.98 -11.87 0.00	136.13 -12.48 0.00	127.15 -10.76 0.00	117.63 -8.99 0.00	117.09 -8.68 0.00	114.81 -5.91 0.00
CE_DUNWOOD___DRP 24194	126.17 4.03 0.00	118.87 3.57 0.00	113.78 3.21 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.22 2.70 0.00	118.24 3.11 0.00	122.88 2.76 0.00	123.24 2.89 0.00	124.57 3.04 0.00	127.59 4.20 0.00	129.09 4.49 0.00	135.69 4.97 0.00	138.58 5.71 0.00	138.84 5.60 0.00	142.31 5.60 0.00	162.43 6.55 0.00	184.58 7.95 0.00	172.43 7.58 0.00	155.75 7.13 0.00	143.83 5.93 0.00	132.32 5.70 0.00	130.67 4.90 0.00	125.07 4.35 0.00
CE_MILLWOOD___DRP 24193	125.93 3.79 0.00	118.75 3.46 0.00	113.66 3.10 0.00	112.20 2.95 0.00	117.76 2.87 0.00	115.11 2.59 0.00	118.13 2.99 0.00	122.64 2.52 0.00	123.00 2.65 0.00	124.32 2.80 0.00	127.22 3.83 0.00	128.72 4.11 0.00	135.30 4.58 0.00	138.32 5.45 0.00	138.57 5.33 0.00	142.03 5.33 0.00	162.12 6.24 0.00	184.22 7.59 0.00	172.10 7.25 0.00	155.45 6.84 0.00	143.56 5.65 0.00	132.06 5.44 0.00	130.42 4.65 0.00	124.83 4.10 0.00
CE_NYC2_DRP 24202	126.78 4.64 0.00	119.21 3.92 0.00	114.00 3.43 0.00	112.53 3.28 0.00	117.99 3.10 0.00	114.77 2.25 0.00	117.78 2.65 0.00	122.16 2.04 0.00	122.64 2.29 0.00	124.20 2.67 0.00	127.22 3.83 0.00	128.84 4.24 0.00	135.43 4.71 0.00	138.45 5.58 0.00	138.84 5.60 0.00	142.03 5.33 0.00	161.97 6.08 0.00	184.22 7.59 0.00	172.10 7.25 0.00	155.60 6.98 0.00	143.56 5.65 0.00	132.32 5.70 0.00	130.67 4.90 0.00	125.80 5.07 0.00
CE_NYC_DRP 24195	126.41 4.27 0.00	118.98 3.69 0.00	113.89 3.32 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.22 2.70 0.00	118.36 3.22 0.00	122.76 2.64 0.00	123.36 3.01 0.00	124.81 3.28 0.00	127.84 4.44 0.00	129.47 4.86 0.00	136.08 5.36 0.00	139.11 6.24 0.00	139.37 6.13 0.00	142.72 6.01 0.00	162.75 6.86 0.00	185.11 8.48 0.00	172.93 8.08 0.00	156.20 7.58 0.00	144.25 6.34 0.00	132.82 6.20 0.00	130.92 5.16 0.00	125.43 4.71 0.00
CHAFFEE___LFGE 323603	115.78 -6.36 0.00	109.99 -5.30 0.00	106.03 -4.54 0.00	104.45 -4.80 0.00	109.03 -5.86 0.00	106.44 -6.08 0.00	108.69 -6.45 0.00	113.75 -6.37 0.00	113.85 -6.50 0.00	116.06 -5.47 0.00	117.60 -5.80 0.00	118.50 -6.10 0.00	122.88 -7.84 0.00	122.90 -9.97 0.00	122.05 -11.19 0.00	124.26 -12.44 0.00	141.70 -14.18 0.00	160.73 -15.90 0.00	149.68 -15.16 0.00	133.31 -15.30 0.00	124.80 -13.10 0.00	115.73 -10.89 0.00	115.33 -10.44 0.00	113.36 -7.37 0.00
CHATEAUG_35_KV_LOAD 355732	122.51 0.37 0.00	115.87 0.58 0.00	111.45 0.88 0.00	110.45 1.20 0.00	116.73 1.84 0.00	114.43 1.91 0.00	117.32 2.19 0.00	122.16 2.04 0.00	122.40 2.05 0.00	122.74 1.22 0.00	124.02 0.62 0.00	124.98 0.37 0.00	131.38 0.65 0.00	133.40 0.53 0.00	134.18 0.93 0.00	137.66 0.96 0.00	157.29 1.40 0.00	178.04 1.41 0.00	165.84 0.99 0.00	149.51 0.89 0.00	139.01 1.10 0.00	127.25 0.63 0.00	126.52 0.75 0.00	121.69 0.97 0.00
CHATEAUG_WT_PWR 323614	122.02 -0.12 0.00	115.52 0.23 0.00	111.01 0.44 0.00	110.02 0.77 0.00	116.16 1.27 0.00	113.88 1.36 0.00	116.74 1.61 0.00	121.32 1.20 0.00	121.08 0.73 0.00	122.14 0.61 0.00	123.40 0.00 0.00	124.36 -0.25 0.00	130.72 0.00 0.00	132.73 -0.13 0.00	133.38 0.13 0.00	136.84 0.14 0.00	156.20 0.31 0.00	176.80 0.18 0.00	164.85 0.00 0.00	148.62 0.00 0.00	138.04 0.14 0.00	126.49 -0.13 0.00	125.76 0.00 0.00	120.48 -0.24 0.00
CHAT_HIGH_FALL_HYD 323578	122.51 0.37 0.00	115.87 0.58 0.00	111.45 0.88 0.00	110.45 1.20 0.00	116.73 1.84 0.00	114.43 1.91 0.00	117.32 2.19 0.00	122.16 2.04 0.00	122.40 2.05 0.00	122.74 1.22 0.00	124.02 0.62 0.00	124.98 0.37 0.00	131.38 0.65 0.00	133.40 0.53 0.00	134.18 0.93 0.00	137.66 0.96 0.00	157.29 1.40 0.00	178.04 1.41 0.00	165.84 0.99 0.00	149.51 0.89 0.00	139.01 1.10 0.00	127.25 0.63 0.00	126.52 0.75 0.00	121.69 0.97 0.00
CHAUTAUQUA___LFGE 323629	117.01 -5.13 0.00	111.03 -4.26 0.00	107.03 -3.54 0.00	105.42 -3.83 0.00	109.95 -4.94 0.00	107.35 -5.17 0.00	109.49 -5.64 0.00	114.83 -5.28 0.00	114.82 -5.53 0.00	117.03 -4.49 0.00	118.58 -4.81 0.00	119.38 -5.23 0.00	123.92 -6.80 0.00	124.09 -8.77 0.00	123.25 -10.00 0.00	125.50 -11.21 0.00	143.26 -12.62 0.00	162.67 -13.96 0.00	151.33 -13.51 0.00	134.64 -13.98 0.00	125.90 -12.00 0.00	116.61 -10.01 0.00	116.08 -9.68 0.00	113.85 -6.88 0.00
CHERRYST_13_KV_LD 356241	126.66 4.52 0.00	119.21 3.92 0.00	114.11 3.54 0.00	112.75 3.50 0.00	118.22 3.33 0.00	115.45 2.93 0.00	118.59 3.45 0.00	123.12 3.00 0.00	123.60 3.25 0.00	125.17 3.65 0.00	128.21 4.81 0.00	129.84 5.23 0.00	136.47 5.75 0.00	139.51 6.64 0.00	139.77 6.53 0.00	143.13 6.42 0.00	163.37 7.48 0.00	185.64 9.01 0.00	173.42 8.57 0.00	156.64 8.03 0.00	144.66 6.76 0.00	133.08 6.46 0.00	131.30 5.53 0.00	125.80 5.07 0.00



CHESTROR_138KV_BK263 355645	125.07 2.93 0.00	117.95 2.65 0.00	113.00 2.43 0.00	111.54 2.29 0.00	117.07 2.18 0.00	114.43 1.91 0.00	117.32 2.19 0.00	121.92 1.80 0.00	122.16 1.81 0.00	123.35 1.82 0.00	126.11 2.71 0.00	127.60 2.99 0.00	134.12 3.40 0.00	136.85 3.99 0.00	137.24 4.00 0.00	140.80 4.10 0.00	160.72 4.83 0.00	182.46 5.83 0.00	170.45 5.60 0.00	153.82 5.20 0.00	142.32 4.41 0.00	130.92 4.31 0.00	129.41 3.65 0.00	123.74 3.02 0.00
CH_MIDHUDSON___DRP 24192	126.78 4.64 0.00	119.44 4.15 0.00	114.44 3.87 0.00	112.96 3.71 0.00	118.57 3.68 0.00	115.90 3.38 0.00	118.82 3.68 0.00	123.48 3.36 0.00	123.60 3.25 0.00	124.81 3.28 0.00	127.59 4.20 0.00	129.09 4.49 0.00	135.69 4.97 0.00	138.58 5.71 0.00	138.84 5.60 0.00	142.58 5.88 0.00	162.75 6.86 0.00	184.75 8.12 0.00	172.60 7.75 0.00	155.90 7.28 0.00	144.25 6.34 0.00	132.57 5.95 0.00	131.05 5.28 0.00	125.31 4.59 0.00
CH_MISC_IPPS 23765	127.27 5.13 0.00	119.91 4.62 0.00	114.77 4.20 0.00	113.29 4.04 0.00	118.91 4.02 0.00	116.23 3.71 0.00	119.16 4.03 0.00	123.96 3.84 0.00	123.96 3.61 0.00	125.17 3.64 0.00	127.97 4.57 0.00	129.22 4.61 0.00	135.96 5.23 0.00	138.98 6.12 0.00	139.25 6.00 0.00	142.99 6.29 0.00	163.37 7.48 0.00	185.46 8.83 0.00	173.09 8.24 0.00	156.34 7.72 0.00	144.66 6.76 0.00	132.95 6.33 0.00	131.43 5.66 0.00	125.68 4.95 0.00
CH_RES_BVR_FALLS 23983	122.02 -0.12 0.00	115.18 -0.12 0.00	110.57 0.00 0.00	109.25 0.00 0.00	114.89 0.00 0.00	112.52 0.00 0.00	115.13 0.00 0.00	120.12 0.00 0.00	120.35 0.00 0.00	121.53 0.00 0.00	123.27 -0.12 0.00	124.48 -0.12 0.00	130.59 -0.13 0.00	132.73 -0.13 0.00	133.11 -0.13 0.00	136.57 -0.14 0.00	155.73 -0.16 0.00	176.45 -0.18 0.00	164.68 -0.16 0.00	148.47 -0.15 0.00	137.76 -0.14 0.00	126.37 -0.25 0.00	125.64 -0.13 0.00	120.60 -0.12 0.00
CH_RES_NIAGARA 23895	110.29 -11.85 0.00	104.80 -10.49 0.00	103.05 -7.52 0.00	99.75 -9.50 0.00	103.52 -11.37 0.00	101.72 -10.80 0.00	103.73 -11.40 0.00	108.35 -11.77 0.00	108.68 -11.67 0.00	110.83 -10.69 0.00	112.42 -10.98 0.00	113.27 -11.34 0.00	117.52 -13.20 0.00	117.06 -15.81 0.00	116.19 -17.06 0.00	117.84 -18.86 0.00	134.37 -21.51 0.00	151.90 -24.73 0.00	141.60 -23.24 0.00	126.03 -22.59 0.00	118.18 -19.72 0.00	109.15 -17.47 0.00	109.16 -16.60 0.00	107.93 -12.80 0.00
CH_RES_SYRACUSE 23985	119.94 -2.19 0.00	113.22 -2.07 0.00	108.69 -1.88 0.00	107.29 -1.96 0.00	112.70 -2.19 0.00	110.27 -2.25 0.00	112.83 -2.30 0.00	118.32 -1.80 0.00	118.55 -1.80 0.00	119.83 -1.70 0.00	121.67 -1.73 0.00	123.12 -1.49 0.00	128.77 -1.96 0.00	130.61 -2.26 0.00	130.71 -2.54 0.00	134.10 -2.60 0.00	153.08 -2.80 0.00	173.27 -3.36 0.00	161.71 -3.14 0.00	145.49 -3.13 0.00	135.28 -2.62 0.00	124.09 -2.53 0.00	123.25 -2.51 0.00	118.43 -2.30 0.00
CLINTON_WT_PWR 323605	122.02 -0.12 0.00	115.52 0.23 0.00	111.01 0.44 0.00	110.02 0.77 0.00	116.16 1.27 0.00	113.88 1.36 0.00	116.74 1.61 0.00	121.32 1.20 0.00	121.08 0.73 0.00	122.14 0.61 0.00	123.40 0.00 0.00	124.36 -0.25 0.00	130.72 0.00 0.00	132.73 -0.13 0.00	133.38 0.13 0.00	136.84 0.14 0.00	156.20 0.31 0.00	176.80 0.18 0.00	164.85 0.00 0.00	148.62 0.00 0.00	138.04 0.14 0.00	126.49 -0.13 0.00	125.76 0.00 0.00	120.48 -0.24 0.00
CLINTON___LFGE 323618	123.49 1.35 0.00	116.56 1.27 0.00	112.12 1.55 0.00	111.11 1.86 0.00	117.31 2.42 0.00	115.11 2.59 0.00	118.12 2.99 0.00	122.52 2.40 0.00	121.91 1.56 0.00	123.10 1.58 0.00	124.02 0.62 0.00	125.11 0.50 0.00	131.64 0.92 0.00	133.54 0.67 0.00	134.31 1.06 0.00	137.79 1.09 0.00	157.60 1.72 0.00	178.57 1.95 0.00	166.16 1.31 0.00	149.80 1.18 0.00	139.28 1.38 0.00	127.38 0.76 0.00	126.52 0.76 0.00	121.09 0.36 0.00
COBBLENY_34_KV_TB1 80064	115.79 -6.35 0.00	109.99 -5.30 0.00	105.81 -4.75 0.00	104.55 -4.70 0.00	108.69 -6.20 0.00	106.44 -6.08 0.00	108.57 -6.56 0.00	113.39 -6.73 0.00	113.73 -6.62 0.00	116.06 -5.47 0.00	117.72 -5.68 0.00	118.50 -6.11 0.00	123.14 -7.58 0.00	122.90 -9.97 0.00	122.05 -11.19 0.00	124.26 -12.44 0.00	141.70 -14.19 0.00	160.73 -15.90 0.00	149.68 -15.17 0.00	133.31 -15.31 0.00	124.80 -13.10 0.00	114.84 -11.78 0.00	114.82 -10.94 0.00	113.24 -7.48 0.00
COFFEEN___115KV_TB3 355620	123.48 1.34 0.00	116.33 1.04 0.00	111.56 1.00 0.00	110.78 1.53 0.00	116.61 1.72 0.00	114.55 2.03 0.00	117.44 2.30 0.00	123.60 3.48 0.00	123.84 3.49 0.00	125.05 3.52 0.00	127.10 3.70 0.00	128.22 3.61 0.00	134.51 3.79 0.00	136.32 3.45 0.00	136.18 2.93 0.00	140.53 3.83 0.00	161.03 5.14 0.00	182.46 5.83 0.00	170.29 5.44 0.00	152.03 3.42 0.00	140.94 3.03 0.00	128.14 1.52 0.00	129.41 3.65 0.00	123.38 2.66 0.00
COLDSPRG_115KV_BK1 355956	119.33 -2.81 0.00	113.22 -2.08 0.00	109.02 -1.55 0.00	107.50 -1.75 0.00	111.79 -3.10 0.00	109.37 -3.15 0.00	111.56 -3.57 0.00	116.87 -3.24 0.00	117.10 -3.25 0.00	119.46 -2.07 0.00	121.18 -2.22 0.00	121.99 -2.62 0.00	126.93 -3.79 0.00	127.02 -5.85 0.00	126.05 -7.20 0.00	128.64 -8.07 0.00	146.84 -9.04 0.00	166.91 -9.71 0.00	155.29 -9.56 0.00	138.36 -10.25 0.00	129.08 -8.83 0.00	118.52 -8.10 0.00	118.47 -7.29 0.00	116.02 -4.71 0.00
COLONIE_LFGE___ 323577	127.88 5.74 0.00	120.60 5.31 0.00	115.66 5.09 0.00	114.05 4.80 0.00	119.94 5.05 0.00	117.47 4.95 0.00	120.08 4.95 0.00	125.16 5.04 0.00	125.29 4.94 0.00	126.63 5.10 0.00	128.82 5.42 0.00	130.08 5.48 0.00	136.74 6.02 0.00	139.24 6.38 0.00	139.38 6.13 0.00	143.26 6.56 0.00	163.37 7.48 0.00	185.28 8.65 0.00	173.09 8.24 0.00	156.34 7.72 0.00	144.79 6.89 0.00	132.95 6.33 0.00	131.92 6.16 0.00	126.52 5.79 0.00
COOPERNY_115KV_TB1 80082	124.09 1.95 0.00	117.02 1.73 0.00	112.23 1.66 0.00	110.78 1.53 0.00	116.38 1.49 0.00	113.76 1.24 0.00	116.63 1.50 0.00	121.32 1.20 0.00	121.56 1.20 0.00	122.87 1.34 0.00	125.37 1.97 0.00	126.85 2.24 0.00	133.21 2.48 0.00	135.79 2.92 0.00	136.04 2.80 0.00	139.57 2.87 0.00	159.16 3.27 0.00	180.69 4.06 0.00	168.80 3.96 0.00	152.33 3.72 0.00	140.94 3.03 0.00	129.53 2.91 0.00	128.28 2.52 0.00	122.78 2.05 0.00
COPENHAGEN_WT_PWR 323753	122.26 0.12 0.00	115.29 0.00 0.00	110.57 0.00 0.00	109.69 0.44 0.00	115.58 0.69 0.00	113.42 0.90 0.00	116.17 1.03 0.00	122.16 2.04 0.00	122.40 2.04 0.00	123.59 2.06 0.00	125.74 2.34 0.00	126.85 2.25 0.00	133.08 2.36 0.00	134.99 2.12 0.00	134.71 1.47 0.00	139.02 2.32 0.00	159.00 3.12 0.00	179.98 3.35 0.00	167.97 3.12 0.00	150.10 1.49 0.00	139.14 1.24 0.00	126.75 0.13 0.00	128.03 2.27 0.00	122.18 1.45 0.00
CORNELL_____ 23752	122.99 0.85 0.00	116.22 0.92 0.00	111.45 0.88 0.00	110.12 0.87 0.00	115.58 0.69 0.00	113.20 0.68 0.00	115.82 0.69 0.00	121.56 1.44 0.00	121.80 1.44 0.00	122.99 1.46 0.00	124.76 1.36 0.00	126.10 1.50 0.00	131.77 1.05 0.00	133.66 0.80 0.00	133.64 0.40 0.00	137.11 0.41 0.00	157.13 1.25 0.00	178.04 1.41 0.00	166.00 1.15 0.00	149.21 0.59 0.00	138.59 0.69 0.00	126.87 0.25 0.00	126.14 0.38 0.00	121.09 0.36 0.00



CORONA__69_KV_TB1 355595	127.51 5.37 0.00	121.40 6.11 0.00	115.99 5.42 0.00	114.71 5.46 0.00	120.06 5.17 0.00	117.25 4.73 0.00	120.20 5.07 0.00	124.32 4.20 0.00	124.69 4.33 0.00	125.78 4.25 0.00	129.32 5.92 0.00	131.09 6.48 0.00	137.52 6.80 0.00	140.84 7.97 0.00	140.84 7.59 0.00	144.63 7.93 0.00	165.24 9.35 0.00	188.64 12.01 0.00	176.39 11.54 0.00	159.17 10.55 0.00	146.87 8.96 0.00	135.23 8.61 0.00	132.05 6.29 0.00	127.00 6.28 0.00
CORTLAND__115KV_TB3 80093	121.90 -0.24 0.00	115.06 -0.23 0.00	110.46 -0.11 0.00	109.14 -0.11 0.00	114.55 -0.34 0.00	112.18 -0.34 0.00	114.67 -0.46 0.00	120.24 0.12 0.00	120.47 0.12 0.00	121.77 0.24 0.00	123.64 0.25 0.00	124.73 0.12 0.00	130.59 -0.13 0.00	132.47 -0.40 0.00	132.45 -0.80 0.00	135.88 -0.82 0.00	155.26 -0.62 0.00	175.92 -0.71 0.00	164.19 -0.66 0.00	147.58 -1.04 0.00	137.07 -0.83 0.00	125.86 -0.76 0.00	125.13 -0.63 0.00	120.12 -0.60 0.00
COXSACKIE__GT 23611	132.16 10.02 0.00	124.52 9.23 0.00	119.08 8.51 0.00	117.22 7.97 0.00	123.39 8.50 0.00	120.85 8.33 0.00	123.43 8.29 0.00	128.40 8.28 0.00	127.33 6.98 0.00	127.96 6.44 0.00	130.30 6.91 0.00	131.33 6.72 0.00	138.30 7.58 0.00	141.24 8.38 0.00	141.37 8.13 0.00	146.00 9.30 0.00	167.58 11.70 0.00	189.70 13.07 0.00	176.88 12.03 0.00	159.46 10.84 0.00	148.11 10.20 0.00	136.12 9.50 0.00	135.32 9.55 0.00	129.17 8.45 0.00
CPV_VALLEY__CC1 323721	124.21 2.07 0.00	117.13 1.84 0.00	112.23 1.66 0.00	110.78 1.53 0.00	116.27 1.38 0.00	113.76 1.24 0.00	116.52 1.39 0.00	121.32 1.20 0.00	121.56 1.20 0.00	122.87 1.34 0.00	125.37 1.97 0.00	126.72 2.12 0.00	133.20 2.48 0.00	135.93 3.06 0.00	136.17 2.93 0.00	139.71 3.00 0.00	159.47 3.59 0.00	181.05 4.42 0.00	169.13 4.28 0.00	152.77 4.16 0.00	141.35 3.45 0.00	129.79 3.17 0.00	128.41 2.65 0.00	123.01 2.29 0.00
CPV_VALLEY__CC2 323722	124.21 2.07 0.00	117.13 1.84 0.00	112.23 1.66 0.00	110.78 1.53 0.00	116.27 1.38 0.00	113.76 1.24 0.00	116.52 1.39 0.00	121.32 1.20 0.00	121.56 1.20 0.00	122.87 1.34 0.00	125.37 1.97 0.00	126.72 2.12 0.00	133.20 2.48 0.00	135.93 3.06 0.00	136.17 2.93 0.00	139.71 3.00 0.00	159.47 3.59 0.00	181.05 4.42 0.00	169.13 4.28 0.00	152.77 4.16 0.00	141.35 3.45 0.00	129.79 3.17 0.00	128.41 2.65 0.00	123.01 2.29 0.00
CRESCENT__HYD 24018	127.88 5.74 0.00	120.60 5.31 0.00	115.66 5.09 0.00	114.05 4.80 0.00	119.94 5.05 0.00	117.47 4.95 0.00	120.08 4.95 0.00	125.16 5.04 0.00	125.29 4.94 0.00	126.63 5.10 0.00	128.82 5.42 0.00	130.08 5.48 0.00	136.74 6.02 0.00	139.24 6.38 0.00	139.38 6.13 0.00	143.26 6.56 0.00	163.37 7.48 0.00	185.28 8.65 0.00	173.09 8.24 0.00	156.34 7.72 0.00	144.79 6.89 0.00	132.95 6.33 0.00	131.92 6.16 0.00	126.52 5.79 0.00
CRICKET__VALLEY_CC1 323756	125.93 3.79 0.00	118.75 3.46 0.00	113.78 3.21 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.33 2.81 0.00	118.24 3.11 0.00	122.99 2.88 0.00	123.24 2.88 0.00	124.57 3.04 0.00	127.23 3.83 0.00	128.47 3.87 0.00	135.03 4.31 0.00	137.79 4.92 0.00	138.03 4.79 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.34 6.71 0.00	171.27 6.42 0.00	154.86 6.24 0.00	143.28 5.37 0.00	131.69 5.07 0.00	130.28 4.52 0.00	124.83 4.11 0.00
CRICKET__VALLEY_CC2 323757	125.93 3.79 0.00	118.75 3.46 0.00	113.78 3.21 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.33 2.81 0.00	118.24 3.11 0.00	122.99 2.88 0.00	123.24 2.88 0.00	124.57 3.04 0.00	127.23 3.83 0.00	128.47 3.87 0.00	135.03 4.31 0.00	137.79 4.92 0.00	138.03 4.79 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.34 6.71 0.00	171.27 6.42 0.00	154.86 6.24 0.00	143.28 5.37 0.00	131.69 5.07 0.00	130.28 4.52 0.00	124.83 4.11 0.00
CRICKET__VALLEY_CC3 323758	125.93 3.79 0.00	118.75 3.46 0.00	113.78 3.21 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.33 2.81 0.00	118.24 3.11 0.00	122.99 2.88 0.00	123.24 2.88 0.00	124.57 3.04 0.00	127.23 3.83 0.00	128.47 3.87 0.00	135.03 4.31 0.00	137.79 4.92 0.00	138.03 4.79 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.34 6.71 0.00	171.27 6.42 0.00	154.86 6.24 0.00	143.28 5.37 0.00	131.69 5.07 0.00	130.28 4.52 0.00	124.83 4.11 0.00
CRUCIBLE__METL_DRP 24180	119.94 -2.20 0.00	113.22 -2.08 0.00	108.69 -1.88 0.00	107.28 -1.97 0.00	112.71 -2.18 0.00	110.27 -2.25 0.00	112.83 -2.30 0.00	118.19 -1.92 0.00	118.55 -1.81 0.00	119.83 -1.70 0.00	121.67 -1.73 0.00	122.99 -1.62 0.00	128.76 -1.96 0.00	130.61 -2.26 0.00	130.71 -2.53 0.00	133.97 -2.73 0.00	153.08 -2.81 0.00	173.27 -3.36 0.00	161.72 -3.13 0.00	145.49 -3.12 0.00	135.28 -2.62 0.00	124.09 -2.53 0.00	123.25 -2.52 0.00	118.31 -2.41 0.00
DAHOWA__HYDRO 323763	130.56 8.42 0.00	123.14 7.84 0.00	117.86 7.30 0.00	116.25 7.00 0.00	122.47 7.58 0.00	120.06 7.54 0.00	122.39 7.26 0.00	127.69 7.57 0.00	127.70 7.34 0.00	128.94 7.41 0.00	131.05 7.65 0.00	132.34 7.73 0.00	139.35 8.63 0.00	141.63 8.77 0.00	141.78 8.54 0.00	146.13 9.43 0.00	166.79 10.91 0.00	189.17 12.54 0.00	176.72 11.88 0.00	159.46 10.84 0.00	148.11 10.20 0.00	135.74 9.12 0.00	134.43 8.67 0.00	128.94 8.21 0.00
DANC__LFGE 323619	120.68 -1.46 0.00	113.79 -1.50 0.00	109.13 -1.44 0.00	108.16 -1.09 0.00	113.74 -1.15 0.00	111.51 -1.01 0.00	114.21 -0.93 0.00	119.88 -0.24 0.00	120.11 -0.24 0.00	121.29 -0.24 0.00	123.40 0.00 0.00	124.61 0.00 0.00	130.59 -0.13 0.00	132.47 -0.40 0.00	132.32 -0.93 0.00	136.16 -0.54 0.00	155.58 -0.31 0.00	176.10 -0.53 0.00	164.35 -0.49 0.00	147.28 -1.34 0.00	136.66 -1.24 0.00	124.85 -1.77 0.00	125.39 -0.38 0.00	120.00 -0.72 0.00
DANSKAMMER__1 23586	127.27 5.13 0.00	119.91 4.62 0.00	114.77 4.20 0.00	113.29 4.04 0.00	118.91 4.02 0.00	116.23 3.71 0.00	119.16 4.03 0.00	123.96 3.84 0.00	123.96 3.61 0.00	125.17 3.64 0.00	127.97 4.57 0.00	129.22 4.61 0.00	135.96 5.23 0.00	138.98 6.12 0.00	139.25 6.00 0.00	142.99 6.29 0.00	163.37 7.48 0.00	185.46 8.83 0.00	173.09 8.24 0.00	156.34 7.72 0.00	144.66 6.76 0.00	132.95 6.33 0.00	131.43 5.66 0.00	125.68 4.95 0.00
DANSKAMMER__2 23589	127.27 5.13 0.00	119.91 4.62 0.00	114.77 4.20 0.00	113.29 4.04 0.00	118.91 4.02 0.00	116.23 3.71 0.00	119.16 4.03 0.00	123.96 3.84 0.00	123.96 3.61 0.00	125.17 3.64 0.00	127.97 4.57 0.00	129.22 4.61 0.00	135.96 5.23 0.00	138.98 6.12 0.00	139.25 6.00 0.00	142.99 6.29 0.00	163.37 7.48 0.00	185.46 8.83 0.00	173.09 8.24 0.00	156.34 7.72 0.00	144.66 6.76 0.00	132.95 6.33 0.00	131.43 5.66 0.00	125.68 4.95 0.00
DANSKAMMER__3 23590	127.27 5.13 0.00	119.91 4.62 0.00	114.77 4.20 0.00	113.29 4.04 0.00	118.91 4.02 0.00	116.23 3.71 0.00	119.16 4.03 0.00	123.96 3.84 0.00	123.96 3.61 0.00	125.17 3.64 0.00	127.97 4.57 0.00	129.22 4.61 0.00	135.96 5.23 0.00	138.98 6.12 0.00	139.25 6.00 0.00	142.99 6.29 0.00	163.37 7.48 0.00	185.46 8.83 0.00	173.09 8.24 0.00	156.34 7.72 0.00	144.66 6.76 0.00	132.95 6.33 0.00	131.43 5.66 0.00	125.68 4.95 0.00



DANSKAMMER___4 23591	127.27 5.13 0.00	119.91 4.62 0.00	114.77 4.20 0.00	113.29 4.04 0.00	118.91 4.02 0.00	116.23 3.71 0.00	119.16 4.03 0.00	123.96 3.84 0.00	123.96 3.61 0.00	125.17 3.64 0.00	127.97 4.57 0.00	129.22 4.61 0.00	135.96 5.23 0.00	138.98 6.12 0.00	139.25 6.00 0.00	142.99 6.29 0.00	163.37 7.48 0.00	185.46 8.83 0.00	173.09 8.24 0.00	156.34 7.72 0.00	144.66 6.76 0.00	132.95 6.33 0.00	131.43 5.66 0.00	125.68 4.95 0.00
DANSKAMMER___DIESEL 23592	127.27 5.13 0.00	119.91 4.61 0.00	114.77 4.20 0.00	113.29 4.04 0.00	118.91 4.02 0.00	116.23 3.71 0.00	119.16 4.03 0.00	123.72 3.60 0.00	123.72 3.37 0.00	124.93 3.40 0.00	127.84 4.44 0.00	129.34 4.74 0.00	135.95 5.23 0.00	138.98 6.11 0.00	139.24 6.00 0.00	142.99 6.29 0.00	163.37 7.48 0.00	185.46 8.83 0.00	173.09 8.24 0.00	156.34 7.73 0.00	144.66 6.76 0.00	132.95 6.33 0.00	131.55 5.79 0.00	125.55 4.83 0.00
DARBY___SOLAR 323810	129.84 7.70 0.00	122.44 7.15 0.00	117.31 6.75 0.00	115.69 6.44 0.00	121.90 7.01 0.00	119.39 6.86 0.00	121.81 6.68 0.00	127.08 6.96 0.00	127.09 6.74 0.00	128.33 6.80 0.00	130.43 7.03 0.00	131.58 6.97 0.00	138.57 7.84 0.00	140.84 7.97 0.00	141.10 7.86 0.00	145.46 8.76 0.00	166.01 10.13 0.00	188.28 11.65 0.00	175.72 10.88 0.00	158.73 10.11 0.00	147.28 9.38 0.00	134.97 8.35 0.00	133.82 8.06 0.00	128.34 7.61 0.00
DASHVILLE___HYD 23610	126.17 4.03 0.00	118.98 3.69 0.00	113.89 3.32 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.33 2.81 0.00	118.13 2.99 0.00	122.52 2.40 0.00	122.40 2.05 0.00	123.47 1.94 0.00	126.24 2.84 0.00	127.72 3.12 0.00	134.25 3.53 0.00	137.25 4.38 0.00	137.64 4.40 0.00	141.35 4.65 0.00	161.65 5.77 0.00	183.52 6.89 0.00	171.28 6.43 0.00	154.71 6.09 0.00	143.14 5.24 0.00	131.68 5.06 0.00	130.29 4.53 0.00	124.35 3.62 0.00
DELAWARE___LFGE 323621	124.46 2.32 0.00	117.48 2.19 0.00	112.78 2.21 0.00	111.44 2.19 0.00	116.96 2.07 0.00	114.55 2.03 0.00	117.09 1.96 0.00	122.40 2.28 0.00	122.52 2.17 0.00	123.84 2.31 0.00	125.99 2.59 0.00	127.35 2.74 0.00	133.73 3.01 0.00	135.92 3.06 0.00	136.04 2.80 0.00	139.71 3.01 0.00	159.47 3.59 0.00	180.69 4.06 0.00	168.80 3.96 0.00	152.18 3.57 0.00	141.07 3.17 0.00	129.28 2.66 0.00	128.28 2.52 0.00	122.90 2.17 0.00
DERFIELD_115KV_TB7 355931	122.63 0.49 0.00	115.75 0.46 0.00	111.01 0.44 0.00	109.69 0.44 0.00	115.35 0.46 0.00	112.97 0.45 0.00	115.48 0.35 0.00	120.48 0.36 0.00	120.71 0.36 0.00	122.01 0.49 0.00	124.02 0.62 0.00	125.23 0.62 0.00	131.51 0.78 0.00	133.66 0.80 0.00	133.91 0.67 0.00	137.39 0.68 0.00	156.51 0.62 0.00	177.33 0.71 0.00	165.67 0.82 0.00	149.36 0.74 0.00	138.45 0.55 0.00	127.25 0.63 0.00	126.39 0.63 0.00	121.21 0.48 0.00
DOGLEVILLE___HYD 23807	128.74 6.60 0.00	121.63 6.34 0.00	116.87 6.30 0.00	115.70 6.45 0.00	121.78 6.89 0.00	119.38 6.86 0.00	122.27 7.14 0.00	127.80 7.69 0.00	128.18 7.82 0.00	129.55 8.02 0.00	131.79 8.39 0.00	133.08 8.47 0.00	139.61 8.89 0.00	141.77 8.90 0.00	141.91 8.66 0.00	145.59 8.89 0.00	165.86 9.98 0.00	187.93 11.30 0.00	175.23 10.39 0.00	157.68 9.07 0.00	146.18 8.27 0.00	133.96 7.34 0.00	133.06 7.29 0.00	127.61 6.88 0.00
DUNKIRK__115KV_TB_200 55889	116.77 -5.37 0.00	110.80 -4.50 0.00	106.70 -3.87 0.00	105.32 -3.93 0.00	109.49 -5.40 0.00	107.12 -5.40 0.00	109.26 -5.87 0.00	114.35 -5.77 0.00	114.70 -5.66 0.00	116.79 -4.74 0.00	118.46 -4.94 0.00	119.25 -5.36 0.00	123.92 -6.80 0.00	123.97 -8.90 0.00	123.12 -10.13 0.00	125.36 -11.35 0.00	143.10 -12.78 0.00	162.32 -14.31 0.00	151.17 -13.68 0.00	134.50 -14.12 0.00	125.77 -12.14 0.00	115.73 -10.89 0.00	115.58 -10.19 0.00	113.60 -7.12 0.00
DUNKIRK___1 23563	116.77 -5.37 0.00	110.80 -4.50 0.00	106.70 -3.87 0.00	105.32 -3.93 0.00	109.49 -5.40 0.00	107.12 -5.40 0.00	109.26 -5.87 0.00	114.35 -5.77 0.00	114.70 -5.66 0.00	116.79 -4.74 0.00	118.46 -4.94 0.00	119.25 -5.36 0.00	123.92 -6.80 0.00	123.97 -8.90 0.00	123.12 -10.13 0.00	125.36 -11.35 0.00	143.10 -12.78 0.00	162.32 -14.31 0.00	151.17 -13.68 0.00	134.50 -14.12 0.00	125.77 -12.14 0.00	115.73 -10.89 0.00	115.58 -10.19 0.00	113.60 -7.12 0.00
DUNKIRK___2 23564	116.77 -5.37 0.00	110.80 -4.50 0.00	106.70 -3.87 0.00	105.32 -3.93 0.00	109.49 -5.40 0.00	107.12 -5.40 0.00	109.26 -5.87 0.00	114.35 -5.77 0.00	114.70 -5.66 0.00	116.79 -4.74 0.00	118.46 -4.94 0.00	119.25 -5.36 0.00	123.92 -6.80 0.00	123.97 -8.90 0.00	123.12 -10.13 0.00	125.36 -11.35 0.00	143.10 -12.78 0.00	162.32 -14.31 0.00	151.17 -13.68 0.00	134.50 -14.12 0.00	125.77 -12.14 0.00	115.73 -10.89 0.00	115.58 -10.19 0.00	113.60 -7.12 0.00
DUNKIRK___3 23565	116.03 -6.11 0.00	110.22 -5.07 0.00	106.04 -4.53 0.00	104.66 -4.59 0.00	108.92 -5.97 0.00	106.67 -5.85 0.00	108.80 -6.33 0.00	113.75 -6.37 0.00	113.97 -6.38 0.00	116.18 -5.35 0.00	117.85 -5.55 0.00	118.63 -5.98 0.00	123.27 -7.45 0.00	123.17 -9.70 0.00	122.45 -10.79 0.00	124.67 -12.03 0.00	142.32 -13.56 0.00	161.44 -15.19 0.00	150.18 -14.67 0.00	133.75 -14.86 0.00	125.08 -12.82 0.00	115.10 -11.52 0.00	114.95 -10.82 0.00	113.12 -7.61 0.00
DUNKIRK___4 23566	116.03 -6.11 0.00	110.22 -5.07 0.00	106.04 -4.53 0.00	104.66 -4.59 0.00	108.92 -5.97 0.00	106.67 -5.85 0.00	108.80 -6.33 0.00	113.75 -6.37 0.00	113.97 -6.38 0.00	116.18 -5.35 0.00	117.85 -5.55 0.00	118.63 -5.98 0.00	123.27 -7.45 0.00	123.17 -9.70 0.00	122.45 -10.79 0.00	124.67 -12.03 0.00	142.32 -13.56 0.00	161.44 -15.19 0.00	150.18 -14.67 0.00	133.75 -14.86 0.00	125.08 -12.82 0.00	115.10 -11.52 0.00	114.95 -10.82 0.00	113.12 -7.61 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	126.41 4.27 0.00	119.10 3.80 0.00	114.00 3.43 0.00	112.53 3.28 0.00	118.11 3.22 0.00	115.45 2.93 0.00	118.47 3.34 0.00	123.00 2.88 0.00	123.36 3.01 0.00	124.81 3.28 0.00	127.84 4.44 0.00	129.34 4.74 0.00	135.95 5.23 0.00	138.85 5.98 0.00	139.11 5.86 0.00	142.58 5.88 0.00	162.75 6.86 0.00	184.93 8.30 0.00	172.76 7.91 0.00	156.05 7.43 0.00	144.25 6.34 0.00	132.70 6.08 0.00	130.92 5.16 0.00	125.31 4.59 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	126.05 3.91 0.00	118.75 3.46 0.00	113.66 3.10 0.00	112.20 2.95 0.00	117.88 2.99 0.00	115.22 2.70 0.00	118.13 2.99 0.00	122.76 2.64 0.00	122.76 2.41 0.00	123.96 2.43 0.00	126.85 3.46 0.00	128.35 3.74 0.00	134.91 4.18 0.00	137.78 4.92 0.00	138.04 4.80 0.00	141.76 5.06 0.00	161.81 5.92 0.00	183.87 7.24 0.00	171.61 6.76 0.00	155.01 6.39 0.00	143.42 5.52 0.00	131.81 5.19 0.00	130.29 4.53 0.00	124.47 3.74 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	127.27 5.13 0.00	119.67 4.38 0.00	114.33 3.76 0.00	112.75 3.50 0.00	118.22 3.33 0.00	114.43 1.91 0.00	117.09 1.96 0.00	121.44 1.32 0.00	122.04 1.68 0.00	123.59 2.07 0.00	126.61 3.21 0.00	128.10 3.49 0.00	134.64 3.92 0.00	137.78 4.92 0.00	138.04 4.80 0.00	141.35 4.65 0.00	161.19 5.30 0.00	183.34 6.71 0.00	171.28 6.43 0.00	154.86 6.24 0.00	142.87 4.96 0.00	131.56 4.94 0.00	130.29 4.53 0.00	126.04 5.31 0.00



E179THST_13_KV_LOAD 356214	127.88 5.74 0.00	120.14 4.84 0.00	114.77 4.20 0.00	113.18 3.93 0.00	118.68 3.79 0.00	114.77 2.25 0.00	117.55 2.42 0.00	121.92 1.80 0.00	122.52 2.17 0.00	124.08 2.55 0.00	127.10 3.70 0.00	128.72 4.11 0.00	135.30 4.58 0.00	138.45 5.58 0.00	138.84 5.60 0.00	142.03 5.33 0.00	161.97 6.08 0.00	184.22 7.59 0.00	172.10 7.25 0.00	155.60 6.98 0.00	143.56 5.65 0.00	132.19 5.57 0.00	130.92 5.16 0.00	126.52 5.79 0.00
EAST HAMPTON___GT 23717	129.47 7.33 0.00	124.05 8.76 0.00	118.31 7.74 0.00	117.22 7.97 0.00	122.25 7.36 0.00	119.50 6.98 0.00	122.97 7.83 0.00	127.44 7.33 0.00	127.82 7.46 0.00	129.67 8.14 0.00	133.52 10.12 0.00	135.44 10.84 0.00	143.05 12.28 -0.04	146.72 13.82 -0.04	146.48 13.19 -0.04	215.95 13.95 -65.30	204.28 15.91 -32.48	203.86 18.54 -8.69	202.26 16.32 -21.09	201.07 14.27 -38.19	149.38 11.44 -0.04	136.91 10.25 -0.04	133.18 7.42 0.00	129.53 8.81 0.00
EAST RIVER___6 23660	126.29 4.16 0.00	118.87 3.58 0.00	113.78 3.21 0.00	112.30 3.05 0.00	117.76 2.87 0.00	114.99 2.47 0.00	118.24 3.11 0.00	122.88 2.76 0.00	123.48 3.12 0.00	125.05 3.53 0.00	127.97 4.57 0.00	129.34 4.73 0.00	136.21 5.49 0.00	139.24 6.38 0.00	139.51 6.26 0.00	142.86 6.16 0.00	162.91 7.02 0.00	185.11 8.48 0.00	172.92 8.08 0.00	156.34 7.72 0.00	144.25 6.35 0.00	132.70 6.08 0.00	130.80 5.04 0.00	125.56 4.83 0.00
EAST RIVER___7 23524	126.29 4.16 0.00	118.87 3.58 0.00	113.78 3.21 0.00	112.30 3.05 0.00	117.76 2.87 0.00	114.99 2.47 0.00	118.24 3.11 0.00	122.88 2.76 0.00	123.48 3.12 0.00	125.05 3.53 0.00	127.97 4.57 0.00	129.34 4.73 0.00	136.21 5.49 0.00	139.24 6.38 0.00	139.51 6.26 0.00	142.86 6.16 0.00	162.91 7.02 0.00	185.11 8.48 0.00	172.92 8.08 0.00	156.34 7.72 0.00	144.25 6.35 0.00	132.70 6.08 0.00	130.80 5.04 0.00	125.56 4.83 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	126.17 4.03 0.00	118.87 3.57 0.00	113.78 3.21 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.22 2.70 0.00	118.24 3.11 0.00	122.88 2.76 0.00	123.24 2.89 0.00	124.57 3.04 0.00	127.59 4.20 0.00	129.09 4.49 0.00	135.69 4.97 0.00	138.58 5.71 0.00	138.84 5.60 0.00	142.31 5.60 0.00	162.43 6.55 0.00	184.58 7.95 0.00	172.43 7.58 0.00	155.75 7.13 0.00	143.83 5.93 0.00	132.32 5.70 0.00	130.67 4.90 0.00	125.07 4.35 0.00
EAST_HAMPTON___DIESEL 23722	129.34 7.20 0.00	123.94 8.65 0.00	118.19 7.62 0.00	117.12 7.87 0.00	122.13 7.24 0.00	119.39 6.86 0.00	122.73 7.60 0.00	127.32 7.21 0.00	127.70 7.34 0.00	129.55 8.02 0.00	133.39 9.99 0.00	135.44 10.84 0.00	143.05 12.28 -0.04	146.72 13.82 -0.04	146.61 13.32 -0.04	215.95 13.95 -65.30	204.28 15.91 -32.48	203.86 18.54 -8.69	202.10 16.16 -21.09	200.77 13.97 -38.19	149.11 11.17 -0.04	136.66 10.00 -0.04	132.93 7.16 0.00	129.30 8.57 0.00
EAST_POINT___SOLAR 323840	129.34 7.20 0.00	121.86 6.57 0.00	116.65 6.08 0.00	114.82 5.57 0.00	121.32 6.43 0.00	119.04 6.52 0.00	121.35 6.21 0.00	126.72 6.60 0.00	125.41 5.05 0.00	125.42 3.89 0.00	127.23 3.83 0.00	128.47 3.87 0.00	135.56 4.84 0.00	138.58 5.71 0.00	139.51 6.26 0.00	145.18 8.48 0.00	166.96 11.07 0.00	189.51 12.89 0.00	177.05 12.20 0.00	159.61 11.00 0.00	147.96 10.06 0.00	135.10 8.48 0.00	133.44 7.67 0.00	127.48 6.76 0.00
EAST_PULASKI___ESR 323781	118.96 -3.18 0.00	112.30 -3.00 0.00	107.69 -2.88 0.00	106.52 -2.73 0.00	111.90 -2.99 0.00	109.59 -2.93 0.00	112.14 -2.99 0.00	117.59 -2.53 0.00	117.82 -2.53 0.00	119.10 -2.43 0.00	121.05 -2.35 0.00	122.37 -2.24 0.00	128.11 -2.61 0.00	130.07 -2.80 0.00	129.92 -3.33 0.00	133.56 -3.14 0.00	152.31 -3.58 0.00	172.57 -4.06 0.00	161.06 -3.78 0.00	144.61 -4.01 0.00	134.32 -3.59 0.00	122.94 -3.68 0.00	122.74 -3.02 0.00	117.83 -2.90 0.00
EAST_RIVER___1 323558	126.41 4.27 0.00	118.98 3.69 0.00	113.88 3.31 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.22 2.70 0.00	118.35 3.22 0.00	122.99 2.88 0.00	123.48 3.12 0.00	125.05 3.53 0.00	127.97 4.57 0.00	129.34 4.73 0.00	136.08 5.36 0.00	139.11 6.25 0.00	139.38 6.13 0.00	142.71 6.01 0.00	162.74 6.85 0.00	185.11 8.48 0.00	172.92 8.08 0.00	156.19 7.58 0.00	144.25 6.35 0.00	132.70 6.08 0.00	130.92 5.16 0.00	125.56 4.83 0.00
EAST_RIVER___2 323559	126.29 4.16 0.00	118.87 3.58 0.00	113.78 3.21 0.00	112.30 3.05 0.00	117.76 2.87 0.00	114.99 2.47 0.00	118.24 3.11 0.00	122.88 2.76 0.00	123.48 3.12 0.00	125.05 3.53 0.00	127.97 4.57 0.00	129.34 4.73 0.00	136.21 5.49 0.00	139.24 6.38 0.00	139.51 6.26 0.00	142.86 6.16 0.00	162.91 7.02 0.00	185.11 8.48 0.00	172.92 8.08 0.00	156.34 7.72 0.00	144.25 6.35 0.00	132.70 6.08 0.00	130.80 5.04 0.00	125.56 4.83 0.00
EAST___DELAWARE_HYD 23607	126.66 4.52 0.00	119.33 4.03 0.00	114.11 3.54 0.00	112.64 3.39 0.00	118.33 3.44 0.00	115.67 3.15 0.00	118.71 3.57 0.00	123.48 3.36 0.00	123.12 2.77 0.00	124.20 2.67 0.00	126.85 3.45 0.00	128.09 3.48 0.00	134.78 4.06 0.00	137.64 4.78 0.00	138.18 4.93 0.00	141.90 5.19 0.00	162.58 6.70 0.00	184.58 7.96 0.00	172.27 7.42 0.00	155.46 6.84 0.00	143.96 6.06 0.00	132.06 5.44 0.00	130.66 4.90 0.00	124.83 4.11 0.00
EIGHT_POINT___WT_PWR 323820	119.45 -2.69 0.00	113.44 -1.85 0.00	109.25 -1.32 0.00	107.94 -1.31 0.00	113.05 -1.84 0.00	110.61 -1.91 0.00	112.94 -2.19 0.00	118.80 -1.32 0.00	118.67 -1.69 0.00	120.08 -1.45 0.00	120.68 -2.72 0.00	121.37 -3.24 0.00	126.02 -4.70 0.00	126.36 -6.51 0.00	125.65 -7.59 0.00	128.64 -8.07 0.00	147.62 -8.27 0.00	166.91 -9.71 0.00	155.28 -9.57 0.00	138.36 -10.25 0.00	128.80 -9.11 0.00	118.01 -8.61 0.00	117.59 -8.17 0.00	114.57 -6.15 0.00
ELBRIDGE_115KV_TB2 80188	119.33 -2.81 0.00	112.64 -2.65 0.00	108.03 -2.54 0.00	106.74 -2.51 0.00	112.02 -2.87 0.00	109.71 -2.81 0.00	112.25 -2.88 0.00	117.47 -2.64 0.00	117.83 -2.53 0.00	119.10 -2.43 0.00	121.05 -2.34 0.00	122.36 -2.24 0.00	127.98 -2.75 0.00	129.81 -3.06 0.00	129.91 -3.33 0.00	133.15 -3.55 0.00	151.99 -3.90 0.00	172.21 -4.42 0.00	160.73 -4.12 0.00	144.60 -4.01 0.00	134.32 -3.59 0.00	123.33 -3.29 0.00	122.49 -3.27 0.00	117.71 -3.02 0.00
ELEC_TRO_TEK 24086	126.66 4.52 0.00	120.60 5.30 0.00	115.32 4.75 0.00	114.06 4.81 0.00	119.37 4.48 0.00	116.57 4.05 0.00	119.51 4.38 0.00	123.60 3.48 0.00	123.96 3.61 0.00	125.05 3.52 0.00	128.46 5.06 0.00	130.21 5.61 0.00	136.61 5.88 0.00	139.91 7.04 0.00	139.91 6.66 0.00	143.67 6.97 0.00	164.15 8.26 0.00	187.23 10.60 0.00	175.07 10.22 0.00	157.98 9.36 0.00	145.76 7.86 0.00	134.34 7.72 0.00	131.30 5.53 0.00	126.16 5.43 0.00
ELLENBURG_WT_PWR 323604	122.02 -0.12 0.00	115.52 0.23 0.00	111.01 0.44 0.00	110.02 0.77 0.00	116.16 1.27 0.00	113.88 1.36 0.00	116.74 1.61 0.00	121.32 1.20 0.00	121.08 0.73 0.00	122.14 0.61 0.00	123.40 0.00 0.00	124.36 -0.25 0.00	130.72 0.00 0.00	132.73 -0.13 0.00	133.38 0.13 0.00	136.84 0.14 0.00	156.20 0.31 0.00	176.80 0.18 0.00	164.85 0.00 0.00	148.62 0.00 0.00	138.04 0.14 0.00	126.49 -0.13 0.00	125.76 0.00 0.00	120.48 -0.24 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	114.57 -7.57 0.00	108.72 -6.57 0.00	104.71 -5.86 0.00	103.35 -5.90 0.00	107.54 -7.35 0.00	105.32 -7.20 0.00	107.42 -7.71 0.00	112.19 -7.93 0.00	112.53 -7.82 0.00	114.72 -6.81 0.00	116.36 -7.03 0.00	117.13 -7.48 0.00	121.70 -9.02 0.00	121.44 -11.43 0.00	120.59 -12.66 0.00	122.62 -14.08 0.00	139.83 -16.06 0.00	158.44 -18.19 0.00	147.54 -17.31 0.00	131.38 -17.24 0.00	123.01 -14.89 0.00	113.32 -13.30 0.00	113.31 -12.45 0.00	111.91 -8.81 0.00
EMPIRE_CC_1 323656	127.15 5.01 0.00	119.91 4.62 0.00	115.00 4.43 0.00	113.51 4.26 0.00	119.25 4.36 0.00	116.80 4.27 0.00	119.39 4.26 0.00	124.43 4.32 0.00	124.56 4.21 0.00	125.90 4.37 0.00	128.21 4.81 0.00	129.46 4.85 0.00	136.08 5.36 0.00	138.58 5.71 0.00	138.58 5.34 0.00	142.31 5.61 0.00	162.28 6.39 0.00	183.87 7.24 0.00	171.93 7.08 0.00	155.31 6.69 0.00	143.83 5.93 0.00	132.18 5.56 0.00	131.17 5.40 0.00	125.79 5.07 0.00
EMPIRE_CC_2 323658	127.15 5.01 0.00	119.91 4.62 0.00	115.00 4.43 0.00	113.51 4.26 0.00	119.25 4.36 0.00	116.80 4.27 0.00	119.39 4.26 0.00	124.43 4.32 0.00	124.56 4.21 0.00	125.90 4.37 0.00	128.21 4.81 0.00	129.46 4.85 0.00	136.08 5.36 0.00	138.58 5.71 0.00	138.58 5.34 0.00	142.31 5.61 0.00	162.28 6.39 0.00	183.87 7.24 0.00	171.93 7.08 0.00	155.31 6.69 0.00	143.83 5.93 0.00	132.18 5.56 0.00	131.17 5.40 0.00	125.79 5.07 0.00
ENORWICH_115KV_TB1 80156	129.71 7.57 0.00	122.44 7.15 0.00	117.64 7.08 0.00	116.57 7.32 0.00	122.13 7.24 0.00	119.83 7.31 0.00	123.08 7.94 0.00	129.85 9.73 0.00	129.98 9.63 0.00	131.13 9.60 0.00	132.78 9.38 0.00	134.08 9.47 0.00	140.40 9.67 0.00	142.04 9.17 0.00	141.77 8.53 0.00	146.13 9.43 0.00	167.42 11.54 0.00	189.70 13.07 0.00	176.88 12.03 0.00	158.42 9.81 0.00	147.00 9.10 0.00	133.20 6.58 0.00	132.93 7.17 0.00	126.88 6.16 0.00
ERIE_ST__34_KV_TB1-2 80199	116.40 -5.74 0.00	110.57 -4.73 0.00	106.15 -4.42 0.00	104.99 -4.26 0.00	109.15 -5.74 0.00	107.01 -5.51 0.00	109.15 -5.99 0.00	113.87 -6.25 0.00	114.22 -6.14 0.00	116.42 -5.10 0.00	118.09 -5.31 0.00	119.00 -5.61 0.00	123.66 -7.06 0.00	123.57 -9.30 0.00	122.72 -10.53 0.00	124.95 -11.76 0.00	142.64 -13.25 0.00	161.79 -14.84 0.00	150.67 -14.18 0.00	134.20 -14.42 0.00	125.49 -12.41 0.00	115.48 -11.14 0.00	115.45 -10.31 0.00	113.72 -7.00 0.00
ERIE_WT_PWR 323693	115.42 -6.72 0.00	109.65 -5.65 0.00	105.71 -4.86 0.00	104.23 -5.02 0.00	108.68 -6.21 0.00	106.22 -6.30 0.00	108.34 -6.79 0.00	113.39 -6.72 0.00	113.50 -6.86 0.00	115.70 -5.83 0.00	117.23 -6.17 0.00	118.12 -6.48 0.00	122.49 -8.23 0.00	122.50 -10.36 0.00	121.52 -11.73 0.00	123.71 -12.99 0.00	141.07 -14.81 0.00	159.84 -16.78 0.00	148.86 -15.99 0.00	132.56 -16.05 0.00	124.11 -13.79 0.00	115.22 -11.40 0.00	114.82 -10.94 0.00	112.88 -7.85 0.00
ESPRGFLD_115KV_TB1 80157	124.34 2.20 0.00	117.25 1.96 0.00	112.34 1.77 0.00	110.89 1.64 0.00	116.73 1.84 0.00	114.43 1.91 0.00	116.97 1.84 0.00	122.40 2.28 0.00	122.04 1.68 0.00	122.74 1.22 0.00	124.76 1.36 0.00	126.10 1.50 0.00	132.55 1.83 0.00	134.99 2.13 0.00	135.51 2.27 0.00	139.98 3.28 0.00	160.56 4.68 0.00	182.10 5.48 0.00	170.12 5.28 0.00	153.22 4.61 0.00	141.90 4.00 0.00	129.66 3.04 0.00	128.40 2.64 0.00	122.78 2.05 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	122.87 0.73 0.00	115.99 0.69 0.00	111.34 0.77 0.00	110.01 0.76 0.00	115.35 0.46 0.00	112.97 0.45 0.00	115.59 0.46 0.00	121.32 1.20 0.00	121.68 1.32 0.00	122.74 1.22 0.00	124.51 1.11 0.00	125.85 1.25 0.00	131.64 0.92 0.00	133.53 0.66 0.00	133.38 0.13 0.00	136.98 0.27 0.00	156.82 0.94 0.00	177.69 1.06 0.00	165.84 0.99 0.00	148.91 0.30 0.00	138.45 0.55 0.00	126.75 0.13 0.00	125.89 0.13 0.00	120.97 0.24 0.00
ETNA____115KV_TB2 80207	122.87 0.73 0.00	115.99 0.69 0.00	111.34 0.77 0.00	110.01 0.76 0.00	115.35 0.46 0.00	112.97 0.45 0.00	115.59 0.46 0.00	121.32 1.20 0.00	121.68 1.32 0.00	122.74 1.22 0.00	124.51 1.11 0.00	125.85 1.25 0.00	131.64 0.92 0.00	133.53 0.66 0.00	133.38 0.13 0.00	136.98 0.27 0.00	156.82 0.94 0.00	177.69 1.06 0.00	165.84 0.99 0.00	148.91 0.30 0.00	138.45 0.55 0.00	126.75 0.13 0.00	125.89 0.13 0.00	120.97 0.24 0.00
EUCLID__115KV_TB2 356179	118.84 -3.30 0.00	112.18 -3.11 0.00	107.58 -2.99 0.00	106.30 -2.95 0.00	111.56 -3.33 0.00	109.26 -3.26 0.00	111.68 -3.45 0.00	116.87 -3.24 0.00	117.22 -3.13 0.00	118.49 -3.04 0.00	120.44 -2.96 0.00	121.62 -2.99 0.00	127.45 -3.27 0.00	129.28 -3.59 0.00	129.25 -4.00 0.00	132.60 -4.10 0.00	151.21 -4.68 0.00	171.33 -5.30 0.00	159.90 -4.95 0.00	143.86 -4.76 0.00	133.77 -4.14 0.00	122.69 -3.93 0.00	121.99 -3.77 0.00	117.22 -3.50 0.00
E_CANADA_CAP_HY 24051	125.93 3.79 0.00	118.64 3.35 0.00	113.66 3.09 0.00	111.98 2.73 0.00	118.10 3.21 0.00	115.89 3.37 0.00	118.24 3.11 0.00	123.48 3.36 0.00	122.63 2.28 0.00	122.87 1.34 0.00	124.76 1.36 0.00	125.98 1.37 0.00	132.81 2.09 0.00	135.52 2.66 0.00	136.31 3.07 0.00	141.62 4.91 0.00	162.58 6.70 0.00	184.58 7.96 0.00	172.27 7.42 0.00	155.46 6.84 0.00	143.96 6.06 0.00	131.55 4.93 0.00	130.04 4.28 0.00	124.34 3.62 0.00
E_CANADA_MHWK_HY 24050	128.73 6.59 0.00	121.63 6.34 0.00	116.87 6.30 0.00	115.69 6.44 0.00	121.78 6.89 0.00	119.39 6.86 0.00	122.27 7.14 0.00	127.81 7.69 0.00	128.17 7.82 0.00	129.55 8.02 0.00	131.79 8.40 0.00	133.08 8.48 0.00	139.62 8.89 0.00	141.77 8.90 0.00	141.90 8.66 0.00	145.58 8.88 0.00	165.87 9.99 0.00	187.94 11.31 0.00	175.24 10.39 0.00	157.68 9.07 0.00	146.18 8.27 0.00	133.96 7.34 0.00	133.06 7.29 0.00	127.60 6.88 0.00
E_FISHKILL__LBMP 23776	125.93 3.79 0.00	118.75 3.46 0.00	113.66 3.10 0.00	112.31 3.06 0.00	117.88 2.99 0.00	115.22 2.70 0.00	118.13 2.99 0.00	122.76 2.64 0.00	123.00 2.65 0.00	124.32 2.80 0.00	127.22 3.83 0.00	128.72 4.11 0.00	135.17 4.44 0.00	138.05 5.18 0.00	138.31 5.06 0.00	141.76 5.06 0.00	161.81 5.92 0.00	183.69 7.07 0.00	171.61 6.76 0.00	155.01 6.39 0.00	143.42 5.52 0.00	131.81 5.19 0.00	130.29 4.53 0.00	124.71 3.98 0.00
FALCON__SEABRD_CC1 323796	122.63 0.49 0.00	115.52 0.23 0.00	111.12 0.56 0.00	110.12 0.87 0.00	116.27 1.38 0.00	113.98 1.46 0.00	117.09 1.96 0.00	120.84 0.73 0.00	119.99 -0.36 0.00	121.53 0.00 0.00	122.04 -1.35 0.00	123.12 -1.49 0.00	129.54 -1.18 0.00	131.54 -1.33 0.00	132.17 -1.07 0.00	135.60 -1.10 0.00	154.96 -0.93 0.00	175.40 -1.23 0.00	163.36 -1.49 0.00	147.42 -1.19 0.00	136.94 -0.96 0.00	125.35 -1.27 0.00	124.63 -1.13 0.00	119.28 -1.44 0.00
FALCON__SEABRD_CC2 323797	122.63 0.49 0.00	115.52 0.23 0.00	111.12 0.56 0.00	110.12 0.87 0.00	116.27 1.38 0.00	113.98 1.46 0.00	117.09 1.96 0.00	120.84 0.73 0.00	119.99 -0.36 0.00	121.53 0.00 0.00	122.04 -1.35 0.00	123.12 -1.49 0.00	129.54 -1.18 0.00	131.54 -1.33 0.00	132.17 -1.07 0.00	135.60 -1.10 0.00	154.96 -0.93 0.00	175.40 -1.23 0.00	163.36 -1.49 0.00	147.42 -1.19 0.00	136.94 -0.96 0.00	125.35 -1.27 0.00	124.63 -1.13 0.00	119.28 -1.44 0.00



FAR ROCKAWAY___4 23548	129.47 7.33 0.00	123.25 7.96 0.00	117.76 7.19 0.00	116.46 7.21 0.00	121.78 6.89 0.00	118.93 6.41 0.00	121.93 6.79 0.00	126.12 6.01 0.00	126.49 6.14 0.00	127.73 6.20 0.00	131.42 8.02 0.00	133.33 8.72 0.00	139.87 9.15 0.00	143.23 10.36 0.00	143.10 9.86 0.00	146.95 10.25 0.00	168.20 12.32 0.00	192.17 15.54 0.00	179.68 14.84 0.00	162.14 13.52 0.00	149.49 11.58 0.00	137.51 10.89 0.00	134.19 8.43 0.00	128.93 8.21 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	126.41 4.27 0.00	119.10 3.80 0.00	114.00 3.43 0.00	112.53 3.28 0.00	117.99 3.10 0.00	115.22 2.70 0.00	118.36 3.22 0.00	122.88 2.76 0.00	123.36 3.01 0.00	124.93 3.40 0.00	127.96 4.57 0.00	129.47 4.86 0.00	136.08 5.36 0.00	139.11 6.24 0.00	139.51 6.26 0.00	142.72 6.01 0.00	162.90 7.01 0.00	185.11 8.48 0.00	172.93 8.08 0.00	156.20 7.58 0.00	144.25 6.34 0.00	132.82 6.20 0.00	131.05 5.28 0.00	125.55 4.83 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	126.54 4.40 0.00	119.10 3.80 0.00	114.00 3.43 0.00	112.53 3.28 0.00	118.11 3.22 0.00	115.33 2.81 0.00	118.47 3.34 0.00	122.88 2.76 0.00	123.36 3.01 0.00	124.93 3.40 0.00	127.96 4.57 0.00	129.47 4.86 0.00	136.21 5.49 0.00	139.25 6.38 0.00	139.51 6.26 0.00	142.85 6.15 0.00	162.90 7.01 0.00	185.11 8.48 0.00	172.93 8.08 0.00	156.34 7.73 0.00	144.38 6.48 0.00	132.95 6.33 0.00	131.05 5.28 0.00	125.55 4.83 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	126.41 4.27 0.00	118.98 3.69 0.00	113.89 3.32 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.22 2.70 0.00	118.36 3.22 0.00	122.88 2.76 0.00	123.36 3.01 0.00	124.81 3.28 0.00	127.84 4.44 0.00	129.47 4.86 0.00	136.08 5.36 0.00	139.11 6.24 0.00	139.37 6.13 0.00	142.72 6.01 0.00	162.75 6.86 0.00	185.11 8.48 0.00	172.93 8.08 0.00	156.20 7.58 0.00	144.25 6.34 0.00	132.82 6.20 0.00	131.05 5.28 0.00	125.55 4.83 0.00
FARRAGUT___LBMP 323566	126.29 4.15 0.00	118.98 3.69 0.00	113.89 3.32 0.00	112.42 3.17 0.00	117.88 2.99 0.00	115.11 2.59 0.00	118.24 3.11 0.00	122.76 2.64 0.00	123.24 2.89 0.00	124.69 3.16 0.00	127.72 4.32 0.00	129.34 4.74 0.00	135.95 5.23 0.00	138.98 6.11 0.00	139.24 6.00 0.00	142.58 5.88 0.00	162.75 6.86 0.00	184.93 8.30 0.00	172.76 7.91 0.00	156.05 7.43 0.00	144.11 6.21 0.00	132.70 6.08 0.00	130.92 5.16 0.00	125.43 4.71 0.00
FENNER___WINDPWR 24204	123.11 0.97 0.00	116.21 0.92 0.00	111.45 0.88 0.00	110.23 0.98 0.00	115.80 0.91 0.00	113.42 0.90 0.00	116.05 0.92 0.00	121.67 1.56 0.00	121.91 1.56 0.00	123.10 1.58 0.00	125.00 1.60 0.00	126.35 1.74 0.00	131.25 0.52 0.00	133.27 0.40 0.00	133.38 0.13 0.00	136.84 0.14 0.00	156.20 0.31 0.00	176.80 0.18 0.00	164.85 0.00 0.00	148.32 -0.30 0.00	137.76 -0.14 0.00	126.24 -0.38 0.00	126.52 0.76 0.00	121.45 0.73 0.00
FIBERTEK___ENERGY 23856	119.94 -2.20 0.00	113.22 -2.08 0.00	108.69 -1.88 0.00	107.28 -1.97 0.00	112.71 -2.18 0.00	110.27 -2.25 0.00	112.83 -2.30 0.00	118.19 -1.92 0.00	118.55 -1.81 0.00	119.83 -1.70 0.00	121.67 -1.73 0.00	122.99 -1.62 0.00	128.76 -1.96 0.00	130.61 -2.26 0.00	130.71 -2.53 0.00	133.97 -2.73 0.00	153.08 -2.81 0.00	173.27 -3.36 0.00	161.72 -3.13 0.00	145.49 -3.12 0.00	135.28 -2.62 0.00	124.09 -2.53 0.00	123.25 -2.52 0.00	118.31 -2.41 0.00
FITZPATRICK___ 23598	117.13 -5.01 0.00	110.56 -4.73 0.00	106.03 -4.54 0.00	104.77 -4.48 0.00	110.07 -4.82 0.00	107.80 -4.72 0.00	110.30 -4.83 0.00	115.31 -4.81 0.00	115.54 -4.82 0.00	116.79 -4.74 0.00	118.58 -4.81 0.00	119.87 -4.73 0.00	125.49 -5.23 0.00	127.41 -5.45 0.00	127.52 -5.73 0.00	130.83 -5.87 0.00	149.19 -6.70 0.00	169.04 -7.59 0.00	157.60 -7.25 0.00	141.93 -6.68 0.00	131.84 -6.06 0.00	121.18 -5.44 0.00	120.36 -5.40 0.00	115.66 -5.07 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	127.51 5.37 0.00	120.14 4.84 0.00	114.99 4.42 0.00	113.51 4.26 0.00	119.14 4.25 0.00	116.46 3.94 0.00	119.39 4.26 0.00	124.08 3.96 0.00	123.96 3.61 0.00	125.17 3.65 0.00	128.09 4.69 0.00	129.59 4.98 0.00	136.34 5.62 0.00	139.38 6.51 0.00	139.64 6.40 0.00	143.26 6.56 0.00	163.84 7.95 0.00	185.99 9.36 0.00	173.58 8.74 0.00	156.79 8.17 0.00	145.07 7.17 0.00	133.33 6.71 0.00	131.80 6.04 0.00	125.80 5.07 0.00
FORT ORANGE___ 23900	126.41 4.27 0.00	119.22 3.92 0.00	114.21 3.64 0.00	112.75 3.50 0.00	118.57 3.68 0.00	116.12 3.60 0.00	118.58 3.45 0.00	123.48 3.36 0.00	123.48 3.12 0.00	124.68 3.15 0.00	126.98 3.58 0.00	128.22 3.62 0.00	134.78 4.06 0.00	137.25 4.38 0.00	136.84 3.60 0.00	140.80 4.10 0.00	160.41 4.52 0.00	181.75 5.13 0.00	169.79 4.94 0.00	153.51 4.90 0.00	142.31 4.41 0.00	130.79 4.17 0.00	130.16 4.40 0.00	124.83 4.11 0.00
FORT_DRUM_COGEN 23780	122.63 0.49 0.00	115.52 0.23 0.00	110.79 0.22 0.00	110.01 0.76 0.00	115.92 1.03 0.00	113.87 1.35 0.00	116.74 1.61 0.00	122.76 2.64 0.00	123.00 2.65 0.00	124.20 2.67 0.00	126.36 2.96 0.00	127.35 2.74 0.00	133.60 2.88 0.00	135.52 2.66 0.00	135.38 2.13 0.00	139.57 2.87 0.00	159.78 3.90 0.00	180.87 4.24 0.00	168.80 3.96 0.00	150.70 2.08 0.00	139.69 1.79 0.00	127.13 0.51 0.00	128.53 2.77 0.00	122.66 1.93 0.00
FOX_HILLS___ESR 323835	126.54 4.40 0.00	118.87 3.57 0.00	113.66 3.10 0.00	112.09 2.84 0.00	117.65 2.76 0.00	113.98 1.46 0.00	116.74 1.61 0.00	120.84 0.72 0.00	121.32 0.96 0.00	122.99 1.46 0.00	125.99 2.59 0.00	127.60 2.99 0.00	134.12 3.40 0.00	137.38 4.52 0.00	137.64 4.40 0.00	140.94 4.24 0.00	160.72 4.83 0.00	182.81 6.18 0.00	170.95 6.10 0.00	154.41 5.80 0.00	142.45 4.55 0.00	131.43 4.81 0.00	130.04 4.28 0.00	125.31 4.59 0.00
FPL_FAR_ROCK_GT1 24212	129.47 7.33 0.00	123.24 7.95 0.00	117.75 7.18 0.00	116.46 7.21 0.00	121.67 6.78 0.00	118.93 6.41 0.00	121.81 6.68 0.00	126.60 6.48 0.00	126.73 6.37 0.00	128.21 6.68 0.00	131.54 8.14 0.00	133.08 8.48 0.00	140.00 9.28 0.00	143.24 10.37 0.00	143.10 9.86 0.00	146.96 10.26 0.00	168.20 12.31 0.00	192.17 15.55 0.00	179.69 14.84 0.00	162.14 13.52 0.00	149.49 11.59 0.00	137.26 10.64 0.00	134.06 8.30 0.00	129.30 8.57 0.00
FPL_FAR_ROCK_GT2 23815	129.47 7.33 0.00	123.24 7.95 0.00	117.75 7.18 0.00	116.46 7.21 0.00	121.67 6.78 0.00	118.93 6.41 0.00	121.81 6.68 0.00	126.60 6.48 0.00	126.73 6.37 0.00	128.21 6.68 0.00	131.54 8.14 0.00	133.08 8.48 0.00	140.00 9.28 0.00	143.24 10.37 0.00	143.10 9.86 0.00	146.96 10.26 0.00	168.20 12.31 0.00	192.17 15.55 0.00	179.69 14.84 0.00	162.14 13.52 0.00	149.49 11.59 0.00	137.26 10.64 0.00	134.06 8.30 0.00	129.30 8.57 0.00
FRANKLIN_FALL_HYD 24054	123.97 1.83 0.00	117.37 2.08 0.00	112.89 2.32 0.00	111.87 2.62 0.00	118.22 3.33 0.00	115.90 3.38 0.00	119.05 3.91 0.00	124.20 4.08 0.00	124.45 4.09 0.00	124.69 3.16 0.00	126.11 2.71 0.00	126.97 2.37 0.00	133.47 2.75 0.00	135.39 2.52 0.00	135.78 2.53 0.00	139.44 2.73 0.00	159.32 3.43 0.00	180.51 3.89 0.00	167.98 3.13 0.00	151.44 2.82 0.00	140.80 2.90 0.00	128.65 2.03 0.00	128.15 2.39 0.00	123.14 2.41 0.00



FREEPORT_EQUS_GT1 23764	127.27 5.13 0.00	121.28 5.99 0.00	115.99 5.42 0.00	114.71 5.46 0.00	119.94 5.05 0.00	117.14 4.62 0.00	120.08 4.95 0.00	124.56 4.45 0.00	124.81 4.46 0.00	126.15 4.62 0.00	128.70 5.30 0.00	130.08 5.48 0.00	136.74 6.02 0.00	140.04 7.17 0.00	140.17 6.92 0.00	143.94 7.24 0.00	164.61 8.72 0.00	188.10 11.47 0.00	175.89 11.05 0.00	158.73 10.11 0.00	146.18 8.27 0.00	134.85 8.23 0.00	131.80 6.04 0.00	127.24 6.51 0.00
FREEPORT___CT2 23818	127.27 5.13 0.00	121.28 5.99 0.00	115.99 5.42 0.00	114.71 5.46 0.00	119.94 5.05 0.00	117.14 4.62 0.00	120.08 4.95 0.00	124.56 4.45 0.00	124.81 4.46 0.00	126.15 4.62 0.00	128.70 5.30 0.00	130.08 5.48 0.00	136.74 6.02 0.00	140.04 7.17 0.00	140.17 6.92 0.00	143.94 7.24 0.00	164.61 8.72 0.00	188.10 11.47 0.00	175.89 11.05 0.00	158.73 10.11 0.00	146.18 8.27 0.00	134.85 8.23 0.00	131.80 6.04 0.00	127.24 6.51 0.00
FRESHKLS_33_KV_LOAD 356253	126.66 4.52 0.00	118.87 3.57 0.00	113.66 3.10 0.00	112.09 2.84 0.00	117.65 2.76 0.00	113.98 1.46 0.00	116.63 1.50 0.00	120.60 0.48 0.00	121.08 0.72 0.00	122.74 1.22 0.00	125.74 2.34 0.00	127.35 2.74 0.00	133.86 3.14 0.00	137.12 4.25 0.00	137.51 4.26 0.00	140.67 3.96 0.00	160.56 4.68 0.00	182.63 6.01 0.00	170.62 5.77 0.00	154.26 5.65 0.00	142.32 4.41 0.00	131.30 4.68 0.00	129.91 4.15 0.00	125.43 4.71 0.00
FULTON COGEN____ 23766	118.35 -3.79 0.00	111.72 -3.57 0.00	107.14 -3.43 0.00	105.86 -3.39 0.00	111.10 -3.79 0.00	108.81 -3.71 0.00	111.33 -3.80 0.00	116.51 -3.60 0.00	116.86 -3.49 0.00	118.13 -3.40 0.00	120.07 -3.33 0.00	121.37 -3.24 0.00	127.06 -3.66 0.00	128.88 -3.99 0.00	128.98 -4.26 0.00	132.19 -4.51 0.00	150.90 -4.99 0.00	170.98 -5.65 0.00	159.57 -5.28 0.00	143.56 -5.05 0.00	133.49 -4.41 0.00	122.44 -4.18 0.00	121.61 -4.15 0.00	116.86 -3.86 0.00
FULTON___LFGE 323630	128.73 6.59 0.00	121.28 5.99 0.00	116.09 5.53 0.00	114.39 5.14 0.00	120.63 5.74 0.00	118.48 5.96 0.00	120.66 5.53 0.00	126.00 5.88 0.00	125.04 4.69 0.00	125.30 3.77 0.00	126.98 3.58 0.00	128.22 3.62 0.00	135.30 4.57 0.00	138.04 5.18 0.00	138.97 5.73 0.00	144.49 7.79 0.00	165.71 9.83 0.00	188.10 11.47 0.00	175.72 10.88 0.00	158.42 9.81 0.00	146.86 8.96 0.00	134.22 7.60 0.00	132.80 7.04 0.00	127.00 6.27 0.00
G.F.CEMENT___DRP 24184	131.79 9.65 0.00	124.29 8.99 0.00	118.97 8.40 0.00	117.23 7.98 0.00	123.62 8.73 0.00	121.30 8.78 0.00	123.65 8.52 0.00	128.89 8.77 0.00	128.90 8.55 0.00	130.28 8.75 0.00	132.53 9.13 0.00	133.83 9.22 0.00	140.92 10.20 0.00	142.97 10.10 0.00	143.10 9.86 0.00	147.64 10.94 0.00	168.51 12.63 0.00	191.11 14.48 0.00	178.37 13.52 0.00	160.95 12.34 0.00	149.62 11.72 0.00	137.00 10.38 0.00	135.82 10.06 0.00	130.02 9.30 0.00
GARDENVILLE___LBMP 24039	115.06 -7.08 0.00	109.18 -6.11 0.00	105.04 -5.53 0.00	103.79 -5.46 0.00	107.88 -7.01 0.00	105.77 -6.75 0.00	107.88 -7.25 0.00	112.55 -7.57 0.00	112.89 -7.46 0.00	115.09 -6.44 0.00	116.73 -6.66 0.00	117.50 -7.10 0.00	122.09 -8.63 0.00	121.84 -11.03 0.00	120.99 -12.26 0.00	123.17 -13.53 0.00	140.45 -15.43 0.00	159.14 -17.49 0.00	148.20 -16.65 0.00	131.97 -16.64 0.00	123.56 -14.34 0.00	113.83 -12.79 0.00	113.82 -11.95 0.00	112.27 -8.45 0.00
GARDNVLA_35_KV_LD 355827	115.79 -6.35 0.00	109.87 -5.42 0.00	105.70 -4.87 0.00	104.44 -4.81 0.00	108.57 -6.32 0.00	106.44 -6.08 0.00	108.57 -6.56 0.00	113.39 -6.73 0.00	113.73 -6.62 0.00	116.06 -5.47 0.00	117.72 -5.68 0.00	118.50 -6.11 0.00	123.14 -7.58 0.00	122.90 -9.97 0.00	121.92 -11.33 0.00	124.13 -12.58 0.00	141.54 -14.34 0.00	160.55 -16.07 0.00	149.52 -15.33 0.00	133.16 -15.46 0.00	124.53 -13.38 0.00	114.72 -11.90 0.00	114.70 -11.07 0.00	113.12 -7.61 0.00
GELCKHM___115KV_LOAD 80723	119.21 -2.93 0.00	112.53 -2.77 0.00	108.03 -2.54 0.00	106.63 -2.62 0.00	112.02 -2.87 0.00	109.71 -2.81 0.00	112.14 -2.99 0.00	117.35 -2.76 0.00	117.71 -2.65 0.00	118.98 -2.55 0.00	120.93 -2.47 0.00	122.24 -2.37 0.00	127.98 -2.75 0.00	129.81 -3.06 0.00	129.91 -3.33 0.00	133.15 -3.55 0.00	151.99 -3.90 0.00	172.21 -4.42 0.00	160.56 -4.29 0.00	144.60 -4.01 0.00	134.32 -3.59 0.00	123.20 -3.42 0.00	122.49 -3.27 0.00	117.71 -3.02 0.00
GENERAL___MILLS 23808	115.42 -6.72 0.00	109.64 -5.65 0.00	105.37 -5.20 0.00	104.12 -5.13 0.00	108.34 -6.55 0.00	106.11 -6.41 0.00	108.22 -6.91 0.00	113.03 -7.09 0.00	113.37 -6.98 0.00	115.57 -5.95 0.00	117.23 -6.17 0.00	118.00 -6.60 0.00	122.62 -8.10 0.00	122.37 -10.50 0.00	121.52 -11.73 0.00	123.58 -13.12 0.00	140.92 -14.97 0.00	159.85 -16.78 0.00	148.86 -15.99 0.00	132.57 -16.05 0.00	124.11 -13.79 0.00	114.34 -12.28 0.00	114.32 -11.44 0.00	112.76 -7.97 0.00
GE_PLASTICS___DRP 24183	125.80 3.66 0.00	118.64 3.34 0.00	113.78 3.21 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.56 3.04 0.00	118.13 2.99 0.00	122.88 2.76 0.00	123.12 2.77 0.00	124.32 2.80 0.00	126.73 3.33 0.00	128.10 3.49 0.00	134.38 3.66 0.00	136.85 3.99 0.00	136.71 3.46 0.00	140.39 3.69 0.00	159.94 4.05 0.00	181.22 4.59 0.00	169.30 4.45 0.00	152.93 4.31 0.00	141.76 3.86 0.00	130.42 3.80 0.00	129.66 3.90 0.00	124.23 3.50 0.00
GILBOA___1 23756	124.71 2.57 0.00	117.60 2.30 0.00	113.11 2.55 0.00	111.76 2.51 0.00	117.41 2.52 0.00	114.89 2.37 0.00	117.09 1.96 0.00	122.16 2.04 0.00	122.27 1.92 0.00	123.59 2.06 0.00	125.87 2.47 0.00	127.23 2.62 0.00	133.59 2.87 0.00	136.05 3.18 0.00	136.17 2.93 0.00	139.71 3.00 0.00	159.17 3.28 0.00	179.98 3.35 0.00	168.47 3.62 0.00	152.33 3.72 0.00	141.21 3.30 0.00	129.65 3.03 0.00	128.53 2.76 0.00	123.26 2.54 0.00
GILBOA___2 23757	124.71 2.57 0.00	117.60 2.30 0.00	113.11 2.55 0.00	111.76 2.51 0.00	117.41 2.52 0.00	114.89 2.37 0.00	117.09 1.96 0.00	122.16 2.04 0.00	122.27 1.92 0.00	123.59 2.06 0.00	125.87 2.47 0.00	127.23 2.62 0.00	133.59 2.87 0.00	136.05 3.18 0.00	136.17 2.93 0.00	139.71 3.00 0.00	159.17 3.28 0.00	179.98 3.35 0.00	168.47 3.62 0.00	152.33 3.72 0.00	141.21 3.30 0.00	129.65 3.03 0.00	128.53 2.76 0.00	123.26 2.54 0.00
GILBOA___3 23758	124.71 2.57 0.00	117.60 2.30 0.00	113.11 2.55 0.00	111.76 2.51 0.00	117.41 2.52 0.00	114.89 2.37 0.00	117.09 1.96 0.00	122.16 2.04 0.00	122.27 1.92 0.00	123.59 2.06 0.00	125.87 2.47 0.00	127.23 2.62 0.00	133.59 2.87 0.00	136.05 3.18 0.00	136.17 2.93 0.00	139.71 3.00 0.00	159.17 3.28 0.00	179.98 3.35 0.00	168.47 3.62 0.00	152.33 3.72 0.00	141.21 3.30 0.00	129.65 3.03 0.00	128.53 2.76 0.00	123.26 2.54 0.00
GILBOA___4 23759	124.71 2.57 0.00	117.60 2.30 0.00	113.11 2.55 0.00	111.76 2.51 0.00	117.41 2.52 0.00	114.89 2.37 0.00	117.09 1.96 0.00	122.16 2.04 0.00	122.27 1.92 0.00	123.59 2.06 0.00	125.87 2.47 0.00	127.23 2.62 0.00	133.59 2.87 0.00	136.05 3.18 0.00	136.17 2.93 0.00	139.71 3.00 0.00	159.17 3.28 0.00	179.98 3.35 0.00	168.47 3.62 0.00	152.33 3.72 0.00	141.21 3.30 0.00	129.65 3.03 0.00	128.53 2.76 0.00	123.26 2.54 0.00



GILBOA____ 23599	124.70 2.56 0.00	117.60 2.31 0.00	113.11 2.54 0.00	111.76 2.51 0.00	117.30 2.41 0.00	114.88 2.36 0.00	117.09 1.96 0.00	122.04 1.92 0.00	122.28 1.93 0.00	123.47 1.94 0.00	125.87 2.47 0.00	127.22 2.62 0.00	133.60 2.88 0.00	136.06 3.19 0.00	136.18 2.93 0.00	139.71 3.01 0.00	159.16 3.27 0.00	179.98 3.36 0.00	168.47 3.63 0.00	152.33 3.72 0.00	141.21 3.31 0.00	129.66 3.04 0.00	128.53 2.77 0.00	123.26 2.54 0.00
GINNA____ 23603	112.25 -9.89 0.00	106.18 -9.11 0.00	101.83 -8.74 0.00	100.62 -8.63 0.00	105.47 -9.42 0.00	103.07 -9.45 0.00	105.58 -9.55 0.00	110.87 -9.25 0.00	111.20 -9.15 0.00	112.90 -8.63 0.00	114.76 -8.64 0.00	115.88 -8.73 0.00	121.05 -9.67 0.00	121.98 -10.89 0.00	121.78 -11.46 0.00	124.40 -12.30 0.00	141.55 -14.34 0.00	160.73 -15.90 0.00	149.52 -15.33 0.00	134.35 -14.27 0.00	125.08 -12.82 0.00	115.35 -11.27 0.00	114.45 -11.32 0.00	110.58 -10.14 0.00
GLEN PARK____ 23778	123.24 1.10 0.00	116.11 0.81 0.00	111.35 0.78 0.00	110.57 1.32 0.00	116.38 1.49 0.00	114.32 1.79 0.00	117.21 2.07 0.00	123.36 3.24 0.00	123.60 3.25 0.00	124.68 3.15 0.00	126.85 3.45 0.00	127.97 3.37 0.00	134.25 3.53 0.00	136.19 3.32 0.00	135.91 2.66 0.00	140.25 3.55 0.00	160.56 4.67 0.00	181.92 5.29 0.00	169.79 4.94 0.00	151.59 2.97 0.00	140.52 2.61 0.00	127.89 1.27 0.00	129.28 3.52 0.00	123.14 2.41 0.00
GLENDALE_27_KV_LOAD 356172	127.27 5.13 0.00	119.56 4.27 0.00	114.44 3.87 0.00	112.96 3.71 0.00	118.45 3.56 0.00	115.22 2.70 0.00	118.24 3.11 0.00	122.64 2.52 0.00	123.24 2.89 0.00	124.81 3.28 0.00	127.84 4.44 0.00	129.47 4.86 0.00	136.08 5.36 0.00	139.11 6.24 0.00	139.51 6.26 0.00	142.72 6.01 0.00	162.90 7.01 0.00	185.11 8.48 0.00	172.93 8.08 0.00	156.34 7.73 0.00	144.25 6.34 0.00	132.95 6.33 0.00	131.30 5.53 0.00	126.28 5.55 0.00
GLENWOOD_IC_1_G5 23712	127.03 4.89 0.00	120.48 5.19 0.00	115.21 4.64 0.00	113.84 4.59 0.00	119.26 4.37 0.00	116.46 3.94 0.00	119.51 4.38 0.00	123.84 3.72 0.00	124.20 3.85 0.00	125.42 3.89 0.00	128.70 5.31 0.00	130.46 5.86 0.00	137.00 6.27 0.00	140.18 7.31 0.00	140.31 7.06 0.00	143.95 7.25 0.00	164.46 8.57 0.00	187.23 10.60 0.00	175.07 10.22 0.00	157.98 9.36 0.00	145.90 8.00 0.00	134.22 7.60 0.00	131.55 5.79 0.00	126.28 5.55 0.00
GLENWOOD_IC_2_G1 23688	126.66 4.52 0.00	119.79 4.49 0.00	114.66 4.09 0.00	113.29 4.04 0.00	118.68 3.79 0.00	116.01 3.49 0.00	119.05 3.92 0.00	123.60 3.49 0.00	123.96 3.61 0.00	125.42 3.89 0.00	128.34 4.94 0.00	129.72 5.11 0.00	136.47 5.75 0.00	139.51 6.64 0.00	139.64 6.40 0.00	143.26 6.56 0.00	163.68 7.79 0.00	186.16 9.53 0.00	174.07 9.23 0.00	157.23 8.62 0.00	145.07 7.17 0.00	133.33 6.71 0.00	131.04 5.28 0.00	126.03 5.31 0.00
GLENWOOD_IC_3_G1 23689	126.66 4.52 0.00	119.79 4.49 0.00	114.66 4.09 0.00	113.29 4.04 0.00	118.68 3.79 0.00	116.01 3.49 0.00	119.05 3.92 0.00	123.60 3.49 0.00	123.96 3.61 0.00	125.42 3.89 0.00	128.34 4.94 0.00	129.72 5.11 0.00	136.47 5.75 0.00	139.51 6.64 0.00	139.64 6.40 0.00	143.26 6.56 0.00	163.68 7.79 0.00	186.16 9.53 0.00	174.07 9.23 0.00	157.23 8.62 0.00	145.07 7.17 0.00	133.33 6.71 0.00	131.04 5.28 0.00	126.03 5.31 0.00
GLENWOOD____4 23550	127.03 4.89 0.00	120.48 5.19 0.00	115.21 4.64 0.00	113.84 4.59 0.00	119.26 4.37 0.00	116.46 3.94 0.00	119.51 4.38 0.00	123.84 3.72 0.00	124.20 3.85 0.00	125.42 3.89 0.00	128.70 5.31 0.00	130.46 5.86 0.00	137.00 6.27 0.00	140.18 7.31 0.00	140.31 7.06 0.00	143.95 7.25 0.00	164.46 8.57 0.00	187.23 10.60 0.00	175.07 10.22 0.00	157.98 9.36 0.00	145.90 8.00 0.00	134.22 7.60 0.00	131.55 5.79 0.00	126.28 5.55 0.00
GLENWOOD____5 23614	127.03 4.89 0.00	120.48 5.19 0.00	115.21 4.64 0.00	113.84 4.59 0.00	119.26 4.37 0.00	116.46 3.94 0.00	119.51 4.38 0.00	123.84 3.72 0.00	124.20 3.85 0.00	125.42 3.89 0.00	128.70 5.31 0.00	130.46 5.86 0.00	137.00 6.27 0.00	140.18 7.31 0.00	140.31 7.06 0.00	143.95 7.25 0.00	164.46 8.57 0.00	187.23 10.60 0.00	175.07 10.22 0.00	157.98 9.36 0.00	145.90 8.00 0.00	134.22 7.60 0.00	131.55 5.79 0.00	126.28 5.55 0.00
GLOBAL GREEN_PORT_GT1 23814	130.07 7.93 0.00	124.52 9.23 0.00	118.87 8.30 0.00	117.78 8.53 0.00	122.81 7.92 0.00	120.06 7.54 0.00	123.31 8.18 0.00	127.92 7.80 0.00	128.17 7.82 0.00	129.91 8.38 0.00	133.63 10.24 0.00	135.44 10.84 0.00	142.92 12.16 -0.04	146.60 13.69 -0.04	146.35 13.07 -0.04	215.78 13.80 -65.28	204.27 15.91 -32.48	204.40 19.08 -8.69	203.07 17.14 -21.08	201.80 15.00 -38.18	150.21 12.27 -0.04	137.80 11.15 -0.04	133.93 8.17 0.00	130.15 9.42 0.00
GLOBE____DSASP 323697	110.05 -12.09 0.00	104.57 -10.72 0.00	102.94 -7.63 0.00	99.53 -9.72 0.00	103.29 -11.60 0.00	101.49 -11.03 0.00	103.50 -11.63 0.00	108.11 -12.01 0.00	108.44 -11.92 0.00	110.59 -10.94 0.00	112.17 -11.23 0.00	113.02 -11.59 0.00	117.26 -13.46 0.00	116.79 -16.08 0.00	115.92 -17.32 0.00	117.56 -19.14 0.00	134.06 -21.82 0.00	151.55 -25.08 0.00	141.27 -23.57 0.00	125.73 -22.89 0.00	117.91 -20.00 0.00	108.89 -17.73 0.00	108.91 -16.85 0.00	107.81 -12.92 0.00
GOETHSLN____LBMP 323567	125.68 3.54 0.00	118.29 3.00 0.00	113.22 2.65 0.00	111.76 2.51 0.00	117.30 2.41 0.00	114.55 2.03 0.00	117.67 2.53 0.00	122.16 2.04 0.00	122.64 2.29 0.00	124.20 2.67 0.00	127.22 3.83 0.00	128.72 4.11 0.00	135.43 4.71 0.00	138.45 5.58 0.00	138.71 5.46 0.00	142.03 5.33 0.00	161.97 6.08 0.00	184.05 7.42 0.00	171.94 7.09 0.00	155.45 6.84 0.00	143.56 5.65 0.00	132.19 5.57 0.00	130.29 4.53 0.00	124.83 4.10 0.00
GOLAH____69_KV_TB 1_2 80279	116.52 -5.62 0.00	110.34 -4.96 0.00	105.81 -4.75 0.00	104.66 -4.59 0.00	109.38 -5.51 0.00	107.12 -5.40 0.00	109.61 -5.53 0.00	114.47 -5.65 0.00	115.06 -5.30 0.00	117.03 -4.50 0.00	118.83 -4.57 0.00	119.87 -4.74 0.00	124.97 -5.75 0.00	125.03 -7.84 0.00	124.72 -8.53 0.00	127.13 -9.57 0.00	144.82 -11.07 0.00	164.62 -12.01 0.00	153.14 -11.70 0.00	137.17 -11.44 0.00	128.11 -9.79 0.00	118.01 -8.61 0.00	117.46 -8.30 0.00	114.69 -6.04 0.00
GOODYEAR_LAKE_HYD 323669	124.83 2.69 0.00	117.71 2.42 0.00	112.89 2.32 0.00	111.65 2.40 0.00	117.19 2.30 0.00	114.77 2.25 0.00	117.44 2.30 0.00	122.88 2.76 0.00	122.88 2.53 0.00	124.08 2.55 0.00	126.24 2.84 0.00	127.60 2.99 0.00	133.99 3.27 0.00	136.32 3.45 0.00	136.44 3.20 0.00	140.39 3.69 0.00	160.41 4.52 0.00	181.93 5.30 0.00	169.96 5.11 0.00	153.07 4.46 0.00	141.90 4.00 0.00	129.79 3.17 0.00	128.78 3.02 0.00	123.26 2.54 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	120.92 -1.22 0.00	114.26 -1.04 0.00	109.68 -0.88 0.00	108.38 -0.87 0.00	113.63 -1.26 0.00	111.28 -1.24 0.00	113.64 -1.50 0.00	119.04 -1.08 0.00	119.27 -1.08 0.00	120.68 -0.85 0.00	122.66 -0.74 0.00	123.86 -0.75 0.00	129.55 -1.18 0.00	131.14 -1.73 0.00	131.11 -2.13 0.00	134.38 -2.32 0.00	153.55 -2.34 0.00	173.98 -2.65 0.00	162.37 -2.47 0.00	145.79 -2.82 0.00	135.56 -2.34 0.00	124.34 -2.28 0.00	123.50 -2.26 0.00	119.03 -1.69 0.00



GOUDEY___7 23579	120.92 -1.22 0.00	114.26 -1.04 0.00	109.68 -0.88 0.00	108.38 -0.87 0.00	113.63 -1.26 0.00	111.28 -1.24 0.00	113.64 -1.50 0.00	119.04 -1.08 0.00	119.27 -1.08 0.00	120.68 -0.85 0.00	122.66 -0.74 0.00	123.86 -0.75 0.00	129.55 -1.18 0.00	131.14 -1.73 0.00	131.11 -2.13 0.00	134.38 -2.32 0.00	153.55 -2.34 0.00	173.98 -2.65 0.00	162.37 -2.47 0.00	145.79 -2.82 0.00	135.56 -2.34 0.00	124.34 -2.28 0.00	123.50 -2.26 0.00	119.03 -1.69 0.00
GOUDEY___8 23580	120.92 -1.22 0.00	114.26 -1.04 0.00	109.68 -0.88 0.00	108.38 -0.87 0.00	113.63 -1.26 0.00	111.28 -1.24 0.00	113.64 -1.50 0.00	119.04 -1.08 0.00	119.27 -1.08 0.00	120.68 -0.85 0.00	122.66 -0.74 0.00	123.86 -0.75 0.00	129.55 -1.18 0.00	131.14 -1.73 0.00	131.11 -2.13 0.00	134.38 -2.32 0.00	153.55 -2.34 0.00	173.98 -2.65 0.00	162.37 -2.47 0.00	145.79 -2.82 0.00	135.56 -2.34 0.00	124.34 -2.28 0.00	123.50 -2.26 0.00	119.03 -1.69 0.00
GOWANUS_GT1_1 24077	126.90 4.76 0.00	119.21 3.92 0.00	114.00 3.43 0.00	112.42 3.17 0.00	117.99 3.10 0.00	114.55 2.03 0.00	117.32 2.19 0.00	121.44 1.32 0.00	122.04 1.68 0.00	123.72 2.19 0.00	126.73 3.33 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.44 5.20 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.30 6.69 0.00	143.14 5.24 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.80 5.07 0.00
GOWANUS_GT1_2 24078	126.90 4.76 0.00	119.21 3.92 0.00	114.00 3.43 0.00	112.42 3.17 0.00	117.99 3.10 0.00	114.55 2.03 0.00	117.32 2.19 0.00	121.44 1.32 0.00	122.04 1.68 0.00	123.72 2.19 0.00	126.73 3.33 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.44 5.20 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.30 6.69 0.00	143.14 5.24 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.80 5.07 0.00
GOWANUS_GT1_3 24079	126.90 4.76 0.00	119.21 3.92 0.00	114.00 3.43 0.00	112.42 3.17 0.00	117.99 3.10 0.00	114.55 2.03 0.00	117.32 2.19 0.00	121.44 1.32 0.00	122.04 1.68 0.00	123.72 2.19 0.00	126.73 3.33 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.44 5.20 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.30 6.69 0.00	143.14 5.24 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.80 5.07 0.00
GOWANUS_GT1_4 24080	126.90 4.76 0.00	119.21 3.92 0.00	114.00 3.43 0.00	112.42 3.17 0.00	117.99 3.10 0.00	114.55 2.03 0.00	117.32 2.19 0.00	121.44 1.32 0.00	122.04 1.68 0.00	123.72 2.19 0.00	126.73 3.33 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.44 5.20 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.30 6.69 0.00	143.14 5.24 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.80 5.07 0.00
GOWANUS_GT1_5 24084	126.90 4.76 0.00	119.21 3.92 0.00	114.00 3.43 0.00	112.42 3.17 0.00	117.99 3.10 0.00	114.55 2.03 0.00	117.32 2.19 0.00	121.44 1.32 0.00	122.04 1.68 0.00	123.72 2.19 0.00	126.73 3.33 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.44 5.20 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.30 6.69 0.00	143.14 5.24 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.80 5.07 0.00
GOWANUS_GT1_6 24111	126.90 4.76 0.00	119.21 3.92 0.00	114.00 3.43 0.00	112.42 3.17 0.00	117.99 3.10 0.00	114.55 2.03 0.00	117.32 2.19 0.00	121.44 1.32 0.00	122.04 1.68 0.00	123.72 2.19 0.00	126.73 3.33 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.44 5.20 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.30 6.69 0.00	143.14 5.24 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.80 5.07 0.00
GOWANUS_GT1_7 24112	126.90 4.76 0.00	119.21 3.92 0.00	114.00 3.43 0.00	112.42 3.17 0.00	117.99 3.10 0.00	114.55 2.03 0.00	117.32 2.19 0.00	121.44 1.32 0.00	122.04 1.68 0.00	123.72 2.19 0.00	126.73 3.33 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.44 5.20 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.30 6.69 0.00	143.14 5.24 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.80 5.07 0.00
GOWANUS_GT1_8 24113	126.90 4.76 0.00	119.21 3.92 0.00	114.00 3.43 0.00	112.42 3.17 0.00	117.99 3.10 0.00	114.55 2.03 0.00	117.32 2.19 0.00	121.44 1.32 0.00	122.04 1.68 0.00	123.72 2.19 0.00	126.73 3.33 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.44 5.20 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.30 6.69 0.00	143.14 5.24 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.80 5.07 0.00
GOWANUS_GT2_1 24114	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
GOWANUS_GT2_2 24115	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
GOWANUS_GT2_3 24116	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
GOWANUS_GT2_4 24117	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
GOWANUS_GT2_5 24118	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00



GOWANUS_GT2_6 24119	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
GOWANUS_GT2_7 24120	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
GOWANUS_GT2_8 24121	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
GOWANUS_GT3_1 24122	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
GOWANUS_GT3_2 24123	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
GOWANUS_GT3_3 24124	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
GOWANUS_GT3_4 24125	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
GOWANUS_GT3_5 24126	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
GOWANUS_GT3_6 24127	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
GOWANUS_GT3_7 24128	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
GOWANUS_GT3_8 24129	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
GOWANUS_GT4_1 24130	126.90 4.76 0.00	119.21 3.92 0.00	114.00 3.43 0.00	112.42 3.17 0.00	117.99 3.10 0.00	114.55 2.03 0.00	117.32 2.19 0.00	121.44 1.32 0.00	122.04 1.68 0.00	123.72 2.19 0.00	126.73 3.33 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.44 5.20 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.30 6.69 0.00	143.14 5.24 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.80 5.07 0.00
GOWANUS_GT4_2 24131	126.90 4.76 0.00	119.21 3.92 0.00	114.00 3.43 0.00	112.42 3.17 0.00	117.99 3.10 0.00	114.55 2.03 0.00	117.32 2.19 0.00	121.44 1.32 0.00	122.04 1.68 0.00	123.72 2.19 0.00	126.73 3.33 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.44 5.20 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.30 6.69 0.00	143.14 5.24 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.80 5.07 0.00
GOWANUS_GT4_3 24132	126.90 4.76 0.00	119.21 3.92 0.00	114.00 3.43 0.00	112.42 3.17 0.00	117.99 3.10 0.00	114.55 2.03 0.00	117.32 2.19 0.00	121.44 1.32 0.00	122.04 1.68 0.00	123.72 2.19 0.00	126.73 3.33 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.44 5.20 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.30 6.69 0.00	143.14 5.24 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.80 5.07 0.00
GOWANUS_GT4_4 24133	126.90 4.76 0.00	119.21 3.92 0.00	114.00 3.43 0.00	112.42 3.17 0.00	117.99 3.10 0.00	114.55 2.03 0.00	117.32 2.19 0.00	121.44 1.32 0.00	122.04 1.68 0.00	123.72 2.19 0.00	126.73 3.33 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.44 5.20 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.30 6.69 0.00	143.14 5.24 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.80 5.07 0.00



GOWANUS_GT4_5 24134	126.90 4.76 0.00	119.21 3.92 0.00	114.00 3.43 0.00	112.42 3.17 0.00	117.99 3.10 0.00	114.55 2.03 0.00	117.32 2.19 0.00	121.44 1.32 0.00	122.04 1.68 0.00	123.72 2.19 0.00	126.73 3.33 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.44 5.20 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.30 6.69 0.00	143.14 5.24 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.80 5.07 0.00
GOWANUS_GT4_6 24135	126.90 4.76 0.00	119.21 3.92 0.00	114.00 3.43 0.00	112.42 3.17 0.00	117.99 3.10 0.00	114.55 2.03 0.00	117.32 2.19 0.00	121.44 1.32 0.00	122.04 1.68 0.00	123.72 2.19 0.00	126.73 3.33 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.44 5.20 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.30 6.69 0.00	143.14 5.24 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.80 5.07 0.00
GOWANUS_GT4_7 24136	126.90 4.76 0.00	119.21 3.92 0.00	114.00 3.43 0.00	112.42 3.17 0.00	117.99 3.10 0.00	114.55 2.03 0.00	117.32 2.19 0.00	121.44 1.32 0.00	122.04 1.68 0.00	123.72 2.19 0.00	126.73 3.33 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.44 5.20 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.30 6.69 0.00	143.14 5.24 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.80 5.07 0.00
GOWANUS_GT4_8 24137	126.90 4.76 0.00	119.21 3.92 0.00	114.00 3.43 0.00	112.42 3.17 0.00	117.99 3.10 0.00	114.55 2.03 0.00	117.32 2.19 0.00	121.44 1.32 0.00	122.04 1.68 0.00	123.72 2.19 0.00	126.73 3.33 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.44 5.20 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.30 6.69 0.00	143.14 5.24 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.80 5.07 0.00
GREATVRV_69_KV_BK1 356245	129.35 7.21 0.00	123.94 8.65 0.00	118.42 7.85 0.00	117.12 7.87 0.00	122.36 7.47 0.00	119.50 6.98 0.00	122.39 7.25 0.00	126.36 6.25 0.00	126.61 6.26 0.00	127.36 5.83 0.00	130.93 7.53 0.00	132.83 8.22 0.00	139.24 8.50 -0.02	141.26 8.37 -0.02	141.79 8.53 -0.02	174.71 8.48 -29.53	181.18 10.60 -14.69	194.34 13.78 -3.93	187.74 13.35 -9.54	177.78 11.89 -17.27	148.12 10.20 -0.02	136.13 9.50 -0.02	134.06 8.30 0.00	129.06 8.33 0.00
GREENBSH_115KV_TB3 55895	126.41 4.27 0.00	119.21 3.92 0.00	114.33 3.76 0.00	112.86 3.61 0.00	118.57 3.68 0.00	116.12 3.60 0.00	118.59 3.45 0.00	123.48 3.36 0.00	123.60 3.25 0.00	124.93 3.40 0.00	127.35 3.95 0.00	128.59 3.99 0.00	135.04 4.31 0.00	137.52 4.65 0.00	136.98 3.73 0.00	140.80 4.10 0.00	160.41 4.52 0.00	181.57 4.95 0.00	169.79 4.95 0.00	153.37 4.76 0.00	142.18 4.27 0.00	130.92 4.31 0.00	130.29 4.53 0.00	124.83 4.10 0.00
GREENDGE_115KV_TB5 80291	123.12 0.98 0.00	116.45 1.15 0.00	111.90 1.33 0.00	110.56 1.31 0.00	115.69 0.80 0.00	113.42 0.90 0.00	115.94 0.81 0.00	121.92 1.80 0.00	122.04 1.68 0.00	123.11 1.58 0.00	124.63 1.23 0.00	125.73 1.12 0.00	130.85 0.13 0.00	131.80 -1.06 0.00	131.51 -1.73 0.00	134.92 -1.78 0.00	155.11 -0.78 0.00	175.74 -0.88 0.00	164.02 -0.82 0.00	146.54 -2.08 0.00	136.25 -1.65 0.00	124.72 -1.90 0.00	124.13 -1.63 0.00	120.00 -0.72 0.00
GREENIDGE___3 23582	123.12 0.98 0.00	116.45 1.15 0.00	111.90 1.33 0.00	110.56 1.31 0.00	115.69 0.80 0.00	113.42 0.90 0.00	115.94 0.81 0.00	121.92 1.80 0.00	122.04 1.68 0.00	123.11 1.58 0.00	124.63 1.23 0.00	125.73 1.12 0.00	130.85 0.13 0.00	131.80 -1.06 0.00	131.51 -1.73 0.00	134.92 -1.78 0.00	155.11 -0.78 0.00	175.74 -0.88 0.00	164.02 -0.82 0.00	146.54 -2.08 0.00	136.25 -1.65 0.00	124.72 -1.90 0.00	124.13 -1.63 0.00	120.00 -0.72 0.00
GREENIDGE___4 23583	123.11 0.97 0.00	116.45 1.15 0.00	112.00 1.43 0.00	110.57 1.32 0.00	115.80 0.91 0.00	113.42 0.90 0.00	115.94 0.81 0.00	122.16 2.04 0.00	122.04 1.68 0.00	123.23 1.70 0.00	124.51 1.11 0.00	125.60 0.99 0.00	130.59 -0.13 0.00	131.80 -1.07 0.00	131.51 -1.74 0.00	134.92 -1.78 0.00	155.11 -0.78 0.00	175.75 -0.88 0.00	164.03 -0.82 0.00	146.39 -2.23 0.00	136.25 -1.65 0.00	124.85 -1.77 0.00	124.26 -1.50 0.00	120.12 -0.60 0.00
GREENLWN_69_KV_BK 3 55738	126.29 4.15 0.00	121.06 5.76 0.00	115.77 5.20 0.00	114.60 5.35 0.00	119.83 4.94 0.00	117.02 4.50 0.00	119.85 4.72 0.00	123.60 3.48 0.00	123.96 3.61 0.00	124.69 3.16 0.00	127.96 4.57 0.00	129.72 5.11 0.00	136.08 5.36 0.00	139.51 6.64 0.00	139.50 6.26 0.00	135.33 6.70 8.07	159.98 8.11 4.01	186.33 10.77 1.07	172.63 10.39 2.61	153.26 9.36 4.72	145.62 7.72 0.00	134.09 7.47 0.00	130.67 4.90 0.00	126.04 5.31 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	126.90 4.76 0.00	119.21 3.92 0.00	114.00 3.43 0.00	112.42 3.17 0.00	117.99 3.10 0.00	114.55 2.03 0.00	117.32 2.19 0.00	121.44 1.32 0.00	122.04 1.68 0.00	123.72 2.19 0.00	126.73 3.33 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.44 5.20 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.30 6.69 0.00	143.14 5.24 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.80 5.07 0.00
GRISSOM___SOLAR 323813	128.73 6.59 0.00	121.40 6.11 0.00	116.20 5.64 0.00	114.49 5.24 0.00	120.75 5.86 0.00	118.48 5.96 0.00	120.77 5.64 0.00	126.12 6.00 0.00	125.17 4.82 0.00	125.30 3.77 0.00	126.98 3.58 0.00	128.22 3.62 0.00	135.30 4.57 0.00	138.04 5.18 0.00	139.10 5.86 0.00	144.49 7.79 0.00	165.55 9.67 0.00	187.94 11.31 0.00	175.56 10.71 0.00	158.42 9.81 0.00	146.86 8.96 0.00	134.34 7.72 0.00	132.80 7.04 0.00	127.12 6.39 0.00
GROVEVILLE___HYD 323602	127.51 5.37 0.00	120.14 4.84 0.00	114.99 4.42 0.00	113.51 4.26 0.00	119.14 4.25 0.00	116.46 3.94 0.00	119.39 4.26 0.00	124.08 3.96 0.00	123.96 3.61 0.00	125.17 3.65 0.00	128.09 4.69 0.00	129.59 4.98 0.00	136.34 5.62 0.00	139.38 6.51 0.00	139.64 6.40 0.00	143.26 6.56 0.00	163.84 7.95 0.00	185.99 9.36 0.00	173.58 8.74 0.00	156.79 8.17 0.00	145.07 7.17 0.00	133.33 6.71 0.00	131.80 6.04 0.00	125.80 5.07 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	119.94 -2.20 0.00	113.22 -2.08 0.00	108.69 -1.88 0.00	107.28 -1.97 0.00	112.71 -2.18 0.00	110.27 -2.25 0.00	112.83 -2.30 0.00	118.19 -1.92 0.00	118.55 -1.81 0.00	119.83 -1.70 0.00	121.67 -1.73 0.00	122.99 -1.62 0.00	128.76 -1.96 0.00	130.61 -2.26 0.00	130.71 -2.53 0.00	133.97 -2.73 0.00	153.08 -2.81 0.00	173.27 -3.36 0.00	161.72 -3.13 0.00	145.49 -3.12 0.00	135.28 -2.62 0.00	124.09 -2.53 0.00	123.25 -2.52 0.00	118.31 -2.41 0.00
HAMLTNNY_34_KV_TB 80303	120.06 -2.08 0.00	113.33 -1.96 0.00	108.69 -1.88 0.00	107.39 -1.86 0.00	112.71 -2.18 0.00	110.38 -2.14 0.00	112.83 -2.30 0.00	118.31 -1.80 0.00	118.67 -1.68 0.00	119.95 -1.58 0.00	121.92 -1.48 0.00	123.24 -1.37 0.00	128.89 -1.83 0.00	130.74 -2.13 0.00	130.71 -2.53 0.00	133.97 -2.73 0.00	152.92 -2.96 0.00	173.27 -3.36 0.00	161.55 -3.30 0.00	145.35 -3.27 0.00	135.14 -2.76 0.00	123.96 -2.66 0.00	123.12 -2.64 0.00	118.31 -2.41 0.00



HAMPSHIRE___PAPER_HYD 323593	121.41 -0.73 0.00	114.95 -0.34 0.00	110.35 -0.22 0.00	109.47 0.22 0.00	115.58 0.69 0.00	113.65 1.13 0.00	115.94 0.81 0.00	121.32 1.20 0.00	121.43 1.08 0.00	122.38 0.86 0.00	124.76 1.36 0.00	125.60 0.99 0.00	131.51 0.79 0.00	133.27 0.40 0.00	133.24 0.00 0.00	136.98 0.27 0.00	156.04 0.16 0.00	176.28 -0.35 0.00	164.35 -0.49 0.00	147.13 -1.49 0.00	136.52 -1.38 0.00	124.59 -2.03 0.00	126.52 0.76 0.00	121.09 0.36 0.00
HARDSCRABBLE_WT_PWR 323673	127.03 4.89 0.00	120.02 4.73 0.00	115.43 4.86 0.00	114.28 5.03 0.00	120.29 5.40 0.00	117.92 5.40 0.00	120.89 5.75 0.00	126.36 6.24 0.00	126.61 6.25 0.00	128.09 6.56 0.00	130.18 6.78 0.00	131.58 6.97 0.00	138.04 7.32 0.00	140.17 7.30 0.00	140.30 7.06 0.00	143.94 7.24 0.00	163.99 8.10 0.00	185.63 9.00 0.00	173.09 8.24 0.00	155.90 7.28 0.00	144.39 6.48 0.00	132.32 5.70 0.00	131.43 5.66 0.00	126.03 5.31 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	125.93 3.79 0.00	118.64 3.34 0.00	113.55 2.99 0.00	112.09 2.84 0.00	117.76 2.87 0.00	115.11 2.59 0.00	118.01 2.88 0.00	122.64 2.52 0.00	122.76 2.41 0.00	123.96 2.43 0.00	126.85 3.46 0.00	128.35 3.74 0.00	134.91 4.18 0.00	137.92 5.05 0.00	138.17 4.93 0.00	141.76 5.06 0.00	161.97 6.08 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.01 6.39 0.00	143.42 5.52 0.00	131.81 5.19 0.00	130.29 4.53 0.00	124.47 3.74 0.00
HARSNRAD_115KV_TB1 81005	112.49 -9.65 0.00	106.99 -8.30 0.00	102.17 -8.40 0.00	101.71 -7.54 0.00	105.70 -9.19 0.00	103.74 -8.78 0.00	105.69 -9.44 0.00	109.55 -10.57 0.00	109.88 -10.47 0.00	112.17 -9.36 0.00	113.77 -9.63 0.00	114.51 -10.09 0.00	118.96 -11.77 0.00	118.52 -14.35 0.00	117.65 -15.59 0.00	119.48 -17.22 0.00	136.09 -19.80 0.00	154.20 -22.43 0.00	143.58 -21.27 0.00	127.81 -20.81 0.00	119.84 -18.07 0.00	110.54 -16.08 0.00	110.55 -15.22 0.00	109.98 -10.74 0.00
HARZA MOOSE___RIVER 24016	123.85 1.71 0.00	116.79 1.50 0.00	112.12 1.55 0.00	111.33 2.08 0.00	117.30 2.41 0.00	115.56 3.04 0.00	118.36 3.22 0.00	124.20 4.08 0.00	124.45 4.09 0.00	125.66 4.13 0.00	127.96 4.57 0.00	129.09 4.49 0.00	135.56 4.84 0.00	137.52 4.65 0.00	137.51 4.26 0.00	141.49 4.78 0.00	161.65 5.77 0.00	182.81 6.18 0.00	170.62 5.77 0.00	152.33 3.72 0.00	141.21 3.31 0.00	128.77 2.15 0.00	130.17 4.40 0.00	124.23 3.50 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	119.21 -2.93 0.00	112.53 -2.77 0.00	107.91 -2.65 0.00	106.63 -2.62 0.00	111.90 -2.99 0.00	109.59 -2.93 0.00	112.02 -3.11 0.00	117.35 -2.76 0.00	117.71 -2.65 0.00	118.98 -2.55 0.00	120.81 -2.59 0.00	122.11 -2.49 0.00	127.85 -2.88 0.00	129.68 -3.19 0.00	129.78 -3.46 0.00	133.01 -3.69 0.00	151.83 -4.05 0.00	172.04 -4.59 0.00	160.56 -4.29 0.00	144.45 -4.16 0.00	134.18 -3.72 0.00	123.20 -3.42 0.00	122.37 -3.40 0.00	117.59 -3.14 0.00
HELLGATE_13_KV_LD 55870	127.39 5.25 0.00	119.67 4.38 0.00	114.44 3.87 0.00	112.96 3.71 0.00	118.45 3.56 0.00	115.11 2.59 0.00	118.13 2.99 0.00	122.52 2.40 0.00	123.00 2.65 0.00	124.69 3.16 0.00	127.72 4.32 0.00	129.22 4.61 0.00	135.82 5.10 0.00	138.98 6.11 0.00	139.37 6.13 0.00	142.58 5.88 0.00	162.59 6.70 0.00	184.93 8.30 0.00	172.76 7.91 0.00	156.20 7.58 0.00	144.11 6.21 0.00	132.70 6.08 0.00	131.17 5.41 0.00	126.40 5.67 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	127.39 5.25 0.00	119.67 4.38 0.00	114.44 3.87 0.00	112.96 3.71 0.00	118.45 3.56 0.00	115.11 2.59 0.00	118.13 2.99 0.00	122.52 2.40 0.00	123.00 2.65 0.00	124.69 3.16 0.00	127.72 4.32 0.00	129.22 4.61 0.00	135.82 5.10 0.00	138.98 6.11 0.00	139.37 6.13 0.00	142.58 5.88 0.00	162.59 6.70 0.00	184.93 8.30 0.00	172.76 7.91 0.00	156.20 7.58 0.00	144.11 6.21 0.00	132.70 6.08 0.00	131.17 5.41 0.00	126.40 5.67 0.00
HEMPSTEAD____ 23647	126.41 4.27 0.00	120.36 5.07 0.00	115.10 4.54 0.00	113.84 4.59 0.00	119.02 4.13 0.00	116.35 3.83 0.00	119.27 4.14 0.00	123.72 3.60 0.00	123.96 3.61 0.00	125.30 3.77 0.00	128.34 4.94 0.00	129.60 4.99 0.00	136.34 5.62 0.00	139.51 6.64 0.00	139.64 6.40 0.00	143.40 6.70 0.00	163.83 7.95 0.00	187.05 10.42 0.00	174.74 9.89 0.00	157.83 9.22 0.00	145.48 7.58 0.00	133.83 7.21 0.00	130.92 5.16 0.00	126.28 5.56 0.00
HICKLING___1 23621	119.94 -2.20 0.00	113.45 -1.84 0.00	109.02 -1.55 0.00	107.72 -1.53 0.00	112.71 -2.18 0.00	110.38 -2.14 0.00	112.71 -2.42 0.00	118.31 -1.80 0.00	118.55 -1.81 0.00	119.95 -1.58 0.00	121.55 -1.85 0.00	122.61 -1.99 0.00	127.85 -2.88 0.00	128.75 -4.12 0.00	128.31 -4.93 0.00	131.51 -5.19 0.00	150.74 -5.14 0.00	170.62 -6.01 0.00	159.08 -5.77 0.00	142.23 -6.39 0.00	132.52 -5.38 0.00	121.43 -5.19 0.00	120.98 -4.78 0.00	117.22 -3.50 0.00
HICKLING___2 23622	119.94 -2.20 0.00	113.45 -1.84 0.00	109.02 -1.55 0.00	107.72 -1.53 0.00	112.71 -2.18 0.00	110.38 -2.14 0.00	112.71 -2.42 0.00	118.31 -1.80 0.00	118.55 -1.81 0.00	119.95 -1.58 0.00	121.55 -1.85 0.00	122.61 -1.99 0.00	127.85 -2.88 0.00	128.75 -4.12 0.00	128.31 -4.93 0.00	131.51 -5.19 0.00	150.74 -5.14 0.00	170.62 -6.01 0.00	159.08 -5.77 0.00	142.23 -6.39 0.00	132.52 -5.38 0.00	121.43 -5.19 0.00	120.98 -4.78 0.00	117.22 -3.50 0.00
HIGH FALLS___HY 23754	127.27 5.13 0.00	119.91 4.61 0.00	114.77 4.20 0.00	113.18 3.93 0.00	118.80 3.91 0.00	116.23 3.71 0.00	119.28 4.14 0.00	123.84 3.72 0.00	123.60 3.25 0.00	124.57 3.04 0.00	127.47 4.07 0.00	128.97 4.36 0.00	135.56 4.84 0.00	138.58 5.71 0.00	139.24 6.00 0.00	142.99 6.29 0.00	163.68 7.79 0.00	185.99 9.36 0.00	173.58 8.74 0.00	156.64 8.03 0.00	144.94 7.03 0.00	133.20 6.58 0.00	131.67 5.91 0.00	125.43 4.71 0.00
HIGH_RIVER___SOLAR 323847	127.76 5.62 0.00	120.49 5.19 0.00	115.43 4.86 0.00	113.73 4.48 0.00	119.94 5.05 0.00	117.59 5.07 0.00	119.97 4.83 0.00	125.04 4.93 0.00	124.09 3.74 0.00	124.08 2.56 0.00	126.11 2.71 0.00	127.47 2.87 0.00	134.25 3.53 0.00	137.12 4.25 0.00	138.03 4.79 0.00	143.13 6.43 0.00	164.14 8.26 0.00	186.34 9.71 0.00	174.07 9.23 0.00	156.93 8.32 0.00	145.48 7.58 0.00	133.20 6.58 0.00	131.80 6.04 0.00	126.16 5.44 0.00
HILLBURN___GT 23639	125.44 3.30 0.00	118.18 2.88 0.00	113.11 2.55 0.00	111.76 2.51 0.00	117.31 2.42 0.00	114.65 2.13 0.00	117.55 2.42 0.00	122.28 2.16 0.00	122.52 2.17 0.00	123.96 2.43 0.00	126.73 3.33 0.00	128.09 3.48 0.00	134.78 4.06 0.00	137.64 4.78 0.00	137.91 4.66 0.00	141.35 4.65 0.00	161.34 5.45 0.00	183.34 6.71 0.00	171.27 6.42 0.00	154.71 6.10 0.00	143.01 5.11 0.00	131.43 4.81 0.00	129.79 4.02 0.00	124.34 3.62 0.00
HILLSIDE_115KV_TB1 80332	118.48 -3.66 0.00	112.07 -3.23 0.00	107.69 -2.87 0.00	106.30 -2.95 0.00	111.33 -3.56 0.00	109.03 -3.49 0.00	111.33 -3.80 0.00	116.75 -3.36 0.00	116.98 -3.37 0.00	118.37 -3.16 0.00	120.07 -3.33 0.00	121.24 -3.36 0.00	126.41 -4.31 0.00	127.55 -5.31 0.00	127.25 -6.00 0.00	130.28 -6.42 0.00	149.18 -6.70 0.00	169.03 -7.60 0.00	157.59 -7.25 0.00	141.04 -7.58 0.00	131.28 -6.62 0.00	120.54 -6.08 0.00	119.85 -5.91 0.00	116.02 -4.71 0.00



HISHELDN_WT_PWR 323625	115.54 -6.60 0.00	109.65 -5.65 0.00	105.71 -4.86 0.00	104.23 -5.02 0.00	108.80 -6.09 0.00	106.44 -6.08 0.00	108.57 -6.56 0.00	113.63 -6.49 0.00	113.73 -6.62 0.00	115.70 -5.83 0.00	116.85 -6.54 0.00	117.63 -6.98 0.00	121.97 -8.76 0.00	122.11 -10.76 0.00	121.52 -11.73 0.00	123.71 -12.99 0.00	141.39 -14.49 0.00	160.02 -16.61 0.00	149.02 -15.83 0.00	132.72 -15.90 0.00	124.11 -13.79 0.00	114.85 -11.77 0.00	114.45 -11.32 0.00	112.40 -8.33 0.00
HOLTSVILLE_IC_1 23690	127.64 5.50 0.00	122.21 6.92 0.00	116.76 6.19 0.00	115.58 6.33 0.00	120.63 5.74 0.00	117.92 5.40 0.00	120.77 5.64 0.00	125.28 5.16 0.00	125.29 4.94 0.00	126.63 5.10 0.00	129.57 6.17 0.00	130.83 6.23 0.00	137.69 6.92 -0.04	141.15 8.24 -0.04	141.14 7.86 -0.04	210.58 8.34 -65.54	198.47 9.99 -32.60	198.24 12.89 -8.73	198.38 12.37 -21.16	198.10 11.15 -38.33	147.32 9.38 -0.04	135.39 8.73 -0.04	132.05 6.29 0.00	127.85 7.12 0.00
HOLTSVILLE_IC_10 23699	128.37 6.23 0.00	122.90 7.61 0.00	117.43 6.86 0.00	116.25 7.00 0.00	121.32 6.43 0.00	118.59 6.07 0.00	121.46 6.33 0.00	126.00 5.88 0.00	126.01 5.66 0.00	127.24 5.71 0.00	130.30 6.91 0.00	131.58 6.97 0.00	138.60 7.84 -0.04	141.95 9.04 -0.04	141.94 8.66 -0.04	208.92 9.16 -63.05	198.32 11.07 -31.37	198.97 13.95 -8.40	198.73 13.52 -20.36	197.68 12.19 -36.88	148.29 10.35 -0.04	136.28 9.62 -0.04	132.93 7.16 0.00	128.57 7.84 0.00
HOLTSVILLE_IC_2 23691	127.64 5.50 0.00	122.21 6.92 0.00	116.76 6.19 0.00	115.58 6.33 0.00	120.63 5.74 0.00	117.92 5.40 0.00	120.77 5.64 0.00	125.28 5.16 0.00	125.29 4.94 0.00	126.63 5.10 0.00	129.57 6.17 0.00	130.83 6.23 0.00	137.69 6.92 -0.04	141.15 8.24 -0.04	141.14 7.86 -0.04	210.58 8.34 -65.54	198.47 9.99 -32.60	198.24 12.89 -8.73	198.38 12.37 -21.16	198.10 11.15 -38.33	147.32 9.38 -0.04	135.39 8.73 -0.04	132.05 6.29 0.00	127.85 7.12 0.00
HOLTSVILLE_IC_3 23692	127.64 5.50 0.00	122.21 6.92 0.00	116.76 6.19 0.00	115.58 6.33 0.00	120.63 5.74 0.00	117.92 5.40 0.00	120.77 5.64 0.00	125.28 5.16 0.00	125.29 4.94 0.00	126.63 5.10 0.00	129.57 6.17 0.00	130.83 6.23 0.00	137.69 6.92 -0.04	141.15 8.24 -0.04	141.14 7.86 -0.04	210.58 8.34 -65.54	198.47 9.99 -32.60	198.24 12.89 -8.73	198.38 12.37 -21.16	198.10 11.15 -38.33	147.32 9.38 -0.04	135.39 8.73 -0.04	132.05 6.29 0.00	127.85 7.12 0.00
HOLTSVILLE_IC_4 23693	127.64 5.50 0.00	122.21 6.92 0.00	116.76 6.19 0.00	115.58 6.33 0.00	120.63 5.74 0.00	117.92 5.40 0.00	120.77 5.64 0.00	125.28 5.16 0.00	125.29 4.94 0.00	126.63 5.10 0.00	129.57 6.17 0.00	130.83 6.23 0.00	137.69 6.92 -0.04	141.15 8.24 -0.04	141.14 7.86 -0.04	210.58 8.34 -65.54	198.47 9.99 -32.60	198.24 12.89 -8.73	198.38 12.37 -21.16	198.10 11.15 -38.33	147.32 9.38 -0.04	135.39 8.73 -0.04	132.05 6.29 0.00	127.85 7.12 0.00
HOLTSVILLE_IC_5 23694	127.64 5.50 0.00	122.21 6.92 0.00	116.76 6.19 0.00	115.58 6.33 0.00	120.63 5.74 0.00	117.92 5.40 0.00	120.77 5.64 0.00	125.28 5.16 0.00	125.29 4.94 0.00	126.63 5.10 0.00	129.57 6.17 0.00	130.83 6.23 0.00	137.69 6.92 -0.04	141.15 8.24 -0.04	141.14 7.86 -0.04	210.58 8.34 -65.54	198.47 9.99 -32.60	198.24 12.89 -8.73	198.38 12.37 -21.16	198.10 11.15 -38.33	147.32 9.38 -0.04	135.39 8.73 -0.04	132.05 6.29 0.00	127.85 7.12 0.00
HOLTSVILLE_IC_6 23695	128.37 6.23 0.00	122.90 7.61 0.00	117.43 6.86 0.00	116.25 7.00 0.00	121.32 6.43 0.00	118.59 6.07 0.00	121.46 6.33 0.00	126.00 5.88 0.00	126.01 5.66 0.00	127.24 5.71 0.00	130.30 6.91 0.00	131.58 6.97 0.00	138.60 7.84 -0.04	141.95 9.04 -0.04	141.94 8.66 -0.04	208.92 9.16 -63.05	198.32 11.07 -31.37	198.97 13.95 -8.40	198.73 13.52 -20.36	197.68 12.19 -36.88	148.29 10.35 -0.04	136.28 9.62 -0.04	132.93 7.16 0.00	128.57 7.84 0.00
HOLTSVILLE_IC_7 23696	128.37 6.23 0.00	122.90 7.61 0.00	117.43 6.86 0.00	116.25 7.00 0.00	121.32 6.43 0.00	118.59 6.07 0.00	121.46 6.33 0.00	126.00 5.88 0.00	126.01 5.66 0.00	127.24 5.71 0.00	130.30 6.91 0.00	131.58 6.97 0.00	138.60 7.84 -0.04	141.95 9.04 -0.04	141.94 8.66 -0.04	208.92 9.16 -63.05	198.32 11.07 -31.37	198.97 13.95 -8.40	198.73 13.52 -20.36	197.68 12.19 -36.88	148.29 10.35 -0.04	136.28 9.62 -0.04	132.93 7.16 0.00	128.57 7.84 0.00
HOLTSVILLE_IC_8 23697	128.37 6.23 0.00	122.90 7.61 0.00	117.43 6.86 0.00	116.25 7.00 0.00	121.32 6.43 0.00	118.59 6.07 0.00	121.46 6.33 0.00	126.00 5.88 0.00	126.01 5.66 0.00	127.24 5.71 0.00	130.30 6.91 0.00	131.58 6.97 0.00	138.60 7.84 -0.04	141.95 9.04 -0.04	141.94 8.66 -0.04	208.92 9.16 -63.05	198.32 11.07 -31.37	198.97 13.95 -8.40	198.73 13.52 -20.36	197.68 12.19 -36.88	148.29 10.35 -0.04	136.28 9.62 -0.04	132.93 7.16 0.00	128.57 7.84 0.00
HOLTSVILLE_IC_9 23698	128.37 6.23 0.00	122.90 7.61 0.00	117.43 6.86 0.00	116.25 7.00 0.00	121.32 6.43 0.00	118.59 6.07 0.00	121.46 6.33 0.00	126.00 5.88 0.00	126.01 5.66 0.00	127.24 5.71 0.00	130.30 6.91 0.00	131.58 6.97 0.00	138.60 7.84 -0.04	141.95 9.04 -0.04	141.94 8.66 -0.04	208.92 9.16 -63.05	198.32 11.07 -31.37	198.97 13.95 -8.40	198.73 13.52 -20.36	197.68 12.19 -36.88	148.29 10.35 -0.04	136.28 9.62 -0.04	132.93 7.16 0.00	128.57 7.84 0.00
HOMER_HL_115KV_TB2 355744	116.64 -5.50 0.00	110.57 -4.73 0.00	106.37 -4.20 0.00	105.10 -4.15 0.00	109.38 -5.51 0.00	107.12 -5.40 0.00	109.26 -5.87 0.00	114.35 -5.77 0.00	114.70 -5.66 0.00	116.79 -4.74 0.00	118.46 -4.94 0.00	119.37 -5.23 0.00	124.06 -6.67 0.00	124.23 -8.64 0.00	123.52 -9.73 0.00	126.18 -10.53 0.00	144.19 -11.69 0.00	163.56 -13.07 0.00	152.32 -12.53 0.00	135.69 -12.93 0.00	126.73 -11.17 0.00	116.49 -10.13 0.00	116.21 -9.56 0.00	113.84 -6.88 0.00
HOWARD_WT_PWR 323690	119.57 -2.57 0.00	113.57 -1.73 0.00	109.46 -1.11 0.00	108.16 -1.09 0.00	113.17 -1.72 0.00	110.84 -1.68 0.00	113.06 -2.07 0.00	119.03 -1.08 0.00	118.79 -1.57 0.00	120.31 -1.22 0.00	120.93 -2.47 0.00	121.62 -2.99 0.00	126.14 -4.58 0.00	126.62 -6.24 0.00	125.92 -7.33 0.00	128.92 -7.79 0.00	147.77 -8.11 0.00	167.09 -9.54 0.00	155.46 -9.39 0.00	138.36 -10.25 0.00	128.80 -9.11 0.00	118.14 -8.48 0.00	117.71 -8.05 0.00	114.69 -6.03 0.00
HQ_GEN_CEDARS 23644	122.99 0.85 0.00	116.56 1.27 0.00	111.78 1.22 0.00	110.56 1.31 0.00	116.73 1.84 0.00	114.32 1.80 0.00	117.20 2.07 0.00	122.28 2.16 0.00	122.40 2.05 0.00	123.11 1.58 0.00	124.26 0.86 0.00	125.23 0.62 0.00	131.38 0.65 0.00	133.40 0.53 0.00	133.91 0.67 0.00	137.39 0.68 0.00	156.82 0.94 0.00	177.51 0.88 0.00	165.51 0.66 0.00	149.06 0.45 0.00	138.59 0.69 0.00	126.87 0.25 0.00	126.64 0.88 0.00	121.69 0.97 0.00
HQ_GEN_CEDARS_PROXY 323590	123.00 0.86 0.00	116.56 1.27 0.00	111.79 1.22 0.00	110.57 1.32 0.00	116.62 1.73 0.00	114.32 1.79 0.00	117.21 2.07 0.00	121.92 1.80 0.00	122.16 1.81 0.00	122.87 1.34 0.00	124.27 0.87 0.00	125.23 0.63 0.00	131.38 0.66 0.00	133.40 0.53 0.00	133.91 0.67 0.00	137.39 0.69 0.00	156.83 0.94 0.00	177.52 0.89 0.00	165.51 0.66 0.00	149.06 0.45 0.00	138.60 0.69 0.00	126.87 0.25 0.00	126.65 0.89 0.00	121.45 0.73 0.00



HQ_GEN_IMPORT 323601	122.63 0.49 0.00	115.87 0.58 0.00	111.01 0.44 0.00	109.80 0.55 0.00	115.70 0.81 0.00	113.31 0.79 0.00	116.05 0.92 0.00	120.96 0.85 0.00	121.20 0.85 0.00	122.14 0.61 0.00	123.65 0.25 0.00	124.73 0.12 0.00	130.98 0.26 0.00	133.00 0.13 0.00	133.78 0.54 0.00	137.25 0.55 0.00	156.51 0.63 0.00	177.34 0.71 0.00	165.34 0.50 0.00	149.06 0.45 0.00	138.32 0.41 0.00	127.00 0.38 0.00	126.27 0.51 0.00	121.21 0.48 0.00
HQ_GEN_WHEEL 23651	122.63 0.49 0.00	115.87 0.58 0.00	111.01 0.44 0.00	109.80 0.55 0.00	115.70 0.81 0.00	113.31 0.79 0.00	116.05 0.92 0.00	120.96 0.85 0.00	121.20 0.85 0.00	122.14 0.61 0.00	123.65 0.25 0.00	124.73 0.12 0.00	130.98 0.26 0.00	133.00 0.13 0.00	133.78 0.54 0.00	137.25 0.55 0.00	156.51 0.63 0.00	177.34 0.71 0.00	165.34 0.50 0.00	149.06 0.45 0.00	138.32 0.41 0.00	127.00 0.38 0.00	126.27 0.51 0.00	121.21 0.48 0.00
HUDSON AVE_GT_3 23810	126.54 4.40 0.00	119.10 3.80 0.00	114.00 3.43 0.00	112.53 3.28 0.00	117.99 3.10 0.00	115.22 2.70 0.00	118.36 3.22 0.00	122.88 2.76 0.00	123.36 3.01 0.00	124.93 3.40 0.00	127.96 4.57 0.00	129.47 4.86 0.00	136.21 5.49 0.00	139.25 6.38 0.00	139.51 6.26 0.00	142.85 6.15 0.00	162.90 7.01 0.00	185.11 8.48 0.00	172.93 8.08 0.00	156.34 7.73 0.00	144.38 6.48 0.00	132.95 6.33 0.00	131.05 5.28 0.00	125.55 4.83 0.00
HUDSON AVE_GT_4 23540	126.54 4.40 0.00	119.10 3.80 0.00	114.00 3.43 0.00	112.53 3.28 0.00	117.99 3.10 0.00	115.22 2.70 0.00	118.36 3.22 0.00	122.88 2.76 0.00	123.36 3.01 0.00	124.93 3.40 0.00	127.96 4.57 0.00	129.47 4.86 0.00	136.21 5.49 0.00	139.25 6.38 0.00	139.51 6.26 0.00	142.85 6.15 0.00	162.90 7.01 0.00	185.11 8.48 0.00	172.93 8.08 0.00	156.34 7.73 0.00	144.38 6.48 0.00	132.95 6.33 0.00	131.05 5.28 0.00	125.55 4.83 0.00
HUDSON AVE_GT_5 23657	126.54 4.40 0.00	119.10 3.80 0.00	114.00 3.43 0.00	112.53 3.28 0.00	117.99 3.10 0.00	115.22 2.70 0.00	118.36 3.22 0.00	122.88 2.76 0.00	123.36 3.01 0.00	124.93 3.40 0.00	127.96 4.57 0.00	129.47 4.86 0.00	136.21 5.49 0.00	139.25 6.38 0.00	139.51 6.26 0.00	142.85 6.15 0.00	162.90 7.01 0.00	185.11 8.48 0.00	172.93 8.08 0.00	156.34 7.73 0.00	144.38 6.48 0.00	132.95 6.33 0.00	131.05 5.28 0.00	125.55 4.83 0.00
HUDSON_AVE_10 24168	126.05 3.91 0.00	118.52 3.23 0.00	113.44 2.87 0.00	112.09 2.84 0.00	117.53 2.64 0.00	114.88 2.36 0.00	118.01 2.88 0.00	122.52 2.40 0.00	123.00 2.65 0.00	124.57 3.04 0.00	127.47 4.07 0.00	128.97 4.36 0.00	135.69 4.97 0.00	138.71 5.85 0.00	138.97 5.73 0.00	142.31 5.60 0.00	162.43 6.55 0.00	184.58 7.95 0.00	172.43 7.58 0.00	155.90 7.28 0.00	143.83 5.93 0.00	132.44 5.82 0.00	130.79 5.03 0.00	125.19 4.47 0.00
HUDSON___115KV_TB 4 355613	128.74 6.60 0.00	121.40 6.11 0.00	116.21 5.64 0.00	114.60 5.35 0.00	120.52 5.63 0.00	118.15 5.63 0.00	120.54 5.41 0.00	125.40 5.29 0.00	125.05 4.69 0.00	126.02 4.50 0.00	128.46 5.06 0.00	129.59 4.98 0.00	136.21 5.49 0.00	138.85 5.98 0.00	138.71 5.46 0.00	142.99 6.29 0.00	163.37 7.48 0.00	185.11 8.48 0.00	172.93 8.08 0.00	156.20 7.58 0.00	144.80 6.90 0.00	133.08 6.46 0.00	132.43 6.67 0.00	126.64 5.92 0.00
HUNTER MOUNT___DRP 323613	129.71 7.57 0.00	122.33 7.03 0.00	117.09 6.52 0.00	115.37 6.12 0.00	121.44 6.55 0.00	118.93 6.41 0.00	121.35 6.22 0.00	126.12 6.01 0.00	125.53 5.18 0.00	126.39 4.86 0.00	128.83 5.43 0.00	129.96 5.36 0.00	136.61 5.88 0.00	139.38 6.51 0.00	139.37 6.13 0.00	143.67 6.97 0.00	164.30 8.42 0.00	186.17 9.54 0.00	173.75 8.90 0.00	156.94 8.32 0.00	145.62 7.72 0.00	133.84 7.22 0.00	133.31 7.55 0.00	127.24 6.52 0.00
HUNTINGTON_RES_REC 323705	127.15 5.01 0.00	121.86 6.57 0.00	116.54 5.97 0.00	115.25 6.00 0.00	120.40 5.51 0.00	117.70 5.18 0.00	120.54 5.41 0.00	124.93 4.81 0.00	124.93 4.57 0.00	126.26 4.73 0.00	129.08 5.68 0.00	130.34 5.74 0.00	137.11 6.40 0.02	140.55 7.70 0.02	140.55 7.32 0.02	116.64 7.93 27.99	151.47 9.51 13.92	185.26 12.36 3.73	167.68 11.88 9.04	142.95 10.71 16.37	146.84 8.96 0.02	134.96 8.35 0.02	131.68 5.91 0.00	127.36 6.64 0.00
HUNTLEY___63 23557	112.86 -9.28 0.00	107.22 -8.07 0.00	103.93 -6.63 0.00	102.15 -7.10 0.00	105.93 -8.96 0.00	104.08 -8.44 0.00	106.15 -8.98 0.00	110.27 -9.85 0.00	110.73 -9.63 0.00	112.90 -8.63 0.00	114.51 -8.88 0.00	115.39 -9.22 0.00	119.74 -10.98 0.00	119.45 -13.42 0.00	118.59 -14.66 0.00	120.43 -16.27 0.00	137.18 -18.71 0.00	155.61 -21.02 0.00	144.90 -19.95 0.00	129.00 -19.62 0.00	120.94 -16.96 0.00	111.43 -15.19 0.00	111.55 -14.21 0.00	110.34 -10.38 0.00
HUNTLEY___64 23558	112.86 -9.28 0.00	107.22 -8.07 0.00	103.93 -6.63 0.00	102.15 -7.10 0.00	105.93 -8.96 0.00	104.08 -8.44 0.00	106.15 -8.98 0.00	110.27 -9.85 0.00	110.73 -9.63 0.00	112.90 -8.63 0.00	114.51 -8.88 0.00	115.39 -9.22 0.00	119.74 -10.98 0.00	119.45 -13.42 0.00	118.59 -14.66 0.00	120.43 -16.27 0.00	137.18 -18.71 0.00	155.61 -21.02 0.00	144.90 -19.95 0.00	129.00 -19.62 0.00	120.94 -16.96 0.00	111.43 -15.19 0.00	111.55 -14.21 0.00	110.34 -10.38 0.00
HUNTLEY___65 23559	112.86 -9.28 0.00	107.22 -8.07 0.00	103.93 -6.63 0.00	102.15 -7.10 0.00	105.93 -8.96 0.00	104.08 -8.44 0.00	106.15 -8.98 0.00	110.27 -9.85 0.00	110.73 -9.63 0.00	112.90 -8.63 0.00	114.51 -8.88 0.00	115.39 -9.22 0.00	119.74 -10.98 0.00	119.45 -13.42 0.00	118.59 -14.66 0.00	120.43 -16.27 0.00	137.18 -18.71 0.00	155.61 -21.02 0.00	144.90 -19.95 0.00	129.00 -19.62 0.00	120.94 -16.96 0.00	111.43 -15.19 0.00	111.55 -14.21 0.00	110.34 -10.38 0.00
HUNTLEY___66 23560	112.86 -9.28 0.00	107.22 -8.07 0.00	103.93 -6.63 0.00	102.15 -7.10 0.00	105.93 -8.96 0.00	104.08 -8.44 0.00	106.15 -8.98 0.00	110.27 -9.85 0.00	110.73 -9.63 0.00	112.90 -8.63 0.00	114.51 -8.88 0.00	115.39 -9.22 0.00	119.74 -10.98 0.00	119.45 -13.42 0.00	118.59 -14.66 0.00	120.43 -16.27 0.00	137.18 -18.71 0.00	155.61 -21.02 0.00	144.90 -19.95 0.00	129.00 -19.62 0.00	120.94 -16.96 0.00	111.43 -15.19 0.00	111.55 -14.21 0.00	110.34 -10.38 0.00
HUNTLEY___67 23561	113.71 -8.43 0.00	107.91 -7.38 0.00	103.93 -6.63 0.00	102.59 -6.66 0.00	106.62 -8.27 0.00	104.64 -7.88 0.00	106.61 -8.52 0.00	111.35 -8.77 0.00	111.81 -8.55 0.00	113.87 -7.66 0.00	115.50 -7.90 0.00	116.38 -8.22 0.00	120.79 -9.93 0.00	120.51 -12.36 0.00	119.65 -13.59 0.00	121.53 -15.17 0.00	138.58 -17.30 0.00	157.02 -19.61 0.00	146.22 -18.63 0.00	130.19 -18.43 0.00	122.04 -15.86 0.00	112.44 -14.18 0.00	112.43 -13.33 0.00	111.07 -9.66 0.00
HUNTLEY___68 23562	113.71 -8.43 0.00	107.91 -7.38 0.00	103.93 -6.63 0.00	102.59 -6.66 0.00	106.62 -8.27 0.00	104.64 -7.88 0.00	106.61 -8.52 0.00	111.35 -8.77 0.00	111.81 -8.55 0.00	113.87 -7.66 0.00	115.50 -7.90 0.00	116.38 -8.22 0.00	120.79 -9.93 0.00	120.51 -12.36 0.00	119.65 -13.59 0.00	121.53 -15.17 0.00	138.58 -17.30 0.00	157.02 -19.61 0.00	146.22 -18.63 0.00	130.19 -18.43 0.00	122.04 -15.86 0.00	112.44 -14.18 0.00	112.43 -13.33 0.00	111.07 -9.66 0.00



HYLAND___LFGE 323620	119.34 -2.80 0.00	112.99 -2.30 0.00	108.36 -2.21 0.00	107.29 -1.96 0.00	112.13 -2.76 0.00	109.59 -2.93 0.00	112.49 -2.64 0.00	118.55 -1.56 0.00	118.31 -2.05 0.00	119.58 -1.95 0.00	113.90 -9.50 0.00	114.52 -10.09 0.00	119.22 -11.50 0.00	119.71 -13.16 0.00	119.52 -13.72 0.00	122.90 -13.80 0.00	141.70 -14.18 0.00	160.21 -16.42 0.00	149.02 -15.83 0.00	134.80 -13.82 0.00	125.49 -12.41 0.00	115.22 -11.40 0.00	114.20 -11.57 0.00	116.74 -3.98 0.00
INDECK___CORINTH 23802	131.54 9.41 0.00	123.94 8.65 0.00	118.75 8.18 0.00	117.01 7.76 0.00	123.39 8.50 0.00	120.96 8.44 0.00	123.31 8.18 0.00	128.77 8.65 0.00	128.65 8.30 0.00	130.03 8.50 0.00	132.29 8.89 0.00	133.58 8.98 0.00	140.65 9.93 0.00	142.56 9.69 0.00	142.71 9.46 0.00	147.23 10.53 0.00	167.89 12.00 0.00	190.41 13.79 0.00	177.71 12.87 0.00	160.51 11.89 0.00	149.21 11.31 0.00	136.62 10.00 0.00	135.45 9.68 0.00	129.78 9.06 0.00
INDECK___ILION 23567	125.19 3.05 0.00	118.18 2.88 0.00	113.55 2.99 0.00	112.31 3.06 0.00	118.11 3.22 0.00	115.67 3.15 0.00	118.47 3.34 0.00	123.72 3.60 0.00	123.96 3.61 0.00	125.42 3.89 0.00	127.47 4.07 0.00	128.72 4.11 0.00	135.17 4.44 0.00	137.25 4.38 0.00	137.51 4.26 0.00	141.08 4.37 0.00	160.72 4.83 0.00	182.10 5.48 0.00	169.96 5.11 0.00	153.07 4.46 0.00	141.90 4.00 0.00	130.17 3.55 0.00	129.29 3.52 0.00	123.98 3.26 0.00
INDECK___OLEAN 23982	116.65 -5.49 0.00	110.56 -4.73 0.00	106.59 -3.98 0.00	105.10 -4.15 0.00	109.61 -5.28 0.00	107.12 -5.40 0.00	109.26 -5.87 0.00	114.71 -5.40 0.00	114.82 -5.53 0.00	116.79 -4.74 0.00	118.33 -5.06 0.00	119.38 -5.23 0.00	123.92 -6.80 0.00	124.23 -8.63 0.00	123.52 -9.72 0.00	126.18 -10.52 0.00	144.19 -11.69 0.00	163.56 -13.07 0.00	152.31 -12.54 0.00	135.68 -12.93 0.00	126.74 -11.17 0.00	116.99 -9.63 0.00	116.46 -9.31 0.00	113.97 -6.76 0.00
INDECK___OSWEGO 23783	116.77 -5.37 0.00	110.22 -5.07 0.00	105.71 -4.86 0.00	104.45 -4.80 0.00	109.72 -5.17 0.00	107.46 -5.06 0.00	109.95 -5.18 0.00	115.08 -5.04 0.00	115.41 -4.94 0.00	116.54 -4.99 0.00	118.46 -4.94 0.00	119.75 -4.86 0.00	125.36 -5.37 0.00	127.29 -5.58 0.00	127.38 -5.86 0.00	130.69 -6.01 0.00	149.03 -6.86 0.00	168.86 -7.77 0.00	157.60 -7.25 0.00	141.78 -6.83 0.00	131.70 -6.20 0.00	120.92 -5.70 0.00	120.23 -5.53 0.00	115.42 -5.31 0.00
INDECK___YERKES 23781	112.74 -9.40 0.00	107.22 -8.07 0.00	103.49 -7.08 0.00	102.15 -7.10 0.00	106.51 -8.38 0.00	104.08 -8.44 0.00	106.03 -9.10 0.00	110.50 -9.61 0.00	110.61 -9.74 0.00	112.90 -8.63 0.00	114.40 -9.00 0.00	115.26 -9.35 0.00	119.48 -11.24 0.00	119.31 -13.55 0.00	118.45 -14.79 0.00	120.29 -16.41 0.00	137.18 -18.71 0.00	155.43 -21.20 0.00	144.73 -20.12 0.00	128.85 -19.77 0.00	120.80 -17.10 0.00	112.44 -14.18 0.00	111.93 -13.83 0.00	110.46 -10.26 0.00
INDIAN POINT_GT_1 24139	125.80 3.66 0.00	118.52 3.23 0.00	113.44 2.87 0.00	112.09 2.84 0.00	117.65 2.76 0.00	114.88 2.36 0.00	117.90 2.76 0.00	122.40 2.28 0.00	122.76 2.41 0.00	124.08 2.55 0.00	127.10 3.70 0.00	128.59 3.99 0.00	135.17 4.44 0.00	138.05 5.18 0.00	138.31 5.06 0.00	141.90 5.19 0.00	161.81 5.92 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.15 6.54 0.00	143.42 5.52 0.00	131.94 5.32 0.00	130.17 4.40 0.00	124.59 3.86 0.00
INDIAN POINT_GT_2 23659	125.80 3.66 0.00	118.52 3.23 0.00	113.44 2.87 0.00	112.09 2.84 0.00	117.65 2.76 0.00	114.88 2.36 0.00	117.90 2.76 0.00	122.40 2.28 0.00	122.76 2.41 0.00	124.08 2.55 0.00	127.10 3.70 0.00	128.59 3.99 0.00	135.17 4.44 0.00	138.05 5.18 0.00	138.31 5.06 0.00	141.90 5.19 0.00	161.81 5.92 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.15 6.54 0.00	143.42 5.52 0.00	131.94 5.32 0.00	130.17 4.40 0.00	124.59 3.86 0.00
INDIAN POINT_GT_3 24019	125.80 3.66 0.00	118.52 3.23 0.00	113.44 2.87 0.00	112.09 2.84 0.00	117.65 2.76 0.00	114.88 2.36 0.00	117.90 2.76 0.00	122.40 2.28 0.00	122.76 2.41 0.00	124.08 2.55 0.00	127.10 3.70 0.00	128.59 3.99 0.00	135.17 4.44 0.00	138.05 5.18 0.00	138.31 5.06 0.00	141.90 5.19 0.00	161.81 5.92 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.15 6.54 0.00	143.42 5.52 0.00	131.94 5.32 0.00	130.17 4.40 0.00	124.59 3.86 0.00
INDIAN POINT___2 23530	125.55 3.42 0.00	118.29 2.99 0.00	113.22 2.65 0.00	111.87 2.62 0.00	117.31 2.42 0.00	114.65 2.13 0.00	117.66 2.53 0.00	122.39 2.28 0.00	122.76 2.41 0.00	124.08 2.56 0.00	126.85 3.45 0.00	128.22 3.62 0.00	134.90 4.18 0.00	137.79 4.92 0.00	138.03 4.79 0.00	141.48 4.78 0.00	161.49 5.60 0.00	183.51 6.88 0.00	171.45 6.60 0.00	154.86 6.24 0.00	143.14 5.24 0.00	131.55 4.93 0.00	129.91 4.14 0.00	124.47 3.75 0.00
INDIAN POINT___3 23531	125.56 3.42 0.00	118.41 3.11 0.00	113.33 2.76 0.00	111.98 2.73 0.00	117.42 2.53 0.00	114.77 2.25 0.00	117.78 2.65 0.00	122.40 2.28 0.00	122.64 2.29 0.00	124.08 2.55 0.00	126.98 3.58 0.00	128.47 3.86 0.00	134.91 4.18 0.00	137.92 5.05 0.00	138.17 4.93 0.00	141.62 4.92 0.00	161.65 5.77 0.00	183.69 7.07 0.00	171.44 6.59 0.00	155.01 6.39 0.00	143.14 5.24 0.00	131.68 5.06 0.00	130.04 4.28 0.00	124.47 3.74 0.00
INGHAM_C_115KV_TB7 356103	128.74 6.60 0.00	121.63 6.34 0.00	116.87 6.30 0.00	115.70 6.45 0.00	121.78 6.89 0.00	119.38 6.86 0.00	122.27 7.14 0.00	127.80 7.69 0.00	128.18 7.82 0.00	129.55 8.02 0.00	131.79 8.39 0.00	133.08 8.47 0.00	139.61 8.89 0.00	141.77 8.90 0.00	141.91 8.66 0.00	145.59 8.89 0.00	165.86 9.98 0.00	187.93 11.30 0.00	175.23 10.39 0.00	157.68 9.07 0.00	146.18 8.27 0.00	133.96 7.34 0.00	133.06 7.29 0.00	127.61 6.88 0.00
IP CORINTH___1 23988	131.54 9.40 0.00	123.94 8.65 0.00	118.75 8.18 0.00	117.01 7.76 0.00	123.39 8.50 0.00	120.96 8.44 0.00	123.31 8.17 0.00	128.64 8.53 0.00	128.66 8.30 0.00	130.04 8.51 0.00	132.28 8.88 0.00	133.58 8.97 0.00	140.66 9.93 0.00	142.57 9.70 0.00	142.70 9.46 0.00	147.23 10.53 0.00	167.89 12.00 0.00	190.40 13.78 0.00	177.71 12.86 0.00	160.36 11.74 0.00	149.21 11.31 0.00	136.62 10.00 0.00	135.45 9.68 0.00	129.66 8.93 0.00
IP___TICONDEROGA 23804	136.19 14.05 0.00	128.32 13.03 0.00	122.73 12.16 0.00	120.61 11.36 0.00	127.64 12.75 0.00	125.35 12.83 0.00	127.45 12.32 0.00	133.09 12.97 0.00	132.87 12.52 0.00	134.17 12.64 0.00	136.48 13.08 0.00	137.69 13.08 0.00	145.23 14.51 0.00	147.22 14.35 0.00	147.24 13.99 0.00	152.42 15.72 0.00	174.28 18.39 0.00	197.82 21.20 0.00	184.63 19.78 0.00	166.60 17.98 0.00	154.86 16.96 0.00	141.43 14.81 0.00	140.10 14.34 0.00	134.00 13.28 0.00
ISLIP_RES_REC 323679	128.85 6.71 0.00	123.36 8.07 0.00	117.86 7.30 0.00	116.68 7.43 0.00	121.78 6.89 0.00	118.93 6.41 0.00	121.92 6.79 0.00	126.36 6.24 0.00	126.37 6.02 0.00	127.72 6.19 0.00	130.80 7.40 0.00	132.21 7.60 0.00	139.13 8.37 -0.03	142.47 9.57 -0.03	142.47 9.19 -0.03	202.48 9.71 -56.07	195.48 11.70 -27.89	198.93 14.84 -7.47	197.29 14.33 -18.11	194.34 12.92 -32.80	148.83 10.89 -0.03	136.79 10.13 -0.03	133.44 7.67 0.00	129.05 8.32 0.00



JAMAICA__27_KV_LOAD 355505	125.56 3.42 0.00	117.83 2.54 0.00	112.78 2.21 0.00	111.76 2.51 0.00	116.73 1.84 0.00	114.55 2.03 0.00	118.24 3.11 0.00	122.76 2.64 0.00	123.36 3.01 0.00	125.05 3.52 0.00	126.85 3.46 0.00	128.47 3.86 0.00	135.17 4.44 0.00	138.32 5.45 0.00	138.71 5.46 0.00	142.03 5.33 0.00	162.28 6.39 0.00	184.58 7.95 0.00	172.60 7.75 0.00	156.05 7.43 0.00	143.83 5.93 0.00	132.32 5.70 0.00	131.30 5.53 0.00	125.19 4.47 0.00
JANIS__SOLAR 323808	126.29 4.16 0.00	119.33 4.03 0.00	114.54 3.97 0.00	113.29 4.04 0.00	118.80 3.91 0.00	116.46 3.94 0.00	119.27 4.14 0.00	125.76 5.65 0.00	125.89 5.54 0.00	126.75 5.22 0.00	128.34 4.94 0.00	129.72 5.11 0.00	135.56 4.84 0.00	137.39 4.52 0.00	137.38 4.14 0.00	141.35 4.65 0.00	162.13 6.24 0.00	183.70 7.07 0.00	171.27 6.42 0.00	153.67 5.06 0.00	142.73 4.82 0.00	130.04 3.42 0.00	129.53 3.77 0.00	124.10 3.38 0.00
JARVIS____ 23743	122.63 0.49 0.00	115.76 0.46 0.00	111.01 0.44 0.00	109.69 0.44 0.00	115.35 0.46 0.00	112.97 0.45 0.00	115.48 0.35 0.00	120.60 0.48 0.00	120.84 0.48 0.00	122.02 0.49 0.00	124.02 0.62 0.00	125.36 0.75 0.00	131.51 0.79 0.00	133.67 0.80 0.00	133.91 0.67 0.00	137.39 0.69 0.00	156.51 0.63 0.00	177.34 0.71 0.00	165.68 0.83 0.00	149.36 0.75 0.00	138.46 0.55 0.00	127.13 0.51 0.00	126.40 0.63 0.00	121.33 0.61 0.00
JENNISON____1 23625	126.78 4.64 0.00	119.67 4.38 0.00	114.88 4.31 0.00	113.84 4.59 0.00	119.26 4.37 0.00	116.91 4.39 0.00	119.85 4.72 0.00	126.12 6.01 0.00	126.37 6.02 0.00	127.60 6.08 0.00	129.57 6.17 0.00	130.84 6.23 0.00	137.00 6.27 0.00	138.85 5.98 0.00	138.84 5.60 0.00	142.72 6.01 0.00	163.37 7.48 0.00	185.11 8.48 0.00	172.60 7.75 0.00	155.01 6.39 0.00	143.83 5.93 0.00	130.55 3.93 0.00	130.04 4.28 0.00	124.35 3.62 0.00
JENNISON____2 23626	126.78 4.64 0.00	119.67 4.38 0.00	114.88 4.31 0.00	113.84 4.59 0.00	119.26 4.37 0.00	116.91 4.39 0.00	119.85 4.72 0.00	126.12 6.01 0.00	126.37 6.02 0.00	127.60 6.08 0.00	129.57 6.17 0.00	130.84 6.23 0.00	137.00 6.27 0.00	138.85 5.98 0.00	138.84 5.60 0.00	142.72 6.01 0.00	163.37 7.48 0.00	185.11 8.48 0.00	172.60 7.75 0.00	155.01 6.39 0.00	143.83 5.93 0.00	130.55 3.93 0.00	130.04 4.28 0.00	124.35 3.62 0.00
JERICOHO_RISE_WT_PWR 323719	122.14 0.00 0.00	115.64 0.35 0.00	111.12 0.56 0.00	110.12 0.87 0.00	116.27 1.38 0.00	114.09 1.57 0.00	116.97 1.84 0.00	121.56 1.45 0.00	121.43 1.08 0.00	122.38 0.86 0.00	123.65 0.25 0.00	124.73 0.12 0.00	130.98 0.26 0.00	133.00 0.13 0.00	133.78 0.54 0.00	137.25 0.55 0.00	156.67 0.78 0.00	177.34 0.71 0.00	165.18 0.33 0.00	149.06 0.45 0.00	138.46 0.55 0.00	126.87 0.25 0.00	126.14 0.38 0.00	120.72 0.00 0.00
KATONAH__115KV_46KV_TB4 355592	127.15 5.01 0.00	119.79 4.50 0.00	114.66 4.09 0.00	113.18 3.93 0.00	118.80 3.91 0.00	116.12 3.60 0.00	119.05 3.91 0.00	123.60 3.48 0.00	123.84 3.49 0.00	125.17 3.65 0.00	128.21 4.81 0.00	129.72 5.11 0.00	136.47 5.75 0.00	139.51 6.64 0.00	139.64 6.40 0.00	143.26 6.56 0.00	163.52 7.64 0.00	185.99 9.36 0.00	173.58 8.74 0.00	156.79 8.17 0.00	144.80 6.90 0.00	133.08 6.46 0.00	131.42 5.66 0.00	125.43 4.71 0.00
KCE_NY_1 323755	129.71 7.58 0.00	122.33 7.03 0.00	117.20 6.63 0.00	115.47 6.22 0.00	121.67 6.78 0.00	119.27 6.75 0.00	121.69 6.56 0.00	126.84 6.72 0.00	126.85 6.49 0.00	128.21 6.68 0.00	130.43 7.03 0.00	131.58 6.97 0.00	138.57 7.84 0.00	140.84 7.97 0.00	141.10 7.86 0.00	145.32 8.62 0.00	165.71 9.83 0.00	187.94 11.31 0.00	175.56 10.71 0.00	158.42 9.81 0.00	147.00 9.10 0.00	134.85 8.23 0.00	133.56 7.80 0.00	128.09 7.37 0.00
KCE_NY_6_ESR 323823	115.42 -6.72 0.00	109.65 -5.65 0.00	105.71 -4.86 0.00	104.23 -5.02 0.00	108.68 -6.21 0.00	106.22 -6.30 0.00	108.34 -6.79 0.00	113.39 -6.72 0.00	113.50 -6.86 0.00	115.70 -5.83 0.00	117.23 -6.17 0.00	118.12 -6.48 0.00	122.49 -8.23 0.00	122.50 -10.36 0.00	121.52 -11.73 0.00	123.71 -12.99 0.00	141.07 -14.81 0.00	159.84 -16.78 0.00	148.86 -15.99 0.00	132.56 -16.05 0.00	124.11 -13.79 0.00	115.22 -11.40 0.00	114.82 -10.94 0.00	112.88 -7.85 0.00
KEDC PORT_JEFF_GT2 24210	128.12 5.98 0.00	122.68 7.39 0.00	117.20 6.63 0.00	116.03 6.78 0.00	121.09 6.20 0.00	118.37 5.85 0.00	121.23 6.10 0.00	125.76 5.65 0.00	125.77 5.42 0.00	127.12 5.59 0.00	130.18 6.78 0.00	131.46 6.85 0.00	138.34 7.58 -0.04	141.81 8.90 -0.04	141.82 8.54 -0.04	215.96 9.16 -70.10	201.67 10.91 -34.87	199.38 13.42 -9.33	200.35 12.87 -22.64	201.36 11.74 -41.00	148.15 10.20 -0.04	136.16 9.50 -0.04	132.68 6.91 0.00	128.34 7.61 0.00
KEDC PORT_JEFF_GT3 24211	128.12 5.98 0.00	122.68 7.39 0.00	117.20 6.63 0.00	116.03 6.78 0.00	121.09 6.20 0.00	118.37 5.85 0.00	121.23 6.10 0.00	125.76 5.65 0.00	125.77 5.42 0.00	127.12 5.59 0.00	130.18 6.78 0.00	131.46 6.85 0.00	138.34 7.58 -0.04	141.81 8.90 -0.04	141.82 8.54 -0.04	215.96 9.16 -70.10	201.67 10.91 -34.87	199.38 13.42 -9.33	200.35 12.87 -22.64	201.36 11.74 -41.00	148.15 10.20 -0.04	136.16 9.50 -0.04	132.68 6.91 0.00	128.34 7.61 0.00
KEDC_GLWD_GT4 24219	127.03 4.89 0.00	120.36 5.07 0.00	115.21 4.64 0.00	113.84 4.59 0.00	119.25 4.36 0.00	116.46 3.94 0.00	119.51 4.37 0.00	124.07 3.96 0.00	124.32 3.97 0.00	125.78 4.25 0.00	128.96 5.56 0.00	130.22 5.61 0.00	137.00 6.27 0.00	140.17 7.30 0.00	140.17 6.92 0.00	143.94 7.24 0.00	164.45 8.57 0.00	187.22 10.60 0.00	175.07 10.22 0.00	158.14 9.52 0.00	145.90 8.00 0.00	134.09 7.47 0.00	131.55 5.79 0.00	126.52 5.79 0.00
KEDC_GLWD_GT5 24220	127.03 4.89 0.00	120.36 5.07 0.00	115.21 4.64 0.00	113.84 4.59 0.00	119.25 4.36 0.00	116.46 3.94 0.00	119.51 4.37 0.00	124.07 3.96 0.00	124.32 3.97 0.00	125.78 4.25 0.00	128.96 5.56 0.00	130.22 5.61 0.00	137.00 6.27 0.00	140.17 7.30 0.00	140.17 6.92 0.00	143.94 7.24 0.00	164.45 8.57 0.00	187.22 10.60 0.00	175.07 10.22 0.00	158.14 9.52 0.00	145.90 8.00 0.00	134.09 7.47 0.00	131.55 5.79 0.00	126.52 5.79 0.00
KENSICO____ 23655	126.17 4.03 0.00	118.87 3.57 0.00	113.78 3.21 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.22 2.70 0.00	118.24 3.11 0.00	122.88 2.76 0.00	123.24 2.89 0.00	124.57 3.04 0.00	127.59 4.20 0.00	129.09 4.49 0.00	135.69 4.97 0.00	138.58 5.71 0.00	138.84 5.60 0.00	142.31 5.60 0.00	162.43 6.55 0.00	184.58 7.95 0.00	172.43 7.58 0.00	155.75 7.13 0.00	143.83 5.93 0.00	132.32 5.70 0.00	130.67 4.90 0.00	125.07 4.35 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	127.51 5.37 0.00	120.02 4.73 0.00	114.88 4.31 0.00	113.40 4.15 0.00	119.03 4.14 0.00	116.35 3.83 0.00	119.39 4.26 0.00	124.08 3.96 0.00	123.72 3.37 0.00	124.69 3.16 0.00	127.59 4.20 0.00	128.97 4.36 0.00	135.56 4.84 0.00	138.58 5.71 0.00	139.11 5.86 0.00	142.99 6.29 0.00	163.68 7.79 0.00	185.99 9.36 0.00	173.58 8.74 0.00	156.64 8.03 0.00	145.07 7.17 0.00	133.20 6.58 0.00	131.80 6.04 0.00	125.55 4.83 0.00



KIAC_JFK_GT1 23816	124.34 2.20 0.00	116.68 1.38 0.00	111.67 1.11 0.00	111.11 1.86 0.00	115.69 0.80 0.00	113.42 0.90 0.00	117.09 1.96 0.00	121.56 1.44 0.00	122.16 1.81 0.00	123.84 2.31 0.00	125.62 2.22 0.00	127.22 2.62 0.00	133.86 3.14 0.00	136.99 4.12 0.00	137.38 4.13 0.00	140.67 3.96 0.00	160.72 4.83 0.00	182.81 6.18 0.00	170.95 6.10 0.00	154.56 5.94 0.00	142.45 4.55 0.00	131.05 4.43 0.00	130.04 4.28 0.00	123.98 3.26 0.00
KIAC_JFK_GT2 23817	124.34 2.20 0.00	116.68 1.38 0.00	111.67 1.11 0.00	111.11 1.86 0.00	115.69 0.80 0.00	113.42 0.90 0.00	117.09 1.96 0.00	121.56 1.44 0.00	122.16 1.81 0.00	123.84 2.31 0.00	125.62 2.22 0.00	127.22 2.62 0.00	133.86 3.14 0.00	136.99 4.12 0.00	137.38 4.13 0.00	140.67 3.96 0.00	160.72 4.83 0.00	182.81 6.18 0.00	170.95 6.10 0.00	154.56 5.94 0.00	142.45 4.55 0.00	131.05 4.43 0.00	130.04 4.28 0.00	123.98 3.26 0.00
KIAC_JFK____ 323774	124.34 2.20 0.00	116.68 1.39 0.00	111.67 1.11 0.01	110.67 1.42 0.00	115.69 0.81 0.01	113.42 0.90 0.00	117.09 1.96 0.00	121.67 1.56 0.00	122.40 2.04 0.00	124.08 2.56 0.00	125.74 2.34 0.00	127.10 2.49 0.00	133.85 3.13 0.00	136.99 4.12 0.00	137.38 4.14 0.00	140.67 3.97 0.00	160.72 4.84 0.00	182.81 6.18 0.00	170.95 6.10 0.00	154.57 5.95 0.00	142.45 4.54 0.00	130.93 4.31 0.00	129.91 4.14 0.00	124.10 3.38 0.00
KINTIGH__24_KV_GSU 356498	113.71 -8.43 0.00	107.80 -7.49 0.00	103.71 -6.86 0.00	102.37 -6.88 0.00	106.96 -7.93 0.00	104.64 -7.88 0.00	106.84 -8.29 0.00	111.94 -8.17 0.00	112.17 -8.19 0.00	114.24 -7.29 0.00	115.75 -7.65 0.00	116.76 -7.85 0.00	121.31 -9.41 0.00	121.44 -11.43 0.00	120.86 -12.39 0.00	122.90 -13.80 0.00	139.67 -16.22 0.00	157.90 -18.73 0.00	147.04 -17.81 0.00	131.23 -17.39 0.00	123.28 -14.62 0.00	114.46 -12.16 0.00	113.81 -11.95 0.00	111.43 -9.29 0.00
KINTIGH____ 23543	113.59 -8.55 0.00	107.80 -7.49 0.00	103.71 -6.86 0.00	102.37 -6.88 0.00	106.62 -8.27 0.00	104.53 -7.99 0.00	106.73 -8.40 0.00	111.71 -8.41 0.00	112.17 -8.18 0.00	114.12 -7.41 0.00	115.87 -7.53 0.00	116.76 -7.85 0.00	121.44 -9.28 0.00	121.44 -11.43 0.00	120.72 -12.52 0.00	122.76 -13.94 0.00	139.67 -16.21 0.00	158.08 -18.55 0.00	147.21 -17.64 0.00	131.38 -17.24 0.00	123.28 -14.62 0.00	113.58 -13.04 0.00	113.31 -12.45 0.00	111.31 -9.42 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	123.48 1.34 0.00	116.56 1.27 0.00	112.12 1.55 0.00	111.11 1.86 0.00	117.42 2.53 0.00	115.11 2.59 0.00	118.13 2.99 0.00	122.52 2.40 0.00	122.88 2.53 0.00	122.74 1.22 0.00	124.02 0.62 0.00	125.11 0.50 0.00	131.64 0.92 0.00	133.53 0.66 0.00	134.31 1.07 0.00	137.80 1.09 0.00	157.60 1.71 0.00	178.57 1.94 0.00	166.17 1.32 0.00	149.80 1.19 0.00	139.28 1.38 0.00	127.38 0.76 0.00	126.52 0.75 0.00	122.05 1.33 0.00
LACHUTE____HYDRO 323717	136.18 14.04 0.00	128.32 13.02 0.00	122.73 12.16 0.00	120.61 11.36 0.00	127.64 12.75 0.00	125.34 12.82 0.00	127.46 12.33 0.00	133.09 12.98 0.00	132.99 12.63 0.00	134.29 12.76 0.00	136.47 13.07 0.00	137.57 12.96 0.00	145.23 14.51 0.00	147.22 14.35 0.00	147.23 13.99 0.00	152.42 15.71 0.00	174.27 18.39 0.00	197.81 21.19 0.00	184.62 19.77 0.00	166.59 17.98 0.00	154.86 16.96 0.00	141.43 14.81 0.00	140.10 14.33 0.00	134.00 13.28 0.00
LAWRNCALV_115KV_TB1 80681	122.26 0.12 0.00	116.10 0.81 0.00	111.45 0.88 0.00	110.34 1.09 0.00	116.50 1.61 0.00	114.21 1.69 0.00	116.97 1.84 0.00	122.16 2.04 0.00	122.28 1.93 0.00	122.99 1.46 0.00	124.26 0.86 0.00	124.86 0.25 0.00	130.59 -0.13 0.00	132.34 -0.53 0.00	132.58 -0.67 0.00	136.02 -0.68 0.00	155.26 -0.62 0.00	175.74 -0.88 0.00	163.69 -1.15 0.00	147.43 -1.19 0.00	136.94 -0.97 0.00	125.23 -1.39 0.00	125.76 0.00 0.00	120.97 0.24 0.00
LEDERLE____ 23769	125.80 3.66 0.00	118.64 3.34 0.00	113.55 2.99 0.00	112.09 2.84 0.00	117.65 2.76 0.00	115.00 2.48 0.00	117.90 2.76 0.00	122.52 2.40 0.00	122.76 2.41 0.00	124.08 2.55 0.00	126.98 3.58 0.00	128.47 3.86 0.00	135.04 4.31 0.00	138.05 5.18 0.00	138.31 5.06 0.00	141.90 5.19 0.00	161.97 6.08 0.00	184.05 7.42 0.00	171.77 6.92 0.00	155.30 6.69 0.00	143.56 5.65 0.00	131.94 5.32 0.00	130.29 4.53 0.00	124.59 3.86 0.00
LIGHTHSE_115KV_TB6 355974	119.45 -2.69 0.00	112.76 -2.54 0.00	108.14 -2.43 0.00	106.96 -2.29 0.00	112.48 -2.41 0.00	110.04 -2.48 0.00	112.71 -2.42 0.00	118.19 -1.92 0.00	118.43 -1.93 0.00	119.71 -1.82 0.00	121.79 -1.60 0.00	122.99 -1.62 0.00	128.89 -1.83 0.00	130.74 -2.13 0.00	130.58 -2.66 0.00	134.24 -2.46 0.00	153.08 -2.81 0.00	173.45 -3.18 0.00	161.72 -3.13 0.00	145.20 -3.42 0.00	134.87 -3.03 0.00	123.33 -3.29 0.00	123.37 -2.39 0.00	118.43 -2.29 0.00
LINDEN COGEN____ 23786	125.55 3.42 0.00	118.18 2.88 0.00	113.11 2.55 0.00	111.76 2.51 0.00	117.19 2.30 0.00	114.55 2.03 0.00	117.66 2.53 0.00	122.28 2.16 0.00	122.76 2.41 0.00	124.33 2.80 0.00	127.23 3.83 0.00	128.59 3.99 0.00	135.42 4.70 0.00	138.32 5.45 0.00	138.71 5.47 0.00	142.03 5.33 0.00	161.96 6.07 0.00	184.04 7.42 0.00	171.93 7.08 0.00	155.46 6.84 0.00	143.56 5.66 0.00	132.06 5.44 0.00	130.16 4.40 0.00	124.83 4.11 0.00
LINDHRST_69_KV_BK1 356055	128.12 5.98 0.00	122.56 7.26 0.00	117.09 6.52 0.00	115.81 6.56 0.00	121.09 6.20 0.00	118.26 5.74 0.00	121.12 5.99 0.00	125.16 5.04 0.00	125.53 5.18 0.00	126.27 4.74 0.00	129.81 6.42 0.00	131.71 7.10 0.00	138.05 7.32 0.00	141.11 8.24 0.00	141.24 7.99 0.00	148.60 8.34 -3.56	167.94 10.29 -1.77	190.35 13.25 -0.47	178.69 12.69 -1.15	162.14 11.44 -2.08	147.56 9.65 0.00	135.87 9.24 0.00	132.81 7.04 0.00	127.85 7.12 0.00
LIPA_MISC_IPP 23656	128.12 5.98 0.00	122.67 7.38 0.00	117.20 6.63 0.00	116.02 6.77 0.00	121.21 6.32 0.00	118.26 5.74 0.00	121.35 6.22 0.00	125.28 5.17 0.00	125.53 5.18 0.00	126.39 4.86 0.00	129.94 6.54 0.00	131.83 7.23 0.00	138.47 7.71 -0.04	141.94 9.03 -0.04	142.08 8.79 -0.04	211.37 9.30 -65.37	199.47 11.07 -32.52	199.11 13.78 -8.70	199.15 13.19 -21.11	198.59 11.74 -38.24	148.01 10.07 -0.04	136.41 9.75 -0.04	132.68 6.92 0.00	127.85 7.12 0.00
LISF____SOLAR 323691	128.37 6.23 0.00	122.90 7.61 0.00	117.43 6.86 0.00	116.25 7.00 0.00	121.32 6.43 0.00	118.48 5.96 0.00	121.46 6.33 0.00	126.00 5.88 0.00	126.01 5.66 0.00	127.24 5.71 0.00	130.30 6.91 0.00	131.71 7.10 0.00	138.74 7.98 -0.04	142.20 9.30 -0.04	142.35 9.07 -0.04	211.17 9.57 -64.91	199.41 11.23 -32.29	199.57 14.30 -8.64	199.48 13.67 -20.96	199.06 12.49 -37.96	148.42 10.48 -0.04	136.41 9.75 -0.04	132.93 7.16 0.00	128.57 7.84 0.00
LITTLE FALLS____HYD 24013	128.74 6.60 0.00	121.63 6.34 0.00	116.87 6.30 0.00	115.70 6.45 0.00	121.78 6.89 0.00	119.38 6.86 0.00	122.27 7.14 0.00	127.80 7.69 0.00	128.18 7.82 0.00	129.55 8.02 0.00	131.79 8.39 0.00	133.08 8.47 0.00	139.61 8.89 0.00	141.77 8.90 0.00	141.91 8.66 0.00	145.59 8.89 0.00	165.86 9.98 0.00	187.93 11.30 0.00	175.23 10.39 0.00	157.68 9.07 0.00	146.18 8.27 0.00	133.96 7.34 0.00	133.06 7.29 0.00	127.61 6.88 0.00



LITTLRIV_115KV_TB1 356100	123.73 1.59 0.00	117.48 2.19 0.00	112.67 2.10 0.00	111.65 2.40 0.00	117.88 2.99 0.00	115.45 2.93 0.00	118.36 3.22 0.00	123.72 3.60 0.00	123.72 3.37 0.00	124.44 2.92 0.00	125.50 2.10 0.00	126.23 1.62 0.00	132.03 1.31 0.00	133.80 0.93 0.00	134.04 0.80 0.00	137.80 1.09 0.00	157.29 1.40 0.00	178.04 1.41 0.00	166.00 1.15 0.00	149.36 0.74 0.00	138.73 0.83 0.00	126.75 0.13 0.00	127.40 1.63 0.00	122.29 1.57 0.00
LI_NEWBRDGE___DRP 323616	126.29 4.15 0.00	120.60 5.30 0.00	115.32 4.75 0.00	113.95 4.70 0.00	119.26 4.37 0.00	116.46 3.94 0.00	119.39 4.26 0.00	123.36 3.24 0.00	123.72 3.37 0.00	124.69 3.16 0.00	127.96 4.57 0.00	129.84 5.23 0.00	136.21 5.49 0.00	139.51 6.64 0.00	139.51 6.26 0.00	143.40 6.70 0.00	163.84 7.95 0.00	187.05 10.42 0.00	174.90 10.06 0.00	157.83 9.21 0.00	145.49 7.58 0.00	134.09 7.47 0.00	130.92 5.16 0.00	125.92 5.19 0.00
LOCKPORT_115KV_TB60_63_64 80432	113.10 -9.04 0.00	107.57 -7.72 0.00	102.50 -8.07 0.00	102.26 -6.99 0.00	106.27 -8.62 0.00	104.19 -8.33 0.00	106.15 -8.98 0.00	109.91 -10.21 0.00	110.24 -10.11 0.00	112.41 -9.11 0.00	114.02 -9.38 0.00	114.89 -9.72 0.00	119.35 -11.37 0.00	118.92 -13.95 0.00	118.05 -15.19 0.00	119.89 -16.81 0.00	136.56 -19.33 0.00	154.73 -21.90 0.00	144.08 -20.77 0.00	128.40 -20.21 0.00	120.39 -17.51 0.00	110.92 -15.70 0.00	110.92 -14.84 0.00	110.58 -10.14 0.00
LOCKPORT___CC1 323769	112.49 -9.65 0.00	106.99 -8.30 0.00	103.16 -7.41 0.00	101.71 -7.54 0.00	106.15 -8.74 0.00	103.74 -8.78 0.00	105.69 -9.44 0.00	109.79 -10.33 0.00	110.00 -10.35 0.00	112.17 -9.36 0.00	113.65 -9.75 0.00	114.52 -10.09 0.00	118.70 -12.02 0.00	118.52 -14.35 0.00	117.66 -15.59 0.00	119.47 -17.23 0.00	136.09 -19.80 0.00	154.19 -22.44 0.00	143.58 -21.26 0.00	127.81 -20.81 0.00	119.84 -18.06 0.00	111.55 -15.07 0.00	111.05 -14.71 0.00	110.22 -10.50 0.00
LOCKPORT___CC2 323770	112.49 -9.65 0.00	106.99 -8.30 0.00	103.16 -7.41 0.00	101.71 -7.54 0.00	106.15 -8.74 0.00	103.74 -8.78 0.00	105.69 -9.44 0.00	109.79 -10.33 0.00	110.00 -10.35 0.00	112.17 -9.36 0.00	113.65 -9.75 0.00	114.52 -10.09 0.00	118.70 -12.02 0.00	118.52 -14.35 0.00	117.66 -15.59 0.00	119.47 -17.23 0.00	136.09 -19.80 0.00	154.19 -22.44 0.00	143.58 -21.26 0.00	127.81 -20.81 0.00	119.84 -18.06 0.00	111.55 -15.07 0.00	111.05 -14.71 0.00	110.22 -10.50 0.00
LOCKPORT___CC3 323771	112.49 -9.65 0.00	106.99 -8.30 0.00	103.16 -7.41 0.00	101.71 -7.54 0.00	106.15 -8.74 0.00	103.74 -8.78 0.00	105.69 -9.44 0.00	109.79 -10.33 0.00	110.00 -10.35 0.00	112.17 -9.36 0.00	113.65 -9.75 0.00	114.52 -10.09 0.00	118.70 -12.02 0.00	118.52 -14.35 0.00	117.66 -15.59 0.00	119.47 -17.23 0.00	136.09 -19.80 0.00	154.19 -22.44 0.00	143.58 -21.26 0.00	127.81 -20.81 0.00	119.84 -18.06 0.00	111.55 -15.07 0.00	111.05 -14.71 0.00	110.22 -10.50 0.00
LOCUSVLY_69_KV_BK2 55797	127.27 5.13 0.00	121.06 5.76 0.00	115.77 5.20 0.00	114.49 5.24 0.00	119.83 4.94 0.00	117.02 4.50 0.00	119.97 4.84 0.00	124.20 4.08 0.00	124.57 4.21 0.00	125.66 4.13 0.00	129.07 5.68 0.00	130.84 6.23 0.00	137.26 6.54 0.00	140.57 7.71 0.00	140.57 7.33 0.00	144.36 7.66 0.00	164.93 9.04 0.00	188.11 11.48 0.00	175.89 11.04 0.00	158.72 10.11 0.00	146.45 8.55 0.00	134.72 8.10 0.00	131.80 6.04 0.00	126.64 5.92 0.00
LONG_LAKE_PHOENIX 24014	118.35 -3.79 0.00	111.72 -3.57 0.00	107.14 -3.43 0.00	105.86 -3.39 0.00	111.10 -3.79 0.00	108.81 -3.71 0.00	111.33 -3.80 0.00	116.51 -3.60 0.00	116.86 -3.49 0.00	118.13 -3.40 0.00	120.07 -3.33 0.00	121.37 -3.24 0.00	127.06 -3.66 0.00	128.88 -3.99 0.00	128.98 -4.26 0.00	132.19 -4.51 0.00	150.90 -4.99 0.00	170.98 -5.65 0.00	159.57 -5.28 0.00	143.56 -5.05 0.00	133.49 -4.41 0.00	122.44 -4.18 0.00	121.61 -4.15 0.00	116.86 -3.86 0.00
LOVETT___3 23632	125.32 3.18 0.00	118.18 2.88 0.00	113.11 2.54 0.00	111.65 2.40 0.00	117.19 2.30 0.00	114.55 2.03 0.00	117.55 2.42 0.00	122.04 1.92 0.00	122.40 2.05 0.00	123.72 2.19 0.00	126.61 3.21 0.00	128.10 3.49 0.00	134.64 3.92 0.00	137.52 4.65 0.00	137.77 4.53 0.00	141.35 4.65 0.00	161.34 5.46 0.00	183.16 6.54 0.00	171.11 6.26 0.00	154.56 5.94 0.00	142.87 4.96 0.00	131.43 4.81 0.00	129.79 4.02 0.00	124.23 3.50 0.00
LOVETT___4 23642	125.32 3.18 0.00	118.18 2.88 0.00	113.11 2.54 0.00	111.65 2.40 0.00	117.19 2.30 0.00	114.55 2.03 0.00	117.55 2.42 0.00	122.04 1.92 0.00	122.40 2.05 0.00	123.72 2.19 0.00	126.61 3.21 0.00	128.10 3.49 0.00	134.64 3.92 0.00	137.52 4.65 0.00	137.77 4.53 0.00	141.35 4.65 0.00	161.34 5.46 0.00	183.16 6.54 0.00	171.11 6.26 0.00	154.56 5.94 0.00	142.87 4.96 0.00	131.43 4.81 0.00	129.79 4.02 0.00	124.23 3.50 0.00
LOVETT___5 23593	125.32 3.18 0.00	118.18 2.88 0.00	113.11 2.54 0.00	111.65 2.40 0.00	117.19 2.30 0.00	114.55 2.03 0.00	117.55 2.42 0.00	122.04 1.92 0.00	122.40 2.05 0.00	123.72 2.19 0.00	126.61 3.21 0.00	128.10 3.49 0.00	134.64 3.92 0.00	137.52 4.65 0.00	137.77 4.53 0.00	141.35 4.65 0.00	161.34 5.46 0.00	183.16 6.54 0.00	171.11 6.26 0.00	154.56 5.94 0.00	142.87 4.96 0.00	131.43 4.81 0.00	129.79 4.02 0.00	124.23 3.50 0.00
LOWER RAQUET___HYD 24057	122.14 0.00 0.00	115.99 0.70 0.00	111.35 0.78 0.00	110.34 1.09 0.00	116.38 1.49 0.00	114.21 1.69 0.00	116.97 1.84 0.00	121.80 1.68 0.00	122.04 1.68 0.00	122.62 1.09 0.00	124.27 0.87 0.00	124.86 0.25 0.00	130.46 -0.26 0.00	132.08 -0.79 0.00	132.32 -0.93 0.00	135.60 -1.10 0.00	154.80 -1.08 0.00	175.21 -1.42 0.00	163.20 -1.65 0.00	146.98 -1.63 0.00	136.52 -1.38 0.00	124.85 -1.77 0.00	125.51 -0.25 0.00	120.48 -0.24 0.00
LOWER___HUDSON 24059	127.88 5.74 0.00	120.60 5.31 0.00	115.66 5.09 0.00	114.05 4.80 0.00	119.94 5.05 0.00	117.47 4.95 0.00	120.08 4.95 0.00	125.16 5.04 0.00	125.29 4.94 0.00	126.63 5.10 0.00	128.82 5.42 0.00	130.08 5.48 0.00	136.74 6.02 0.00	139.24 6.38 0.00	139.38 6.13 0.00	143.26 6.56 0.00	163.37 7.48 0.00	185.28 8.65 0.00	173.09 8.24 0.00	156.34 7.72 0.00	144.79 6.89 0.00	132.95 6.33 0.00	131.92 6.16 0.00	126.52 5.79 0.00
LOWVILLE_115KV_TB2 356335	122.51 0.37 0.00	115.52 0.23 0.00	111.01 0.44 0.00	110.34 1.09 0.00	116.61 1.72 0.00	115.11 2.59 0.00	117.90 2.76 0.00	123.72 3.60 0.00	123.84 3.49 0.00	125.05 3.52 0.00	127.47 4.07 0.00	128.47 3.86 0.00	134.91 4.18 0.00	136.72 3.85 0.00	136.71 3.46 0.00	140.80 4.10 0.00	160.87 4.99 0.00	181.75 5.12 0.00	169.63 4.78 0.00	150.99 2.38 0.00	139.83 1.93 0.00	127.51 0.89 0.00	129.54 3.77 0.00	123.74 3.02 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	129.59 7.45 0.00	122.21 6.92 0.00	117.09 6.52 0.00	115.48 6.23 0.00	121.55 6.66 0.00	119.16 6.64 0.00	121.58 6.45 0.00	126.72 6.61 0.00	126.73 6.38 0.00	127.97 6.44 0.00	130.31 6.91 0.00	131.58 6.98 0.00	138.44 7.71 0.00	140.71 7.84 0.00	140.97 7.73 0.00	145.18 8.48 0.00	165.71 9.82 0.00	187.76 11.13 0.00	175.40 10.55 0.00	158.28 9.66 0.00	146.87 8.96 0.00	134.72 8.10 0.00	133.56 7.80 0.00	127.97 7.24 0.00



LUTHERNY_35_KV_BK2 355980	129.71 7.57 0.00	122.33 7.03 0.00	117.20 6.63 0.00	115.48 6.23 0.00	121.67 6.78 0.00	119.27 6.75 0.00	121.70 6.56 0.00	126.84 6.73 0.00	126.73 6.38 0.00	128.09 6.56 0.00	130.31 6.91 0.00	131.71 7.10 0.00	138.57 7.84 0.00	140.84 7.97 0.00	141.11 7.86 0.00	145.31 8.61 0.00	165.71 9.82 0.00	187.93 11.30 0.00	175.56 10.72 0.00	158.42 9.81 0.00	147.00 9.10 0.00	134.85 8.23 0.00	133.69 7.92 0.00	127.97 7.24 0.00
LWR___OSWEGATCHIE_HYD 23850	121.41 -0.73 0.00	114.95 -0.35 0.00	110.35 -0.22 0.00	109.47 0.22 0.00	115.58 0.69 0.00	113.65 1.13 0.00	115.94 0.81 0.00	121.44 1.32 0.00	121.68 1.32 0.00	122.50 0.97 0.00	124.76 1.36 0.00	125.60 1.00 0.00	131.51 0.78 0.00	133.27 0.40 0.00	133.24 0.00 0.00	136.98 0.27 0.00	156.04 0.16 0.00	176.27 -0.35 0.00	164.35 -0.49 0.00	147.13 -1.49 0.00	136.52 -1.38 0.00	124.72 -1.90 0.00	126.52 0.75 0.00	121.21 0.48 0.00
LYONS_FALL_HYD 23570	123.85 1.71 0.00	116.79 1.49 0.00	112.12 1.55 0.00	111.32 2.07 0.00	117.31 2.42 0.00	115.56 3.04 0.00	118.35 3.22 0.00	124.20 4.09 0.00	124.32 3.97 0.00	125.66 4.13 0.00	127.97 4.57 0.00	129.09 4.48 0.00	135.56 4.84 0.00	137.52 4.65 0.00	137.51 4.26 0.00	141.48 4.78 0.00	161.66 5.77 0.00	182.81 6.18 0.00	170.61 5.77 0.00	152.33 3.72 0.00	141.21 3.30 0.00	128.77 2.15 0.00	130.16 4.40 0.00	124.23 3.50 0.00
MADISON___COUNTY_LFGE 323628	123.85 1.71 0.00	116.91 1.61 0.00	112.12 1.55 0.00	110.89 1.64 0.00	116.50 1.61 0.00	114.21 1.69 0.00	116.86 1.73 0.00	122.40 2.28 0.00	122.64 2.29 0.00	123.84 2.31 0.00	125.87 2.47 0.00	125.48 0.87 0.00	131.64 0.92 0.00	133.66 0.80 0.00	133.78 0.53 0.00	137.25 0.55 0.00	156.51 0.62 0.00	177.16 0.53 0.00	165.18 0.33 0.00	148.76 0.15 0.00	138.04 0.14 0.00	128.01 1.39 0.00	127.40 1.63 0.00	122.17 1.45 0.00
MALONE___115KV_TB1 356076	123.97 1.83 0.00	117.37 2.08 0.00	112.89 2.32 0.00	111.87 2.62 0.00	118.22 3.33 0.00	115.90 3.38 0.00	119.05 3.91 0.00	124.20 4.08 0.00	124.45 4.09 0.00	124.69 3.16 0.00	126.11 2.71 0.00	126.97 2.37 0.00	133.47 2.75 0.00	135.39 2.52 0.00	135.78 2.53 0.00	139.44 2.73 0.00	159.32 3.43 0.00	180.51 3.89 0.00	167.98 3.13 0.00	151.44 2.82 0.00	140.80 2.90 0.00	128.65 2.03 0.00	128.15 2.39 0.00	123.14 2.41 0.00
MAPLEWOD_115KV_TB3 80458	127.51 5.37 0.00	120.25 4.96 0.00	115.21 4.64 0.00	113.73 4.48 0.00	119.49 4.60 0.00	117.13 4.61 0.00	119.62 4.49 0.00	124.56 4.44 0.00	124.69 4.33 0.00	126.02 4.50 0.00	128.46 5.06 0.00	129.72 5.11 0.00	136.34 5.62 0.00	138.71 5.85 0.00	138.44 5.20 0.00	142.44 5.74 0.00	162.28 6.39 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.30 6.69 0.00	143.97 6.07 0.00	132.32 5.70 0.00	131.42 5.66 0.00	125.92 5.19 0.00
MAPLE_RIDGE_WT_1 323574	121.53 -0.61 0.00	115.18 -0.12 0.00	110.57 0.00 0.00	109.36 0.11 0.00	115.12 0.23 0.00	112.86 0.34 0.00	115.48 0.35 0.00	120.36 0.24 0.00	120.59 0.24 0.00	121.65 0.12 0.00	123.40 0.00 0.00	124.61 0.00 0.00	130.59 -0.13 0.00	132.60 -0.27 0.00	133.11 -0.13 0.00	136.43 -0.27 0.00	155.42 -0.47 0.00	176.10 -0.53 0.00	164.19 -0.66 0.00	148.02 -0.59 0.00	137.35 -0.55 0.00	126.12 -0.50 0.00	125.39 -0.38 0.00	120.24 -0.48 0.00
MAPLE_RIDGE_WT_2 323611	121.53 -0.61 0.00	115.18 -0.12 0.00	110.57 0.00 0.00	109.36 0.11 0.00	115.12 0.23 0.00	112.86 0.34 0.00	115.48 0.35 0.00	120.36 0.24 0.00	120.59 0.24 0.00	121.65 0.12 0.00	123.40 0.00 0.00	124.61 0.00 0.00	130.59 -0.13 0.00	132.60 -0.27 0.00	133.11 -0.13 0.00	136.43 -0.27 0.00	155.42 -0.47 0.00	176.10 -0.53 0.00	164.19 -0.66 0.00	148.02 -0.59 0.00	137.35 -0.55 0.00	126.12 -0.50 0.00	125.39 -0.38 0.00	120.24 -0.48 0.00
MARBLE_RIVER_WT_PWR 323696	122.02 -0.12 0.00	115.41 0.12 0.00	111.01 0.44 0.00	110.02 0.77 0.00	116.16 1.27 0.00	113.88 1.36 0.00	116.74 1.61 0.00	121.32 1.20 0.00	121.08 0.73 0.00	122.14 0.61 0.00	123.27 -0.12 0.00	124.36 -0.25 0.00	130.72 0.00 0.00	132.73 -0.13 0.00	133.38 0.13 0.00	136.84 0.14 0.00	156.20 0.31 0.00	176.80 0.18 0.00	164.85 0.00 0.00	148.62 0.00 0.00	138.04 0.14 0.00	126.49 -0.13 0.00	125.76 0.00 0.00	120.48 -0.24 0.00
MARSHVLE_115KV_TB1 80742	126.78 4.64 0.00	119.44 4.15 0.00	114.44 3.87 0.00	112.64 3.39 0.00	118.91 4.02 0.00	116.68 4.16 0.00	119.05 3.91 0.00	124.32 4.20 0.00	123.24 2.89 0.00	123.59 2.07 0.00	125.50 2.10 0.00	126.73 2.12 0.00	133.60 2.88 0.00	136.45 3.59 0.00	137.24 4.00 0.00	142.58 5.88 0.00	163.68 7.79 0.00	185.81 9.18 0.00	173.58 8.74 0.00	156.49 7.88 0.00	145.07 7.17 0.00	132.44 5.82 0.00	130.92 5.16 0.00	125.07 4.35 0.00
MARSH_HILL_WT_PWR 323713	119.45 -2.69 0.00	113.44 -1.85 0.00	109.25 -1.32 0.00	107.94 -1.31 0.00	113.05 -1.84 0.00	110.61 -1.91 0.00	112.94 -2.19 0.00	118.80 -1.32 0.00	118.67 -1.69 0.00	120.08 -1.45 0.00	120.68 -2.72 0.00	121.37 -3.24 0.00	126.02 -4.70 0.00	126.36 -6.51 0.00	125.65 -7.59 0.00	128.64 -8.07 0.00	147.62 -8.27 0.00	166.91 -9.71 0.00	155.28 -9.57 0.00	138.36 -10.25 0.00	128.80 -9.11 0.00	118.01 -8.61 0.00	117.59 -8.17 0.00	114.57 -6.15 0.00
MCINTYRE_115KV_TB2 80467	124.83 2.69 0.00	118.41 3.11 0.00	113.55 2.99 0.00	112.42 3.17 0.00	118.68 3.79 0.00	116.23 3.71 0.00	119.16 4.03 0.00	124.68 4.56 0.00	124.69 4.33 0.00	125.30 3.77 0.00	126.11 2.71 0.00	126.97 2.37 0.00	132.94 2.22 0.00	134.86 1.99 0.00	135.38 2.13 0.00	139.30 2.60 0.00	159.32 3.43 0.00	180.34 3.71 0.00	168.14 3.30 0.00	151.29 2.68 0.00	140.52 2.62 0.00	128.39 1.77 0.00	128.66 2.89 0.00	123.50 2.78 0.00
MECO_____69_KV_BK1 80468	130.69 8.55 0.00	123.13 7.84 0.00	117.87 7.30 0.00	116.02 6.77 0.00	122.47 7.58 0.00	120.28 7.76 0.00	122.50 7.37 0.00	127.80 7.69 0.00	126.73 6.38 0.00	126.88 5.35 0.00	128.70 5.31 0.00	130.09 5.48 0.00	137.13 6.41 0.00	140.04 7.17 0.00	140.97 7.73 0.00	146.68 9.98 0.00	168.36 12.47 0.00	191.11 14.48 0.00	178.53 13.68 0.00	161.10 12.48 0.00	149.35 11.45 0.00	136.37 9.75 0.00	134.82 9.05 0.00	128.81 8.09 0.00
MENANDS___115KV_TB5 355628	127.15 5.01 0.00	119.91 4.61 0.00	114.88 4.31 0.00	113.40 4.15 0.00	119.14 4.25 0.00	116.80 4.28 0.00	119.28 4.14 0.00	124.08 3.96 0.00	124.33 3.97 0.00	125.66 4.13 0.00	128.09 4.69 0.00	129.47 4.86 0.00	135.82 5.10 0.00	138.32 5.45 0.00	137.91 4.66 0.00	141.76 5.06 0.00	161.50 5.61 0.00	182.81 6.18 0.00	170.95 6.10 0.00	154.56 5.94 0.00	143.28 5.38 0.00	131.68 5.06 0.00	131.05 5.28 0.00	125.55 4.83 0.00
MG INDUSTRY___DRP 24185	126.66 4.52 0.00	119.56 4.27 0.00	114.66 4.09 0.00	113.18 3.93 0.00	118.91 4.02 0.00	116.46 3.94 0.00	118.93 3.80 0.00	123.72 3.60 0.00	123.72 3.37 0.00	124.93 3.40 0.00	127.22 3.83 0.00	128.47 3.86 0.00	134.91 4.18 0.00	137.52 4.65 0.00	137.38 4.13 0.00	141.35 4.65 0.00	161.03 5.14 0.00	182.28 5.65 0.00	170.45 5.60 0.00	153.97 5.35 0.00	142.73 4.83 0.00	131.30 4.68 0.00	130.42 4.65 0.00	125.07 4.35 0.00



MID___OSWEGATCHIE_HYD 23849	121.41 -0.73 0.00	114.95 -0.35 0.00	110.35 -0.22 0.00	109.47 0.22 0.00	115.58 0.69 0.00	113.65 1.13 0.00	115.94 0.81 0.00	121.44 1.32 0.00	121.68 1.32 0.00	122.50 0.97 0.00	124.76 1.36 0.00	125.60 1.00 0.00	131.51 0.78 0.00	133.27 0.40 0.00	133.24 0.00 0.00	136.98 0.27 0.00	156.04 0.16 0.00	176.27 -0.35 0.00	164.35 -0.49 0.00	147.13 -1.49 0.00	136.52 -1.38 0.00	124.72 -1.90 0.00	126.52 0.75 0.00	121.21 0.48 0.00
MID___RAQUETTE_HYD 23851	122.14 0.00 0.00	115.99 0.69 0.00	111.34 0.77 0.00	110.34 1.09 0.00	116.50 1.61 0.00	114.21 1.69 0.00	116.97 1.84 0.00	122.16 2.04 0.00	122.28 1.93 0.00	122.99 1.46 0.00	124.26 0.86 0.00	124.86 0.25 0.00	130.46 -0.26 0.00	132.07 -0.80 0.00	132.31 -0.93 0.00	135.74 -0.96 0.00	154.80 -1.09 0.00	175.21 -1.41 0.00	163.20 -1.65 0.00	146.98 -1.63 0.00	136.52 -1.38 0.00	124.85 -1.77 0.00	125.51 -0.25 0.00	120.72 0.00 0.00
MILLIKEN___1 23584	122.75 0.61 0.00	115.87 0.58 0.00	111.23 0.66 0.00	109.91 0.66 0.00	115.23 0.34 0.00	112.97 0.45 0.00	115.59 0.46 0.00	121.32 1.20 0.00	121.56 1.20 0.00	122.74 1.22 0.00	124.51 1.11 0.00	125.85 1.25 0.00	131.64 0.92 0.00	133.40 0.53 0.00	133.38 0.13 0.00	136.84 0.14 0.00	156.67 0.78 0.00	177.51 0.88 0.00	165.67 0.82 0.00	148.91 0.30 0.00	138.32 0.41 0.00	126.62 0.00 0.00	125.89 0.13 0.00	120.97 0.24 0.00
MILLIKEN___2 23585	122.75 0.61 0.00	115.87 0.58 0.00	111.23 0.66 0.00	109.91 0.66 0.00	115.23 0.34 0.00	112.97 0.45 0.00	115.59 0.46 0.00	121.32 1.20 0.00	121.56 1.20 0.00	122.74 1.22 0.00	124.51 1.11 0.00	125.85 1.25 0.00	131.64 0.92 0.00	133.40 0.53 0.00	133.38 0.13 0.00	136.84 0.14 0.00	156.67 0.78 0.00	177.51 0.88 0.00	165.67 0.82 0.00	148.91 0.30 0.00	138.32 0.41 0.00	126.62 0.00 0.00	125.89 0.13 0.00	120.97 0.24 0.00
MILLIKEN___DIESEL 23629	122.75 0.61 0.00	115.87 0.58 0.00	111.23 0.66 0.00	109.91 0.66 0.00	115.23 0.34 0.00	112.97 0.45 0.00	115.59 0.46 0.00	121.32 1.20 0.00	121.56 1.20 0.00	122.74 1.22 0.00	124.51 1.11 0.00	125.85 1.25 0.00	131.64 0.92 0.00	133.40 0.53 0.00	133.38 0.13 0.00	136.84 0.14 0.00	156.67 0.78 0.00	177.51 0.88 0.00	165.67 0.82 0.00	148.91 0.30 0.00	138.32 0.41 0.00	126.62 0.00 0.00	125.89 0.13 0.00	120.97 0.24 0.00
MILLSEAT___LFGE 323607	115.54 -6.60 0.00	109.76 -5.53 0.00	105.60 -4.97 0.00	104.23 -5.02 0.00	108.80 -6.09 0.00	106.33 -6.19 0.00	108.57 -6.56 0.00	112.91 -7.20 0.00	113.14 -7.22 0.00	115.33 -6.19 0.00	116.98 -6.42 0.00	117.88 -6.73 0.00	122.35 -8.37 0.00	122.37 -10.50 0.00	121.65 -11.59 0.00	123.71 -12.99 0.00	140.92 -14.97 0.00	160.21 -16.42 0.00	148.86 -15.99 0.00	133.01 -15.60 0.00	124.39 -13.51 0.00	115.48 -11.14 0.00	114.70 -11.07 0.00	113.24 -7.49 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	125.93 3.79 0.00	118.75 3.46 0.00	113.66 3.10 0.00	112.20 2.95 0.00	117.76 2.87 0.00	115.11 2.59 0.00	118.13 2.99 0.00	122.64 2.52 0.00	123.00 2.65 0.00	124.32 2.80 0.00	127.22 3.83 0.00	128.72 4.11 0.00	135.30 4.58 0.00	138.32 5.45 0.00	138.57 5.33 0.00	142.03 5.33 0.00	162.12 6.24 0.00	184.22 7.59 0.00	172.10 7.25 0.00	155.45 6.84 0.00	143.56 5.65 0.00	132.06 5.44 0.00	130.42 4.65 0.00	124.83 4.10 0.00
MILLWOOD_13_KV_LOAD 356217	126.29 4.15 0.00	118.98 3.69 0.00	113.89 3.32 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.33 2.81 0.00	118.24 3.11 0.00	122.88 2.76 0.00	123.12 2.77 0.00	124.57 3.04 0.00	127.47 4.07 0.00	128.97 4.36 0.00	135.56 4.84 0.00	138.58 5.71 0.00	138.84 5.60 0.00	142.31 5.60 0.00	162.43 6.55 0.00	184.58 7.95 0.00	172.43 7.58 0.00	155.75 7.13 0.00	143.83 5.93 0.00	132.32 5.70 0.00	130.67 4.90 0.00	124.95 4.23 0.00
MODEL_CITY_ENERGY 24167	112.61 -9.53 0.00	107.22 -8.07 0.00	103.27 -7.30 0.00	101.93 -7.32 0.00	106.27 -8.62 0.00	103.96 -8.56 0.00	105.81 -9.32 0.00	109.31 -10.81 0.00	109.52 -10.83 0.00	111.69 -9.84 0.00	113.16 -10.24 0.00	114.01 -10.59 0.00	118.17 -12.55 0.00	117.99 -14.88 0.00	117.12 -16.13 0.00	118.80 -17.90 0.00	135.47 -20.42 0.00	153.31 -23.32 0.00	142.92 -21.92 0.00	127.22 -21.40 0.00	119.28 -18.62 0.00	111.04 -15.58 0.00	110.54 -15.22 0.00	110.34 -10.38 0.00
MODERN_LFGE___ 323580	112.61 -9.53 0.00	107.22 -8.07 0.00	103.27 -7.30 0.00	101.93 -7.32 0.00	106.27 -8.62 0.00	103.96 -8.56 0.00	105.81 -9.32 0.00	109.31 -10.81 0.00	109.52 -10.83 0.00	111.69 -9.84 0.00	113.16 -10.24 0.00	114.01 -10.59 0.00	118.17 -12.55 0.00	117.99 -14.88 0.00	117.12 -16.13 0.00	118.80 -17.90 0.00	135.47 -20.42 0.00	153.31 -23.32 0.00	142.92 -21.92 0.00	127.22 -21.40 0.00	119.28 -18.62 0.00	111.04 -15.58 0.00	110.54 -15.22 0.00	110.34 -10.38 0.00
MOHAWK_PAPER___DRP 24187	127.51 5.37 0.00	120.25 4.96 0.00	115.21 4.64 0.00	113.73 4.48 0.00	119.49 4.60 0.00	117.13 4.61 0.00	119.62 4.49 0.00	124.56 4.44 0.00	124.69 4.33 0.00	126.02 4.50 0.00	128.46 5.06 0.00	129.72 5.11 0.00	136.34 5.62 0.00	138.71 5.85 0.00	138.44 5.20 0.00	142.44 5.74 0.00	162.28 6.39 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.30 6.69 0.00	143.97 6.07 0.00	132.32 5.70 0.00	131.42 5.66 0.00	125.92 5.19 0.00
MOHICAN___35_KV_115KV_LD 80490	131.79 9.65 0.00	124.29 8.99 0.00	118.97 8.40 0.00	117.23 7.98 0.00	123.62 8.73 0.00	121.30 8.78 0.00	123.65 8.52 0.00	128.89 8.77 0.00	128.90 8.55 0.00	130.28 8.75 0.00	132.53 9.13 0.00	133.83 9.22 0.00	140.92 10.20 0.00	142.97 10.10 0.00	143.10 9.86 0.00	147.64 10.94 0.00	168.51 12.63 0.00	191.11 14.48 0.00	178.37 13.52 0.00	160.95 12.34 0.00	149.62 11.72 0.00	137.00 10.38 0.00	135.82 10.06 0.00	130.02 9.30 0.00
MONGAUP___HYD 23641	127.03 4.89 0.00	119.56 4.27 0.00	114.44 3.87 0.00	112.85 3.60 0.00	118.57 3.68 0.00	116.01 3.49 0.00	118.82 3.68 0.00	123.60 3.49 0.00	123.24 2.88 0.00	124.20 2.67 0.00	126.73 3.33 0.00	127.97 3.37 0.00	134.64 3.92 0.00	137.52 4.65 0.00	137.91 4.66 0.00	142.03 5.33 0.00	162.74 6.85 0.00	184.76 8.13 0.00	172.43 7.59 0.00	155.60 6.99 0.00	144.11 6.21 0.00	132.32 5.70 0.00	130.92 5.16 0.00	125.06 4.34 0.00
MONTAUK___DIESEL 23721	129.47 7.33 0.00	124.06 8.76 0.00	118.31 7.74 0.00	117.23 7.98 0.00	122.36 7.47 0.00	119.50 6.98 0.00	122.96 7.83 0.00	126.96 6.85 0.00	127.57 7.22 0.00	128.94 7.41 0.00	133.27 9.87 0.00	135.82 11.21 0.00	142.92 12.16 -0.04	146.73 13.82 -0.04	146.61 13.32 -0.04	215.94 13.94 -65.30	204.74 16.37 -32.48	203.87 18.55 -8.69	202.25 16.32 -21.09	200.63 13.82 -38.19	149.39 11.45 -0.04	137.17 10.51 -0.04	133.31 7.55 0.00	129.06 8.33 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	118.48 -3.66 0.00	112.53 -2.77 0.00	108.36 -2.21 0.00	106.85 -2.40 0.00	111.10 -3.79 0.00	108.58 -3.94 0.00	110.64 -4.49 0.00	115.79 -4.32 0.00	116.02 -4.33 0.00	118.25 -3.28 0.00	119.94 -3.46 0.00	120.74 -3.86 0.00	125.49 -5.23 0.00	125.56 -7.31 0.00	124.72 -8.53 0.00	127.00 -9.71 0.00	144.97 -10.91 0.00	164.62 -12.01 0.00	152.98 -11.87 0.00	136.13 -12.48 0.00	127.15 -10.76 0.00	116.87 -9.75 0.00	116.71 -9.06 0.00	114.69 -6.04 0.00



MORRIS_RIDGE___SOLAR 323848	117.25 -4.89 0.00	111.25 -4.04 0.00	107.14 -3.43 0.00	105.75 -3.50 0.00	110.52 -4.37 0.00	108.13 -4.39 0.00	110.30 -4.83 0.00	115.80 -4.32 0.00	115.66 -4.70 0.00	117.40 -4.13 0.00	118.46 -4.94 0.00	119.13 -5.48 0.00	123.66 -7.06 0.00	124.23 -8.63 0.00	123.79 -9.46 0.00	126.45 -10.25 0.00	144.66 -11.23 0.00	163.91 -12.72 0.00	152.48 -12.37 0.00	135.98 -12.63 0.00	126.86 -11.04 0.00	116.99 -9.63 0.00	116.46 -9.31 0.00	113.85 -6.88 0.00
MORTIMER_115KV_TB3 55949	117.01 -5.13 0.00	110.68 -4.61 0.00	106.37 -4.20 0.00	104.99 -4.26 0.00	109.72 -5.17 0.00	107.57 -4.95 0.00	110.07 -5.07 0.00	115.31 -4.80 0.00	115.78 -4.57 0.00	117.64 -3.89 0.00	119.57 -3.83 0.00	120.62 -3.99 0.00	125.89 -4.84 0.00	126.36 -6.51 0.00	126.05 -7.20 0.00	128.36 -8.34 0.00	146.22 -9.66 0.00	166.03 -10.60 0.00	154.46 -10.39 0.00	138.51 -10.11 0.00	129.21 -8.69 0.00	118.90 -7.72 0.00	118.34 -7.42 0.00	115.05 -5.67 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	126.41 4.27 0.00	119.10 3.80 0.00	114.00 3.43 0.00	112.53 3.28 0.00	117.99 3.10 0.00	115.33 2.81 0.00	118.36 3.22 0.00	122.88 2.76 0.00	123.24 2.89 0.00	124.81 3.28 0.00	127.72 4.32 0.00	129.34 4.74 0.00	135.95 5.23 0.00	138.98 6.11 0.00	139.24 6.00 0.00	142.58 5.88 0.00	162.75 6.86 0.00	184.93 8.30 0.00	172.76 7.91 0.00	156.05 7.43 0.00	144.11 6.21 0.00	132.70 6.08 0.00	130.92 5.16 0.00	125.43 4.71 0.00
MUNSVILLE_WIND_PWR 323609	130.45 8.31 0.00	123.14 7.84 0.00	118.42 7.85 0.00	117.33 8.08 0.00	123.05 8.16 0.00	120.63 8.11 0.00	123.88 8.75 0.00	131.05 10.93 0.00	131.06 10.71 0.00	132.23 10.70 0.00	133.76 10.37 0.00	135.08 10.47 0.00	141.31 10.58 0.00	143.10 10.23 0.00	142.84 9.60 0.00	147.09 10.38 0.00	168.67 12.79 0.00	190.76 14.14 0.00	178.04 13.19 0.00	159.32 10.71 0.00	147.84 9.93 0.00	133.96 7.34 0.00	133.69 7.93 0.00	127.60 6.88 0.00
N SALMON___HYD 24042	123.97 1.83 0.00	117.37 2.08 0.00	112.89 2.33 0.00	111.87 2.62 0.00	118.22 3.33 0.00	115.89 3.37 0.00	119.05 3.92 0.00	123.96 3.84 0.00	123.96 3.61 0.00	124.68 3.15 0.00	126.11 2.71 0.00	126.97 2.36 0.00	133.47 2.75 0.00	135.39 2.52 0.00	135.77 2.53 0.00	139.29 2.59 0.00	159.31 3.43 0.00	180.51 3.88 0.00	167.97 3.12 0.00	151.43 2.82 0.00	140.80 2.90 0.00	128.64 2.02 0.00	128.15 2.38 0.00	122.65 1.93 0.00
N.AKRON__115KV_KNAPP 355671	115.30 -6.84 0.00	109.53 -5.76 0.00	104.38 -6.19 0.00	104.12 -5.13 0.00	108.23 -6.66 0.00	106.22 -6.30 0.00	108.34 -6.79 0.00	112.43 -7.69 0.00	112.89 -7.46 0.00	115.09 -6.44 0.00	116.73 -6.66 0.00	117.63 -6.98 0.00	122.36 -8.37 0.00	121.97 -10.90 0.00	121.25 -11.99 0.00	123.30 -13.40 0.00	140.61 -15.28 0.00	159.67 -16.96 0.00	148.36 -16.48 0.00	132.57 -16.05 0.00	123.97 -13.93 0.00	114.21 -12.41 0.00	113.94 -11.82 0.00	112.88 -7.85 0.00
N.E_GEN_SANDY PD 24062	136.80 5.01 -9.65	127.20 4.62 -7.29	121.20 4.43 -6.20	117.20 4.26 -3.69	124.20 4.25 -5.06	129.50 4.04 -12.93	133.60 4.26 -14.21	148.80 4.20 -24.48	151.31 4.21 -26.75	142.00 4.37 -16.10	128.21 4.81 0.00	129.60 4.99 0.00	136.08 5.36 0.00	138.71 5.84 0.00	146.60 5.73 -7.63	162.88 6.01 -20.17	201.91 6.85 -39.17	235.00 7.96 -50.42	221.00 7.59 -48.57	195.18 7.28 -39.28	178.61 6.35 -34.36	172.00 5.95 -39.43	146.98 5.53 -15.69	145.44 5.19 -19.53
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	125.44 3.30 0.00	118.18 2.88 0.00	113.11 2.54 0.00	111.65 2.40 0.00	117.19 2.30 0.00	114.55 2.03 0.00	117.55 2.42 0.00	122.16 2.04 0.00	122.40 2.05 0.00	123.72 2.19 0.00	126.61 3.21 0.00	128.10 3.49 0.00	134.64 3.92 0.00	137.52 4.65 0.00	137.91 4.66 0.00	141.35 4.65 0.00	161.34 5.46 0.00	183.34 6.71 0.00	171.28 6.43 0.00	154.71 6.09 0.00	143.00 5.10 0.00	131.43 4.81 0.00	129.79 4.02 0.00	124.23 3.50 0.00
N.QUEENS_27_KV_LOAD 356247	127.64 5.50 0.00	120.02 4.73 0.00	114.55 3.98 0.00	112.96 3.71 0.00	118.45 3.56 0.00	114.43 1.91 0.00	117.20 2.07 0.00	121.56 1.44 0.00	122.16 1.81 0.00	123.84 2.31 0.00	126.85 3.46 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.31 5.06 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.69 7.07 0.00	171.61 6.76 0.00	155.15 6.54 0.00	143.14 5.24 0.00	131.81 5.19 0.00	130.54 4.78 0.00	126.40 5.67 0.00
N.TROY___115KV_TB1 355778	127.88 5.74 0.00	120.60 5.30 0.00	115.65 5.09 0.00	114.06 4.81 0.00	119.95 5.06 0.00	117.47 4.95 0.00	120.08 4.95 0.00	125.04 4.92 0.00	125.17 4.81 0.00	126.51 4.98 0.00	128.83 5.43 0.00	130.21 5.61 0.00	136.74 6.01 0.00	139.25 6.38 0.00	139.37 6.13 0.00	143.26 6.56 0.00	163.37 7.48 0.00	185.28 8.65 0.00	173.09 8.24 0.00	156.34 7.73 0.00	144.80 6.90 0.00	133.08 6.46 0.00	131.93 6.16 0.00	126.40 5.67 0.00
NARROWS_GT1_1 24228	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
NARROWS_GT1_2 24229	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
NARROWS_GT1_3 24230	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
NARROWS_GT1_4 24231	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
NARROWS_GT1_5 24232	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00



NARROWS_GT1_6 24233	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
NARROWS_GT1_7 24234	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
NARROWS_GT1_8 24235	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
NARROWS_GT2_1 24236	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
NARROWS_GT2_2 24237	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
NARROWS_GT2_3 24238	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
NARROWS_GT2_4 24239	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
NARROWS_GT2_5 24240	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
NARROWS_GT2_6 24241	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
NARROWS_GT2_7 24242	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
NARROWS_GT2_8 24243	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	129.71 7.57 0.00	122.33 7.03 0.00	117.09 6.52 0.00	115.37 6.12 0.00	121.44 6.55 0.00	118.93 6.41 0.00	121.35 6.22 0.00	126.12 6.01 0.00	125.53 5.18 0.00	126.39 4.86 0.00	128.83 5.43 0.00	129.96 5.36 0.00	136.61 5.88 0.00	139.38 6.51 0.00	139.37 6.13 0.00	143.67 6.97 0.00	164.30 8.42 0.00	186.17 9.54 0.00	173.75 8.90 0.00	156.94 8.32 0.00	145.62 7.72 0.00	133.84 7.22 0.00	133.31 7.55 0.00	127.24 6.52 0.00
NCHELSEA_115KV_TR2 355582	127.39 5.25 0.00	120.02 4.73 0.00	114.88 4.31 0.00	113.40 4.15 0.00	119.03 4.14 0.00	116.35 3.83 0.00	119.28 4.14 0.00	123.84 3.72 0.00	123.84 3.49 0.00	125.05 3.52 0.00	127.96 4.57 0.00	129.47 4.86 0.00	136.08 5.36 0.00	139.11 6.24 0.00	139.37 6.13 0.00	143.13 6.42 0.00	163.52 7.64 0.00	185.64 9.01 0.00	173.42 8.57 0.00	156.49 7.88 0.00	144.80 6.90 0.00	133.08 6.46 0.00	131.67 5.91 0.00	125.67 4.95 0.00
NEG CAPITAL____MECHNVIL 23645	129.71 7.58 0.00	122.33 7.03 0.00	117.20 6.63 0.00	115.58 6.33 0.00	121.78 6.89 0.00	119.27 6.75 0.00	121.69 6.56 0.00	126.96 6.84 0.00	126.97 6.62 0.00	128.33 6.80 0.00	130.55 7.15 0.00	131.83 7.22 0.00	138.70 7.98 0.00	141.11 8.24 0.00	141.24 7.99 0.00	145.46 8.76 0.00	166.01 10.13 0.00	188.10 11.47 0.00	175.72 10.88 0.00	158.73 10.11 0.00	147.14 9.24 0.00	134.97 8.35 0.00	133.69 7.93 0.00	128.21 7.49 0.00
NEG CENTRAL_HIGH_ACRES 23767	115.54 -6.60 0.00	109.29 -6.00 0.00	104.81 -5.75 0.00	103.56 -5.69 0.00	108.46 -6.43 0.00	106.22 -6.30 0.00	108.69 -6.45 0.00	114.11 -6.00 0.00	114.46 -5.89 0.00	116.18 -5.34 0.00	117.97 -5.43 0.00	119.25 -5.35 0.00	124.45 -6.27 0.00	125.43 -7.44 0.00	125.11 -8.13 0.00	127.82 -8.88 0.00	145.59 -10.29 0.00	165.15 -11.48 0.00	153.80 -11.04 0.00	138.07 -10.55 0.00	128.66 -9.24 0.00	118.51 -8.11 0.00	117.71 -8.05 0.00	113.85 -6.88 0.00



NEG CENTRAL___DRP 24199	119.45 -2.69 0.00	112.76 -2.54 0.00	108.25 -2.32 0.00	106.85 -2.40 0.00	112.02 -2.87 0.00	109.71 -2.81 0.00	112.25 -2.88 0.00	117.71 -2.40 0.00	118.19 -2.17 0.00	119.58 -1.94 0.00	121.55 -1.85 0.00	122.74 -1.87 0.00	128.37 -2.35 0.00	129.81 -3.06 0.00	129.78 -3.46 0.00	132.87 -3.83 0.00	151.83 -4.05 0.00	172.04 -4.59 0.00	160.40 -4.45 0.00	144.16 -4.46 0.00	134.04 -3.86 0.00	122.95 -3.67 0.00	122.12 -3.65 0.00	117.59 -3.14 0.00
NEG CENTRAL___INDECK 23768	117.25 -4.89 0.00	111.03 -4.26 0.00	106.59 -3.98 0.00	105.42 -3.83 0.00	110.17 -4.72 0.00	107.80 -4.72 0.00	110.41 -4.73 0.00	116.27 -3.85 0.00	116.26 -4.09 0.00	117.76 -3.77 0.00	115.50 -7.90 0.00	116.38 -8.23 0.00	121.05 -9.67 0.00	121.57 -11.29 0.00	121.25 -11.99 0.00	124.13 -12.57 0.00	142.48 -13.41 0.00	161.08 -15.54 0.00	150.01 -14.84 0.00	134.95 -13.67 0.00	125.63 -12.27 0.00	115.60 -11.02 0.00	114.82 -10.94 0.00	114.57 -6.15 0.00
NEG CENTRAL___SENECA 23627	118.96 -3.18 0.00	112.41 -2.88 0.00	107.91 -2.65 0.00	106.52 -2.73 0.00	111.56 -3.33 0.00	109.37 -3.15 0.00	111.91 -3.22 0.00	117.35 -2.76 0.00	117.83 -2.53 0.00	119.34 -2.19 0.00	121.30 -2.10 0.00	122.61 -1.99 0.00	128.11 -2.61 0.00	129.28 -3.59 0.00	129.11 -4.13 0.00	132.05 -4.65 0.00	150.74 -5.14 0.00	171.15 -5.48 0.00	159.24 -5.60 0.00	143.12 -5.50 0.00	133.21 -4.69 0.00	122.19 -4.43 0.00	121.36 -4.40 0.00	117.10 -3.62 0.00
NEG CENTRAL___STATE_STREET 24147	120.55 -1.59 0.00	113.79 -1.50 0.00	109.24 -1.33 0.00	107.83 -1.42 0.00	113.17 -1.72 0.00	110.83 -1.69 0.00	113.41 -1.73 0.00	119.04 -1.08 0.00	119.39 -0.96 0.00	120.68 -0.85 0.00	122.66 -0.74 0.00	123.98 -0.62 0.00	129.55 -1.18 0.00	131.41 -1.46 0.00	131.38 -1.87 0.00	134.65 -2.05 0.00	154.02 -1.87 0.00	174.51 -2.12 0.00	162.70 -2.14 0.00	146.39 -2.23 0.00	135.97 -1.93 0.00	124.59 -2.03 0.00	123.63 -2.14 0.00	118.79 -1.93 0.00
NEG MILLWOOD___DRP 24198	128.00 5.86 0.00	120.60 5.30 0.00	115.43 4.87 0.00	113.84 4.59 0.00	119.60 4.71 0.00	116.80 4.28 0.00	119.74 4.61 0.00	124.32 4.20 0.00	124.45 4.09 0.00	125.66 4.13 0.00	128.70 5.31 0.00	130.21 5.61 0.00	137.00 6.27 0.00	140.18 7.31 0.00	140.31 7.06 0.00	144.08 7.38 0.00	164.62 8.73 0.00	187.05 10.42 0.00	174.57 9.73 0.00	157.53 8.92 0.00	145.62 7.72 0.00	133.84 7.22 0.00	132.18 6.41 0.00	126.04 5.31 0.00
NEG NORTH_FLCN_SEA 23793	122.63 0.49 0.00	115.52 0.23 0.00	111.12 0.55 0.00	110.12 0.87 0.00	116.38 1.49 0.00	113.98 1.46 0.00	117.09 1.96 0.00	120.96 0.84 0.00	121.32 0.96 0.00	120.80 -0.73 0.00	122.04 -1.36 0.00	123.11 -1.50 0.00	129.55 -1.18 0.00	131.54 -1.33 0.00	132.18 -1.07 0.00	135.61 -1.09 0.00	154.95 -0.94 0.00	175.39 -1.24 0.00	163.36 -1.48 0.00	147.43 -1.19 0.00	136.94 -0.97 0.00	125.35 -1.27 0.00	124.63 -1.13 0.00	120.60 -0.12 0.00
NEG NORTH_KES_CHATEGAY 23792	122.51 0.37 0.00	115.87 0.58 0.00	111.45 0.88 0.00	110.45 1.20 0.00	116.73 1.84 0.00	114.43 1.91 0.00	117.32 2.19 0.00	122.16 2.04 0.00	122.40 2.05 0.00	122.74 1.22 0.00	124.02 0.62 0.00	124.98 0.37 0.00	131.38 0.65 0.00	133.40 0.53 0.00	134.18 0.93 0.00	137.66 0.96 0.00	157.29 1.40 0.00	178.04 1.41 0.00	165.84 0.99 0.00	149.51 0.89 0.00	139.01 1.10 0.00	127.25 0.63 0.00	126.52 0.75 0.00	121.69 0.97 0.00
NEG NORTH___ALICE_FALLS 23915	123.48 1.34 0.00	116.56 1.27 0.00	112.12 1.55 0.00	111.11 1.86 0.00	117.42 2.53 0.00	115.11 2.59 0.00	118.13 2.99 0.00	122.52 2.40 0.00	122.88 2.53 0.00	122.74 1.22 0.00	124.02 0.62 0.00	125.11 0.50 0.00	131.64 0.92 0.00	133.53 0.66 0.00	134.31 1.07 0.00	137.80 1.09 0.00	157.60 1.71 0.00	178.57 1.94 0.00	166.17 1.32 0.00	149.80 1.19 0.00	139.28 1.38 0.00	127.38 0.76 0.00	126.52 0.75 0.00	122.05 1.33 0.00
NEG NORTH___LWR_SARANAC 23913	123.48 1.34 0.00	116.56 1.27 0.00	112.12 1.55 0.00	111.11 1.86 0.00	117.42 2.53 0.00	115.11 2.59 0.00	118.13 2.99 0.00	122.52 2.40 0.00	122.88 2.53 0.00	122.74 1.22 0.00	124.02 0.62 0.00	125.11 0.50 0.00	131.64 0.92 0.00	133.53 0.66 0.00	134.31 1.07 0.00	137.80 1.09 0.00	157.60 1.71 0.00	178.57 1.94 0.00	166.17 1.32 0.00	149.80 1.19 0.00	139.28 1.38 0.00	127.38 0.76 0.00	126.52 0.75 0.00	122.05 1.33 0.00
NEG NORTH___PLATTSBURG 23628	123.49 1.35 0.00	116.56 1.27 0.00	112.12 1.55 0.00	111.11 1.86 0.00	117.31 2.42 0.00	115.11 2.59 0.00	118.12 2.99 0.00	122.52 2.40 0.00	121.91 1.56 0.00	123.10 1.58 0.00	124.02 0.62 0.00	125.11 0.50 0.00	131.64 0.92 0.00	133.54 0.67 0.00	134.31 1.06 0.00	137.79 1.09 0.00	157.60 1.72 0.00	178.57 1.95 0.00	166.16 1.31 0.00	149.80 1.18 0.00	139.28 1.38 0.00	127.38 0.76 0.00	126.52 0.76 0.00	121.09 0.36 0.00
NEG WEST_LEA_LOCKPORT 23791	112.49 -9.65 0.00	106.99 -8.30 0.00	102.17 -8.40 0.00	101.71 -7.54 0.00	105.70 -9.19 0.00	103.74 -8.78 0.00	105.69 -9.44 0.00	109.55 -10.57 0.00	109.88 -10.47 0.00	112.17 -9.36 0.00	113.77 -9.63 0.00	114.51 -10.09 0.00	118.96 -11.77 0.00	118.52 -14.35 0.00	117.65 -15.59 0.00	119.48 -17.22 0.00	136.09 -19.80 0.00	154.20 -22.43 0.00	143.58 -21.27 0.00	127.81 -20.81 0.00	119.84 -18.07 0.00	110.54 -16.08 0.00	110.55 -15.22 0.00	109.98 -10.74 0.00
NEG WEST___LANCASTER 23811	116.15 -5.98 0.00	110.22 -5.07 0.00	106.04 -4.53 0.00	104.77 -4.48 0.00	109.03 -5.86 0.00	106.78 -5.74 0.00	108.92 -6.22 0.00	113.75 -6.37 0.00	114.10 -6.26 0.00	116.30 -5.23 0.00	117.97 -5.43 0.00	118.87 -5.73 0.00	123.53 -7.19 0.00	123.57 -9.30 0.00	122.72 -10.53 0.00	125.08 -11.62 0.00	142.79 -13.09 0.00	161.97 -14.66 0.00	150.84 -14.01 0.00	134.35 -14.27 0.00	125.63 -12.27 0.00	115.60 -11.02 0.00	115.45 -10.31 0.00	113.60 -7.12 0.00
NEG_PENN_ALLEGHNY 23528	121.16 -0.98 0.00	114.49 -0.80 0.00	109.91 -0.66 0.00	108.49 -0.76 0.00	113.85 -1.04 0.00	111.40 -1.13 0.00	113.87 -1.26 0.00	120.00 -0.12 0.00	120.23 -0.12 0.00	121.65 0.12 0.00	123.40 0.00 0.00	124.73 0.12 0.00	130.46 -0.26 0.00	132.21 -0.66 0.00	132.04 -1.20 0.00	135.33 -1.37 0.00	154.80 -1.08 0.00	175.40 -1.23 0.00	162.70 -2.15 0.00	146.23 -2.38 0.00	135.97 -1.93 0.00	124.72 -1.90 0.00	123.88 -1.88 0.00	119.28 -1.44 0.00
NEG___GEN_MONROE 24207	116.52 -5.62 0.00	110.34 -4.96 0.00	105.81 -4.75 0.00	104.66 -4.59 0.00	109.38 -5.51 0.00	107.12 -5.40 0.00	109.61 -5.53 0.00	114.47 -5.65 0.00	115.06 -5.30 0.00	117.03 -4.50 0.00	118.83 -4.57 0.00	119.87 -4.74 0.00	124.97 -5.75 0.00	125.03 -7.84 0.00	124.72 -8.53 0.00	127.13 -9.57 0.00	144.82 -11.07 0.00	164.62 -12.01 0.00	153.14 -11.70 0.00	137.17 -11.44 0.00	128.11 -9.79 0.00	118.01 -8.61 0.00	117.46 -8.30 0.00	114.69 -6.04 0.00
NEPA___ENERGY 23901	115.91 -6.23 0.00	109.99 -5.30 0.00	105.81 -4.75 0.00	104.44 -4.81 0.00	108.80 -6.09 0.00	106.56 -5.96 0.00	108.69 -6.45 0.00	113.75 -6.37 0.00	114.10 -6.26 0.00	116.06 -5.47 0.00	117.72 -5.68 0.00	118.63 -5.98 0.00	123.27 -7.45 0.00	123.43 -9.43 0.00	122.58 -10.66 0.00	125.08 -11.62 0.00	142.79 -13.09 0.00	161.97 -14.66 0.00	150.84 -14.01 0.00	134.35 -14.27 0.00	125.63 -12.27 0.00	115.48 -11.14 0.00	115.20 -10.56 0.00	113.12 -7.61 0.00



NEVERSINK___HYD 23608	126.90 4.76 0.00	119.56 4.27 0.00	114.44 3.87 0.00	112.97 3.72 0.00	118.57 3.68 0.00	115.89 3.37 0.00	118.93 3.79 0.00	123.72 3.60 0.00	123.48 3.12 0.00	124.44 2.91 0.00	127.10 3.70 0.00	128.34 3.73 0.00	135.03 4.31 0.00	138.04 5.18 0.00	138.44 5.19 0.00	142.31 5.61 0.00	162.91 7.02 0.00	184.93 8.30 0.00	172.60 7.75 0.00	155.75 7.13 0.00	144.25 6.35 0.00	132.32 5.70 0.00	130.92 5.16 0.00	125.06 4.34 0.00
NEWKRMKL_115KV_TB1 55635	126.90 4.76 0.00	119.67 4.38 0.00	114.77 4.20 0.00	113.29 4.04 0.00	119.03 4.14 0.00	116.57 4.05 0.00	119.05 3.91 0.00	123.96 3.84 0.00	124.08 3.73 0.00	125.42 3.89 0.00	127.84 4.44 0.00	129.22 4.61 0.00	135.69 4.97 0.00	138.05 5.18 0.00	137.38 4.13 0.00	141.35 4.65 0.00	160.87 4.99 0.00	182.10 5.48 0.00	170.29 5.44 0.00	153.97 5.35 0.00	142.73 4.83 0.00	131.30 4.68 0.00	130.79 5.03 0.00	125.31 4.59 0.00
NEWTON___FALLS_HYD 23847	121.41 -0.73 0.00	114.95 -0.35 0.00	110.35 -0.22 0.00	109.47 0.22 0.00	115.58 0.69 0.00	113.65 1.13 0.00	115.94 0.81 0.00	121.44 1.32 0.00	121.68 1.32 0.00	122.50 0.97 0.00	124.76 1.36 0.00	125.60 1.00 0.00	131.51 0.78 0.00	133.27 0.40 0.00	133.24 0.00 0.00	136.98 0.27 0.00	156.04 0.16 0.00	176.27 -0.35 0.00	164.35 -0.49 0.00	147.13 -1.49 0.00	136.52 -1.38 0.00	124.72 -1.90 0.00	126.52 0.75 0.00	121.21 0.48 0.00
NGRID_A1_DSASP 323792	110.29 -11.85 0.00	104.80 -10.49 0.00	103.05 -7.52 0.00	99.75 -9.50 0.00	103.52 -11.37 0.00	101.72 -10.80 0.00	103.73 -11.40 0.00	108.35 -11.77 0.00	108.68 -11.67 0.00	110.83 -10.69 0.00	112.42 -10.98 0.00	113.27 -11.34 0.00	117.52 -13.20 0.00	117.06 -15.81 0.00	116.19 -17.06 0.00	117.84 -18.86 0.00	134.37 -21.51 0.00	151.90 -24.73 0.00	141.60 -23.24 0.00	126.03 -22.59 0.00	118.18 -19.72 0.00	109.15 -17.47 0.00	109.16 -16.60 0.00	107.93 -12.80 0.00
NGRID_A2_DSASP 323793	110.29 -11.85 0.00	104.80 -10.49 0.00	103.05 -7.52 0.00	99.75 -9.50 0.00	103.52 -11.37 0.00	101.72 -10.80 0.00	103.73 -11.40 0.00	108.35 -11.77 0.00	108.68 -11.67 0.00	110.83 -10.69 0.00	112.42 -10.98 0.00	113.27 -11.34 0.00	117.52 -13.20 0.00	117.06 -15.81 0.00	116.19 -17.06 0.00	117.84 -18.86 0.00	134.37 -21.51 0.00	151.90 -24.73 0.00	141.60 -23.24 0.00	126.03 -22.59 0.00	118.18 -19.72 0.00	109.15 -17.47 0.00	109.16 -16.60 0.00	107.93 -12.80 0.00
NGRID_A4_DSASP 323807	110.29 -11.85 0.00	104.80 -10.49 0.00	103.05 -7.52 0.00	99.75 -9.50 0.00	103.52 -11.37 0.00	101.72 -10.80 0.00	103.73 -11.40 0.00	108.35 -11.77 0.00	108.68 -11.67 0.00	110.83 -10.69 0.00	112.42 -10.98 0.00	113.27 -11.34 0.00	117.52 -13.20 0.00	117.06 -15.81 0.00	116.19 -17.06 0.00	117.84 -18.86 0.00	134.37 -21.51 0.00	151.90 -24.73 0.00	141.60 -23.24 0.00	126.03 -22.59 0.00	118.18 -19.72 0.00	109.15 -17.47 0.00	109.16 -16.60 0.00	107.93 -12.80 0.00
NIAGARA_115E_LBMP 323715	112.36 -9.78 0.00	107.11 -8.18 0.00	103.16 -7.41 0.00	101.82 -7.43 0.00	106.15 -8.74 0.00	103.74 -8.78 0.00	105.58 -9.55 0.00	108.95 -11.17 0.00	109.04 -11.32 0.00	111.20 -10.33 0.00	112.66 -10.74 0.00	113.52 -11.09 0.00	117.65 -13.07 0.00	117.32 -15.55 0.00	116.58 -16.66 0.00	118.24 -18.46 0.00	134.69 -21.20 0.00	152.61 -24.02 0.00	142.10 -22.75 0.00	126.47 -22.15 0.00	118.59 -19.31 0.00	110.54 -16.08 0.00	110.04 -15.72 0.00	110.10 -10.62 0.00
NIAGARA_115W_LBMP 323714	110.05 -12.09 0.00	104.57 -10.72 0.00	100.84 -9.73 0.00	99.53 -9.72 0.00	103.75 -11.14 0.00	101.50 -11.02 0.00	103.51 -11.62 0.00	108.35 -11.77 0.00	108.56 -11.79 0.00	110.59 -10.94 0.00	112.05 -11.35 0.00	113.02 -11.58 0.00	117.12 -13.60 0.00	116.79 -16.08 0.00	115.93 -17.32 0.00	117.56 -19.14 0.00	134.06 -21.83 0.00	151.55 -25.08 0.00	141.27 -23.58 0.00	125.73 -22.88 0.00	117.91 -20.00 0.00	110.04 -16.58 0.00	109.54 -16.22 0.00	107.93 -12.80 0.00
NIAGARA_230_LBMP 323716	112.25 -9.89 0.00	106.53 -8.77 0.00	102.61 -7.96 0.00	101.28 -7.97 0.00	105.69 -9.20 0.00	103.41 -9.11 0.00	105.46 -9.67 0.00	110.39 -9.73 0.00	110.49 -9.87 0.00	112.54 -8.99 0.00	114.01 -9.38 0.00	115.01 -9.59 0.00	119.22 -11.50 0.00	119.05 -13.82 0.00	118.19 -15.06 0.00	119.88 -16.82 0.00	136.71 -19.18 0.00	154.72 -21.91 0.00	144.07 -20.78 0.00	128.26 -20.35 0.00	120.25 -17.65 0.00	112.06 -14.56 0.00	111.55 -14.21 0.00	109.98 -10.75 0.00
NIAGARA___115KV_198_GIBSON 55903	110.05 -12.09 0.00	104.57 -10.72 0.00	102.94 -7.63 0.00	99.53 -9.72 0.00	103.29 -11.60 0.00	101.49 -11.03 0.00	103.50 -11.63 0.00	108.11 -12.01 0.00	108.44 -11.92 0.00	110.59 -10.94 0.00	112.17 -11.23 0.00	113.02 -11.59 0.00	117.26 -13.46 0.00	116.79 -16.08 0.00	115.92 -17.32 0.00	117.56 -19.14 0.00	134.06 -21.82 0.00	151.55 -25.08 0.00	141.27 -23.57 0.00	125.73 -22.89 0.00	117.91 -20.00 0.00	108.89 -17.73 0.00	108.91 -16.85 0.00	107.81 -12.92 0.00
NIAGARA____ 23760	112.25 -9.89 0.00	106.53 -8.77 0.00	102.61 -7.96 0.00	101.28 -7.97 0.00	105.69 -9.20 0.00	103.41 -9.11 0.00	105.46 -9.67 0.00	110.39 -9.73 0.00	110.49 -9.87 0.00	112.54 -8.99 0.00	114.01 -9.38 0.00	115.01 -9.59 0.00	119.22 -11.50 0.00	119.05 -13.82 0.00	118.19 -15.06 0.00	119.88 -16.82 0.00	136.71 -19.18 0.00	154.72 -21.91 0.00	144.07 -20.78 0.00	128.26 -20.35 0.00	120.25 -17.65 0.00	112.06 -14.56 0.00	111.55 -14.21 0.00	109.98 -10.75 0.00
NINE_MILE_1 23575	117.13 -5.01 0.00	110.56 -4.73 0.00	106.03 -4.54 0.00	104.77 -4.48 0.00	110.07 -4.82 0.00	107.80 -4.72 0.00	110.19 -4.95 0.00	115.31 -4.81 0.00	115.54 -4.82 0.00	116.79 -4.74 0.00	118.58 -4.81 0.00	119.87 -4.73 0.00	125.49 -5.23 0.00	127.41 -5.45 0.00	127.52 -5.73 0.00	130.69 -6.01 0.00	149.03 -6.86 0.00	168.86 -7.77 0.00	157.60 -7.25 0.00	141.93 -6.68 0.00	131.84 -6.06 0.00	121.05 -5.57 0.00	120.36 -5.40 0.00	115.66 -5.07 0.00
NINE_MILE_2 23744	117.13 -5.01 0.00	110.56 -4.73 0.00	106.03 -4.54 0.00	104.77 -4.48 0.00	110.07 -4.82 0.00	107.80 -4.72 0.00	110.19 -4.95 0.00	115.31 -4.81 0.00	115.54 -4.82 0.00	116.79 -4.74 0.00	118.58 -4.81 0.00	119.87 -4.73 0.00	125.49 -5.23 0.00	127.41 -5.45 0.00	127.52 -5.73 0.00	130.83 -5.87 0.00	149.19 -6.70 0.00	168.86 -7.77 0.00	157.60 -7.25 0.00	141.93 -6.68 0.00	131.84 -6.06 0.00	121.18 -5.44 0.00	120.36 -5.40 0.00	115.66 -5.07 0.00
NM_CAPITAL___DRP 24208	126.90 4.76 0.00	119.67 4.38 0.00	114.77 4.20 0.00	113.29 4.04 0.00	119.03 4.14 0.00	116.57 4.05 0.00	119.16 4.03 0.00	123.96 3.84 0.00	124.08 3.73 0.00	125.42 3.89 0.00	127.84 4.44 0.00	129.22 4.61 0.00	135.69 4.97 0.00	138.05 5.18 0.00	137.64 4.40 0.00	141.62 4.92 0.00	161.19 5.30 0.00	182.46 5.83 0.00	170.62 5.77 0.00	154.26 5.65 0.00	143.00 5.10 0.00	131.56 4.94 0.00	130.79 5.03 0.00	125.43 4.71 0.00
NM_CENTRAL___DRP 24181	119.33 -2.81 0.00	112.64 -2.65 0.00	108.14 -2.43 0.00	106.74 -2.51 0.00	112.13 -2.76 0.00	109.82 -2.70 0.00	112.25 -2.88 0.00	117.47 -2.64 0.00	117.83 -2.53 0.00	119.10 -2.43 0.00	121.05 -2.34 0.00	122.24 -2.37 0.00	127.98 -2.75 0.00	129.81 -3.06 0.00	129.91 -3.33 0.00	133.15 -3.55 0.00	151.99 -3.90 0.00	172.21 -4.42 0.00	160.73 -4.12 0.00	144.60 -4.01 0.00	134.32 -3.59 0.00	123.33 -3.29 0.00	122.49 -3.27 0.00	117.71 -3.02 0.00



NM_FRONTIER___DRP 24179	110.05 -12.09 0.00	104.57 -10.72 0.00	102.94 -7.63 0.00	99.53 -9.72 0.00	103.29 -11.60 0.00	101.49 -11.03 0.00	103.50 -11.63 0.00	108.11 -12.01 0.00	108.44 -11.92 0.00	110.59 -10.94 0.00	112.17 -11.23 0.00	113.02 -11.59 0.00	117.26 -13.46 0.00	116.79 -16.08 0.00	115.92 -17.32 0.00	117.56 -19.14 0.00	134.06 -21.82 0.00	151.55 -25.08 0.00	141.27 -23.57 0.00	125.73 -22.89 0.00	117.91 -20.00 0.00	108.89 -17.73 0.00	108.91 -16.85 0.00	107.81 -12.92 0.00
NM_ST_REGIS___HYD 24053	122.63 0.49 0.00	116.45 1.15 0.00	111.78 1.22 0.00	110.78 1.53 0.00	116.96 2.07 0.00	114.66 2.14 0.00	117.55 2.42 0.00	122.76 2.64 0.00	122.88 2.53 0.00	123.47 1.94 0.00	124.76 1.36 0.00	125.48 0.87 0.00	131.25 0.52 0.00	133.00 0.13 0.00	133.24 0.00 0.00	136.70 0.00 0.00	156.04 0.16 0.00	176.63 0.00 0.00	164.52 -0.33 0.00	148.17 -0.45 0.00	137.63 -0.28 0.00	125.86 -0.76 0.00	126.27 0.50 0.00	121.45 0.72 0.00
NORTHPORT___1 23551	126.78 4.64 0.00	121.51 6.22 0.00	116.31 5.75 0.00	115.04 5.79 0.00	120.18 5.29 0.00	117.59 5.07 0.00	120.32 5.19 0.00	124.68 4.56 0.00	124.68 4.33 0.00	125.90 4.37 0.00	128.58 5.18 0.00	129.60 4.99 0.00	136.34 5.62 0.00	139.77 6.90 0.00	139.77 6.53 0.00	143.81 7.10 0.00	164.30 8.41 0.00	187.58 10.95 0.00	175.56 10.71 0.00	158.42 9.81 0.00	145.90 8.00 0.00	134.09 7.47 0.00	131.04 5.28 0.00	126.88 6.15 0.00
NORTHPORT___2 23552	126.78 4.64 0.00	121.51 6.22 0.00	116.31 5.75 0.00	115.04 5.79 0.00	120.18 5.29 0.00	117.59 5.07 0.00	120.32 5.19 0.00	124.68 4.56 0.00	124.68 4.33 0.00	125.90 4.37 0.00	128.58 5.18 0.00	129.60 4.99 0.00	136.34 5.62 0.00	139.77 6.90 0.00	139.77 6.53 0.00	143.81 7.10 0.00	164.30 8.41 0.00	187.58 10.95 0.00	175.56 10.71 0.00	158.42 9.81 0.00	145.90 8.00 0.00	134.09 7.47 0.00	131.04 5.28 0.00	126.88 6.15 0.00
NORTHPORT___3 23553	126.29 4.16 0.00	121.17 5.88 0.00	115.99 5.42 0.00	114.71 5.46 0.00	119.83 4.94 0.00	117.14 4.62 0.00	119.97 4.83 0.00	124.32 4.20 0.00	124.32 3.97 0.00	125.53 4.00 0.00	128.21 4.81 0.00	129.22 4.61 0.00	135.96 5.23 0.00	139.24 6.38 0.00	139.38 6.13 0.00	141.64 6.56 1.62	162.87 7.79 0.81	186.83 10.42 0.22	174.38 10.06 0.52	156.89 9.22 0.95	145.34 7.44 0.00	133.71 7.09 0.00	130.54 4.78 0.00	126.52 5.79 0.00
NORTHPORT___4 23650	126.29 4.16 0.00	121.17 5.88 0.00	115.99 5.42 0.00	114.71 5.46 0.00	119.83 4.94 0.00	117.14 4.62 0.00	119.97 4.83 0.00	124.32 4.20 0.00	124.32 3.97 0.00	125.53 4.00 0.00	128.21 4.81 0.00	129.22 4.61 0.00	135.96 5.23 0.00	139.24 6.38 0.00	139.38 6.13 0.00	141.64 6.56 1.62	162.87 7.79 0.81	186.83 10.42 0.22	174.38 10.06 0.52	156.89 9.22 0.95	145.34 7.44 0.00	133.71 7.09 0.00	130.54 4.78 0.00	126.52 5.79 0.00
NORTHPORT___IC 23718	126.78 4.64 0.00	121.52 6.23 0.00	116.32 5.75 0.00	115.04 5.79 0.00	120.29 5.40 0.00	117.58 5.06 0.00	120.31 5.18 0.00	124.08 3.96 0.00	124.45 4.09 0.00	125.17 3.65 0.00	128.33 4.94 0.00	130.09 5.48 0.00	136.34 5.62 0.00	139.78 6.91 0.00	139.91 6.66 0.00	143.67 6.97 0.00	164.30 8.42 0.00	187.58 10.95 0.00	175.56 10.72 0.00	158.28 9.66 0.00	145.90 8.00 0.00	134.47 7.85 0.00	131.05 5.28 0.00	126.40 5.67 0.00
NORTH___COUNTRY_ESR 323785	122.14 0.00 0.00	115.64 0.35 0.00	111.12 0.56 0.00	110.12 0.87 0.00	116.27 1.38 0.00	114.09 1.57 0.00	116.97 1.84 0.00	121.56 1.45 0.00	121.43 1.08 0.00	122.38 0.86 0.00	123.65 0.25 0.00	124.73 0.12 0.00	130.98 0.26 0.00	133.00 0.13 0.00	133.78 0.54 0.00	137.25 0.55 0.00	156.67 0.78 0.00	177.34 0.71 0.00	165.18 0.33 0.00	149.06 0.45 0.00	138.46 0.55 0.00	126.87 0.25 0.00	126.14 0.38 0.00	120.72 0.00 0.00
NPX_GEN_1385_PROXY 323591	129.22 7.08 0.00	123.94 8.65 0.00	118.64 8.07 0.00	117.33 8.08 0.00	122.59 7.70 0.00	126.80 7.54 -6.74	122.27 7.14 0.00	136.93 7.33 -9.48	139.20 7.10 -11.75	132.00 7.17 -3.30	131.18 7.78 0.00	132.21 7.60 0.00	138.17 7.45 0.00	141.63 8.77 0.00	153.70 9.60 -10.86	166.50 10.12 -19.68	191.90 11.84 -24.17	208.50 15.00 -16.87	185.70 14.33 -6.52	165.13 12.92 -3.59	158.50 11.04 -9.56	153.43 10.38 -16.43	142.90 8.06 -9.08	134.19 8.93 -4.53
NPX_GEN_CSC 323557	128.73 6.59 0.00	123.24 7.95 0.00	117.65 7.08 0.00	116.46 7.21 0.00	121.55 6.66 0.00	118.82 6.30 0.00	121.81 6.68 0.00	126.36 6.24 0.00	126.37 6.02 0.00	127.72 6.19 0.00	130.80 7.40 0.00	132.21 7.60 0.00	139.25 8.49 -0.04	142.88 9.97 -0.04	142.88 9.60 -0.04	212.31 10.12 -65.49	200.00 11.54 -32.58	200.00 14.65 -8.72	200.00 14.00 -21.15	200.00 13.08 -38.30	148.83 10.89 -0.04	136.79 10.13 -0.04	133.18 7.42 0.00	128.94 8.21 0.00
NSINS_S_GLNS_FALLS 23858	131.79 9.65 0.00	124.29 8.99 0.00	118.97 8.40 0.00	117.23 7.98 0.00	123.62 8.73 0.00	121.30 8.78 0.00	123.54 8.40 0.00	128.89 8.77 0.00	128.90 8.55 0.00	130.28 8.75 0.00	132.53 9.13 0.00	133.83 9.22 0.00	140.92 10.20 0.00	142.97 10.10 0.00	143.10 9.86 0.00	147.50 10.80 0.00	168.36 12.47 0.00	190.93 14.31 0.00	178.37 13.52 0.00	160.95 12.34 0.00	149.62 11.72 0.00	136.88 10.26 0.00	135.82 10.06 0.00	130.02 9.30 0.00
NUCOR_STEEL___DRP 24197	120.80 -1.34 0.00	114.03 -1.27 0.00	109.35 -1.22 0.00	108.05 -1.20 0.00	113.28 -1.61 0.00	110.95 -1.58 0.00	113.52 -1.61 0.00	119.04 -1.08 0.00	119.39 -0.96 0.00	120.68 -0.85 0.00	122.53 -0.86 0.00	123.86 -0.75 0.00	129.55 -1.18 0.00	131.41 -1.46 0.00	131.38 -1.87 0.00	134.65 -2.05 0.00	153.86 -2.03 0.00	174.33 -2.30 0.00	162.70 -2.14 0.00	146.24 -2.38 0.00	135.97 -1.93 0.00	124.59 -2.03 0.00	123.75 -2.01 0.00	119.03 -1.69 0.00
NUMBER_THREE_WT_PWR 323818	122.26 0.12 0.00	115.29 0.00 0.00	110.79 0.22 0.00	110.23 0.98 0.00	116.38 1.49 0.00	114.99 2.47 0.00	117.66 2.53 0.00	123.48 3.36 0.00	123.72 3.37 0.00	124.81 3.28 0.00	127.23 3.83 0.00	128.34 3.73 0.00	134.64 3.92 0.00	136.58 3.72 0.00	136.44 3.19 0.00	140.52 3.82 0.00	160.56 4.67 0.00	181.40 4.77 0.00	169.30 4.45 0.00	150.54 1.93 0.00	139.56 1.66 0.00	127.13 0.51 0.00	129.41 3.65 0.00	123.50 2.78 0.00
NYISO_LBMP_REFERENCE 24008	122.14 0.00 0.00	115.29 0.00 0.00	110.57 0.00 0.00	109.25 0.00 0.00	114.89 0.00 0.00	112.52 0.00 0.00	115.13 0.00 0.00	120.12 0.00 0.00	120.35 0.00 0.00	121.53 0.00 0.00	123.40 0.00 0.00	124.61 0.00 0.00	130.72 0.00 0.00	132.87 0.00 0.00	133.24 0.00 0.00	136.70 0.00 0.00	155.89 0.00 0.00	176.63 0.00 0.00	164.85 0.00 0.00	148.62 0.00 0.00	137.90 0.00 0.00	126.62 0.00 0.00	125.76 0.00 0.00	120.72 0.00 0.00
NYPA_BRENTWD____GT 24164	128.49 6.35 0.00	123.14 7.84 0.00	117.75 7.18 0.00	116.46 7.21 0.00	121.67 6.78 0.00	118.82 6.30 0.00	121.69 6.56 0.00	126.12 6.00 0.00	126.13 5.78 0.00	127.36 5.83 0.00	130.30 6.91 0.00	131.46 6.85 0.00	138.17 7.45 0.00	140.44 7.57 0.00	140.84 7.59 0.00	150.41 7.65 -6.06	168.41 9.51 -3.01	189.79 12.36 -0.81	178.83 12.03 -1.96	163.00 10.84 -3.54	147.01 9.10 0.00	134.98 8.35 0.00	132.93 7.16 0.00	128.69 7.97 0.00



NYPA_GOWANUS____GT5 24156	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
NYPA_GOWANUS____GT6 24157	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.55 2.03 0.00	117.31 2.18 0.00	121.56 1.45 0.00	122.16 1.81 0.00	123.83 2.30 0.00	126.73 3.33 0.00	128.22 3.62 0.00	134.90 4.18 0.00	138.04 5.18 0.00	138.44 5.19 0.00	141.62 4.91 0.00	161.49 5.60 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.31 6.69 0.00	143.14 5.24 0.00	131.94 5.32 0.00	130.42 4.66 0.00	125.91 5.19 0.00
NYPA_HARLEM__RVR__GT1 24160	127.39 5.25 0.00	119.79 4.49 -0.01	114.33 3.76 0.00	112.97 3.72 0.00	118.22 3.33 0.00	114.32 1.79 0.00	117.08 1.96 0.01	121.56 1.45 0.01	122.15 1.81 0.01	123.71 2.19 0.01	126.59 3.20 0.01	128.08 3.48 0.01	134.77 4.06 0.01	137.78 4.92 0.01	138.03 4.79 0.01	141.34 4.65 0.01	161.18 5.30 0.01	183.33 6.71 0.01	171.26 6.42 0.01	154.85 6.24 0.01	142.85 4.96 0.01	131.55 4.93 0.01	130.16 4.40 0.00	126.28 5.56 0.00
NYPA_HARLEM__RVR__GT2 24161	127.39 5.25 0.00	119.79 4.49 -0.01	114.33 3.76 0.00	112.97 3.72 0.00	118.22 3.33 0.00	114.32 1.79 0.00	117.08 1.96 0.01	121.56 1.45 0.01	122.15 1.81 0.01	123.71 2.19 0.01	126.59 3.20 0.01	128.08 3.48 0.01	134.77 4.06 0.01	137.78 4.92 0.01	138.03 4.79 0.01	141.34 4.65 0.01	161.18 5.30 0.01	183.33 6.71 0.01	171.26 6.42 0.01	154.85 6.24 0.01	142.85 4.96 0.01	131.55 4.93 0.01	130.16 4.40 0.00	126.28 5.56 0.00
NYPA_KENT____GT 24152	126.90 4.76 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.99 3.10 0.00	114.65 2.13 0.00	117.55 2.42 0.00	121.92 1.80 0.00	122.52 2.17 0.00	124.20 2.67 0.00	127.10 3.70 0.00	128.47 3.87 0.00	135.30 4.57 0.00	138.32 5.45 0.00	138.58 5.34 0.00	141.90 5.19 0.00	161.81 5.92 0.00	184.04 7.42 0.00	171.93 7.08 0.00	155.46 6.84 0.00	143.42 5.52 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.91 5.19 0.00
NYPA_POUCH1____GT 24155	126.53 4.39 0.00	118.87 3.58 0.00	113.66 3.09 0.00	112.09 2.84 0.00	117.53 2.64 0.00	113.98 1.46 0.00	116.74 1.61 0.00	120.96 0.85 0.01	121.55 1.20 0.01	123.22 1.70 0.01	126.10 2.71 0.01	127.47 2.87 0.01	134.25 3.53 0.01	137.38 4.52 0.01	137.63 4.39 0.01	140.94 4.24 0.01	160.72 4.84 0.01	182.80 6.18 0.01	170.94 6.10 0.01	154.56 5.95 0.01	142.44 4.54 0.01	131.31 4.69 0.00	129.91 4.14 0.00	125.56 4.83 0.00
NYPA_VERNON____GT2 24162	126.78 4.64 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.64 3.39 0.00	117.99 3.10 0.00	114.89 2.37 0.00	117.78 2.65 0.00	122.28 2.16 0.00	122.89 2.53 0.00	124.57 3.04 0.00	127.35 3.95 0.00	128.85 4.24 0.00	135.56 4.84 0.00	138.58 5.71 0.00	138.84 5.60 0.00	142.18 5.47 0.00	162.13 6.24 0.00	184.39 7.76 0.00	172.27 7.42 0.00	155.75 7.13 0.00	143.69 5.79 0.00	132.32 5.70 0.00	130.66 4.90 0.00	125.91 5.19 0.00
NYPA_VERNON____GT3 24163	126.78 4.64 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.64 3.39 0.00	117.99 3.10 0.00	114.89 2.37 0.00	117.78 2.65 0.00	122.28 2.16 0.00	122.89 2.53 0.00	124.57 3.04 0.00	127.35 3.95 0.00	128.85 4.24 0.00	135.56 4.84 0.00	138.58 5.71 0.00	138.84 5.60 0.00	142.18 5.47 0.00	162.13 6.24 0.00	184.39 7.76 0.00	172.27 7.42 0.00	155.75 7.13 0.00	143.69 5.79 0.00	132.32 5.70 0.00	130.66 4.90 0.00	125.91 5.19 0.00
NYPA____ASTORIA_CC1 323568	126.78 4.64 0.00	119.09 3.80 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.65 2.13 0.00	117.55 2.42 0.00	122.16 2.04 0.00	122.63 2.28 0.00	124.33 2.80 0.00	127.10 3.70 0.00	128.59 3.99 0.00	135.30 4.57 0.00	138.32 5.45 0.00	138.58 5.34 0.00	141.90 5.19 0.00	161.81 5.92 0.00	183.87 7.24 0.00	171.93 7.08 0.00	155.46 6.84 0.00	143.42 5.52 0.00	132.06 5.44 0.00	130.42 4.66 0.00	125.91 5.19 0.00
NYPA____ASTORIA_CC2 323569	126.78 4.64 0.00	119.09 3.80 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.87 2.98 0.00	114.65 2.13 0.00	117.55 2.42 0.00	122.16 2.04 0.00	122.63 2.28 0.00	124.33 2.80 0.00	127.10 3.70 0.00	128.59 3.99 0.00	135.30 4.57 0.00	138.32 5.45 0.00	138.58 5.34 0.00	141.90 5.19 0.00	161.81 5.92 0.00	183.87 7.24 0.00	171.93 7.08 0.00	155.46 6.84 0.00	143.42 5.52 0.00	132.06 5.44 0.00	130.42 4.66 0.00	125.91 5.19 0.00
NYPA____HOLTSVILL 23794	127.64 5.50 0.00	122.21 6.92 0.00	116.76 6.19 0.00	115.58 6.33 0.00	120.63 5.74 0.00	117.92 5.40 0.00	120.77 5.64 0.00	125.28 5.16 0.00	125.29 4.94 0.00	126.63 5.10 0.00	129.57 6.17 0.00	130.83 6.23 0.00	137.69 6.92 -0.04	141.15 8.24 -0.04	141.14 7.86 -0.04	210.58 8.34 -65.54	198.47 9.99 -32.60	198.24 12.89 -8.73	198.38 12.37 -21.16	198.10 11.15 -38.33	147.32 9.38 -0.04	135.39 8.73 -0.04	132.05 6.29 0.00	127.85 7.12 0.00
NYPA____HELLGATE_GT1 24158	127.39 5.25 0.00	119.79 4.49 -0.01	114.33 3.76 0.00	112.97 3.72 0.00	118.22 3.33 0.00	114.32 1.79 0.00	117.08 1.96 0.01	121.56 1.45 0.01	122.15 1.81 0.01	123.71 2.19 0.01	126.59 3.20 0.01	128.08 3.48 0.01	134.77 4.06 0.01	137.78 4.92 0.01	138.03 4.79 0.01	141.34 4.65 0.01	161.18 5.30 0.01	183.33 6.71 0.01	171.26 6.42 0.01	154.85 6.24 0.01	142.85 4.96 0.01	131.55 4.93 0.01	130.16 4.40 0.00	126.28 5.56 0.00
NYPA____HELLGATE_GT2 24159	127.39 5.25 0.00	119.79 4.49 -0.01	114.33 3.76 0.00	112.97 3.72 0.00	118.22 3.33 0.00	114.32 1.79 0.00	117.08 1.96 0.01	121.56 1.45 0.01	122.15 1.81 0.01	123.71 2.19 0.01	126.59 3.20 0.01	128.08 3.48 0.01	134.77 4.06 0.01	137.78 4.92 0.01	138.03 4.79 0.01	141.34 4.65 0.01	161.18 5.30 0.01	183.33 6.71 0.01	171.26 6.42 0.01	154.85 6.24 0.01	142.85 4.96 0.01	131.55 4.93 0.01	130.16 4.40 0.00	126.28 5.56 0.00
NYS_BARGE____HYD 23848	113.10 -9.04 0.00	107.57 -7.72 0.00	103.61 -6.96 0.00	102.26 -6.99 0.00	106.62 -8.27 0.00	104.20 -8.33 0.00	106.15 -8.98 0.00	110.15 -9.97 0.00	110.24 -10.11 0.00	112.54 -8.99 0.00	113.90 -9.50 0.00	114.89 -9.72 0.00	119.09 -11.63 0.00	118.92 -13.95 0.00	118.05 -15.19 0.00	119.88 -16.82 0.00	136.55 -19.34 0.00	154.72 -21.91 0.00	144.07 -20.78 0.00	128.40 -20.21 0.00	120.39 -17.52 0.00	112.06 -14.56 0.00	111.42 -14.34 0.00	110.83 -9.90 0.00
OAK ORCHARD____HYD 24046	117.01 -5.13 0.00	110.80 -4.50 0.00	106.37 -4.20 0.00	104.99 -4.26 0.00	109.95 -4.94 0.00	107.57 -4.95 0.00	110.07 -5.06 0.00	115.55 -4.56 0.00	115.78 -4.57 0.00	117.63 -3.89 0.00	119.33 -4.07 0.00	120.50 -4.11 0.00	125.62 -5.10 0.00	126.36 -6.51 0.00	126.05 -7.20 0.00	128.50 -8.20 0.00	146.22 -9.67 0.00	166.03 -10.59 0.00	154.47 -10.38 0.00	138.50 -10.11 0.00	129.22 -8.68 0.00	119.53 -7.09 0.00	118.60 -7.16 0.00	115.17 -5.55 0.00



OAKDALE___35_KV_LOAD 356122	120.67 -1.47 0.00	114.03 -1.27 0.00	109.46 -1.11 0.00	108.16 -1.09 0.00	113.40 -1.49 0.00	111.06 -1.46 0.00	113.52 -1.61 0.00	118.80 -1.32 0.00	119.03 -1.32 0.00	120.43 -1.09 0.00	122.41 -0.99 0.00	123.61 -1.00 0.00	129.28 -1.44 0.00	131.01 -1.86 0.00	130.98 -2.27 0.00	134.24 -2.46 0.00	153.39 -2.49 0.00	173.63 -3.00 0.00	162.05 -2.80 0.00	145.64 -2.97 0.00	135.42 -2.48 0.00	124.21 -2.41 0.00	123.37 -2.39 0.00	118.79 -1.93 0.00
OCC_CHEM___DRP 24175	110.29 -11.85 0.00	104.80 -10.49 0.00	103.05 -7.52 0.00	99.75 -9.50 0.00	103.52 -11.37 0.00	101.72 -10.80 0.00	103.73 -11.40 0.00	108.35 -11.77 0.00	108.68 -11.67 0.00	110.83 -10.69 0.00	112.42 -10.98 0.00	113.27 -11.34 0.00	117.52 -13.20 0.00	117.06 -15.81 0.00	116.19 -17.06 0.00	117.84 -18.86 0.00	134.37 -21.51 0.00	151.90 -24.73 0.00	141.60 -23.24 0.00	126.03 -22.59 0.00	118.18 -19.72 0.00	109.15 -17.47 0.00	109.16 -16.60 0.00	107.93 -12.80 0.00
OH_GEN_PROXY 24063	112.36 -9.78 0.00	106.64 -8.65 0.00	102.72 -7.85 0.00	101.38 -7.87 0.00	105.69 -9.20 0.00	103.41 -9.11 0.00	105.58 -9.55 0.00	110.50 -9.61 0.00	110.72 -9.63 0.00	112.78 -8.75 0.00	114.27 -9.13 0.00	115.26 -9.35 0.00	119.48 -11.24 0.00	119.31 -13.55 0.00	118.45 -14.79 0.00	120.29 -16.41 0.00	137.18 -18.71 0.00	155.25 -21.38 0.00	144.73 -20.12 0.00	128.85 -19.77 0.00	120.80 -17.10 0.00	112.44 -14.18 0.00	111.80 -13.96 0.00	110.10 -10.62 0.00
OLIN_CORP_DRP 24177	112.49 -9.65 0.00	107.11 -8.19 0.00	101.50 -9.07 0.00	101.82 -7.43 0.00	105.81 -9.08 0.00	103.86 -8.66 0.00	105.58 -9.56 0.00	108.95 -11.17 0.00	109.28 -11.07 0.00	111.44 -10.09 0.00	113.03 -10.37 0.00	113.89 -10.72 0.00	118.17 -12.55 0.00	117.72 -15.15 0.00	116.86 -16.39 0.00	118.52 -18.18 0.00	135.15 -20.73 0.00	152.96 -23.67 0.00	142.43 -22.42 0.00	126.92 -21.70 0.00	119.01 -18.89 0.00	109.78 -16.84 0.00	109.79 -15.97 0.00	109.98 -10.74 0.00
OLIN_CORP_DSASP 323712	110.29 -11.85 0.00	104.80 -10.49 0.00	103.05 -7.52 0.00	99.75 -9.50 0.00	103.52 -11.37 0.00	101.72 -10.80 0.00	103.73 -11.40 0.00	108.35 -11.77 0.00	108.68 -11.67 0.00	110.83 -10.69 0.00	112.42 -10.98 0.00	113.27 -11.34 0.00	117.52 -13.20 0.00	117.06 -15.81 0.00	116.19 -17.06 0.00	117.84 -18.86 0.00	134.37 -21.51 0.00	151.90 -24.73 0.00	141.60 -23.24 0.00	126.03 -22.59 0.00	118.18 -19.72 0.00	109.15 -17.47 0.00	109.16 -16.60 0.00	107.93 -12.80 0.00
ONEIDA_HERK_LFGE 323681	124.58 2.44 0.00	117.48 2.19 0.00	112.78 2.21 0.00	111.87 2.62 0.00	117.87 2.98 0.00	115.89 3.37 0.00	118.82 3.68 0.00	124.56 4.45 0.00	124.68 4.33 0.00	126.03 4.50 0.00	128.34 4.94 0.00	129.60 4.99 0.00	136.08 5.36 0.00	138.04 5.18 0.00	138.03 4.79 0.00	141.90 5.19 0.00	162.13 6.24 0.00	183.51 6.88 0.00	171.27 6.42 0.00	153.07 4.45 0.00	141.90 4.00 0.00	129.53 2.91 0.00	130.42 4.66 0.00	124.59 3.86 0.00
ONEIDA___115KV_TB4 55905	123.85 1.71 0.00	116.91 1.61 0.00	112.12 1.55 0.00	110.89 1.64 0.00	116.50 1.61 0.00	114.21 1.69 0.00	116.86 1.73 0.00	122.40 2.28 0.00	122.64 2.29 0.00	123.84 2.31 0.00	125.87 2.47 0.00	125.48 0.87 0.00	131.64 0.92 0.00	133.66 0.80 0.00	133.78 0.53 0.00	137.25 0.55 0.00	156.51 0.62 0.00	177.16 0.53 0.00	165.18 0.33 0.00	148.76 0.15 0.00	138.04 0.14 0.00	128.01 1.39 0.00	127.40 1.63 0.00	122.17 1.45 0.00
ONONDAGA_REF_OCCRA 23987	120.06 -2.08 0.00	113.33 -1.96 0.00	108.69 -1.88 0.00	107.39 -1.86 0.00	112.71 -2.18 0.00	110.38 -2.14 0.00	112.83 -2.30 0.00	118.19 -1.92 0.00	118.55 -1.81 0.00	119.83 -1.70 0.00	121.79 -1.60 0.00	122.99 -1.62 0.00	128.76 -1.96 0.00	130.61 -2.26 0.00	130.71 -2.53 0.00	133.97 -2.73 0.00	153.08 -2.81 0.00	173.45 -3.18 0.00	161.72 -3.13 0.00	145.64 -2.97 0.00	135.28 -2.62 0.00	124.09 -2.53 0.00	123.25 -2.52 0.00	118.43 -2.29 0.00
ONONDAGA___COGEN 23986	119.94 -2.20 0.00	113.22 -2.08 0.00	108.69 -1.88 0.00	107.28 -1.97 0.00	112.71 -2.18 0.00	110.27 -2.25 0.00	112.83 -2.30 0.00	118.19 -1.92 0.00	118.55 -1.81 0.00	119.83 -1.70 0.00	121.67 -1.73 0.00	122.99 -1.62 0.00	128.76 -1.96 0.00	130.61 -2.26 0.00	130.71 -2.53 0.00	133.97 -2.73 0.00	153.08 -2.81 0.00	173.27 -3.36 0.00	161.72 -3.13 0.00	145.49 -3.12 0.00	135.28 -2.62 0.00	124.09 -2.53 0.00	123.25 -2.52 0.00	118.31 -2.41 0.00
ONTARIO___LFGE 23819	118.96 -3.18 0.00	112.42 -2.88 0.00	107.81 -2.76 0.00	106.52 -2.73 0.00	111.67 -3.22 0.00	109.37 -3.15 0.00	111.91 -3.22 0.00	117.47 -2.64 0.00	117.82 -2.53 0.00	119.46 -2.07 0.00	121.18 -2.22 0.00	122.61 -2.00 0.00	127.97 -2.75 0.00	129.29 -3.58 0.00	129.11 -4.13 0.00	132.05 -4.65 0.00	150.75 -5.14 0.00	171.15 -5.48 0.00	159.24 -5.61 0.00	143.12 -5.50 0.00	133.21 -4.69 0.00	122.44 -4.18 0.00	121.49 -4.28 0.00	117.22 -3.50 0.00
ORANGEVILLE_WT_PWR 323706	116.04 -6.10 0.00	110.11 -5.19 0.00	106.03 -4.54 0.00	104.67 -4.58 0.00	109.38 -5.51 0.00	106.90 -5.62 0.00	109.03 -6.11 0.00	114.23 -5.88 0.00	114.22 -6.13 0.00	116.18 -5.34 0.00	117.23 -6.17 0.00	118.00 -6.61 0.00	122.35 -8.37 0.00	122.64 -10.23 0.00	122.05 -11.19 0.00	124.40 -12.30 0.00	142.17 -13.72 0.00	161.08 -15.54 0.00	149.85 -15.00 0.00	133.46 -15.16 0.00	124.66 -13.24 0.00	115.35 -11.27 0.00	114.82 -10.94 0.00	112.64 -8.09 0.00
ORANGEVILLE___ESR 323794	116.04 -6.10 0.00	110.11 -5.19 0.00	106.03 -4.54 0.00	104.67 -4.58 0.00	109.38 -5.51 0.00	106.90 -5.62 0.00	109.03 -6.11 0.00	114.23 -5.88 0.00	114.22 -6.13 0.00	116.18 -5.34 0.00	117.23 -6.17 0.00	118.00 -6.61 0.00	122.35 -8.37 0.00	122.64 -10.23 0.00	122.05 -11.19 0.00	124.40 -12.30 0.00	142.17 -13.72 0.00	161.08 -15.54 0.00	149.85 -15.00 0.00	133.46 -15.16 0.00	124.66 -13.24 0.00	115.35 -11.27 0.00	114.82 -10.94 0.00	112.64 -8.09 0.00
OSWEGATCHIE___HYD 24044	121.41 -0.73 0.00	114.95 -0.34 0.00	110.35 -0.22 0.00	109.47 0.22 0.00	115.58 0.69 0.00	113.65 1.13 0.00	115.94 0.81 0.00	121.32 1.20 0.00	121.43 1.08 0.00	122.38 0.86 0.00	124.76 1.36 0.00	125.60 0.99 0.00	131.51 0.79 0.00	133.27 0.40 0.00	133.24 0.00 0.00	136.98 0.27 0.00	156.04 0.16 0.00	176.28 -0.35 0.00	164.35 -0.49 0.00	147.13 -1.49 0.00	136.52 -1.38 0.00	124.59 -2.03 0.00	126.52 0.76 0.00	121.09 0.36 0.00
OSWEGO___5 23606	117.99 -4.15 0.00	111.37 -3.92 0.00	106.92 -3.65 0.00	105.65 -3.60 0.00	110.87 -4.02 0.00	108.58 -3.94 0.00	111.10 -4.03 0.00	116.16 -3.96 0.00	116.50 -3.86 0.00	117.76 -3.77 0.00	119.57 -3.83 0.00	120.74 -3.86 0.00	126.53 -4.19 0.00	128.35 -4.52 0.00	128.45 -4.79 0.00	131.79 -4.92 0.00	150.28 -5.61 0.00	170.28 -6.35 0.00	158.92 -5.93 0.00	142.97 -5.65 0.00	132.80 -5.10 0.00	122.07 -4.55 0.00	121.24 -4.52 0.00	116.50 -4.23 0.00
OSWEGO___6 23613	117.99 -4.15 0.00	111.37 -3.92 0.00	106.92 -3.65 0.00	105.65 -3.60 0.00	110.87 -4.02 0.00	108.58 -3.94 0.00	111.10 -4.03 0.00	116.16 -3.96 0.00	116.50 -3.86 0.00	117.76 -3.77 0.00	119.57 -3.83 0.00	120.74 -3.86 0.00	126.53 -4.19 0.00	128.35 -4.52 0.00	128.45 -4.79 0.00	131.79 -4.92 0.00	150.28 -5.61 0.00	170.28 -6.35 0.00	158.92 -5.93 0.00	142.97 -5.65 0.00	132.80 -5.10 0.00	122.07 -4.55 0.00	121.24 -4.52 0.00	116.50 -4.23 0.00



OUTOKUMPU-AB___DRP 24206	112.86 -9.28 0.00	107.22 -8.07 0.00	103.93 -6.63 0.00	102.15 -7.10 0.00	105.93 -8.96 0.00	104.08 -8.44 0.00	106.15 -8.98 0.00	110.27 -9.85 0.00	110.73 -9.63 0.00	112.90 -8.63 0.00	114.51 -8.88 0.00	115.39 -9.22 0.00	119.74 -10.98 0.00	119.45 -13.42 0.00	118.59 -14.66 0.00	120.43 -16.27 0.00	137.18 -18.71 0.00	155.61 -21.02 0.00	144.90 -19.95 0.00	129.00 -19.62 0.00	120.94 -16.96 0.00	111.43 -15.19 0.00	111.55 -14.21 0.00	110.34 -10.38 0.00
OXBOW___BTM 323836	111.03 -11.11 0.00	105.61 -9.68 0.00	102.50 -8.07 0.00	101.17 -8.08 0.00	105.47 -9.42 0.00	103.07 -9.45 0.00	105.00 -10.13 0.00	109.07 -11.05 0.00	109.16 -11.19 0.00	111.44 -10.09 0.00	112.91 -10.49 0.00	113.76 -10.84 0.00	117.92 -12.81 0.00	117.72 -15.15 0.00	116.85 -16.39 0.00	118.65 -18.05 0.00	135.15 -20.73 0.00	152.96 -23.66 0.00	142.59 -22.26 0.00	126.91 -21.70 0.00	119.01 -18.89 0.00	110.79 -15.83 0.00	110.42 -15.35 0.00	108.77 -11.95 0.00
OXBOW___ 24026	111.02 -11.11 0.00	105.61 -9.68 0.00	103.71 -6.86 0.00	101.17 -8.08 0.00	104.32 -10.57 0.00	103.07 -9.45 0.00	105.00 -10.13 0.00	108.83 -11.29 0.00	109.16 -11.19 0.00	111.44 -10.09 0.00	113.03 -10.37 0.00	113.77 -10.84 0.00	118.17 -12.55 0.00	117.72 -15.15 0.00	116.86 -16.39 0.00	118.52 -18.18 0.00	135.15 -20.73 0.00	152.96 -23.67 0.00	142.59 -22.25 0.00	126.92 -21.70 0.00	119.01 -18.89 0.00	109.78 -16.84 0.00	109.92 -15.85 0.00	108.65 -12.07 0.00
OXY_CHEM_DSASP 323612	110.29 -11.85 0.00	104.80 -10.49 0.00	103.05 -7.52 0.00	99.75 -9.50 0.00	103.52 -11.37 0.00	101.72 -10.80 0.00	103.73 -11.40 0.00	108.35 -11.77 0.00	108.68 -11.67 0.00	110.83 -10.69 0.00	112.42 -10.98 0.00	113.27 -11.34 0.00	117.52 -13.20 0.00	117.06 -15.81 0.00	116.19 -17.06 0.00	117.84 -18.86 0.00	134.37 -21.51 0.00	151.90 -24.73 0.00	141.60 -23.24 0.00	126.03 -22.59 0.00	118.18 -19.72 0.00	109.15 -17.47 0.00	109.16 -16.60 0.00	107.93 -12.80 0.00
OZONE_PARK_ESR 323760	127.39 5.25 0.00	119.79 4.50 0.00	114.66 4.09 0.00	113.18 3.93 0.00	118.80 3.91 0.00	116.01 3.49 0.00	119.16 4.03 0.00	123.72 3.60 0.00	124.20 3.85 0.00	125.78 4.25 0.00	128.83 5.43 0.00	130.46 5.86 0.00	137.13 6.41 0.00	140.18 7.31 0.00	140.44 7.20 0.00	143.81 7.11 0.00	164.15 8.26 0.00	186.52 9.89 0.00	174.24 9.40 0.00	157.53 8.92 0.00	145.49 7.58 0.00	133.84 7.22 0.00	132.05 6.29 0.00	126.52 5.79 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	110.29 -11.85 0.00	104.80 -10.49 0.00	103.05 -7.52 0.00	99.75 -9.50 0.00	103.52 -11.37 0.00	101.72 -10.80 0.00	103.73 -11.40 0.00	108.35 -11.77 0.00	108.68 -11.67 0.00	110.83 -10.69 0.00	112.42 -10.98 0.00	113.27 -11.34 0.00	117.52 -13.20 0.00	117.06 -15.81 0.00	116.19 -17.06 0.00	117.84 -18.86 0.00	134.37 -21.51 0.00	151.90 -24.73 0.00	141.60 -23.24 0.00	126.03 -22.59 0.00	118.18 -19.72 0.00	109.15 -17.47 0.00	109.16 -16.60 0.00	107.93 -12.80 0.00
PACKARD__115KV_DUPONT_184 80571	110.29 -11.85 0.00	104.80 -10.49 0.00	101.17 -9.40 0.00	99.74 -9.51 0.00	104.09 -10.80 0.00	101.72 -10.80 0.00	103.73 -11.40 0.00	108.58 -11.53 0.00	108.80 -11.55 0.00	110.83 -10.70 0.00	112.29 -11.11 0.00	113.27 -11.34 0.00	117.39 -13.34 0.00	117.05 -15.81 0.00	116.19 -17.06 0.00	117.84 -18.87 0.00	134.37 -21.51 0.00	151.90 -24.73 0.00	141.61 -23.24 0.00	126.03 -22.58 0.00	118.18 -19.72 0.00	110.16 -16.46 0.00	109.79 -15.97 0.00	108.17 -12.56 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	127.27 5.13 0.00	119.67 4.38 0.00	114.22 3.65 0.00	112.75 3.50 0.00	118.22 3.33 0.00	114.32 1.80 0.00	117.09 1.96 0.00	121.44 1.32 0.00	121.92 1.56 0.00	123.47 1.94 0.00	126.48 3.08 0.00	128.10 3.49 0.00	134.64 3.92 0.00	137.78 4.92 0.00	138.04 4.80 0.00	141.21 4.51 0.00	161.19 5.30 0.00	183.16 6.54 0.00	171.11 6.26 0.00	154.71 6.09 0.00	142.87 4.96 0.00	131.56 4.94 0.00	130.17 4.40 0.00	125.92 5.19 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	128.25 6.11 0.00	120.60 5.30 0.00	115.21 4.64 0.00	113.73 4.48 0.00	119.14 4.25 0.00	115.22 2.70 0.00	118.01 2.88 0.00	122.40 2.28 0.00	123.00 2.65 0.00	124.57 3.04 0.00	127.59 4.20 0.00	129.09 4.49 0.00	135.69 4.97 0.00	138.85 5.98 0.00	139.11 5.86 0.00	142.31 5.60 0.00	162.43 6.55 0.00	184.58 7.95 0.00	172.43 7.58 0.00	155.90 7.28 0.00	143.97 6.07 0.00	132.57 5.95 0.00	131.30 5.53 0.00	127.12 6.40 0.00
PATROON__115KV_TB1 80586	127.15 5.01 0.00	120.02 4.73 0.00	114.99 4.42 0.00	113.51 4.26 0.00	119.26 4.37 0.00	116.80 4.28 0.00	119.28 4.14 0.00	124.20 4.08 0.00	124.33 3.97 0.00	125.66 4.13 0.00	128.21 4.81 0.00	129.47 4.86 0.00	135.95 5.23 0.00	138.45 5.58 0.00	137.77 4.53 0.00	141.76 5.06 0.00	161.34 5.46 0.00	182.63 6.01 0.00	170.78 5.93 0.00	154.26 5.65 0.00	143.14 5.24 0.00	131.68 5.06 0.00	131.17 5.41 0.00	125.67 4.95 0.00
PATTRSNVILLE___SOLAR 323815	127.03 4.89 0.00	119.79 4.49 0.00	114.77 4.20 0.00	113.18 3.93 0.00	119.25 4.36 0.00	116.80 4.27 0.00	119.27 4.14 0.00	124.43 4.32 0.00	123.96 3.61 0.00	124.68 3.15 0.00	126.60 3.20 0.00	127.97 3.37 0.00	134.64 3.92 0.00	137.25 4.38 0.00	137.78 4.53 0.00	142.31 5.61 0.00	162.91 7.02 0.00	184.76 8.13 0.00	172.43 7.59 0.00	155.60 6.99 0.00	144.39 6.48 0.00	132.18 5.56 0.00	130.92 5.16 0.00	125.43 4.70 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	116.15 -5.98 0.00	110.22 -5.07 0.00	105.92 -4.64 0.00	104.77 -4.48 0.00	109.03 -5.86 0.00	106.78 -5.74 0.00	108.92 -6.22 0.00	113.63 -6.49 0.00	113.97 -6.38 0.00	116.18 -5.35 0.00	117.85 -5.55 0.00	118.75 -5.86 0.00	123.40 -7.32 0.00	123.30 -9.57 0.00	122.45 -10.79 0.00	124.81 -11.89 0.00	142.48 -13.41 0.00	161.61 -15.01 0.00	150.51 -14.34 0.00	133.90 -14.71 0.00	125.35 -12.55 0.00	115.35 -11.27 0.00	115.20 -10.56 0.00	113.48 -7.24 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	128.00 5.86 0.00	120.60 5.30 0.00	115.43 4.87 0.00	113.84 4.59 0.00	119.60 4.71 0.00	116.80 4.28 0.00	119.74 4.61 0.00	124.32 4.20 0.00	124.45 4.09 0.00	125.66 4.13 0.00	128.70 5.31 0.00	130.21 5.61 0.00	137.00 6.27 0.00	140.18 7.31 0.00	140.31 7.06 0.00	144.08 7.38 0.00	164.62 8.73 0.00	187.05 10.42 0.00	174.57 9.73 0.00	157.53 8.92 0.00	145.62 7.72 0.00	133.84 7.22 0.00	132.18 6.41 0.00	126.04 5.31 0.00
PEEKSKILL___ 23653	125.80 3.66 0.00	118.52 3.22 0.00	113.44 2.87 0.00	112.09 2.84 0.00	117.53 2.64 0.00	114.89 2.37 0.00	117.89 2.76 0.00	122.64 2.53 0.00	122.89 2.53 0.00	124.33 2.80 0.00	127.10 3.70 0.00	128.47 3.87 0.00	135.17 4.45 0.00	138.04 5.18 0.00	138.31 5.06 0.00	141.90 5.19 0.00	161.81 5.92 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.15 6.53 0.00	143.42 5.52 0.00	131.81 5.19 0.00	130.16 4.40 0.00	124.70 3.98 0.00
PGE MADISON___WINDPWR 24146	130.44 8.31 0.00	123.13 7.84 0.00	118.31 7.74 0.00	117.33 8.08 0.00	122.93 8.04 0.00	120.62 8.10 0.00	123.88 8.75 0.00	130.93 10.81 0.00	131.07 10.71 0.00	132.10 10.57 0.00	133.76 10.37 0.00	135.07 10.47 0.00	141.44 10.72 0.00	143.10 10.23 0.00	142.70 9.46 0.00	147.09 10.39 0.00	168.67 12.78 0.00	190.93 14.31 0.00	177.87 13.02 0.00	159.32 10.70 0.00	147.83 9.93 0.00	133.84 7.22 0.00	133.56 7.80 0.00	127.49 6.76 0.00



PIERCEFIELD___HYD 23852	122.14 0.00 0.00	115.99 0.69 0.00	111.34 0.77 0.00	110.34 1.09 0.00	116.50 1.61 0.00	114.21 1.69 0.00	116.97 1.84 0.00	122.16 2.04 0.00	122.28 1.93 0.00	122.99 1.46 0.00	124.26 0.86 0.00	124.86 0.25 0.00	130.46 -0.26 0.00	132.07 -0.80 0.00	132.31 -0.93 0.00	135.74 -0.96 0.00	154.80 -1.09 0.00	175.21 -1.41 0.00	163.20 -1.65 0.00	146.98 -1.63 0.00	136.52 -1.38 0.00	124.85 -1.77 0.00	125.51 -0.25 0.00	120.72 0.00 0.00
PINELAWN_CC_1 323563	127.39 5.25 0.00	121.86 6.57 0.00	116.54 5.97 0.00	115.25 6.00 0.00	120.40 5.51 0.00	117.59 5.07 0.00	120.54 5.41 0.00	124.93 4.81 0.00	125.04 4.69 0.00	126.39 4.87 0.00	129.20 5.80 0.00	130.46 5.86 0.00	137.26 6.53 0.00	140.44 7.57 0.00	140.57 7.32 0.00	147.05 7.65 -2.69	166.58 9.35 -1.34	189.35 12.36 -0.36	177.59 11.88 -0.87	160.90 10.71 -1.58	146.86 8.96 0.00	134.85 8.23 0.00	131.92 6.16 0.00	127.48 6.76 0.00
PJM_GEN_HTTP_PROXY 323702	126.29 4.16 0.00	118.87 3.58 0.00	113.78 3.21 0.00	112.30 3.05 0.00	117.87 2.98 0.00	115.11 2.59 0.00	118.24 3.11 0.00	122.88 2.76 0.00	123.36 3.01 0.00	124.93 3.40 0.00	127.71 4.32 0.00	129.09 4.48 0.00	135.96 5.23 0.00	138.85 5.98 0.00	139.10 5.86 0.00	142.58 5.87 0.00	162.58 6.70 0.00	184.76 8.13 0.00	172.60 7.75 0.00	156.04 7.43 0.00	144.11 6.21 0.00	132.45 5.83 0.00	130.66 4.90 0.00	125.43 4.70 0.00
PJM_GEN_KEystone 24065	81.77 -2.32 38.05	71.34 -2.07 41.88	70.10 -1.88 38.59	72.27 -1.96 35.02	70.56 -2.53 41.80	69.19 -2.70 40.63	84.51 -2.76 27.86	92.68 -2.76 24.68	89.57 -2.76 28.02	83.33 -2.31 35.89	88.19 -1.98 33.23	79.10 -2.00 43.51	77.32 -2.49 50.91	78.50 -2.92 51.44	76.02 -3.33 53.90	82.03 -3.83 50.84	103.88 -4.20 47.80	118.14 -4.59 53.89	121.27 -4.29 39.29	113.30 -4.31 31.00	110.35 -3.86 23.69	105.35 -3.16 18.11	88.55 -3.52 33.69	88.65 -2.54 29.53
PJM_GEN_NEPTUNE_PROXY 323594	126.29 4.16 0.00	120.49 5.19 0.00	115.21 4.64 0.00	113.94 4.69 0.00	119.14 4.25 0.00	116.35 3.83 0.00	119.27 4.14 0.00	123.72 3.60 0.00	123.85 3.49 0.00	125.17 3.64 0.00	128.21 4.81 0.00	129.34 4.73 0.00	136.08 5.36 0.00	139.38 6.51 0.00	139.51 6.26 0.00	143.26 6.56 0.00	163.68 7.79 0.00	186.87 10.24 0.00	174.74 9.89 0.00	157.68 9.07 0.00	145.34 7.44 0.00	133.71 7.09 0.00	130.66 4.90 0.00	126.16 5.44 0.00
PJM_GEN_VFT_PROXY 323633	125.55 3.42 0.00	118.18 2.88 0.00	113.11 2.55 0.00	111.76 2.51 0.00	117.19 2.30 0.00	114.55 2.03 0.00	117.66 2.53 0.00	122.28 2.16 0.00	122.76 2.41 0.00	124.33 2.80 0.00	127.23 3.83 0.00	128.59 3.99 0.00	135.42 4.70 0.00	138.32 5.45 0.00	138.71 5.47 0.00	142.03 5.33 0.00	161.96 6.07 0.00	184.04 7.42 0.00	171.93 7.08 0.00	155.46 6.84 0.00	143.56 5.66 0.00	132.06 5.44 0.00	130.16 4.40 0.00	124.83 4.11 0.00
PLATSBURG_115KV_PMLD1 355749	122.87 0.73 0.00	115.87 0.58 0.00	111.45 0.88 0.00	110.45 1.20 0.00	116.73 1.84 0.00	114.43 1.91 0.00	117.44 2.30 0.00	121.56 1.44 0.00	121.92 1.56 0.00	121.77 0.24 0.00	123.03 -0.37 0.00	123.98 -0.62 0.00	130.46 -0.26 0.00	132.47 -0.40 0.00	133.11 -0.13 0.00	136.57 -0.14 0.00	156.04 0.16 0.00	176.63 0.00 0.00	164.52 -0.33 0.00	148.32 -0.30 0.00	137.90 0.00 0.00	126.24 -0.38 0.00	125.51 -0.25 0.00	121.21 0.48 0.00
PLEASANTVLY___LBMP 24000	125.93 3.79 0.00	118.75 3.46 0.00	113.78 3.21 0.00	112.31 3.06 0.00	117.88 2.99 0.00	115.33 2.81 0.00	118.13 2.99 0.00	122.76 2.64 0.00	123.00 2.65 0.00	124.44 2.92 0.00	127.22 3.83 0.00	128.72 4.11 0.00	135.17 4.44 0.00	138.05 5.18 0.00	138.31 5.06 0.00	141.76 5.06 0.00	161.81 5.92 0.00	183.69 7.07 0.00	171.61 6.76 0.00	155.01 6.39 0.00	143.42 5.52 0.00	131.81 5.19 0.00	130.29 4.53 0.00	124.71 3.98 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	126.41 4.27 0.00	119.10 3.80 0.00	114.11 3.54 0.00	112.64 3.39 0.00	118.22 3.33 0.00	115.56 3.04 0.00	118.47 3.34 0.00	123.12 3.00 0.00	123.48 3.13 0.00	124.81 3.28 0.00	127.84 4.44 0.00	129.34 4.74 0.00	135.82 5.10 0.00	138.85 5.98 0.00	138.97 5.73 0.00	142.58 5.88 0.00	162.75 6.86 0.00	184.93 8.30 0.00	172.76 7.91 0.00	156.05 7.43 0.00	144.11 6.21 0.00	132.57 5.95 0.00	130.92 5.16 0.00	125.19 4.47 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	126.41 4.27 0.00	119.10 3.80 0.00	114.11 3.54 0.00	112.64 3.39 0.00	118.22 3.33 0.00	115.56 3.04 0.00	118.47 3.34 0.00	123.12 3.00 0.00	123.48 3.13 0.00	124.81 3.28 0.00	127.84 4.44 0.00	129.34 4.74 0.00	135.82 5.10 0.00	138.85 5.98 0.00	138.97 5.73 0.00	142.58 5.88 0.00	162.75 6.86 0.00	184.93 8.30 0.00	172.76 7.91 0.00	156.05 7.43 0.00	144.11 6.21 0.00	132.57 5.95 0.00	130.92 5.16 0.00	125.19 4.47 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	127.15 5.01 0.00	119.79 4.50 0.00	114.77 4.20 0.00	113.29 4.04 0.00	118.91 4.02 0.00	116.23 3.71 0.00	119.16 4.03 0.00	123.84 3.72 0.00	123.84 3.49 0.00	125.05 3.52 0.00	127.84 4.44 0.00	129.34 4.74 0.00	135.95 5.23 0.00	138.85 5.98 0.00	139.24 6.00 0.00	142.85 6.15 0.00	163.21 7.33 0.00	185.28 8.65 0.00	173.09 8.24 0.00	156.34 7.73 0.00	144.66 6.76 0.00	132.95 6.33 0.00	131.42 5.66 0.00	125.55 4.83 0.00
POLETTI_____ 23519	126.05 3.91 0.00	118.52 3.23 0.00	113.00 2.43 0.00	111.54 2.29 0.00	116.96 2.07 0.00	112.97 0.45 0.00	115.71 0.58 0.00	120.00 -0.12 0.00	120.59 0.24 0.00	122.14 0.61 0.00	125.13 1.73 0.00	126.73 2.12 0.00	133.21 2.48 0.00	136.32 3.45 0.00	136.58 3.33 0.00	139.71 3.01 0.00	159.47 3.59 0.00	181.22 4.59 0.00	169.46 4.62 0.00	153.22 4.61 0.00	141.35 3.45 0.00	130.17 3.55 0.00	128.91 3.14 0.00	124.83 4.10 0.00
POMONA___ESR 323819	125.44 3.30 0.00	118.18 2.88 0.00	113.11 2.55 0.00	111.65 2.40 0.00	117.19 2.30 0.00	114.55 2.03 0.00	117.55 2.42 0.00	122.28 2.16 0.00	122.52 2.17 0.00	123.96 2.43 0.00	126.73 3.33 0.00	127.97 3.37 0.00	134.64 3.92 0.00	137.52 4.65 0.00	137.78 4.53 0.00	141.35 4.65 0.00	161.34 5.45 0.00	183.34 6.71 0.00	171.27 6.42 0.00	154.71 6.10 0.00	143.01 5.11 0.00	131.43 4.81 0.00	129.79 4.02 0.00	124.34 3.62 0.00
PORT_JEFF_3 23555	127.88 5.74 0.00	122.44 7.15 0.00	116.98 6.41 0.00	115.80 6.55 0.00	120.98 6.09 0.00	118.14 5.62 0.00	121.12 5.98 0.00	125.53 5.41 0.00	125.53 5.17 0.00	126.87 5.34 0.00	129.93 6.54 0.00	131.21 6.60 0.00	138.08 7.32 -0.04	141.54 8.63 -0.04	141.55 8.26 -0.04	211.98 8.76 -66.53	199.43 10.45 -33.09	198.74 13.25 -8.86	199.03 12.69 -21.48	199.13 11.60 -38.91	147.73 9.79 -0.04	135.78 9.12 -0.04	132.42 6.66 0.00	128.09 7.37 0.00
PORT_JEFF_4 23616	127.88 5.74 0.00	122.44 7.15 0.00	116.98 6.41 0.00	115.80 6.55 0.00	120.98 6.09 0.00	118.14 5.62 0.00	121.12 5.98 0.00	125.53 5.41 0.00	125.53 5.17 0.00	126.87 5.34 0.00	129.93 6.54 0.00	131.21 6.60 0.00	138.08 7.32 -0.04	141.54 8.63 -0.04	141.55 8.26 -0.04	211.98 8.76 -66.53	199.43 10.45 -33.09	198.74 13.25 -8.86	199.03 12.69 -21.48	199.13 11.60 -38.91	147.73 9.79 -0.04	135.78 9.12 -0.04	132.42 6.66 0.00	128.09 7.37 0.00



PORT_JEFF_IC 23713	128.12 5.98 0.00	122.67 7.38 0.00	117.20 6.63 0.00	116.02 6.77 0.00	121.21 6.32 0.00	118.37 5.85 0.00	121.35 6.22 0.00	125.28 5.17 0.00	125.53 5.18 0.00	126.39 4.86 0.00	129.94 6.54 0.00	131.83 7.23 0.00	138.35 7.58 -0.04	141.81 8.90 -0.04	141.95 8.66 -0.04	215.96 9.16 -70.10	201.20 10.44 -34.87	199.39 13.42 -9.33	200.34 12.86 -22.64	201.66 148.15 -41.00	148.15 10.20 -0.04	136.41 9.75 -0.04	132.81 7.04 0.00	127.85 7.12 0.00
PPL PILGRIM_ST_GT1 24216	128.49 6.35 0.00	123.14 7.84 0.00	117.75 7.18 0.00	116.46 7.21 0.00	121.67 6.78 0.00	118.82 6.30 0.00	121.69 6.56 0.00	126.12 6.00 0.00	126.13 5.78 0.00	127.36 5.83 0.00	130.30 6.91 0.00	131.46 6.85 0.00	138.17 7.45 0.00	140.44 7.57 0.00	140.84 7.59 0.00	150.41 7.65 -6.06	168.41 9.51 -3.01	189.79 12.36 -0.81	178.83 12.03 -1.96	163.00 10.84 -3.54	147.01 9.10 0.00	134.98 8.35 0.00	132.93 7.16 0.00	128.69 7.97 0.00
PPL PILGRIM_ST_GT2 24217	128.49 6.35 0.00	123.14 7.84 0.00	117.75 7.18 0.00	116.46 7.21 0.00	121.67 6.78 0.00	118.82 6.30 0.00	121.69 6.56 0.00	126.12 6.00 0.00	126.13 5.78 0.00	127.36 5.83 0.00	130.30 6.91 0.00	131.46 6.85 0.00	138.17 7.45 0.00	140.44 7.57 0.00	140.84 7.59 0.00	150.41 7.65 -6.06	168.41 9.51 -3.01	189.79 12.36 -0.81	178.83 12.03 -1.96	163.00 10.84 -3.54	147.01 9.10 0.00	134.98 8.35 0.00	132.93 7.16 0.00	128.69 7.97 0.00
PPL_SHRM_GT3 24213	128.73 6.59 0.00	123.24 7.95 0.00	117.75 7.18 0.00	116.57 7.32 0.00	121.67 6.78 0.00	118.82 6.30 0.00	121.81 6.68 0.00	126.36 6.24 0.00	126.37 6.02 0.00	127.72 6.19 0.00	130.93 7.53 0.00	132.34 7.73 0.00	139.39 8.63 -0.04	142.88 9.97 -0.04	142.88 9.60 -0.04	213.03 10.26 -66.07	200.45 11.70 -32.87	200.26 14.84 -8.80	200.52 14.33 -21.34	200.48 13.22 -38.65	148.98 11.04 -0.04	136.91 10.25 -0.04	133.31 7.55 0.00	129.05 8.32 0.00
PPL_SHRM_GT4 24214	128.73 6.59 0.00	123.24 7.95 0.00	117.75 7.18 0.00	116.57 7.32 0.00	121.67 6.78 0.00	118.82 6.30 0.00	121.81 6.68 0.00	126.36 6.24 0.00	126.37 6.02 0.00	127.72 6.19 0.00	130.93 7.53 0.00	132.34 7.73 0.00	139.39 8.63 -0.04	142.88 9.97 -0.04	142.88 9.60 -0.04	213.03 10.26 -66.07	200.45 11.70 -32.87	200.26 14.84 -8.80	200.52 14.33 -21.34	200.48 13.22 -38.65	148.98 11.04 -0.04	136.91 10.25 -0.04	133.31 7.55 0.00	129.05 8.32 0.00
PROJECT___ORANGE 1 24174	119.45 -2.69 0.00	112.76 -2.54 0.00	108.14 -2.43 0.00	106.85 -2.40 0.00	112.13 -2.76 0.00	109.82 -2.70 0.00	112.25 -2.88 0.00	117.59 -2.52 0.00	117.95 -2.41 0.00	119.22 -2.31 0.00	121.05 -2.34 0.00	122.36 -2.24 0.00	128.11 -2.61 0.00	129.94 -2.92 0.00	129.91 -3.33 0.00	133.28 -3.42 0.00	152.15 -3.74 0.00	172.39 -4.24 0.00	160.73 -4.12 0.00	144.75 -3.86 0.00	134.45 -3.45 0.00	123.33 -3.29 0.00	122.62 -3.14 0.00	117.83 -2.90 0.00
PROJECT___ORANGE 2 24166	119.45 -2.69 0.00	112.76 -2.54 0.00	108.14 -2.43 0.00	106.85 -2.40 0.00	112.13 -2.76 0.00	109.82 -2.70 0.00	112.25 -2.88 0.00	117.59 -2.52 0.00	117.95 -2.41 0.00	119.22 -2.31 0.00	121.05 -2.34 0.00	122.36 -2.24 0.00	128.11 -2.61 0.00	129.94 -2.92 0.00	129.91 -3.33 0.00	133.28 -3.42 0.00	152.15 -3.74 0.00	172.39 -4.24 0.00	160.73 -4.12 0.00	144.75 -3.86 0.00	134.45 -3.45 0.00	123.33 -3.29 0.00	122.62 -3.14 0.00	117.83 -2.90 0.00
PUCKETT___SOLAR 323809	123.36 1.22 0.00	116.45 1.15 0.00	111.90 1.33 0.00	110.57 1.32 0.00	115.92 1.03 0.00	113.53 1.01 0.00	116.17 1.03 0.00	122.03 1.92 0.00	122.16 1.81 0.00	123.35 1.83 0.00	125.12 1.73 0.00	126.35 1.74 0.00	132.30 1.57 0.00	134.06 1.19 0.00	134.05 0.80 0.00	137.67 0.96 0.00	157.45 1.56 0.00	178.39 1.77 0.00	166.50 1.65 0.00	149.51 0.90 0.00	139.00 1.10 0.00	127.13 0.51 0.00	126.27 0.51 0.00	121.33 0.61 0.00
PYRITES___HYD 24023	124.34 2.20 0.00	118.06 2.77 0.00	113.22 2.65 0.00	112.20 2.95 0.00	118.34 3.45 0.00	116.01 3.49 0.00	118.93 3.80 0.00	124.32 4.20 0.00	124.33 3.97 0.00	125.05 3.52 0.00	126.11 2.71 0.00	126.73 2.12 0.00	132.68 1.96 0.00	134.46 1.59 0.00	134.84 1.60 0.00	138.62 1.91 0.00	158.38 2.49 0.00	179.45 2.83 0.00	167.16 2.31 0.00	150.40 1.78 0.00	139.69 1.79 0.00	127.63 1.01 0.00	128.15 2.39 0.00	123.02 2.29 0.00
QUAKERRD_115KV_BK1 80622	114.93 -7.21 0.00	108.72 -6.57 0.00	104.38 -6.19 0.00	103.02 -6.23 0.00	107.77 -7.12 0.00	105.66 -6.86 0.00	108.11 -7.02 0.00	113.27 -6.85 0.00	113.73 -6.62 0.00	115.45 -6.08 0.00	117.35 -6.05 0.00	118.50 -6.11 0.00	123.79 -6.93 0.00	124.63 -8.24 0.00	124.45 -8.79 0.00	127.00 -9.71 0.00	144.66 -11.22 0.00	164.09 -12.54 0.00	152.81 -12.03 0.00	137.17 -11.44 0.00	127.84 -10.07 0.00	117.50 -9.12 0.00	116.83 -8.93 0.00	113.12 -7.61 0.00
QUENSBRY_115KV_TB8 356137	132.15 10.02 0.00	124.63 9.34 0.00	119.30 8.73 0.00	117.44 8.19 0.00	123.97 9.08 0.00	121.63 9.11 0.00	123.88 8.75 0.00	129.25 9.13 0.00	129.26 8.91 0.00	130.64 9.11 0.00	132.90 9.50 0.00	134.20 9.59 0.00	141.31 10.59 0.00	143.36 10.50 0.00	143.37 10.13 0.00	147.91 11.21 0.00	168.82 12.94 0.00	191.46 14.84 0.00	178.86 14.01 0.00	161.40 12.78 0.00	150.04 12.14 0.00	137.26 10.64 0.00	136.08 10.31 0.00	130.26 9.54 0.00
RAMAPO___LBMP 323565	125.07 2.93 0.00	117.83 2.54 0.00	112.89 2.32 0.00	111.44 2.19 0.00	116.96 2.07 0.00	114.32 1.80 0.00	117.20 2.07 0.00	121.80 1.68 0.00	122.04 1.68 0.00	123.47 1.94 0.00	126.24 2.84 0.00	127.72 3.12 0.00	134.25 3.53 0.00	137.12 4.25 0.00	137.38 4.13 0.00	140.94 4.24 0.00	160.87 4.99 0.00	182.63 6.01 0.00	170.62 5.77 0.00	154.11 5.50 0.00	142.59 4.69 0.00	131.05 4.43 0.00	129.41 3.65 0.00	123.86 3.14 0.00
RANKINE___ 23646	115.42 -6.72 0.00	109.64 -5.65 0.00	105.37 -5.20 0.00	104.12 -5.13 0.00	108.34 -6.55 0.00	106.11 -6.41 0.00	108.22 -6.91 0.00	113.03 -7.09 0.00	113.37 -6.98 0.00	115.57 -5.95 0.00	117.23 -6.17 0.00	118.00 -6.60 0.00	122.62 -8.10 0.00	122.37 -10.50 0.00	121.52 -11.73 0.00	123.58 -13.12 0.00	140.92 -14.97 0.00	159.85 -16.78 0.00	148.86 -15.99 0.00	132.57 -16.05 0.00	124.11 -13.79 0.00	114.34 -12.28 0.00	114.32 -11.44 0.00	112.76 -7.97 0.00
RAVENSWOOD_GT2_1 24244	126.41 4.27 0.00	118.98 3.69 0.00	113.89 3.32 0.00	112.42 3.17 0.00	117.88 2.99 0.00	115.11 2.59 0.00	118.24 3.11 0.00	122.64 2.52 0.00	123.12 2.77 0.00	124.69 3.16 0.00	127.72 4.32 0.00	129.22 4.61 0.00	135.82 5.10 0.00	138.85 5.98 0.00	139.11 5.86 0.00	142.44 5.74 0.00	162.59 6.70 0.00	184.75 8.12 0.00	172.60 7.75 0.00	156.05 7.43 0.00	144.11 6.21 0.00	132.57 5.95 0.00	130.79 5.03 0.00	125.43 4.71 0.00
RAVENSWOOD_GT2_2 24245	126.41 4.27 0.00	118.98 3.69 0.00	113.89 3.32 0.00	112.42 3.17 0.00	117.88 2.99 0.00	115.11 2.59 0.00	118.24 3.11 0.00	122.64 2.52 0.00	123.12 2.77 0.00	124.69 3.16 0.00	127.72 4.32 0.00	129.22 4.61 0.00	135.82 5.10 0.00	138.85 5.98 0.00	139.11 5.86 0.00	142.44 5.74 0.00	162.59 6.70 0.00	184.75 8.12 0.00	172.60 7.75 0.00	156.05 7.43 0.00	144.11 6.21 0.00	132.57 5.95 0.00	130.79 5.03 0.00	125.43 4.71 0.00



RAVENSWOOD_GT2_3 24246	126.41 4.27 0.00	118.98 3.69 0.00	113.89 3.32 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.11 2.59 0.00	118.24 3.11 0.00	122.76 2.64 0.00	123.24 2.89 0.00	124.69 3.16 0.00	127.72 4.32 0.00	129.34 4.74 0.00	135.95 5.23 0.00	138.98 6.11 0.00	139.24 6.00 0.00	142.58 5.88 0.00	162.59 6.70 0.00	184.93 8.30 0.00	172.76 7.91 0.00	156.05 7.43 0.00	144.11 6.21 0.00	132.70 6.08 0.00	130.92 5.16 0.00	125.43 4.71 0.00
RAVENSWOOD_GT2_4 24247	126.41 4.27 0.00	118.98 3.69 0.00	113.89 3.32 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.11 2.59 0.00	118.24 3.11 0.00	122.76 2.64 0.00	123.24 2.89 0.00	124.69 3.16 0.00	127.72 4.32 0.00	129.34 4.74 0.00	135.95 5.23 0.00	138.98 6.11 0.00	139.24 6.00 0.00	142.58 5.88 0.00	162.59 6.70 0.00	184.93 8.30 0.00	172.76 7.91 0.00	156.05 7.43 0.00	144.11 6.21 0.00	132.70 6.08 0.00	130.92 5.16 0.00	125.43 4.71 0.00
RAVENSWOOD_GT3_1 24248	126.41 4.27 0.00	118.98 3.69 0.00	113.89 3.32 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.11 2.59 0.00	118.24 3.11 0.00	122.64 2.52 0.00	123.12 2.77 0.00	124.69 3.16 0.00	127.72 4.32 0.00	129.22 4.61 0.00	135.82 5.10 0.00	138.85 5.98 0.00	139.24 6.00 0.00	142.58 5.88 0.00	162.59 6.70 0.00	184.75 8.12 0.00	172.60 7.75 0.00	156.05 7.43 0.00	144.11 6.21 0.00	132.57 5.95 0.00	130.79 5.03 0.00	125.43 4.71 0.00
RAVENSWOOD_GT3_2 24249	126.41 4.27 0.00	118.98 3.69 0.00	113.89 3.32 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.11 2.59 0.00	118.24 3.11 0.00	122.64 2.52 0.00	123.12 2.77 0.00	124.69 3.16 0.00	127.72 4.32 0.00	129.22 4.61 0.00	135.82 5.10 0.00	138.85 5.98 0.00	139.24 6.00 0.00	142.58 5.88 0.00	162.59 6.70 0.00	184.75 8.12 0.00	172.60 7.75 0.00	156.05 7.43 0.00	144.11 6.21 0.00	132.57 5.95 0.00	130.79 5.03 0.00	125.43 4.71 0.00
RAVENSWOOD_GT3_3 24250	126.54 4.40 0.00	119.10 3.80 0.00	114.00 3.43 0.00	112.53 3.28 0.00	118.11 3.22 0.00	115.22 2.70 0.00	118.36 3.22 0.00	122.88 2.76 0.00	123.36 3.01 0.00	124.81 3.28 0.00	127.84 4.44 0.00	129.47 4.86 0.00	136.08 5.36 0.00	139.11 6.24 0.00	139.37 6.13 0.00	142.72 6.01 0.00	162.75 6.86 0.00	185.11 8.48 0.00	172.93 8.08 0.00	156.20 7.58 0.00	144.25 6.34 0.00	132.82 6.20 0.00	131.05 5.28 0.00	125.55 4.83 0.00
RAVENSWOOD_GT3_4 24251	126.54 4.40 0.00	119.10 3.80 0.00	114.00 3.43 0.00	112.53 3.28 0.00	118.11 3.22 0.00	115.22 2.70 0.00	118.36 3.22 0.00	122.88 2.76 0.00	123.36 3.01 0.00	124.81 3.28 0.00	127.84 4.44 0.00	129.47 4.86 0.00	136.08 5.36 0.00	139.11 6.24 0.00	139.37 6.13 0.00	142.72 6.01 0.00	162.75 6.86 0.00	185.11 8.48 0.00	172.93 8.08 0.00	156.20 7.58 0.00	144.25 6.34 0.00	132.82 6.20 0.00	131.05 5.28 0.00	125.55 4.83 0.00
RAVENSWOOD_GT_1 23729	126.78 4.64 0.00	119.21 3.92 0.00	114.00 3.43 0.00	112.53 3.28 0.00	118.11 3.22 0.00	114.88 2.36 0.00	117.78 2.65 0.00	122.16 2.04 0.00	122.76 2.41 0.00	124.32 2.80 0.00	127.35 3.95 0.00	128.84 4.24 0.00	135.43 4.71 0.00	138.58 5.71 0.00	138.84 5.60 0.00	142.17 5.47 0.00	162.12 6.24 0.00	184.40 7.77 0.00	172.27 7.42 0.00	155.75 7.13 0.00	143.69 5.79 0.00	132.32 5.70 0.00	130.79 5.03 0.00	125.80 5.07 0.00
RAVENSWOOD_GT_10 24258	126.41 4.27 0.00	118.98 3.69 0.00	113.89 3.32 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.11 2.59 0.00	118.24 3.11 0.00	122.76 2.64 0.00	123.24 2.89 0.00	124.69 3.16 0.00	127.72 4.32 0.00	129.22 4.61 0.00	135.82 5.10 0.00	138.98 6.11 0.00	139.24 6.00 0.00	142.58 5.88 0.00	162.59 6.70 0.00	184.75 8.12 0.00	172.60 7.75 0.00	156.05 7.43 0.00	144.11 6.21 0.00	132.57 5.95 0.00	130.92 5.16 0.00	125.43 4.71 0.00
RAVENSWOOD_GT_11 24259	126.41 4.27 0.00	118.98 3.69 0.00	113.89 3.32 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.11 2.59 0.00	118.24 3.11 0.00	122.76 2.64 0.00	123.24 2.89 0.00	124.69 3.16 0.00	127.72 4.32 0.00	129.22 4.61 0.00	135.82 5.10 0.00	138.98 6.11 0.00	139.24 6.00 0.00	142.58 5.88 0.00	162.59 6.70 0.00	184.75 8.12 0.00	172.60 7.75 0.00	156.05 7.43 0.00	144.11 6.21 0.00	132.57 5.95 0.00	130.92 5.16 0.00	125.43 4.71 0.00
RAVENSWOOD_GT_4 24252	126.54 4.40 0.00	118.98 3.69 0.00	113.89 3.32 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.00 2.48 0.00	118.01 2.88 0.00	122.52 2.40 0.00	123.00 2.65 0.00	124.57 3.04 0.00	127.47 4.07 0.00	129.09 4.49 0.00	135.69 4.97 0.00	138.71 5.85 0.00	138.97 5.73 0.00	142.31 5.60 0.00	162.43 6.55 0.00	184.58 7.95 0.00	172.43 7.58 0.00	155.90 7.28 0.00	143.83 5.93 0.00	132.44 5.82 0.00	130.79 5.03 0.00	125.55 4.83 0.00
RAVENSWOOD_GT_5 24254	126.54 4.40 0.00	118.98 3.69 0.00	113.89 3.32 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.00 2.48 0.00	118.01 2.88 0.00	122.52 2.40 0.00	123.00 2.65 0.00	124.57 3.04 0.00	127.47 4.07 0.00	129.09 4.49 0.00	135.69 4.97 0.00	138.71 5.85 0.00	138.97 5.73 0.00	142.31 5.60 0.00	162.43 6.55 0.00	184.58 7.95 0.00	172.43 7.58 0.00	155.90 7.28 0.00	143.83 5.93 0.00	132.44 5.82 0.00	130.79 5.03 0.00	125.55 4.83 0.00
RAVENSWOOD_GT_6 24253	126.54 4.40 0.00	118.98 3.69 0.00	113.89 3.32 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.00 2.48 0.00	118.01 2.88 0.00	122.52 2.40 0.00	123.00 2.65 0.00	124.57 3.04 0.00	127.47 4.07 0.00	129.09 4.49 0.00	135.69 4.97 0.00	138.71 5.85 0.00	138.97 5.73 0.00	142.31 5.60 0.00	162.43 6.55 0.00	184.58 7.95 0.00	172.43 7.58 0.00	155.90 7.28 0.00	143.83 5.93 0.00	132.44 5.82 0.00	130.79 5.03 0.00	125.55 4.83 0.00
RAVENSWOOD_GT_7 24255	126.54 4.40 0.00	118.98 3.69 0.00	113.89 3.32 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.00 2.48 0.00	118.01 2.88 0.00	122.52 2.40 0.00	123.00 2.65 0.00	124.57 3.04 0.00	127.47 4.07 0.00	129.09 4.49 0.00	135.69 4.97 0.00	138.71 5.85 0.00	138.97 5.73 0.00	142.31 5.60 0.00	162.43 6.55 0.00	184.58 7.95 0.00	172.43 7.58 0.00	155.90 7.28 0.00	143.83 5.93 0.00	132.44 5.82 0.00	130.79 5.03 0.00	125.55 4.83 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	126.41 4.27 0.00	118.98 3.69 0.00	113.89 3.32 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.11 2.59 0.00	118.24 3.11 0.00	122.76 2.64 0.00	123.24 2.89 0.00	124.69 3.16 0.00	127.72 4.32 0.00	129.22 4.61 0.00	135.82 5.10 0.00	138.98 6.11 0.00	139.24 6.00 0.00	142.58 5.88 0.00	162.59 6.70 0.00	184.75 8.12 0.00	172.60 7.75 0.00	156.05 7.43 0.00	144.11 6.21 0.00	132.57 5.95 0.00	130.92 5.16 0.00	125.43 4.71 0.00
RAVENSWOOD_GT_9 24257	126.41 4.27 0.00	118.98 3.69 0.00	113.89 3.32 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.11 2.59 0.00	118.24 3.11 0.00	122.76 2.64 0.00	123.24 2.89 0.00	124.69 3.16 0.00	127.72 4.32 0.00	129.22 4.61 0.00	135.82 5.10 0.00	138.98 6.11 0.00	139.24 6.00 0.00	142.58 5.88 0.00	162.59 6.70 0.00	184.75 8.12 0.00	172.60 7.75 0.00	156.05 7.43 0.00	144.11 6.21 0.00	132.57 5.95 0.00	130.92 5.16 0.00	125.43 4.71 0.00



RAVENSWOOD___1 23533	126.78 4.64 0.00	119.22 3.92 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.99 3.10 0.00	114.77 2.25 0.00	117.78 2.65 0.00	122.28 2.16 0.00	122.89 2.53 0.00	124.44 2.91 0.00	127.35 3.95 0.00	128.71 4.11 0.00	135.42 4.70 0.00	138.58 5.71 0.00	138.84 5.60 0.00	142.03 5.33 0.00	162.13 6.24 0.00	184.22 7.59 0.00	172.09 7.25 0.00	155.60 6.99 0.00	143.69 5.79 0.00	132.18 5.56 0.00	130.66 4.90 0.00	125.91 5.19 0.00
RAVENSWOOD___2 23534	126.78 4.64 0.00	119.09 3.80 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.99 3.10 0.00	114.77 2.25 0.00	117.78 2.65 0.00	122.28 2.16 0.00	122.89 2.53 0.00	124.44 2.91 0.00	127.35 3.95 0.00	128.71 4.11 0.00	135.42 4.70 0.00	138.45 5.58 0.00	138.84 5.60 0.00	142.03 5.33 0.00	162.13 6.24 0.00	184.22 7.59 0.00	172.09 7.25 0.00	155.60 6.99 0.00	143.56 5.66 0.00	132.18 5.56 0.00	130.54 4.78 0.00	125.79 5.07 0.00
RAVENSWOOD___3 23535	126.41 4.27 0.00	118.98 3.69 0.00	113.88 3.31 0.00	112.42 3.17 0.00	117.87 2.98 0.00	115.11 2.59 0.00	118.24 3.11 0.00	122.88 2.76 0.00	123.36 3.01 0.00	124.93 3.40 0.00	127.71 4.32 0.00	129.09 4.48 0.00	135.96 5.23 0.00	138.85 5.98 0.00	139.25 6.00 0.00	142.58 5.87 0.00	162.58 6.70 0.00	184.76 8.13 0.00	172.60 7.75 0.00	156.04 7.43 0.00	144.11 6.21 0.00	132.57 5.95 0.00	130.80 5.04 0.00	125.56 4.83 0.00
RAVENSWOOD___4 23820	126.66 4.52 0.00	119.09 3.80 0.00	114.00 3.43 0.00	112.52 3.27 0.00	117.99 3.10 0.00	114.77 2.25 0.00	117.78 2.65 0.00	122.28 2.16 0.00	122.76 2.41 0.00	124.44 2.91 0.00	127.23 3.83 0.00	128.71 4.11 0.00	135.42 4.70 0.00	138.45 5.58 0.00	138.84 5.60 0.00	142.03 5.33 0.00	161.96 6.07 0.00	184.22 7.59 0.00	172.09 7.25 0.00	155.60 6.99 0.00	143.56 5.66 0.00	132.18 5.56 0.00	130.54 4.78 0.00	125.79 5.07 0.00
RCPL_TRUST___DRP 24196	126.41 4.27 0.00	118.98 3.69 0.00	113.89 3.32 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.22 2.70 0.00	118.36 3.22 0.00	122.88 2.76 0.00	123.36 3.01 0.00	124.81 3.28 0.00	127.84 4.44 0.00	129.34 4.74 0.00	136.08 5.36 0.00	139.11 6.24 0.00	139.37 6.13 0.00	142.72 6.01 0.00	162.75 6.86 0.00	184.93 8.30 0.00	172.76 7.91 0.00	156.20 7.58 0.00	144.25 6.34 0.00	132.70 6.08 0.00	130.92 5.16 0.00	125.43 4.71 0.00
RED___ROCHESTER 323720	117.86 -4.28 0.00	111.49 -3.80 0.00	107.03 -3.54 0.00	105.65 -3.60 0.00	110.64 -4.25 0.00	108.24 -4.28 0.00	110.76 -4.37 0.00	116.39 -3.72 0.00	116.62 -3.73 0.00	118.61 -2.92 0.00	120.44 -2.96 0.00	121.62 -2.99 0.00	126.80 -3.92 0.00	127.55 -5.32 0.00	127.12 -6.13 0.00	129.45 -7.25 0.00	147.31 -8.57 0.00	167.44 -9.19 0.00	155.62 -9.23 0.00	139.55 -9.07 0.00	130.32 -7.58 0.00	120.54 -6.08 0.00	119.48 -6.28 0.00	116.01 -4.71 0.00
REGAN___SOLAR 323812	130.07 7.93 0.00	122.56 7.27 0.00	117.31 6.75 0.00	115.47 6.22 0.00	122.02 7.13 0.00	119.73 7.21 0.00	121.92 6.79 0.00	127.32 7.21 0.00	126.13 5.78 0.00	126.15 4.62 0.00	127.83 4.44 0.00	128.97 4.36 0.00	136.08 5.36 0.00	139.11 6.25 0.00	140.17 6.92 0.00	146.00 9.30 0.00	167.42 11.54 0.00	190.05 13.42 0.00	177.54 12.69 0.00	160.06 11.44 0.00	148.52 10.62 0.00	135.74 9.12 0.00	134.19 8.43 0.00	128.34 7.61 0.00
RENSSELAER___COGEN 23796	126.41 4.27 0.00	119.22 3.92 0.00	114.33 3.76 0.00	112.85 3.60 0.00	118.57 3.68 0.00	116.12 3.60 0.00	118.58 3.45 0.00	123.48 3.36 0.00	123.72 3.37 0.00	125.05 3.53 0.00	127.35 3.95 0.00	128.59 3.99 0.00	135.17 4.45 0.00	137.52 4.65 0.00	136.97 3.73 0.00	140.80 4.10 0.00	160.41 4.52 0.00	181.57 4.94 0.00	169.79 4.94 0.00	153.37 4.75 0.00	142.18 4.28 0.00	130.79 4.17 0.00	130.28 4.52 0.00	124.95 4.22 0.00
REPUBLIC_115KV_BARTNBRK 55605	136.92 14.78 0.00	129.01 13.72 0.00	123.39 12.83 0.00	121.27 12.02 0.00	128.45 13.56 0.00	126.14 13.61 0.00	128.26 13.13 0.00	133.93 13.81 0.00	133.71 13.36 0.00	135.14 13.61 0.00	137.34 13.94 0.00	138.56 13.96 0.00	146.28 15.56 0.00	148.28 15.41 0.00	148.17 14.92 0.00	153.38 16.68 0.00	175.53 19.64 0.00	199.24 22.61 0.00	185.95 21.10 0.00	167.64 19.02 0.00	155.97 18.07 0.00	142.32 15.70 0.00	140.86 15.09 0.00	134.73 14.00 0.00
REVERE_CPPR_DRP 24186	127.88 5.74 0.00	120.48 5.19 0.00	115.54 4.98 0.00	114.71 5.46 0.00	120.86 5.97 0.00	118.82 6.30 0.00	121.93 6.79 0.00	128.16 8.05 0.00	128.30 7.94 0.00	129.79 8.26 0.00	132.16 8.76 0.00	133.45 8.85 0.00	140.40 9.67 0.00	142.30 9.43 0.00	142.17 8.93 0.00	146.41 9.71 0.00	167.27 11.38 0.00	189.52 12.89 0.00	176.72 11.87 0.00	157.83 9.21 0.00	146.31 8.41 0.00	133.20 6.58 0.00	134.44 8.68 0.00	128.09 7.36 0.00
REYNLDPA_13_KV_LD 356490	122.02 -0.12 0.00	116.56 1.27 0.00	111.90 1.33 0.00	110.67 1.42 0.00	116.72 1.83 0.00	114.32 1.79 0.00	117.21 2.07 0.00	121.20 1.08 0.00	121.91 1.56 0.00	121.65 0.12 0.00	123.03 -0.37 0.00	124.11 -0.50 0.00	130.33 -0.39 0.00	132.47 -0.40 0.00	133.11 -0.13 0.00	136.57 -0.14 0.00	155.73 -0.16 0.00	176.28 -0.35 0.00	164.35 -0.49 0.00	148.17 -0.44 0.00	137.63 -0.28 0.00	126.24 -0.38 0.00	125.64 -0.13 0.00	120.48 -0.24 0.00
REYNOLDS_115KV_TB3 80639	126.90 4.76 0.00	119.79 4.50 0.00	114.88 4.31 0.00	113.40 4.15 0.00	119.14 4.25 0.00	116.57 4.05 0.00	119.16 4.03 0.00	124.08 3.96 0.00	124.20 3.85 0.00	125.54 4.01 0.00	127.96 4.57 0.00	129.34 4.74 0.00	135.69 4.97 0.00	138.18 5.31 0.00	138.04 4.80 0.00	141.90 5.19 0.00	161.65 5.77 0.00	183.16 6.54 0.00	171.11 6.26 0.00	154.56 5.94 0.00	143.28 5.38 0.00	131.81 5.19 0.00	130.92 5.16 0.00	125.43 4.71 0.00
RIVERBAY____ 323610	128.25 6.11 0.00	120.60 5.30 0.00	115.21 4.64 0.00	113.73 4.48 0.00	119.14 4.25 0.00	115.22 2.70 0.00	118.01 2.88 0.00	122.40 2.28 0.00	123.00 2.65 0.00	124.57 3.04 0.00	127.59 4.20 0.00	129.09 4.49 0.00	135.69 4.97 0.00	138.85 5.98 0.00	139.11 5.86 0.00	142.31 5.60 0.00	162.43 6.55 0.00	184.58 7.95 0.00	172.43 7.58 0.00	155.90 7.28 0.00	143.97 6.07 0.00	132.57 5.95 0.00	131.30 5.53 0.00	127.12 6.40 0.00
RIVERSDE_115KV_TB3 55908	126.90 4.76 0.00	119.67 4.38 0.00	114.77 4.20 0.00	113.29 4.04 0.00	119.03 4.14 0.00	116.57 4.05 0.00	119.16 4.03 0.00	123.96 3.84 0.00	124.08 3.73 0.00	125.42 3.89 0.00	127.84 4.44 0.00	129.22 4.61 0.00	135.69 4.97 0.00	138.05 5.18 0.00	137.64 4.40 0.00	141.62 4.92 0.00	161.19 5.30 0.00	182.46 5.83 0.00	170.62 5.77 0.00	154.26 5.65 0.00	143.00 5.10 0.00	131.56 4.94 0.00	130.79 5.03 0.00	125.43 4.71 0.00
ROARING___BROOK_WT_PWR 323790	121.53 -0.61 0.00	115.18 -0.12 0.00	110.57 0.00 0.00	109.36 0.11 0.00	115.12 0.23 0.00	112.86 0.34 0.00	115.48 0.35 0.00	120.36 0.24 0.00	120.59 0.24 0.00	121.65 0.12 0.00	123.40 0.00 0.00	124.61 0.00 0.00	130.59 -0.13 0.00	132.60 -0.27 0.00	133.11 -0.13 0.00	136.43 -0.27 0.00	155.42 -0.47 0.00	176.10 -0.53 0.00	164.19 -0.66 0.00	148.02 -0.59 0.00	137.35 -0.55 0.00	126.12 -0.50 0.00	125.39 -0.38 0.00	120.24 -0.48 0.00



ROCHESRG_115KV_T4 355643	116.40 -5.74 0.00	110.22 -5.07 0.00	105.81 -4.75 0.00	104.55 -4.70 0.00	109.15 -5.74 0.00	107.01 -5.51 0.00	109.49 -5.64 0.00	114.71 -5.41 0.00	115.18 -5.18 0.00	117.03 -4.50 0.00	118.83 -4.57 0.00	120.00 -4.61 0.00	125.23 -5.49 0.00	125.69 -7.17 0.00	125.25 -7.99 0.00	127.68 -9.02 0.00	145.44 -10.44 0.00	165.15 -11.48 0.00	153.64 -11.21 0.00	137.77 -10.85 0.00	128.52 -9.38 0.00	118.26 -8.36 0.00	117.71 -8.05 0.00	114.45 -6.28 0.00
ROCHESTER_9_IC 23652	117.25 -4.89 0.00	111.03 -4.27 0.00	106.59 -3.98 0.00	105.21 -4.04 0.00	109.95 -4.94 0.00	107.79 -4.73 0.00	110.30 -4.84 0.00	115.55 -4.56 0.00	116.02 -4.33 0.00	118.00 -3.52 0.00	119.94 -3.46 0.00	120.99 -3.61 0.00	126.28 -4.44 0.00	126.76 -6.11 0.00	126.45 -6.80 0.00	128.77 -7.93 0.00	146.69 -9.20 0.00	166.56 -10.07 0.00	154.79 -10.06 0.00	138.96 -9.66 0.00	129.63 -8.27 0.00	119.28 -7.34 0.00	118.72 -7.04 0.00	115.29 -5.43 0.00
ROCKVIEW_13_KV_LD 356306	126.78 4.64 0.00	119.44 4.15 0.00	114.22 3.65 0.00	112.86 3.61 0.00	118.34 3.45 0.00	115.67 3.15 0.00	118.82 3.68 0.00	123.36 3.24 0.00	123.72 3.37 0.00	125.17 3.65 0.00	128.21 4.81 0.00	129.72 5.11 0.00	136.34 5.62 0.00	139.38 6.51 0.00	139.51 6.26 0.00	143.13 6.42 0.00	163.37 7.48 0.00	185.64 9.01 0.00	173.42 8.57 0.00	156.64 8.03 0.00	144.66 6.76 0.00	133.08 6.46 0.00	131.30 5.53 0.00	125.55 4.83 0.00
ROME____115KV_TB2 80656	127.88 5.74 0.00	120.48 5.19 0.00	115.54 4.98 0.00	114.71 5.46 0.00	120.86 5.97 0.00	118.82 6.30 0.00	121.93 6.79 0.00	128.16 8.05 0.00	128.30 7.94 0.00	129.79 8.26 0.00	132.16 8.76 0.00	133.45 8.85 0.00	140.40 9.67 0.00	142.30 9.43 0.00	142.17 8.93 0.00	146.41 9.71 0.00	167.27 11.38 0.00	189.52 12.89 0.00	176.72 11.87 0.00	157.83 9.21 0.00	146.31 8.41 0.00	133.20 6.58 0.00	134.44 8.68 0.00	128.09 7.36 0.00
ROSETON___1 23587	125.68 3.54 0.00	118.41 3.11 0.00	113.44 2.87 0.00	112.09 2.84 0.00	117.64 2.75 0.00	114.99 2.47 0.00	117.89 2.76 0.00	122.64 2.53 0.00	122.89 2.53 0.00	124.33 2.80 0.00	126.98 3.58 0.00	128.22 3.62 0.00	134.90 4.18 0.00	137.64 4.78 0.00	137.91 4.66 0.00	141.48 4.78 0.00	161.34 5.45 0.00	183.17 6.54 0.00	171.11 6.26 0.00	154.71 6.10 0.00	143.01 5.11 0.00	131.43 4.81 0.00	129.91 4.14 0.00	124.47 3.75 0.00
ROSETON___2 23588	125.68 3.54 0.00	118.41 3.11 0.00	113.44 2.87 0.00	112.09 2.84 0.00	117.64 2.75 0.00	114.99 2.47 0.00	117.89 2.76 0.00	122.64 2.53 0.00	122.89 2.53 0.00	124.33 2.80 0.00	126.98 3.58 0.00	128.22 3.62 0.00	134.90 4.18 0.00	137.64 4.78 0.00	137.91 4.66 0.00	141.48 4.78 0.00	161.34 5.45 0.00	183.17 6.54 0.00	171.11 6.26 0.00	154.71 6.10 0.00	143.01 5.11 0.00	131.43 4.81 0.00	129.91 4.14 0.00	124.47 3.75 0.00
ROTRRDAM_115KV_TB3 80664	126.17 4.03 0.00	118.98 3.69 0.00	114.11 3.54 0.00	112.64 3.39 0.00	118.45 3.56 0.00	116.01 3.49 0.00	118.59 3.45 0.00	123.60 3.48 0.00	123.60 3.25 0.00	124.81 3.28 0.00	127.10 3.70 0.00	128.35 3.74 0.00	134.91 4.18 0.00	137.25 4.38 0.00	137.51 4.26 0.00	141.49 4.78 0.00	161.34 5.46 0.00	182.99 6.36 0.00	170.95 6.10 0.00	154.26 5.65 0.00	143.00 5.10 0.00	131.30 4.68 0.00	130.04 4.28 0.00	124.71 3.98 0.00
RUSSELL___1 23602	117.86 -4.27 0.00	111.49 -3.80 0.00	107.03 -3.54 0.00	105.64 -3.61 0.00	110.41 -4.48 0.00	108.24 -4.28 0.00	110.76 -4.38 0.00	116.15 -3.96 0.00	116.62 -3.73 0.00	118.61 -2.92 0.00	120.56 -2.84 0.00	121.74 -2.87 0.00	127.06 -3.66 0.00	127.55 -5.31 0.00	127.12 -6.13 0.00	129.46 -7.25 0.00	147.31 -8.57 0.00	167.44 -9.18 0.00	155.62 -9.23 0.00	139.55 -9.07 0.00	130.32 -7.58 0.00	120.04 -6.58 0.00	119.35 -6.41 0.00	115.90 -4.83 0.00
RUSSELL___2 23532	117.86 -4.27 0.00	111.49 -3.80 0.00	107.03 -3.54 0.00	105.64 -3.61 0.00	110.41 -4.48 0.00	108.24 -4.28 0.00	110.76 -4.38 0.00	116.15 -3.96 0.00	116.62 -3.73 0.00	118.61 -2.92 0.00	120.56 -2.84 0.00	121.74 -2.87 0.00	127.06 -3.66 0.00	127.55 -5.31 0.00	127.12 -6.13 0.00	129.46 -7.25 0.00	147.31 -8.57 0.00	167.44 -9.18 0.00	155.62 -9.23 0.00	139.55 -9.07 0.00	130.32 -7.58 0.00	120.04 -6.58 0.00	119.35 -6.41 0.00	115.90 -4.83 0.00
RUSSELL___3 23549	117.86 -4.27 0.00	111.49 -3.80 0.00	107.03 -3.54 0.00	105.64 -3.61 0.00	110.41 -4.48 0.00	108.24 -4.28 0.00	110.76 -4.38 0.00	116.15 -3.96 0.00	116.62 -3.73 0.00	118.61 -2.92 0.00	120.56 -2.84 0.00	121.74 -2.87 0.00	127.06 -3.66 0.00	127.55 -5.31 0.00	127.12 -6.13 0.00	129.46 -7.25 0.00	147.31 -8.57 0.00	167.44 -9.18 0.00	155.62 -9.23 0.00	139.55 -9.07 0.00	130.32 -7.58 0.00	120.04 -6.58 0.00	119.35 -6.41 0.00	115.90 -4.83 0.00
RUSSELL___4 23556	117.86 -4.27 0.00	111.49 -3.80 0.00	107.03 -3.54 0.00	105.64 -3.61 0.00	110.41 -4.48 0.00	108.24 -4.28 0.00	110.76 -4.38 0.00	116.15 -3.96 0.00	116.62 -3.73 0.00	118.61 -2.92 0.00	120.56 -2.84 0.00	121.74 -2.87 0.00	127.06 -3.66 0.00	127.55 -5.31 0.00	127.12 -6.13 0.00	129.46 -7.25 0.00	147.31 -8.57 0.00	167.44 -9.18 0.00	155.62 -9.23 0.00	139.55 -9.07 0.00	130.32 -7.58 0.00	120.04 -6.58 0.00	119.35 -6.41 0.00	115.90 -4.83 0.00
RUSSELL___STATION 23914	117.86 -4.27 0.00	111.49 -3.80 0.00	107.03 -3.54 0.00	105.64 -3.61 0.00	110.41 -4.48 0.00	108.24 -4.28 0.00	110.76 -4.38 0.00	116.15 -3.96 0.00	116.62 -3.73 0.00	118.61 -2.92 0.00	120.56 -2.84 0.00	121.74 -2.87 0.00	127.06 -3.66 0.00	127.55 -5.31 0.00	127.12 -6.13 0.00	129.46 -7.25 0.00	147.31 -8.57 0.00	167.44 -9.18 0.00	155.62 -9.23 0.00	139.55 -9.07 0.00	130.32 -7.58 0.00	120.04 -6.58 0.00	119.35 -6.41 0.00	115.90 -4.83 0.00
S SALMON___HYD 24043	119.45 -2.69 0.00	112.76 -2.54 0.00	108.14 -2.43 0.00	106.95 -2.30 0.00	112.47 -2.42 0.00	110.04 -2.48 0.00	112.71 -2.42 0.00	118.19 -1.93 0.00	118.42 -1.93 0.00	119.71 -1.82 0.00	121.79 -1.61 0.00	122.98 -1.62 0.00	128.89 -1.83 0.00	130.74 -2.13 0.00	130.58 -2.66 0.00	134.25 -2.46 0.00	153.08 -2.80 0.00	173.45 -3.17 0.00	161.71 -3.14 0.00	145.20 -3.41 0.00	134.87 -3.03 0.00	123.46 -3.16 0.00	123.50 -2.26 0.00	118.43 -2.30 0.00
S.PERRY___115KV_TB1 80734	117.25 -4.89 0.00	111.03 -4.27 0.00	106.59 -3.98 0.00	105.43 -3.82 0.00	109.95 -4.94 0.00	107.79 -4.73 0.00	110.41 -4.72 0.00	116.03 -4.08 0.00	116.26 -4.09 0.00	117.76 -3.77 0.00	119.08 -4.32 0.00	119.87 -4.74 0.00	124.84 -5.88 0.00	121.57 -11.29 0.00	121.25 -11.99 0.00	124.13 -12.58 0.00	142.48 -13.41 0.00	161.26 -15.37 0.00	150.67 -14.18 0.00	134.94 -13.67 0.00	125.63 -12.27 0.00	118.52 -8.10 0.00	117.97 -7.80 0.00	114.45 -6.28 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	113.96 -8.18 0.00	108.15 -7.15 0.00	104.16 -6.41 0.00	102.80 -6.45 0.00	106.96 -7.93 0.00	104.87 -7.65 0.00	106.96 -8.17 0.00	111.59 -8.53 0.00	112.05 -8.30 0.00	114.24 -7.29 0.00	115.87 -7.53 0.00	116.63 -7.97 0.00	121.18 -9.54 0.00	120.78 -12.09 0.00	119.92 -13.32 0.00	121.94 -14.76 0.00	139.05 -16.84 0.00	157.55 -19.08 0.00	146.71 -18.13 0.00	130.63 -17.98 0.00	122.32 -15.58 0.00	112.82 -13.80 0.00	112.81 -12.95 0.00	111.43 -9.30 0.00



SAWYER___23_KV_LOAD 55526	113.96 -8.18 0.00	108.15 -7.15 0.00	104.16 -6.41 0.00	102.80 -6.45 0.00	106.96 -7.93 0.00	104.87 -7.65 0.00	106.96 -8.17 0.00	111.59 -8.53 0.00	112.05 -8.30 0.00	114.24 -7.29 0.00	115.87 -7.53 0.00	116.63 -7.97 0.00	121.18 -9.54 0.00	120.78 -12.09 0.00	119.92 -13.32 0.00	121.94 -14.76 0.00	139.05 -16.84 0.00	157.55 -19.08 0.00	146.71 -18.13 0.00	130.63 -17.98 0.00	122.32 -15.58 0.00	112.82 -13.80 0.00	112.81 -12.95 0.00	111.43 -9.30 0.00
SELKIRK___I 23801	126.66 4.52 0.00	119.56 4.27 0.00	114.66 4.09 0.00	113.18 3.93 0.00	118.91 4.02 0.00	116.46 3.94 0.00	118.93 3.79 0.00	123.84 3.73 0.00	123.72 3.37 0.00	124.93 3.40 0.00	127.23 3.83 0.00	128.47 3.87 0.00	135.03 4.31 0.00	137.52 4.65 0.00	137.38 4.14 0.00	141.35 4.65 0.00	161.02 5.14 0.00	182.28 5.65 0.00	170.46 5.61 0.00	153.96 5.34 0.00	142.73 4.82 0.00	131.31 4.69 0.00	130.42 4.66 0.00	125.06 4.34 0.00
SELKIRK___II 23799	125.80 3.66 0.00	118.64 3.35 0.00	113.78 3.21 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.56 3.04 0.00	118.12 2.99 0.00	122.99 2.88 0.00	123.12 2.77 0.00	124.44 2.91 0.00	126.73 3.33 0.00	127.97 3.37 0.00	134.52 3.79 0.00	136.85 3.98 0.00	136.70 3.46 0.00	140.39 3.69 0.00	159.93 4.05 0.00	181.21 4.58 0.00	169.30 4.45 0.00	152.93 4.31 0.00	141.76 3.86 0.00	130.41 3.80 0.00	129.67 3.90 0.00	124.34 3.62 0.00
SENECA OSWGO___HYD 24041	118.35 -3.79 0.00	111.72 -3.57 0.00	107.14 -3.43 0.00	105.86 -3.39 0.00	111.21 -3.68 0.00	108.81 -3.71 0.00	111.34 -3.80 0.00	116.63 -3.49 0.00	116.98 -3.37 0.00	118.13 -3.40 0.00	120.07 -3.33 0.00	121.37 -3.24 0.00	127.06 -3.66 0.00	128.88 -3.98 0.00	128.98 -4.27 0.00	132.32 -4.38 0.00	150.89 -4.99 0.00	170.97 -5.66 0.00	159.57 -5.28 0.00	143.56 -5.05 0.00	133.48 -4.42 0.00	122.44 -4.18 0.00	121.73 -4.03 0.00	116.86 -3.87 0.00
SENECA___115KV_TB3 355854	115.66 -6.48 0.00	109.76 -5.53 0.00	105.82 -4.75 0.00	104.34 -4.91 0.00	108.80 -6.09 0.00	106.33 -6.19 0.00	108.45 -6.68 0.00	113.51 -6.61 0.00	113.62 -6.74 0.00	115.82 -5.71 0.00	117.35 -6.04 0.00	118.26 -6.35 0.00	122.62 -8.11 0.00	122.64 -10.23 0.00	121.78 -11.46 0.00	123.85 -12.86 0.00	141.23 -14.66 0.00	160.02 -16.61 0.00	149.02 -15.83 0.00	132.72 -15.90 0.00	124.25 -13.65 0.00	115.48 -11.14 0.00	114.95 -10.82 0.00	113.12 -7.60 0.00
SENECA___ENERGY 23797	118.72 -3.42 0.00	112.19 -3.11 0.00	107.59 -2.98 0.00	106.31 -2.94 0.00	111.55 -3.34 0.00	109.15 -3.37 0.00	111.68 -3.45 0.00	117.23 -2.88 0.00	117.59 -2.76 0.00	118.97 -2.56 0.00	120.80 -2.60 0.00	122.12 -2.49 0.00	127.58 -3.14 0.00	129.15 -3.72 0.00	129.11 -4.13 0.00	132.19 -4.51 0.00	151.05 -4.83 0.00	171.33 -5.29 0.00	159.57 -5.28 0.00	143.41 -5.21 0.00	133.35 -4.55 0.00	122.56 -4.06 0.00	121.62 -4.15 0.00	117.11 -3.62 0.00
SHOEMAKER___GT 23640	125.07 2.93 0.00	117.95 2.65 0.00	113.00 2.43 0.00	111.55 2.30 0.00	117.07 2.18 0.00	114.55 2.03 0.00	117.31 2.18 0.00	122.16 2.04 0.00	122.27 1.92 0.00	123.47 1.94 0.00	125.99 2.60 0.00	127.34 2.74 0.00	133.85 3.13 0.00	136.58 3.72 0.00	136.97 3.73 0.00	140.52 3.82 0.00	160.56 4.67 0.00	182.28 5.65 0.00	170.12 5.27 0.00	153.67 5.06 0.00	142.18 4.28 0.00	130.67 4.05 0.00	129.16 3.40 0.00	123.74 3.02 0.00
SHOEMAKR_138KV_BK 111 55601	124.95 2.81 0.00	117.83 2.54 0.00	112.89 2.32 0.00	111.44 2.19 0.00	116.96 2.07 0.00	114.43 1.91 0.00	117.20 2.07 0.00	121.92 1.80 0.00	122.04 1.68 0.00	123.35 1.82 0.00	125.99 2.59 0.00	127.35 2.74 0.00	133.86 3.14 0.00	136.59 3.72 0.00	136.84 3.60 0.00	140.53 3.83 0.00	160.41 4.52 0.00	182.10 5.48 0.00	170.12 5.28 0.00	153.52 4.90 0.00	142.18 4.27 0.00	130.67 4.05 0.00	129.16 3.40 0.00	123.62 2.90 0.00
SHOREHAM_IC_1 23715	128.73 6.59 0.00	123.24 7.95 0.00	117.75 7.18 0.00	116.57 7.32 0.00	121.67 6.78 0.00	118.82 6.30 0.00	121.81 6.68 0.00	126.36 6.24 0.00	126.37 6.02 0.00	127.72 6.19 0.00	130.93 7.53 0.00	132.34 7.73 0.00	139.39 8.63 -0.04	142.88 9.97 -0.04	142.88 9.60 -0.04	213.03 10.26 -66.07	200.45 11.70 -32.87	200.26 14.84 -8.80	200.52 14.33 -21.34	200.48 13.22 -38.65	148.98 11.04 -0.04	136.91 10.25 -0.04	133.31 7.55 0.00	129.05 8.32 0.00
SHOREHAM_IC_2 23716	128.74 6.60 0.00	123.36 8.07 0.00	117.76 7.19 0.00	116.57 7.32 0.00	121.78 6.89 0.00	118.82 6.30 0.00	121.93 6.79 0.00	125.88 5.77 0.00	126.13 5.78 0.00	127.00 5.47 0.00	130.68 7.28 0.00	132.71 8.10 0.00	139.26 8.50 -0.04	142.87 9.97 -0.04	142.88 9.59 -0.04	213.03 10.25 -66.07	201.07 12.32 -32.87	200.26 14.84 -8.80	200.53 14.34 -21.34	199.89 12.63 -38.65	148.97 11.03 -0.04	137.17 10.51 -0.04	133.31 7.55 0.00	128.57 7.85 0.00
SISSONVILLE____ 23735	122.14 0.00 0.00	115.99 0.69 0.00	111.34 0.77 0.00	110.34 1.09 0.00	116.50 1.61 0.00	114.21 1.69 0.00	116.97 1.84 0.00	122.16 2.04 0.00	122.28 1.93 0.00	122.99 1.46 0.00	124.26 0.86 0.00	124.86 0.25 0.00	130.46 -0.26 0.00	132.07 -0.80 0.00	132.31 -0.93 0.00	135.74 -0.96 0.00	154.80 -1.09 0.00	175.21 -1.41 0.00	163.20 -1.65 0.00	146.98 -1.63 0.00	136.52 -1.38 0.00	124.85 -1.77 0.00	125.51 -0.25 0.00	120.72 0.00 0.00
SITHE_IND_GS1 24169	117.01 -5.13 0.00	110.46 -4.84 0.00	105.93 -4.64 0.00	104.67 -4.58 0.00	109.95 -4.94 0.00	107.69 -4.84 0.00	110.19 -4.95 0.00	115.19 -4.93 0.00	115.54 -4.82 0.00	116.66 -4.86 0.00	118.46 -4.94 0.00	119.75 -4.86 0.00	125.36 -5.37 0.00	127.29 -5.58 0.00	127.38 -5.86 0.00	130.69 -6.01 0.00	148.87 -7.01 0.00	168.68 -7.94 0.00	157.43 -7.42 0.00	141.78 -6.83 0.00	131.70 -6.20 0.00	121.05 -5.57 0.00	120.23 -5.53 0.00	115.54 -5.19 0.00
SITHE_IND_GS2 24170	117.01 -5.13 0.00	110.46 -4.84 0.00	105.93 -4.64 0.00	104.67 -4.58 0.00	109.95 -4.94 0.00	107.69 -4.84 0.00	110.19 -4.95 0.00	115.19 -4.93 0.00	115.54 -4.82 0.00	116.66 -4.86 0.00	118.46 -4.94 0.00	119.75 -4.86 0.00	125.36 -5.37 0.00	127.29 -5.58 0.00	127.38 -5.86 0.00	130.69 -6.01 0.00	148.87 -7.01 0.00	168.68 -7.94 0.00	157.43 -7.42 0.00	141.78 -6.83 0.00	131.70 -6.20 0.00	121.05 -5.57 0.00	120.23 -5.53 0.00	115.54 -5.19 0.00
SITHE_IND_GS3 24171	117.01 -5.13 0.00	110.46 -4.84 0.00	105.93 -4.64 0.00	104.67 -4.58 0.00	109.95 -4.94 0.00	107.69 -4.84 0.00	110.19 -4.95 0.00	115.19 -4.93 0.00	115.54 -4.82 0.00	116.66 -4.86 0.00	118.46 -4.94 0.00	119.75 -4.86 0.00	125.36 -5.37 0.00	127.29 -5.58 0.00	127.38 -5.86 0.00	130.69 -6.01 0.00	148.87 -7.01 0.00	168.68 -7.94 0.00	157.43 -7.42 0.00	141.78 -6.83 0.00	131.70 -6.20 0.00	121.05 -5.57 0.00	120.23 -5.53 0.00	115.54 -5.19 0.00
SITHE_IND_GS4 24172	117.01 -5.13 0.00	110.46 -4.84 0.00	105.93 -4.64 0.00	104.67 -4.58 0.00	109.95 -4.94 0.00	107.69 -4.84 0.00	110.19 -4.95 0.00	115.19 -4.93 0.00	115.54 -4.82 0.00	116.66 -4.86 0.00	118.46 -4.94 0.00	119.75 -4.86 0.00	125.36 -5.37 0.00	127.29 -5.58 0.00	127.38 -5.86 0.00	130.69 -6.01 0.00	148.87 -7.01 0.00	168.68 -7.94 0.00	157.43 -7.42 0.00	141.78 -6.83 0.00	131.70 -6.20 0.00	121.05 -5.57 0.00	120.23 -5.53 0.00	115.54 -5.19 0.00



SITHE___BATAVIA 24024	116.77 -5.37 0.00	110.80 -4.50 0.00	106.59 -3.98 0.00	105.21 -4.04 0.00	109.84 -5.05 0.00	107.46 -5.06 0.00	109.72 -5.41 0.00	114.47 -5.64 0.00	114.58 -5.77 0.00	116.79 -4.74 0.00	118.46 -4.94 0.00	119.38 -5.23 0.00	124.06 -6.66 0.00	124.09 -8.77 0.00	123.52 -9.72 0.00	125.63 -11.07 0.00	143.26 -12.62 0.00	163.03 -13.60 0.00	151.50 -13.35 0.00	135.39 -13.23 0.00	126.46 -11.44 0.00	117.25 -9.37 0.00	116.46 -9.31 0.00	114.57 -6.15 0.00
SITHE___INDEPEND 23800	117.01 -5.13 0.00	110.45 -4.84 0.00	106.04 -4.53 0.00	104.66 -4.59 0.00	109.95 -4.94 0.00	107.68 -4.84 0.00	110.18 -4.95 0.00	115.07 -5.04 0.00	115.42 -4.93 0.00	116.67 -4.86 0.00	118.46 -4.94 0.00	119.75 -4.86 0.00	125.49 -5.23 0.00	127.29 -5.58 0.00	127.38 -5.86 0.00	130.55 -6.15 0.00	148.87 -7.01 0.00	168.68 -7.95 0.00	157.43 -7.42 0.00	141.78 -6.84 0.00	131.70 -6.21 0.00	120.92 -5.70 0.00	120.10 -5.66 0.00	115.53 -5.19 0.00
SITHE___MASSENA 23902	123.00 0.86 0.00	116.56 1.27 0.00	111.79 1.22 0.00	110.67 1.42 0.00	116.72 1.83 0.00	114.32 1.79 0.00	117.21 2.07 0.00	121.92 1.80 0.00	122.16 1.81 0.00	122.87 1.34 0.00	124.27 0.87 0.00	125.36 0.75 0.00	131.51 0.79 0.00	133.54 0.67 0.00	134.18 0.94 0.00	137.67 0.96 0.00	156.99 1.10 0.00	177.87 1.25 0.00	165.68 0.83 0.00	149.36 0.75 0.00	138.73 0.83 0.00	127.13 0.51 0.00	126.77 1.00 0.00	121.58 0.85 0.00
SITHE___OGDNSBRG 24021	124.58 2.44 0.00	118.18 2.88 0.00	113.22 2.65 0.00	112.20 2.95 0.00	118.45 3.56 0.00	116.01 3.49 0.00	118.93 3.80 0.00	124.32 4.20 0.00	124.33 3.97 0.00	124.93 3.40 0.00	125.87 2.47 0.00	126.73 2.12 0.00	132.81 2.09 0.00	134.73 1.86 0.00	135.24 2.00 0.00	139.03 2.32 0.00	159.00 3.12 0.00	179.98 3.36 0.00	167.81 2.97 0.00	150.99 2.38 0.00	140.25 2.34 0.00	128.27 1.65 0.00	128.40 2.64 0.00	123.26 2.54 0.00
SITHE___STERLING 23777	123.85 1.71 0.00	116.91 1.61 0.00	112.12 1.55 0.00	110.89 1.64 0.00	116.50 1.61 0.00	114.21 1.69 0.00	116.86 1.73 0.00	122.39 2.28 0.00	122.63 2.28 0.00	123.96 2.43 0.00	125.87 2.47 0.00	127.10 2.49 0.00	131.51 0.79 0.00	133.67 0.80 0.00	133.78 0.54 0.00	137.39 0.69 0.00	156.51 0.63 0.00	177.16 0.53 0.00	165.18 0.33 0.00	148.76 0.15 0.00	138.04 0.14 0.00	126.49 -0.13 0.00	127.39 1.63 0.00	122.18 1.45 0.00
SLEIGHT__34_KV_TB1 80719	117.86 -4.27 0.00	111.37 -3.92 0.00	106.92 -3.65 0.00	105.54 -3.71 0.00	110.52 -4.37 0.00	108.24 -4.28 0.00	110.76 -4.38 0.00	116.27 -3.84 0.00	116.74 -3.61 0.00	118.49 -3.04 0.00	120.31 -3.08 0.00	121.62 -2.99 0.00	127.06 -3.66 0.00	128.08 -4.78 0.00	127.91 -5.33 0.00	130.69 -6.01 0.00	149.18 -6.70 0.00	169.21 -7.42 0.00	157.43 -7.42 0.00	141.33 -7.28 0.00	131.56 -6.34 0.00	120.80 -5.82 0.00	120.10 -5.66 0.00	116.02 -4.71 0.00
SMITHTWN_69_KV_BK 1 55830	128.25 6.11 0.00	122.79 7.49 0.00	117.31 6.74 0.00	116.13 6.88 0.00	121.32 6.43 0.00	118.48 5.96 0.00	121.35 6.22 0.00	125.28 5.17 0.00	125.65 5.30 0.00	126.39 4.86 0.00	129.94 6.54 0.00	131.83 7.23 0.00	138.36 7.58 -0.05	141.82 8.90 -0.05	141.96 8.66 -0.05	231.81 9.16 -85.95	209.56 10.91 -42.76	202.03 13.95 -11.45	205.96 13.35 -27.76	211.07 12.19 -50.27	148.30 10.34 -0.05	136.42 9.75 -0.05	132.81 7.04 0.00	127.97 7.24 0.00
SOUTH CAIRO___GT 23612	131.54 9.40 0.00	123.82 8.53 0.00	118.53 7.96 0.00	116.79 7.54 0.00	122.82 7.93 0.00	120.28 7.76 0.00	122.85 7.71 0.00	127.68 7.57 0.00	126.73 6.38 0.00	127.36 5.83 0.00	129.81 6.42 0.00	130.96 6.35 0.00	137.78 7.06 0.00	140.71 7.84 0.00	140.71 7.46 0.00	145.31 8.61 0.00	166.49 10.60 0.00	188.64 12.01 0.00	175.89 11.04 0.00	158.72 10.11 0.00	147.42 9.52 0.00	135.48 8.86 0.00	134.94 9.18 0.00	128.57 7.85 0.00
SOUTH HAMPTN___IC 23720	129.34 7.20 0.00	123.94 8.65 0.00	118.31 7.74 0.00	117.12 7.87 0.00	122.25 7.36 0.00	119.39 6.86 0.00	122.51 7.37 0.00	127.08 6.96 0.00	127.21 6.86 0.00	128.57 7.05 0.00	132.03 8.63 0.00	133.45 8.85 0.00	140.69 9.93 -0.04	144.34 11.43 -0.04	144.21 10.93 -0.04	213.62 11.61 -65.31	201.62 13.24 -32.49	201.92 16.60 -8.70	201.43 15.49 -21.09	200.78 13.97 -38.20	149.53 11.59 -0.04	137.30 10.64 -0.04	133.69 7.93 0.00	129.53 8.81 0.00
SOUTHDOW_115KV_TB1 355954	119.70 -2.44 0.00	113.56 -1.73 0.00	109.35 -1.22 0.00	107.83 -1.42 0.00	112.13 -2.76 0.00	109.59 -2.93 0.00	111.79 -3.34 0.00	117.11 -3.00 0.00	117.34 -3.01 0.00	119.71 -1.82 0.00	121.55 -1.85 0.00	122.36 -2.24 0.00	127.19 -3.53 0.00	127.15 -5.71 0.00	126.32 -6.93 0.00	128.77 -7.93 0.00	147.00 -8.89 0.00	167.09 -9.54 0.00	155.45 -9.40 0.00	138.36 -10.25 0.00	129.21 -8.69 0.00	118.64 -7.98 0.00	118.60 -7.17 0.00	116.26 -4.47 0.00
SOUTHOLD_69_KV_BK 2 55809	130.08 7.94 0.00	124.63 9.34 0.00	118.86 8.29 0.00	117.77 8.52 0.00	122.93 8.04 0.00	120.06 7.54 0.00	123.31 8.17 0.00	127.44 7.33 0.00	127.94 7.58 0.00	129.18 7.66 0.00	133.27 9.87 0.00	135.82 11.21 0.00	142.92 12.16 -0.04	146.59 13.69 -0.04	146.34 13.06 -0.04	215.79 13.81 -65.28	204.73 16.37 -32.48	204.40 19.08 -8.69	203.07 17.14 -21.08	201.36 14.56 -38.18	150.21 12.27 -0.04	138.06 11.40 -0.04	134.06 8.30 0.00	129.66 8.93 0.00
SOUTHOLD___IC 23719	130.07 7.93 0.00	124.52 9.23 0.00	118.87 8.30 0.00	117.78 8.53 0.00	122.81 7.92 0.00	120.06 7.54 0.00	123.31 8.18 0.00	127.92 7.80 0.00	128.17 7.82 0.00	129.91 8.38 0.00	133.63 10.24 0.00	135.44 10.84 0.00	142.92 12.16 -0.04	146.60 13.69 -0.04	146.35 13.07 -0.04	215.78 13.80 -65.28	204.27 15.91 -32.48	204.40 19.08 -8.69	203.07 17.14 -21.08	201.80 15.00 -38.18	150.21 12.27 -0.04	137.80 11.15 -0.04	133.93 8.17 0.00	130.15 9.42 0.00
SOUTH_FORK_WT_PWR 323839	129.34 7.20 0.00	123.94 8.65 0.00	118.19 7.62 0.00	117.12 7.87 0.00	122.13 7.24 0.00	119.39 6.86 0.00	122.73 7.60 0.00	127.32 7.21 0.00	127.70 7.34 0.00	129.55 8.02 0.00	133.39 9.99 0.00	135.44 10.84 0.00	143.05 12.28 -0.04	146.72 13.82 -0.04	146.61 13.32 -0.04	215.95 13.95 -65.30	204.28 15.91 -32.48	203.86 18.54 -8.69	202.10 16.16 -21.09	200.77 13.97 -38.19	149.11 11.17 -0.04	136.66 10.00 -0.04	132.93 7.16 0.00	129.30 8.57 0.00
SPIERFLS_115KV_TB 1 80737	131.54 9.40 0.00	123.94 8.65 0.00	118.75 8.18 0.00	117.01 7.76 0.00	123.39 8.50 0.00	120.96 8.44 0.00	123.31 8.17 0.00	128.64 8.53 0.00	128.66 8.30 0.00	130.04 8.51 0.00	132.28 8.88 0.00	133.58 8.97 0.00	140.66 9.93 0.00	142.57 9.70 0.00	142.70 9.46 0.00	147.23 10.53 0.00	167.89 12.00 0.00	190.40 13.78 0.00	177.71 12.86 0.00	160.36 11.74 0.00	149.21 11.31 0.00	136.62 10.00 0.00	135.45 9.68 0.00	129.66 8.93 0.00
ST LAWRENCE____ 23600	122.14 0.00 0.00	115.52 0.23 0.00	110.90 0.33 0.00	109.69 0.44 0.00	115.58 0.69 0.00	113.31 0.79 0.00	116.05 0.92 0.00	120.72 0.60 0.00	120.96 0.60 0.00	121.77 0.24 0.00	123.27 -0.12 0.00	124.36 -0.25 0.00	130.46 -0.26 0.00	132.60 -0.27 0.00	133.24 0.00 0.00	136.70 0.00 0.00	155.89 0.00 0.00	176.63 0.00 0.00	164.68 -0.16 0.00	148.47 -0.15 0.00	137.90 0.00 0.00	126.49 -0.13 0.00	125.76 0.00 0.00	120.72 0.00 0.00



STATE_CA_115KV_115_LB 55624	127.15 5.01 0.00	120.02 4.73 0.00	114.99 4.42 0.00	113.51 4.26 0.00	119.26 4.37 0.00	116.91 4.39 0.00	119.28 4.14 0.00	124.20 4.08 0.00	124.33 3.97 0.00	125.66 4.13 0.00	128.21 4.81 0.00	129.47 4.86 0.00	135.95 5.23 0.00	138.45 5.58 0.00	137.77 4.53 0.00	141.76 5.06 0.00	161.34 5.46 0.00	182.63 6.01 0.00	170.78 5.93 0.00	154.26 5.65 0.00	143.14 5.24 0.00	131.68 5.06 0.00	131.17 5.41 0.00	125.67 4.95 0.00
STATE_ST_34_KV_LOAD 55959	120.55 -1.59 0.00	113.79 -1.50 0.00	109.24 -1.33 0.00	107.83 -1.42 0.00	113.17 -1.72 0.00	110.83 -1.69 0.00	113.41 -1.73 0.00	119.04 -1.08 0.00	119.39 -0.96 0.00	120.68 -0.85 0.00	122.66 -0.74 0.00	123.98 -0.62 0.00	129.55 -1.18 0.00	131.41 -1.46 0.00	131.38 -1.87 0.00	134.65 -2.05 0.00	154.02 -1.87 0.00	174.51 -2.12 0.00	162.70 -2.14 0.00	146.39 -2.23 0.00	135.97 -1.93 0.00	124.59 -2.03 0.00	123.63 -2.14 0.00	118.79 -1.93 0.00
STATION_5_MISC_HYD 23604	117.25 -4.89 0.00	111.03 -4.26 0.00	106.59 -3.98 0.00	105.21 -4.04 0.00	110.17 -4.72 0.00	107.80 -4.72 0.00	110.30 -4.83 0.00	115.80 -4.32 0.00	116.03 -4.33 0.00	118.00 -3.53 0.00	119.70 -3.70 0.00	120.87 -3.73 0.00	126.02 -4.70 0.00	126.76 -6.11 0.00	126.45 -6.79 0.00	128.77 -7.93 0.00	146.69 -9.20 0.00	166.57 -10.06 0.00	154.79 -10.06 0.00	138.96 -9.66 0.00	129.63 -8.27 0.00	119.78 -6.84 0.00	118.85 -6.92 0.00	115.42 -5.31 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	118.11 -4.03 0.00	111.60 -3.69 0.00	107.14 -3.43 0.00	105.86 -3.39 0.00	110.75 -4.14 0.00	108.58 -3.94 0.00	111.10 -4.03 0.00	116.51 -3.60 0.00	116.98 -3.37 0.00	118.73 -2.80 0.00	120.68 -2.71 0.00	121.87 -2.74 0.00	127.32 -3.40 0.00	128.22 -4.65 0.00	128.05 -5.20 0.00	130.82 -5.88 0.00	149.18 -6.70 0.00	169.39 -7.24 0.00	157.59 -7.25 0.00	141.48 -7.13 0.00	131.83 -6.07 0.00	120.92 -5.70 0.00	120.23 -5.53 0.00	116.26 -4.47 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	116.15 -5.98 0.00	109.87 -5.42 0.00	105.48 -5.09 0.00	104.22 -5.03 0.00	108.92 -5.97 0.00	106.78 -5.74 0.00	109.26 -5.87 0.00	114.59 -5.53 0.00	114.94 -5.42 0.00	116.79 -4.74 0.00	118.71 -4.69 0.00	119.87 -4.74 0.00	125.23 -5.49 0.00	125.96 -6.91 0.00	125.65 -7.59 0.00	128.23 -8.48 0.00	146.07 -9.82 0.00	165.85 -10.77 0.00	154.30 -10.55 0.00	138.36 -10.25 0.00	129.08 -8.83 0.00	118.64 -7.98 0.00	117.97 -7.80 0.00	114.33 -6.40 0.00
STA_56___34_KV_BUS2 355983	116.15 -5.98 0.00	109.87 -5.42 0.00	105.48 -5.09 0.00	104.22 -5.03 0.00	108.92 -5.97 0.00	106.78 -5.74 0.00	109.26 -5.87 0.00	114.59 -5.53 0.00	114.94 -5.42 0.00	116.79 -4.74 0.00	118.71 -4.69 0.00	119.87 -4.74 0.00	125.23 -5.49 0.00	125.96 -6.91 0.00	125.65 -7.59 0.00	128.23 -8.48 0.00	146.07 -9.82 0.00	165.85 -10.77 0.00	154.30 -10.55 0.00	138.36 -10.25 0.00	129.08 -8.83 0.00	118.64 -7.98 0.00	117.97 -7.80 0.00	114.33 -6.40 0.00
STA_67___115KV_BK2 355882	117.13 -5.01 0.00	110.80 -4.50 0.00	106.37 -4.20 0.00	105.10 -4.15 0.00	109.72 -5.17 0.00	107.57 -4.95 0.00	110.07 -5.07 0.00	115.31 -4.80 0.00	115.78 -4.57 0.00	117.76 -3.77 0.00	119.57 -3.83 0.00	120.74 -3.86 0.00	126.02 -4.71 0.00	126.49 -6.38 0.00	126.05 -7.20 0.00	128.50 -8.20 0.00	146.38 -9.51 0.00	166.21 -10.42 0.00	154.46 -10.39 0.00	138.66 -9.96 0.00	129.35 -8.55 0.00	119.02 -7.60 0.00	118.47 -7.29 0.00	115.05 -5.67 0.00
STA_7___115KV_9TRANS 80674	117.86 -4.27 0.00	111.49 -3.80 0.00	107.03 -3.54 0.00	105.64 -3.61 0.00	110.41 -4.48 0.00	108.24 -4.28 0.00	110.76 -4.38 0.00	116.15 -3.96 0.00	116.62 -3.73 0.00	118.61 -2.92 0.00	120.56 -2.84 0.00	121.74 -2.87 0.00	127.06 -3.66 0.00	127.55 -5.31 0.00	127.12 -6.13 0.00	129.46 -7.25 0.00	147.31 -8.57 0.00	167.44 -9.18 0.00	155.62 -9.23 0.00	139.55 -9.07 0.00	130.32 -7.58 0.00	120.04 -6.58 0.00	119.35 -6.41 0.00	115.90 -4.83 0.00
STA_82___115KV_TB1 80780	117.01 -5.13 0.00	110.68 -4.61 0.00	106.26 -4.31 0.00	104.99 -4.26 0.00	109.72 -5.17 0.00	107.46 -5.06 0.00	109.95 -5.18 0.00	115.31 -4.80 0.00	115.66 -4.69 0.00	117.64 -3.89 0.00	119.57 -3.83 0.00	120.62 -3.99 0.00	125.89 -4.84 0.00	126.22 -6.64 0.00	125.92 -7.33 0.00	128.36 -8.34 0.00	146.22 -9.66 0.00	166.03 -10.60 0.00	154.46 -10.39 0.00	138.51 -10.11 0.00	129.21 -8.69 0.00	118.90 -7.72 0.00	118.34 -7.42 0.00	115.05 -5.67 0.00
STEEL___WIND 323596	115.42 -6.72 0.00	109.65 -5.65 0.00	105.71 -4.86 0.00	104.23 -5.02 0.00	108.68 -6.21 0.00	106.22 -6.30 0.00	108.34 -6.79 0.00	113.39 -6.72 0.00	113.50 -6.86 0.00	115.70 -5.83 0.00	117.23 -6.17 0.00	118.12 -6.48 0.00	122.49 -8.23 0.00	122.50 -10.36 0.00	121.52 -11.73 0.00	123.71 -12.99 0.00	141.07 -14.81 0.00	159.84 -16.78 0.00	148.86 -15.99 0.00	132.56 -16.05 0.00	124.11 -13.79 0.00	115.22 -11.40 0.00	114.82 -10.94 0.00	112.88 -7.85 0.00
STEPHTWN_115KV_BK_2 55603	128.00 5.86 0.00	120.71 5.42 0.00	115.65 5.09 0.00	114.17 4.92 0.00	120.06 5.17 0.00	117.70 5.18 0.00	120.08 4.95 0.00	125.04 4.92 0.00	125.17 4.81 0.00	126.51 4.98 0.00	128.95 5.55 0.00	130.21 5.61 0.00	136.74 6.01 0.00	139.25 6.38 0.00	138.71 5.46 0.00	142.72 6.01 0.00	162.59 6.70 0.00	184.22 7.59 0.00	172.27 7.42 0.00	155.60 6.98 0.00	144.38 6.48 0.00	132.70 6.08 0.00	131.93 6.16 0.00	126.40 5.67 0.00
STEUBEN_REC_LFGE 323667	120.43 -1.71 0.00	114.26 -1.04 0.00	110.02 -0.55 0.00	108.81 -0.44 0.00	113.63 -1.26 0.00	111.40 -1.13 0.00	113.75 -1.38 0.00	119.52 -0.60 0.00	119.51 -0.84 0.00	120.92 -0.61 0.00	122.04 -1.36 0.00	122.86 -1.74 0.00	127.59 -3.14 0.00	127.55 -5.31 0.00	126.72 -6.53 0.00	129.73 -6.97 0.00	148.87 -7.01 0.00	168.50 -8.12 0.00	156.77 -8.08 0.00	139.55 -9.07 0.00	129.90 -8.00 0.00	118.90 -7.72 0.00	118.72 -7.04 0.00	115.53 -5.19 0.00
STILLWATER___SOLAR 323814	129.47 7.33 0.00	122.09 6.80 0.00	117.09 6.52 0.00	115.36 6.11 0.00	121.55 6.66 0.00	119.04 6.52 0.00	121.46 6.33 0.00	126.72 6.60 0.00	126.73 6.37 0.00	127.96 6.44 0.00	130.18 6.78 0.00	131.46 6.85 0.00	138.30 7.58 0.00	140.57 7.70 0.00	140.84 7.59 0.00	145.04 8.34 0.00	165.55 9.67 0.00	187.76 11.13 0.00	175.24 10.39 0.00	158.27 9.65 0.00	146.86 8.96 0.00	134.60 7.98 0.00	133.44 7.67 0.00	127.97 7.24 0.00
STONY___BROOK 24151	128.24 6.10 0.00	122.78 7.49 0.00	117.31 6.75 0.00	116.14 6.89 0.00	121.20 6.31 0.00	118.48 5.96 0.00	121.35 6.21 0.00	125.88 5.77 0.00	125.89 5.54 0.00	127.24 5.71 0.00	130.30 6.91 0.00	131.58 6.97 0.00	138.48 7.71 0.00	141.95 9.04 0.00	141.94 8.66 0.00	219.63 9.30 -73.62	203.58 11.07 -36.63	200.22 13.79 -9.80	201.82 13.19 -23.78	203.71 12.03 -43.06	148.29 10.35 -0.04	136.28 9.62 -0.04	132.80 7.04 0.00	128.46 7.73 0.00
STURGEON_POOL_HYD 23609	126.29 4.15 0.00	118.98 3.69 0.00	113.89 3.32 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.33 2.81 0.00	118.24 3.11 0.00	122.76 2.64 0.00	122.76 2.41 0.00	123.84 2.31 0.00	126.73 3.33 0.00	128.10 3.49 0.00	134.77 4.05 0.00	137.78 4.92 0.00	138.17 4.93 0.00	141.76 5.06 0.00	162.12 6.24 0.00	184.05 7.42 0.00	171.77 6.92 0.00	155.15 6.54 0.00	143.56 5.65 0.00	132.06 5.44 0.00	130.54 4.78 0.00	124.59 3.86 0.00



ST_LAW_115_BK7_LBMP 345037	122.14 0.00 0.00	115.64 0.35 0.00	110.90 0.33 0.00	109.69 0.44 0.00	115.58 0.69 0.00	113.31 0.79 0.00	116.05 0.92 0.00	120.72 0.60 0.00	120.96 0.60 0.00	121.77 0.24 0.00	123.15 -0.25 0.00	124.23 -0.37 0.00	130.46 -0.26 0.00	132.47 -0.40 0.00	133.24 0.00 0.00	136.70 0.00 0.00	155.89 0.00 0.00	176.45 -0.18 0.00	164.52 -0.33 0.00	148.32 -0.30 0.00	137.76 -0.14 0.00	126.37 -0.25 0.00	125.76 0.00 0.00	120.60 -0.12 0.00
ST_LAW_115_BK8_LBMP 345038	122.14 0.00 0.00	115.64 0.35 0.00	110.90 0.33 0.00	109.69 0.44 0.00	115.58 0.69 0.00	113.31 0.79 0.00	116.05 0.92 0.00	120.72 0.60 0.00	120.96 0.60 0.00	121.77 0.24 0.00	123.15 -0.25 0.00	124.23 -0.37 0.00	130.46 -0.26 0.00	132.47 -0.40 0.00	133.24 0.00 0.00	136.70 0.00 0.00	155.89 0.00 0.00	176.45 -0.18 0.00	164.52 -0.33 0.00	148.32 -0.30 0.00	137.76 -0.14 0.00	126.37 -0.25 0.00	125.76 0.00 0.00	120.60 -0.12 0.00
ST_LAW_230_BK5_LBMP 345035	122.14 0.00 0.00	115.52 0.23 0.00	110.90 0.33 0.00	109.69 0.44 0.00	115.58 0.69 0.00	113.31 0.79 0.00	116.05 0.92 0.00	120.72 0.60 0.00	120.96 0.60 0.00	121.77 0.24 0.00	123.27 -0.12 0.00	124.36 -0.25 0.00	130.46 -0.26 0.00	132.60 -0.27 0.00	133.24 0.00 0.00	136.70 0.00 0.00	155.89 0.00 0.00	176.63 0.00 0.00	164.68 -0.16 0.00	148.47 -0.15 0.00	137.90 0.00 0.00	126.49 -0.13 0.00	125.76 0.00 0.00	120.72 0.00 0.00
ST_LAW_230_BK6_LBMP 345036	122.14 0.00 0.00	115.52 0.23 0.00	110.90 0.33 0.00	109.69 0.44 0.00	115.58 0.69 0.00	113.31 0.79 0.00	116.05 0.92 0.00	120.72 0.60 0.00	120.96 0.60 0.00	121.77 0.24 0.00	123.27 -0.12 0.00	124.36 -0.25 0.00	130.46 -0.26 0.00	132.60 -0.27 0.00	133.24 0.00 0.00	136.70 0.00 0.00	155.89 0.00 0.00	176.63 0.00 0.00	164.68 -0.16 0.00	148.47 -0.15 0.00	137.90 0.00 0.00	126.49 -0.13 0.00	125.76 0.00 0.00	120.72 0.00 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	125.19 3.05 0.00	117.95 2.65 0.00	113.00 2.43 0.00	111.54 2.29 0.00	117.07 2.18 0.00	114.55 2.03 0.00	117.44 2.30 0.00	122.04 1.92 0.00	122.16 1.81 0.00	123.47 1.94 0.00	126.24 2.84 0.00	127.72 3.12 0.00	134.25 3.53 0.00	137.12 4.25 0.00	137.38 4.13 0.00	140.94 4.24 0.00	160.87 4.99 0.00	182.63 6.01 0.00	170.62 5.77 0.00	154.11 5.50 0.00	142.45 4.55 0.00	131.05 4.43 0.00	129.54 3.77 0.00	123.86 3.14 0.00
SWANROAD_115KV_TB1 355699	112.61 -9.53 0.00	107.22 -8.07 0.00	101.50 -9.07 0.00	101.93 -7.32 0.00	105.93 -8.96 0.00	103.97 -8.55 0.00	105.69 -9.44 0.00	108.83 -11.29 0.00	109.28 -11.07 0.00	111.44 -10.09 0.00	113.03 -10.37 0.00	113.77 -10.84 0.00	118.17 -12.55 0.00	117.72 -15.15 0.00	116.86 -16.39 0.00	118.52 -18.18 0.00	135.15 -20.73 0.00	152.96 -23.67 0.00	142.43 -22.42 0.00	126.77 -21.85 0.00	118.87 -19.03 0.00	109.78 -16.84 0.00	109.79 -15.97 0.00	110.10 -10.62 0.00
SYNERGY___BIOGAS 323694	116.77 -5.37 0.00	110.80 -4.50 0.00	105.70 -4.87 0.00	105.21 -4.04 0.00	109.49 -5.40 0.00	107.46 -5.06 0.00	109.72 -5.41 0.00	114.11 -6.01 0.00	114.58 -5.78 0.00	116.79 -4.74 0.00	118.59 -4.81 0.00	119.37 -5.23 0.00	124.32 -6.41 0.00	124.10 -8.77 0.00	123.52 -9.73 0.00	125.63 -11.07 0.00	143.26 -12.63 0.00	163.03 -13.60 0.00	151.49 -13.35 0.00	135.39 -13.23 0.00	126.46 -11.45 0.00	116.36 -10.26 0.00	116.08 -9.68 0.00	114.45 -6.28 0.00
SYRACUSE___ENERGY_ST1 323597	119.94 -2.20 0.00	113.22 -2.08 0.00	108.69 -1.88 0.00	107.28 -1.97 0.00	112.71 -2.18 0.00	110.27 -2.25 0.00	112.83 -2.30 0.00	118.19 -1.92 0.00	118.55 -1.81 0.00	119.83 -1.70 0.00	121.67 -1.73 0.00	122.99 -1.62 0.00	128.76 -1.96 0.00	130.61 -2.26 0.00	130.71 -2.53 0.00	133.97 -2.73 0.00	153.08 -2.81 0.00	173.27 -3.36 0.00	161.72 -3.13 0.00	145.49 -3.12 0.00	135.28 -2.62 0.00	124.09 -2.53 0.00	123.25 -2.52 0.00	118.31 -2.41 0.00
SYRACUSE___ENERGY_ST2 323598	119.94 -2.20 0.00	113.22 -2.08 0.00	108.69 -1.88 0.00	107.28 -1.97 0.00	112.71 -2.18 0.00	110.27 -2.25 0.00	112.83 -2.30 0.00	118.19 -1.92 0.00	118.55 -1.81 0.00	119.83 -1.70 0.00	121.67 -1.73 0.00	122.99 -1.62 0.00	128.76 -1.96 0.00	130.61 -2.26 0.00	130.71 -2.53 0.00	133.97 -2.73 0.00	153.08 -2.81 0.00	173.27 -3.36 0.00	161.72 -3.13 0.00	145.49 -3.12 0.00	135.28 -2.62 0.00	124.09 -2.53 0.00	123.25 -2.52 0.00	118.31 -2.41 0.00
SYRACUSE___POWER 24017	119.94 -2.20 0.00	113.22 -2.08 0.00	108.58 -1.99 0.00	107.28 -1.97 0.00	112.59 -2.30 0.00	110.27 -2.25 0.00	112.71 -2.42 0.00	118.07 -2.04 0.00	118.43 -1.93 0.00	119.71 -1.82 0.00	121.67 -1.73 0.00	122.86 -1.74 0.00	128.63 -2.09 0.00	130.61 -2.26 0.00	130.58 -2.66 0.00	133.97 -2.73 0.00	152.92 -2.96 0.00	173.27 -3.36 0.00	161.55 -3.30 0.00	145.49 -3.12 0.00	135.14 -2.76 0.00	123.96 -2.66 0.00	123.12 -2.64 0.00	118.31 -2.41 0.00
TALLMAN__138KV_BK151 55660	125.19 3.05 0.00	118.06 2.77 0.00	113.00 2.43 0.00	111.54 2.29 0.00	117.07 2.18 0.00	114.43 1.91 0.00	117.44 2.30 0.00	121.92 1.80 0.00	122.28 1.93 0.00	123.59 2.07 0.00	126.48 3.08 0.00	127.97 3.36 0.00	134.51 3.79 0.00	137.38 4.52 0.00	137.64 4.40 0.00	141.21 4.51 0.00	161.19 5.30 0.00	183.16 6.54 0.00	170.95 6.10 0.00	154.41 5.80 0.00	142.87 4.96 0.00	131.30 4.68 0.00	129.66 3.90 0.00	124.11 3.38 0.00
TEALLAVE_115KV_TB7 355573	119.33 -2.81 0.00	112.64 -2.65 0.00	108.14 -2.43 0.00	106.74 -2.51 0.00	112.13 -2.76 0.00	109.82 -2.70 0.00	112.25 -2.88 0.00	117.47 -2.64 0.00	117.83 -2.53 0.00	119.10 -2.43 0.00	121.05 -2.34 0.00	122.24 -2.37 0.00	127.98 -2.75 0.00	129.81 -3.06 0.00	129.91 -3.33 0.00	133.15 -3.55 0.00	151.99 -3.90 0.00	172.21 -4.42 0.00	160.73 -4.12 0.00	144.60 -4.01 0.00	134.32 -3.59 0.00	123.33 -3.29 0.00	122.49 -3.27 0.00	117.71 -3.02 0.00
TELGRAPH_34_KV_EAST 80808	114.69 -7.45 0.00	108.95 -6.34 0.00	103.93 -6.63 0.00	103.57 -5.68 0.00	107.65 -7.24 0.00	105.66 -6.86 0.00	107.76 -7.37 0.00	111.71 -8.41 0.00	112.17 -8.18 0.00	114.36 -7.17 0.00	116.12 -7.28 0.00	116.88 -7.73 0.00	121.57 -9.15 0.00	121.31 -11.56 0.00	120.59 -12.66 0.00	122.48 -14.22 0.00	139.52 -16.37 0.00	158.44 -18.19 0.00	147.21 -17.64 0.00	131.38 -17.24 0.00	123.01 -14.89 0.00	113.32 -13.30 0.00	113.19 -12.58 0.00	112.27 -8.45 0.00
TEMPLE___115KV_TB 2 55572	119.45 -2.69 0.00	112.76 -2.54 0.00	108.14 -2.43 0.00	106.85 -2.40 0.00	112.13 -2.76 0.00	109.82 -2.70 0.00	112.25 -2.88 0.00	117.59 -2.52 0.00	117.95 -2.41 0.00	119.22 -2.31 0.00	121.05 -2.34 0.00	122.36 -2.24 0.00	128.11 -2.61 0.00	129.94 -2.92 0.00	129.91 -3.33 0.00	133.28 -3.42 0.00	152.15 -3.74 0.00	172.39 -4.24 0.00	160.73 -4.12 0.00	144.75 -3.86 0.00	134.45 -3.45 0.00	123.33 -3.29 0.00	122.62 -3.14 0.00	117.83 -2.90 0.00
TIANA____69_KV_BK 1 55817	129.22 7.08 0.00	123.82 8.53 0.00	118.20 7.63 0.00	117.01 7.76 0.00	122.24 7.35 0.00	119.27 6.75 0.00	122.39 7.25 0.00	126.36 6.25 0.00	126.73 6.38 0.00	127.60 6.08 0.00	131.42 8.02 0.00	133.45 8.85 0.00	140.30 9.54 -0.04	143.80 10.90 -0.04	143.81 10.53 -0.04	213.06 11.07 -65.29	201.61 13.25 -32.48	201.39 16.07 -8.69	201.10 15.17 -21.08	200.18 13.38 -38.19	149.53 11.58 -0.04	137.55 10.89 -0.04	133.69 7.92 0.00	128.93 8.21 0.00



TILDEN___115KV_TB1 80814	119.94 -2.20 0.00	113.22 -2.08 0.00	108.58 -1.99 0.00	107.28 -1.97 0.00	112.59 -2.30 0.00	110.27 -2.25 0.00	112.71 -2.42 0.00	118.07 -2.04 0.00	118.43 -1.93 0.00	119.71 -1.82 0.00	121.67 -1.73 0.00	122.86 -1.74 0.00	128.63 -2.09 0.00	130.61 -2.26 0.00	130.58 -2.66 0.00	133.97 -2.73 0.00	152.92 -2.96 0.00	173.27 -3.36 0.00	161.55 -3.30 0.00	145.49 -3.12 0.00	135.14 -2.76 0.00	123.96 -2.66 0.00	123.12 -2.64 0.00	118.31 -2.41 0.00
TRIGEN___CC 323695	126.66 4.52 0.00	120.60 5.30 0.00	115.32 4.75 0.00	114.06 4.81 0.00	119.37 4.48 0.00	116.57 4.05 0.00	119.51 4.38 0.00	123.60 3.48 0.00	123.96 3.61 0.00	125.05 3.52 0.00	128.46 5.06 0.00	130.21 5.61 0.00	136.61 5.88 0.00	139.91 7.04 0.00	139.91 6.66 0.00	143.67 6.97 0.00	164.15 8.26 0.00	187.23 10.60 0.00	175.07 10.22 0.00	157.98 9.36 0.00	145.76 7.86 0.00	134.34 7.72 0.00	131.30 5.53 0.00	126.16 5.43 0.00
TRINITY___115KV___4 BK 55933	126.66 4.52 0.00	119.56 4.27 0.00	114.55 3.98 0.00	113.07 3.82 0.00	118.80 3.91 0.00	116.46 3.94 0.00	118.93 3.80 0.00	123.72 3.60 0.00	123.84 3.49 0.00	125.30 3.77 0.00	127.72 4.32 0.00	128.97 4.36 0.00	135.43 4.71 0.00	137.78 4.92 0.00	137.38 4.13 0.00	141.21 4.51 0.00	160.87 4.99 0.00	182.10 5.48 0.00	170.29 5.44 0.00	153.82 5.20 0.00	142.59 4.69 0.00	131.18 4.56 0.00	130.67 4.90 0.00	125.19 4.47 0.00
UNION___PROCESSING_DRP 323587	117.01 -5.13 0.00	110.68 -4.61 0.00	106.37 -4.20 0.00	104.99 -4.26 0.00	109.72 -5.17 0.00	107.57 -4.95 0.00	110.07 -5.07 0.00	115.31 -4.80 0.00	115.78 -4.57 0.00	117.64 -3.89 0.00	119.57 -3.83 0.00	120.62 -3.99 0.00	125.89 -4.84 0.00	126.36 -6.51 0.00	126.05 -7.20 0.00	128.36 -8.34 0.00	146.22 -9.66 0.00	166.03 -10.60 0.00	154.46 -10.39 0.00	138.51 -10.11 0.00	129.21 -8.69 0.00	118.90 -7.72 0.00	118.34 -7.42 0.00	115.05 -5.67 0.00
UPPER HUDSON___HYD 24058	131.54 9.41 0.00	123.94 8.65 0.00	118.75 8.18 0.00	117.01 7.76 0.00	123.39 8.50 0.00	120.96 8.44 0.00	123.31 8.18 0.00	128.77 8.65 0.00	128.65 8.30 0.00	130.03 8.50 0.00	132.29 8.89 0.00	133.58 8.98 0.00	140.65 9.93 0.00	142.56 9.69 0.00	142.71 9.46 0.00	147.23 10.53 0.00	167.89 12.00 0.00	190.41 13.79 0.00	177.71 12.87 0.00	160.51 11.89 0.00	149.21 11.31 0.00	136.62 10.00 0.00	135.45 9.68 0.00	129.78 9.06 0.00
UPPER RAQUET___HYD 24056	122.14 0.00 0.00	115.99 0.70 0.00	111.35 0.78 0.00	110.34 1.09 0.00	116.38 1.49 0.00	114.21 1.69 0.00	116.97 1.84 0.00	121.80 1.68 0.00	122.04 1.68 0.00	122.62 1.09 0.00	124.27 0.87 0.00	124.86 0.25 0.00	130.46 -0.26 0.00	132.08 -0.79 0.00	132.32 -0.93 0.00	135.60 -1.10 0.00	154.80 -1.08 0.00	175.21 -1.42 0.00	163.20 -1.65 0.00	146.98 -1.63 0.00	136.52 -1.38 0.00	124.85 -1.77 0.00	125.51 -0.25 0.00	120.48 -0.24 0.00
VALLEY44_115KV_TB2 355964	116.40 -5.74 0.00	110.45 -4.84 0.00	106.26 -4.31 0.00	104.88 -4.37 0.00	109.26 -5.63 0.00	106.89 -5.63 0.00	109.15 -5.99 0.00	114.23 -5.89 0.00	114.58 -5.78 0.00	116.55 -4.98 0.00	118.34 -5.06 0.00	119.25 -5.36 0.00	123.92 -6.80 0.00	124.10 -8.77 0.00	123.25 -9.99 0.00	125.90 -10.80 0.00	143.88 -12.00 0.00	163.20 -13.42 0.00	151.99 -12.86 0.00	135.39 -13.23 0.00	126.46 -11.45 0.00	116.24 -10.38 0.00	115.95 -9.81 0.00	113.72 -7.00 0.00
VALLEY___115KV_TB 1-4 80826	126.29 4.15 0.00	119.21 3.92 0.00	114.55 3.98 0.00	113.40 4.15 0.00	119.37 4.48 0.00	117.02 4.50 0.00	119.85 4.72 0.00	125.16 5.04 0.00	125.53 5.18 0.00	126.88 5.35 0.00	129.07 5.68 0.00	130.34 5.73 0.00	136.87 6.14 0.00	138.98 6.11 0.00	139.11 5.86 0.00	142.72 6.01 0.00	162.59 6.70 0.00	184.22 7.59 0.00	171.77 6.92 0.00	154.71 6.09 0.00	143.28 5.38 0.00	131.43 4.81 0.00	130.54 4.78 0.00	125.07 4.35 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	128.12 5.98 0.00	120.71 5.42 0.00	115.77 5.20 0.00	114.60 5.35 0.00	120.29 5.40 0.00	117.58 5.06 0.00	120.54 5.41 0.00	126.36 6.25 0.00	126.49 6.14 0.00	127.85 6.32 0.00	130.06 6.66 0.00	131.46 6.85 0.00	137.91 7.19 0.00	140.04 7.17 0.00	140.04 6.80 0.00	143.95 7.25 0.00	164.15 8.26 0.00	185.99 9.36 0.00	173.75 8.90 0.00	156.34 7.73 0.00	145.07 7.17 0.00	132.70 6.08 0.00	131.93 6.16 0.00	126.16 5.43 0.00
VISCHER___FERRY HYD 24020	127.88 5.74 0.00	120.60 5.31 0.00	115.66 5.09 0.00	114.05 4.80 0.00	119.94 5.05 0.00	117.47 4.95 0.00	120.08 4.95 0.00	125.16 5.04 0.00	125.29 4.94 0.00	126.63 5.10 0.00	128.82 5.42 0.00	130.08 5.48 0.00	136.74 6.02 0.00	139.24 6.38 0.00	139.38 6.13 0.00	143.26 6.56 0.00	163.37 7.48 0.00	185.28 8.65 0.00	173.09 8.24 0.00	156.34 7.72 0.00	144.79 6.89 0.00	132.95 6.33 0.00	131.92 6.16 0.00	126.52 5.79 0.00
V_A_10_SYNC_DSASP 323832	113.59 -8.55 0.00	107.80 -7.49 0.00	103.71 -6.86 0.00	102.37 -6.88 0.00	106.62 -8.27 0.00	104.53 -7.99 0.00	106.73 -8.40 0.00	111.71 -8.41 0.00	112.17 -8.18 0.00	114.12 -7.41 0.00	115.87 -7.53 0.00	116.76 -7.85 0.00	121.44 -9.28 0.00	121.44 -11.43 0.00	120.72 -12.52 0.00	122.76 -13.94 0.00	139.67 -16.21 0.00	158.08 -18.55 0.00	147.21 -17.64 0.00	131.38 -17.24 0.00	123.28 -14.62 0.00	113.58 -13.04 0.00	113.31 -12.45 0.00	111.31 -9.42 0.00
V_CMM_10_SYNC_DSASP 323787	122.14 0.00 0.00	116.10 0.81 0.00	111.34 0.77 0.00	110.12 0.87 0.00	116.15 1.26 0.00	113.87 1.35 0.00	116.63 1.50 0.00	121.68 1.56 0.00	121.68 1.32 0.00	122.50 0.97 0.00	123.15 -0.25 0.00	124.23 -0.37 0.00	130.46 -0.26 0.00	132.47 -0.40 0.00	133.24 0.00 0.00	136.70 0.00 0.00	155.89 0.00 0.00	176.45 -0.18 0.00	164.52 -0.33 0.00	148.32 -0.30 0.00	137.76 -0.14 0.00	126.37 -0.25 0.00	125.76 0.00 0.00	120.72 0.00 0.00
V_CMP_10_SYNC_DSASP 323788	122.87 0.73 0.00	115.87 0.58 0.00	111.45 0.88 0.00	110.45 1.20 0.00	116.73 1.84 0.00	114.43 1.91 0.00	117.44 2.30 0.00	121.56 1.44 0.00	121.92 1.56 0.00	121.77 0.24 0.00	123.03 -0.37 0.00	123.98 -0.62 0.00	130.46 -0.26 0.00	132.47 -0.40 0.00	133.11 -0.13 0.00	136.57 -0.14 0.00	156.04 0.16 0.00	176.63 0.00 0.00	164.52 -0.33 0.00	148.32 -0.30 0.00	137.90 0.00 0.00	126.24 -0.38 0.00	125.51 -0.25 0.00	121.21 0.48 0.00
V_D_10_SYNC_DSASP 323841	122.99 0.85 0.00	116.56 1.27 0.00	111.78 1.22 0.00	110.67 1.42 0.00	116.73 1.84 0.00	114.32 1.80 0.00	117.20 2.07 0.00	122.28 2.16 0.00	122.40 2.05 0.00	123.11 1.58 0.00	124.26 0.86 0.00	125.35 0.75 0.00	131.51 0.78 0.00	133.53 0.66 0.00	134.18 0.93 0.00	137.66 0.96 0.00	157.13 1.25 0.00	177.86 1.24 0.00	165.67 0.82 0.00	149.36 0.74 0.00	138.87 0.97 0.00	127.13 0.51 0.00	126.77 1.01 0.00	121.81 1.09 0.00
V_E_10_SYNC_DSASP 323830	130.44 8.31 0.00	123.13 7.84 0.00	118.31 7.74 0.00	117.33 8.08 0.00	122.93 8.04 0.00	120.62 8.10 0.00	123.88 8.75 0.00	130.93 10.81 0.00	131.07 10.71 0.00	132.10 10.57 0.00	133.76 10.37 0.00	135.07 10.47 0.00	141.44 10.72 0.00	143.10 10.23 0.00	142.70 9.46 0.00	147.09 10.39 0.00	168.67 12.78 0.00	190.93 14.31 0.00	177.87 13.02 0.00	159.32 10.70 0.00	147.83 9.93 0.00	133.84 7.22 0.00	133.56 7.80 0.00	127.49 6.76 0.00



V_F_30_NSYNC___DSASP 323816	129.59 7.45 0.00	122.21 6.92 0.00	117.09 6.52 0.00	115.48 6.23 0.00	121.55 6.66 0.00	119.16 6.64 0.00	121.58 6.45 0.00	126.72 6.61 0.00	126.73 6.38 0.00	127.97 6.44 0.00	130.31 6.91 0.00	131.58 6.98 0.00	138.44 7.71 0.00	140.71 7.84 0.00	140.97 7.73 0.00	145.18 8.48 0.00	165.71 9.82 0.00	187.76 11.13 0.00	175.40 10.55 0.00	158.28 9.66 0.00	146.87 8.96 0.00	134.72 8.10 0.00	133.56 7.80 0.00	127.97 7.24 0.00
V_F_30_SYNC_DSASP 323786	127.15 5.01 0.00	120.02 4.73 0.00	114.99 4.42 0.00	113.51 4.26 0.00	119.26 4.37 0.00	116.80 4.28 0.00	119.28 4.14 0.00	124.20 4.08 0.00	124.33 3.97 0.00	125.66 4.13 0.00	128.21 4.81 0.00	129.47 4.86 0.00	135.95 5.23 0.00	138.45 5.58 0.00	137.77 4.53 0.00	141.76 5.06 0.00	161.34 5.46 0.00	182.63 6.01 0.00	170.78 5.93 0.00	154.26 5.65 0.00	143.14 5.24 0.00	131.68 5.06 0.00	131.17 5.41 0.00	125.67 4.95 0.00
V_XM_10_SYNC_DSASP 323789	122.87 0.73 0.00	115.87 0.58 0.00	111.45 0.88 0.00	110.45 1.20 0.00	116.73 1.84 0.00	114.43 1.91 0.00	117.44 2.30 0.00	121.56 1.44 0.00	121.92 1.56 0.00	121.77 0.24 0.00	123.03 -0.37 0.00	123.98 -0.62 0.00	130.46 -0.26 0.00	132.47 -0.40 0.00	133.11 -0.13 0.00	136.57 -0.14 0.00	156.04 0.16 0.00	176.63 0.00 0.00	164.52 -0.33 0.00	148.32 -0.30 0.00	137.90 0.00 0.00	126.24 -0.38 0.00	125.51 -0.25 0.00	121.21 0.48 0.00
W.BABYLN_69_KV_BK1 56697	128.61 6.47 0.00	123.02 7.72 0.00	117.53 6.97 0.00	116.35 7.10 0.00	121.55 6.66 0.00	118.71 6.19 0.00	121.58 6.45 0.00	125.64 5.53 0.00	125.89 5.54 0.00	126.75 5.23 0.00	130.19 6.79 0.00	132.08 7.48 0.00	138.57 7.84 0.00	141.37 8.50 0.00	141.64 8.39 0.00	150.32 8.61 -5.00	168.97 10.60 -2.49	191.07 13.78 -0.67	179.65 13.19 -1.62	163.43 11.89 -2.93	147.97 10.07 0.00	136.12 9.50 0.00	133.31 7.55 0.00	128.33 7.61 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	125.93 3.79 0.00	118.64 3.34 0.00	113.55 2.99 0.00	112.09 2.84 0.00	117.65 2.76 0.00	115.00 2.48 0.00	118.01 2.88 0.00	122.52 2.40 0.00	122.76 2.41 0.00	124.08 2.55 0.00	126.98 3.58 0.00	128.47 3.86 0.00	135.04 4.31 0.00	138.05 5.18 0.00	138.31 5.06 0.00	141.90 5.19 0.00	161.97 6.08 0.00	184.05 7.42 0.00	171.94 7.09 0.00	155.30 6.69 0.00	143.56 5.65 0.00	131.94 5.32 0.00	130.29 4.53 0.00	124.59 3.86 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	126.41 4.27 0.00	118.98 3.69 0.00	113.89 3.32 0.00	112.42 3.17 0.00	117.99 3.10 0.00	115.22 2.70 0.00	118.36 3.22 0.00	122.88 2.76 0.00	123.36 3.01 0.00	124.81 3.28 0.00	127.84 4.44 0.00	129.47 4.86 0.00	136.08 5.36 0.00	139.11 6.24 0.00	139.37 6.13 0.00	142.72 6.01 0.00	162.75 6.86 0.00	184.93 8.30 0.00	172.76 7.91 0.00	156.20 7.58 0.00	144.25 6.34 0.00	132.70 6.08 0.00	130.92 5.16 0.00	125.43 4.71 0.00
W50THST__13_KV_LOAD 356117	126.78 4.64 0.00	119.44 4.15 0.00	114.33 3.76 0.00	112.86 3.61 0.00	118.34 3.45 0.00	115.67 3.15 0.00	118.82 3.68 0.00	123.24 3.12 0.00	123.84 3.49 0.00	125.30 3.77 0.00	128.33 4.94 0.00	129.96 5.36 0.00	136.61 5.88 0.00	139.64 6.78 0.00	139.91 6.66 0.00	143.26 6.56 0.00	163.37 7.48 0.00	185.81 9.18 0.00	173.42 8.57 0.00	156.79 8.17 0.00	144.80 6.90 0.00	133.20 6.58 0.00	131.42 5.66 0.00	125.92 5.19 0.00
WADING RIVER_IC_1 23522	128.73 6.59 0.00	123.24 7.95 0.00	117.75 7.18 0.00	116.57 7.32 0.00	121.67 6.78 0.00	118.82 6.30 0.00	121.81 6.68 0.00	126.36 6.24 0.00	126.37 6.02 0.00	127.72 6.19 0.00	130.93 7.53 0.00	132.34 7.73 0.00	139.39 8.63 -0.04	142.88 9.97 -0.04	142.88 9.60 -0.04	212.45 10.26 -65.49	200.00 11.54 -32.58	200.00 14.65 -8.72	200.18 14.18 -21.15	200.00 13.08 -38.30	148.83 10.89 -0.04	136.79 10.13 -0.04	133.18 7.42 0.00	128.94 8.21 0.00
WADING RIVER_IC_2 23547	128.73 6.59 0.00	123.24 7.95 0.00	117.75 7.18 0.00	116.57 7.32 0.00	121.67 6.78 0.00	118.82 6.30 0.00	121.81 6.68 0.00	126.36 6.24 0.00	126.37 6.02 0.00	127.72 6.19 0.00	130.93 7.53 0.00	132.34 7.73 0.00	139.39 8.63 -0.04	142.88 9.97 -0.04	142.88 9.60 -0.04	212.45 10.26 -65.49	200.00 11.54 -32.58	200.00 14.65 -8.72	200.18 14.18 -21.15	200.00 13.08 -38.30	148.83 10.89 -0.04	136.79 10.13 -0.04	133.18 7.42 0.00	128.94 8.21 0.00
WADING RIVER_IC_3 23601	128.73 6.59 0.00	123.24 7.95 0.00	117.75 7.18 0.00	116.57 7.32 0.00	121.67 6.78 0.00	118.82 6.30 0.00	121.81 6.68 0.00	126.36 6.24 0.00	126.37 6.02 0.00	127.72 6.19 0.00	130.93 7.53 0.00	132.34 7.73 0.00	139.39 8.63 -0.04	142.88 9.97 -0.04	142.88 9.60 -0.04	212.45 10.26 -65.49	200.00 11.54 -32.58	200.00 14.65 -8.72	200.18 14.18 -21.15	200.00 13.08 -38.30	148.83 10.89 -0.04	136.79 10.13 -0.04	133.18 7.42 0.00	128.94 8.21 0.00
WALDENNY_12_KV_BK2 80841	115.54 -6.60 0.00	109.76 -5.53 0.00	105.26 -5.31 0.00	104.22 -5.03 0.00	108.34 -6.55 0.00	106.22 -6.30 0.00	108.34 -6.79 0.00	112.91 -7.21 0.00	113.25 -7.10 0.00	115.57 -5.95 0.00	117.23 -6.17 0.00	118.00 -6.60 0.00	122.62 -8.10 0.00	122.37 -10.50 0.00	121.52 -11.73 0.00	123.58 -13.12 0.00	140.92 -14.97 0.00	159.67 -16.96 0.00	148.69 -16.16 0.00	132.42 -16.20 0.00	123.97 -13.93 0.00	114.21 -12.41 0.00	114.19 -11.57 0.00	112.88 -7.85 0.00
WALDEN__HYDRO 24148	126.05 3.91 0.00	118.87 3.57 0.00	113.78 3.21 0.00	112.31 3.06 0.00	117.88 2.99 0.00	115.22 2.70 0.00	118.13 2.99 0.00	122.76 2.64 0.00	122.88 2.53 0.00	124.08 2.55 0.00	126.85 3.46 0.00	128.35 3.74 0.00	134.91 4.18 0.00	137.78 4.92 0.00	138.17 4.93 0.00	141.76 5.06 0.00	161.97 6.08 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.01 6.39 0.00	143.42 5.52 0.00	131.94 5.32 0.00	130.42 4.65 0.00	124.59 3.86 0.00
WARRENSBURG____ 23737	131.54 9.40 0.00	123.94 8.65 0.00	118.75 8.18 0.00	117.01 7.76 0.00	123.39 8.50 0.00	120.96 8.44 0.00	123.31 8.17 0.00	128.64 8.53 0.00	128.66 8.30 0.00	130.04 8.51 0.00	132.28 8.88 0.00	133.58 8.97 0.00	140.66 9.93 0.00	142.57 9.70 0.00	142.70 9.46 0.00	147.23 10.53 0.00	167.89 12.00 0.00	190.40 13.78 0.00	177.71 12.86 0.00	160.36 11.74 0.00	149.21 11.31 0.00	136.62 10.00 0.00	135.45 9.68 0.00	129.66 8.93 0.00
WATERSIDE____6 8 9 23538	126.66 4.52 0.00	119.10 3.80 0.00	113.89 3.32 0.00	112.53 3.28 0.00	117.99 3.10 0.00	114.77 2.25 0.00	117.78 2.65 0.00	122.16 2.04 0.00	122.64 2.29 0.00	124.20 2.67 0.00	127.22 3.83 0.00	128.84 4.24 0.00	135.43 4.71 0.00	138.45 5.58 0.00	138.84 5.60 0.00	142.03 5.33 0.00	161.97 6.08 0.00	184.22 7.59 0.00	172.10 7.25 0.00	155.60 6.98 0.00	143.56 5.65 0.00	132.32 5.70 0.00	130.67 4.90 0.00	125.67 4.95 0.00
WATKINRD_115KV_LN8_ILLION 55919	125.19 3.05 0.00	118.18 2.88 0.00	113.55 2.99 0.00	112.31 3.06 0.00	118.11 3.22 0.00	115.67 3.15 0.00	118.47 3.34 0.00	123.72 3.60 0.00	123.96 3.61 0.00	125.42 3.89 0.00	127.47 4.07 0.00	128.72 4.11 0.00	135.17 4.44 0.00	137.25 4.38 0.00	137.51 4.26 0.00	141.08 4.37 0.00	160.72 4.83 0.00	182.10 5.48 0.00	169.96 5.11 0.00	153.07 4.46 0.00	141.90 4.00 0.00	130.17 3.55 0.00	129.29 3.52 0.00	123.98 3.26 0.00



WDELAWARE___HYD 323627	126.66 4.52 0.00	119.22 3.92 0.00	114.11 3.54 0.00	112.64 3.39 0.00	118.22 3.33 0.00	115.67 3.15 0.00	118.71 3.57 0.00	123.36 3.24 0.00	123.12 2.77 0.00	124.20 2.67 0.00	126.73 3.33 0.00	128.09 3.48 0.00	134.78 4.06 0.00	137.64 4.78 0.00	138.18 4.93 0.00	141.90 5.19 0.00	162.43 6.55 0.00	184.58 7.96 0.00	172.09 7.25 0.00	155.31 6.69 0.00	143.83 5.93 0.00	132.06 5.44 0.00	130.66 4.90 0.00	124.70 3.98 0.00
WEST BABYLON___IC 23714	128.61 6.47 0.00	123.02 7.72 0.00	117.53 6.97 0.00	116.35 7.10 0.00	121.55 6.66 0.00	118.71 6.19 0.00	121.58 6.45 0.00	125.64 5.53 0.00	125.89 5.54 0.00	126.75 5.23 0.00	130.19 6.79 0.00	132.08 7.48 0.00	138.57 7.84 0.00	141.37 8.50 0.00	141.64 8.39 0.00	150.32 8.61 -5.00	168.97 10.60 -2.49	191.07 13.78 -0.67	179.65 13.19 -1.62	163.43 11.89 -2.93	147.97 10.07 0.00	136.12 9.50 0.00	133.31 7.55 0.00	128.33 7.61 0.00
WEST CANADA___HYD 24049	122.63 0.49 0.00	115.76 0.46 0.00	111.01 0.44 0.00	109.69 0.44 0.00	115.35 0.46 0.00	112.97 0.45 0.00	115.48 0.35 0.00	120.60 0.48 0.00	120.84 0.48 0.00	122.02 0.49 0.00	124.02 0.62 0.00	125.36 0.75 0.00	131.51 0.79 0.00	133.67 0.80 0.00	133.91 0.67 0.00	137.39 0.69 0.00	156.51 0.63 0.00	177.34 0.71 0.00	165.68 0.83 0.00	149.36 0.75 0.00	138.46 0.55 0.00	127.13 0.51 0.00	126.40 0.63 0.00	121.33 0.61 0.00
WESTERN_NY_WIND 24143	116.52 -5.62 0.00	110.68 -4.61 0.00	105.48 -5.09 0.00	105.10 -4.15 0.00	109.38 -5.51 0.00	107.23 -5.29 0.00	109.49 -5.64 0.00	113.87 -6.25 0.00	114.34 -6.02 0.00	116.55 -4.98 0.00	118.34 -5.06 0.00	119.12 -5.48 0.00	123.92 -6.80 0.00	123.70 -9.17 0.00	123.25 -9.99 0.00	125.22 -11.48 0.00	142.95 -12.94 0.00	162.50 -14.13 0.00	151.00 -13.85 0.00	134.94 -13.67 0.00	126.18 -11.72 0.00	115.98 -10.64 0.00	115.70 -10.06 0.00	114.21 -6.52 0.00
WESTOVER___LESR 323668	120.92 -1.22 0.00	114.26 -1.04 0.00	109.68 -0.88 0.00	108.38 -0.87 0.00	113.63 -1.26 0.00	111.28 -1.24 0.00	113.64 -1.50 0.00	119.04 -1.08 0.00	119.27 -1.08 0.00	120.68 -0.85 0.00	122.66 -0.74 0.00	123.86 -0.75 0.00	129.55 -1.18 0.00	131.14 -1.73 0.00	131.11 -2.13 0.00	134.38 -2.32 0.00	153.55 -2.34 0.00	173.98 -2.65 0.00	162.37 -2.47 0.00	145.79 -2.82 0.00	135.56 -2.34 0.00	124.34 -2.28 0.00	123.50 -2.26 0.00	119.03 -1.69 0.00
WETHRSFD_WT_PWR 323626	116.16 -5.98 0.00	110.22 -5.07 0.00	106.14 -4.43 0.00	104.77 -4.48 0.00	109.49 -5.40 0.00	107.01 -5.51 0.00	109.14 -5.99 0.00	114.35 -5.76 0.00	114.46 -5.89 0.00	116.31 -5.22 0.00	117.35 -6.04 0.00	118.12 -6.48 0.00	122.49 -8.23 0.00	122.76 -10.10 0.00	122.19 -11.06 0.00	124.67 -12.03 0.00	142.48 -13.41 0.00	161.26 -15.37 0.00	150.01 -14.84 0.00	133.76 -14.86 0.00	124.93 -12.97 0.00	115.48 -11.14 0.00	114.95 -10.82 0.00	112.75 -7.97 0.00
WHAVSTOR_138KV_BK127 55557	125.19 3.05 0.00	117.95 2.65 0.00	113.00 2.43 0.00	111.54 2.29 0.00	117.07 2.18 0.00	114.43 1.91 0.00	117.32 2.19 0.00	121.92 1.80 0.00	122.28 1.93 0.00	123.59 2.07 0.00	126.48 3.08 0.00	127.97 3.36 0.00	134.51 3.79 0.00	137.38 4.52 0.00	137.64 4.40 0.00	141.08 4.37 0.00	161.03 5.14 0.00	182.99 6.36 0.00	170.95 6.10 0.00	154.41 5.80 0.00	142.73 4.83 0.00	131.30 4.68 0.00	129.66 3.90 0.00	123.98 3.26 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	125.19 3.05 0.00	117.95 2.65 0.00	113.00 2.43 0.00	111.54 2.29 0.00	117.07 2.18 0.00	114.43 1.91 0.00	117.32 2.19 0.00	121.92 1.80 0.00	122.28 1.93 0.00	123.59 2.07 0.00	126.48 3.08 0.00	127.97 3.36 0.00	134.51 3.79 0.00	137.38 4.52 0.00	137.64 4.40 0.00	141.08 4.37 0.00	161.03 5.14 0.00	182.99 6.36 0.00	170.95 6.10 0.00	154.41 5.80 0.00	142.73 4.83 0.00	131.30 4.68 0.00	129.66 3.90 0.00	123.98 3.26 0.00
WHITEHAL_115KV_TB1 80871	133.62 11.48 0.00	126.02 10.72 0.00	120.52 9.95 0.00	118.65 9.40 0.00	125.35 10.45 0.00	122.98 10.46 0.00	125.26 10.13 0.00	130.69 10.57 0.00	130.58 10.23 0.00	131.98 10.45 0.00	134.26 10.86 0.00	135.45 10.84 0.00	142.88 12.16 0.00	144.83 11.96 0.00	144.84 11.59 0.00	149.69 12.99 0.00	171.01 15.12 0.00	194.11 17.49 0.00	181.17 16.32 0.00	163.48 14.86 0.00	151.97 14.07 0.00	138.90 12.28 0.00	137.59 11.82 0.00	131.71 10.99 0.00
WHITEPLN_13_KV_LOAD 356215	127.51 5.37 0.00	120.02 4.73 0.00	114.77 4.20 0.00	113.40 4.15 0.00	119.03 4.14 0.00	116.35 3.83 0.00	119.39 4.26 0.00	123.96 3.84 0.00	124.33 3.97 0.00	125.78 4.25 0.00	128.95 5.55 0.00	130.34 5.73 0.00	137.13 6.41 0.00	140.04 7.17 0.00	140.31 7.06 0.00	143.95 7.25 0.00	164.30 8.42 0.00	186.87 10.24 0.00	174.41 9.56 0.00	157.53 8.92 0.00	145.49 7.58 0.00	133.71 7.09 0.00	131.93 6.16 0.00	126.16 5.43 0.00
WM_FLOYD_69_KV_BK2 356380	128.61 6.47 0.00	123.13 7.84 0.00	117.53 6.97 0.00	116.35 7.10 0.00	121.55 6.66 0.00	118.71 6.19 0.00	121.70 6.56 0.00	125.64 5.53 0.00	125.89 5.54 0.00	126.75 5.23 0.00	130.31 6.91 0.00	132.33 7.73 0.00	138.87 8.10 -0.04	142.47 9.57 -0.04	142.48 9.19 -0.04	211.14 9.84 -64.60	199.87 11.85 -32.14	199.89 14.66 -8.60	199.72 14.01 -20.86	198.88 12.48 -37.78	148.70 10.76 -0.04	136.92 10.26 -0.04	133.18 7.42 0.00	128.33 7.61 0.00
WOODARD__115KV_TB2 355635	119.21 -2.93 0.00	112.53 -2.77 0.00	108.03 -2.54 0.00	106.63 -2.62 0.00	112.02 -2.87 0.00	109.71 -2.81 0.00	112.14 -2.99 0.00	117.35 -2.76 0.00	117.71 -2.65 0.00	118.98 -2.55 0.00	120.93 -2.47 0.00	122.11 -2.49 0.00	127.98 -2.75 0.00	129.81 -3.06 0.00	129.91 -3.33 0.00	133.15 -3.55 0.00	151.99 -3.90 0.00	172.21 -4.42 0.00	160.56 -4.29 0.00	144.60 -4.01 0.00	134.32 -3.59 0.00	123.20 -3.42 0.00	122.49 -3.27 0.00	117.71 -3.02 0.00
WOODMERE_69_KV_BK1 55827	128.74 6.60 0.00	122.67 7.38 0.00	117.20 6.63 0.00	115.91 6.66 0.00	121.21 6.32 0.00	118.37 5.85 0.00	121.35 6.22 0.00	125.52 5.41 0.00	125.89 5.54 0.00	127.00 5.47 0.00	130.68 7.28 0.00	132.58 7.97 0.00	139.09 8.37 0.00	142.43 9.57 0.00	142.44 9.19 0.00	146.27 9.57 0.00	167.27 11.38 0.00	190.93 14.31 0.00	178.53 13.68 0.00	161.10 12.48 0.00	148.52 10.62 0.00	136.75 10.13 0.00	133.44 7.67 0.00	128.33 7.61 0.00
YORK___WARBASSE 23770	126.90 4.76 0.00	119.21 3.92 0.00	114.00 3.43 0.00	112.42 3.17 0.00	117.99 3.10 0.00	114.55 2.03 0.00	117.32 2.19 0.00	121.44 1.32 0.00	122.04 1.68 0.00	123.72 2.19 0.00	126.73 3.33 0.00	128.35 3.74 0.00	134.91 4.18 0.00	138.05 5.18 0.00	138.44 5.20 0.00	141.62 4.92 0.00	161.50 5.61 0.00	183.87 7.24 0.00	171.77 6.92 0.00	155.30 6.69 0.00	143.14 5.24 0.00	132.06 5.44 0.00	130.54 4.78 0.00	125.80 5.07 0.00