

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/17/2025

[illegible]

ALBANY___2 23572	96.37 2.98 -22.76	57.96 2.14 -3.68	49.46 1.88 0.00	49.18 1.85 0.00	68.00 2.55 0.00	83.23 1.94 -31.26	139.55 2.65 -62.40	100.93 2.02 -36.77	55.73 1.66 0.00	64.78 2.00 0.00	133.58 4.22 0.00	143.98 4.56 0.00	138.93 4.49 0.00	138.60 4.42 0.00	130.43 4.17 0.00	125.77 3.31 0.00	131.83 2.85 0.00	147.98 3.49 0.00	259.47 5.79 0.00	146.40 3.35 0.00	139.98 3.27 0.00	150.86 3.52 0.00	148.79 3.75 0.00	165.33 5.37 0.00
ALBANY___3 23573	96.37 2.98 -22.76	57.96 2.14 -3.68	49.46 1.88 0.00	49.18 1.85 0.00	68.00 2.55 0.00	83.23 1.94 -31.26	139.55 2.65 -62.40	100.93 2.02 -36.77	55.73 1.66 0.00	64.78 2.00 0.00	133.58 4.22 0.00	143.98 4.56 0.00	138.93 4.49 0.00	138.60 4.42 0.00	130.43 4.17 0.00	125.77 3.31 0.00	131.83 2.85 0.00	147.98 3.49 0.00	259.47 5.79 0.00	146.40 3.35 0.00	139.98 3.27 0.00	150.86 3.52 0.00	148.79 3.75 0.00	165.33 5.37 0.00
ALBANY___4 23574	96.37 2.98 -22.76	57.96 2.14 -3.68	49.46 1.88 0.00	49.18 1.85 0.00	68.00 2.55 0.00	83.23 1.94 -31.26	139.55 2.65 -62.40	100.93 2.02 -36.77	55.73 1.66 0.00	64.78 2.00 0.00	133.58 4.22 0.00	143.98 4.56 0.00	138.93 4.49 0.00	138.60 4.42 0.00	130.43 4.17 0.00	125.77 3.31 0.00	131.83 2.85 0.00	147.98 3.49 0.00	259.47 5.79 0.00	146.40 3.35 0.00	139.98 3.27 0.00	150.86 3.52 0.00	148.79 3.75 0.00	165.33 5.37 0.00
ALBANY___LFGE 323615	101.90 3.55 -27.72	59.46 2.55 -4.76	49.81 2.24 0.00	49.56 2.23 0.00	68.51 3.06 0.00	92.86 2.34 -40.48	158.63 3.32 -80.81	112.35 2.60 -47.62	56.29 2.22 0.00	65.45 2.67 0.00	134.96 5.60 0.00	145.48 6.06 0.00	140.38 5.94 0.00	140.06 5.88 0.00	131.83 5.57 0.00	127.33 4.87 0.00	133.51 4.53 0.00	149.90 5.42 0.00	262.97 9.29 0.00	148.32 5.27 0.00	141.77 5.06 0.00	152.67 5.32 0.00	150.47 5.43 0.00	166.91 6.94 0.00
ALCOA_PA_115KV_PL-6C 55860	70.04 -0.58 0.00	51.73 -0.42 0.00	47.13 -0.44 0.00	46.88 -0.46 0.00	64.98 -0.46 0.00	49.65 -0.38 0.00	74.04 -0.45 0.00	61.84 -0.29 0.00	51.68 -0.43 1.95	62.23 -0.55 0.00	95.55 -1.24 32.58	108.40 -1.42 29.61	74.67 -1.50 58.26	101.20 -1.72 31.26	94.48 -1.87 29.91	73.33 -1.69 47.43	127.24 -1.74 0.00	127.98 -2.22 14.28	239.12 -4.74 9.82	120.06 -2.49 20.51	134.53 -2.17 0.01	139.79 -1.41 6.15	143.84 -1.21 0.00	158.92 -1.05 0.00
ALCOA_RYNLDS___DRP 24188	70.04 -0.58 0.00	51.73 -0.42 0.00	47.13 -0.44 0.00	46.88 -0.46 0.00	64.98 -0.46 0.00	49.65 -0.38 0.00	74.04 -0.45 0.00	61.84 -0.29 0.00	51.68 -0.43 1.95	62.23 -0.55 0.00	95.55 -1.24 32.58	108.40 -1.42 29.61	74.67 -1.50 58.26	101.20 -1.72 31.26	94.48 -1.87 29.91	73.33 -1.69 47.43	127.24 -1.74 0.00	127.98 -2.22 14.28	239.12 -4.74 9.82	120.06 -2.49 20.51	134.53 -2.17 0.01	139.79 -1.41 6.15	143.84 -1.21 0.00	158.92 -1.05 0.00
ALCOA___DSASP 323711	70.03 -0.59 0.00	51.73 -0.42 0.00	47.13 -0.44 0.00	46.88 -0.46 0.00	64.99 -0.46 0.00	49.65 -0.38 0.00	74.05 -0.45 0.00	61.85 -0.29 0.00	51.68 -0.44 1.95	62.23 -0.55 0.00	95.54 -1.24 32.58	108.41 -1.41 29.61	74.66 -1.51 58.26	101.20 -1.72 31.26	94.48 -1.87 29.91	73.34 -1.68 47.43	127.24 -1.74 0.00	127.98 -2.22 14.28	239.12 -4.74 9.82	120.06 -2.48 20.51	134.53 -2.17 0.01	139.78 -1.41 6.15	143.84 -1.21 0.00	158.92 -1.04 0.00
ALLEGHENY___COGEN 23514	71.00 -1.18 -1.55	50.97 -1.17 0.00	46.27 -1.30 0.00	46.15 -1.18 0.00	64.10 -1.35 0.00	49.13 -0.90 0.00	73.38 -1.12 0.00	61.40 -0.73 0.00	53.64 -0.43 0.00	62.28 -0.50 0.00	118.40 -5.17 5.79	134.48 -4.95 0.00	128.74 -5.70 0.00	128.80 -5.38 0.00	121.03 -5.23 0.00	118.82 -3.64 0.00	127.05 -1.93 0.00	144.46 -0.02 0.00	258.73 5.06 0.00	144.78 1.73 0.00	137.25 0.55 0.00	145.68 -1.66 0.00	143.62 -1.42 0.00	158.72 -1.24 0.00
ALTAMONT_115KV_TB 2 55880	92.55 2.92 -18.99	57.09 2.10 -2.85	49.43 1.85 0.00	49.17 1.84 0.00	67.96 2.52 0.00	76.13 1.91 -24.19	125.52 2.74 -48.28	92.81 2.22 -28.46	56.01 1.94 0.00	65.01 2.23 0.00	134.27 4.91 0.00	144.68 5.25 0.00	139.59 5.15 0.00	139.29 5.11 0.00	131.14 4.87 0.00	127.02 4.56 0.00	133.45 4.47 0.00	149.80 5.32 0.00	262.75 9.07 0.00	148.30 5.25 0.00	141.71 5.00 0.00	152.67 5.33 0.00	150.27 5.22 0.00	166.08 6.12 0.00
ALTONA_WT_PWR 323606	69.23 -1.40 0.00	50.61 -1.54 0.00	45.96 -1.61 0.00	45.79 -1.54 0.00	63.29 -2.16 0.00	1.36 -1.76 46.90	-23.33 -2.47 95.35	-23.38 -1.99 83.53	-13.17 -1.88 65.36	-23.26 -2.18 83.86	7.43 -4.34 117.59	-16.99 -4.86 151.55	-22.90 -4.89 152.44	-23.25 -5.11 152.32	-23.29 -4.95 144.61	-18.78 -4.55 136.68	-23.78 -4.73 148.03	-23.72 -5.55 162.65	-24.29 -9.75 268.22	-23.66 -5.79 160.92	-23.78 -5.28 155.21	30.49 -4.82 112.03	140.54 -4.50 0.00	155.97 -3.99 0.00
AMERICAN_REF_FUEL 24010	63.79 -8.24 -1.40	46.14 -6.01 0.00	41.88 -5.69 0.00	41.72 -5.61 0.00	57.93 -7.51 0.00	44.36 -5.66 0.00	65.77 -8.73 0.00	54.43 -7.70 0.00	47.50 -6.57 0.00	55.40 -7.38 0.00	105.36 -18.35 5.65	118.70 -20.72 0.00	114.42 -20.02 0.00	115.12 -19.06 0.00	108.25 -18.01 0.00	104.89 -17.57 0.00	111.25 -17.73 0.00	124.23 -20.24 0.00	222.95 -30.73 0.00	124.34 -18.71 0.00	118.89 -17.82 0.00	125.24 -22.11 0.00	124.43 -20.62 0.00	139.12 -20.85 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	65.61 -6.58 -1.57	47.03 -5.12 0.00	42.71 -4.86 0.00	42.59 -4.74 0.00	59.16 -6.28 0.00	45.59 -4.44 0.00	67.63 -6.87 0.00	56.46 -5.68 0.00	49.50 -4.57 0.00	57.69 -5.08 0.00	108.39 -13.90 7.07	125.04 -14.38 0.00	120.26 -14.18 0.00	120.95 -13.23 0.00	113.69 -12.57 0.00	109.80 -12.65 0.00	116.85 -12.12 0.00	131.04 -13.44 0.00	233.40 -20.28 0.00	131.03 -12.02 0.00	125.11 -11.60 0.00	131.85 -15.50 0.00	130.54 -14.51 0.00	145.22 -14.75 0.00
ARTHUR KILL_GT_1 23520	99.11 5.05 -23.43	99.10 3.68 -43.27	100.02 3.25 -49.20	100.64 3.23 -50.09	99.61 4.32 -29.84	99.39 3.44 -45.92	101.36 4.86 -22.01	102.38 4.15 -36.09	100.97 3.83 -43.07	101.57 4.07 -34.72	204.44 9.30 -65.77	198.38 10.08 -48.87	144.50 10.15 0.09	143.89 9.72 0.01	143.30 9.45 -7.59	129.31 9.02 2.17	337.20 9.52 -198.70	863.82 10.72 -708.63	621.58 19.01 -348.88	731.81 11.64 -577.12	1375.79 11.02 -1228.06	953.72 12.17 -794.21	389.50 12.00 -232.45	225.15 12.00 -53.18
ARTHUR_KILL_2 23512	98.91 4.85 -23.43	98.95 3.53 -43.27	99.90 3.12 -49.20	100.50 3.08 -50.09	99.41 4.13 -29.84	99.23 3.29 -45.92	101.12 4.62 -22.01	102.19 3.96 -36.09	100.81 3.67 -43.07	101.39 3.88 -34.72	204.16 9.03 -65.77	198.10 9.80 -48.87	144.20 9.85 0.09	143.61 9.43 0.01	143.02 9.17 -7.59	128.99 8.71 2.17	336.83 9.15 -198.70	863.34 10.24 -708.63	620.67 18.11 -348.88	731.33 11.16 -577.12	1375.35 10.58 -1228.06	953.21 11.65 -794.21	389.04 11.54 -232.45	224.64 11.50 -53.18
ARTHUR_KILL_3 23513	99.02 4.17 -24.22	100.50 2.86 -45.49	100.11 2.51 -50.02	100.11 2.48 -50.30	100.16 3.32 -31.39	100.51 2.64 -47.84	100.55 3.79 -22.26	101.87 3.18 -36.55	102.16 3.01 -45.08	102.22 3.37 -36.07	204.02 8.44 -66.22	201.66 9.33 -52.91	144.63 9.52 -0.68	143.34 9.15 0.00	143.20 8.95 -7.99	131.11 8.65 0.00	348.43 8.77 -210.69	890.00 10.00 -735.52	627.94 16.58 -357.68	747.90 9.92 -594.93	1437.53 9.58 -1291.24	992.70 10.28 -835.07	398.64 10.09 -243.51	225.17 10.42 -54.79

ARTHUR_KILL_COGEN 323718	99.11 5.05 -23.43	99.10 3.68 -43.27	100.02 3.25 -49.20	100.64 3.23 -50.09	99.61 4.32 -29.84	99.39 3.44 -45.92	101.36 4.86 -22.01	102.38 4.15 -36.09	100.97 3.83 -43.07	101.57 4.07 -34.72	204.44 9.30 -65.77	198.38 10.08 -48.87	144.50 10.15 0.09	143.89 9.72 0.01	143.30 9.45 -7.59	129.31 9.02 2.17	337.20 9.52 -198.70	863.82 10.72 -708.63	621.58 19.01 -348.88	731.81 11.64 -577.12	1375.79 11.02 -1228.06	953.72 12.17 -794.21	389.50 12.00 -232.45	225.15 12.00 -53.18
ASHOKAN____ 23654	91.42 5.79 -15.00	58.45 4.23 -2.07	51.49 3.92 0.00	51.22 3.88 0.00	70.87 5.42 0.00	71.73 4.08 -17.62	115.54 5.88 -35.16	87.87 5.02 -20.72	59.09 5.02 0.00	68.79 6.01 0.00	141.65 12.29 0.00	152.47 13.05 0.00	146.77 12.33 0.00	146.27 12.09 0.00	137.63 11.37 0.00	133.81 11.35 0.00	141.03 12.05 0.00	159.26 14.78 0.00	280.09 26.41 0.00	158.21 15.16 0.00	150.93 14.22 0.00	162.25 14.91 0.00	159.27 14.23 0.00	175.20 15.23 0.00
ASTORIA_EAST_ENERGY_CC1 323581	83.34 4.62 -8.09	55.98 3.16 -0.67	50.27 2.70 0.00	49.98 2.65 0.00	69.10 3.66 0.00	58.62 2.87 -5.72	90.03 4.11 -11.42	72.38 3.52 -6.73	57.44 3.37 0.00	66.52 3.75 0.00	138.86 9.50 0.00	149.51 10.09 0.00	144.93 10.50 0.00	144.10 9.92 0.00	136.04 9.77 0.00	131.90 9.44 0.00	138.60 9.62 0.00	155.22 10.74 0.00	271.82 18.14 0.00	154.05 11.00 0.00	147.23 10.52 0.00	158.79 11.44 0.00	156.28 11.23 0.00	171.63 11.66 0.00
ASTORIA_EAST_ENERGY_CC2 323582	83.28 4.56 -8.09	55.98 3.16 -0.67	50.26 2.69 0.00	49.96 2.63 0.00	69.09 3.64 0.00	58.62 2.87 -5.72	90.03 4.11 -11.42	72.38 3.51 -6.73	57.44 3.37 0.00	66.52 3.75 0.00	138.87 9.51 0.00	149.51 10.09 0.00	144.93 10.50 0.00	144.11 9.93 0.00	136.04 9.77 0.00	131.89 9.43 0.00	138.61 9.63 0.00	155.22 10.74 0.00	271.84 18.16 0.00	154.06 11.01 0.00	147.23 10.52 0.00	158.79 11.44 0.00	156.37 11.32 0.00	171.78 11.82 0.00
ASTORIA_GT2_1 24094	83.38 4.65 -8.10	55.99 3.17 -0.67	50.29 2.72 0.00	50.00 2.67 0.00	69.13 3.68 0.00	58.65 2.90 -5.72	90.07 4.15 -11.42	72.42 3.55 -6.73	57.46 3.39 0.00	66.56 3.79 0.00	138.90 9.54 0.00	149.55 10.13 0.00	144.94 10.51 0.00	144.17 9.99 0.00	136.08 9.81 0.00	131.92 9.46 0.00	138.71 9.73 0.00	155.28 10.80 0.00	271.89 18.21 0.00	154.05 11.00 0.00	147.24 10.53 0.00	158.86 11.52 0.00	156.37 11.32 0.00	171.76 11.79 0.00
ASTORIA_GT2_2 24095	83.38 4.65 -8.10	55.99 3.17 -0.67	50.29 2.72 0.00	50.00 2.67 0.00	69.13 3.68 0.00	58.65 2.90 -5.72	90.07 4.15 -11.42	72.42 3.55 -6.73	57.46 3.39 0.00	66.56 3.79 0.00	138.90 9.54 0.00	149.55 10.13 0.00	144.94 10.51 0.00	144.17 9.99 0.00	136.08 9.81 0.00	131.92 9.46 0.00	138.71 9.73 0.00	155.28 10.80 0.00	271.89 18.21 0.00	154.05 11.00 0.00	147.24 10.53 0.00	158.86 11.52 0.00	156.37 11.32 0.00	171.76 11.79 0.00
ASTORIA_GT2_3 24096	83.38 4.65 -8.10	55.99 3.17 -0.67	50.29 2.72 0.00	50.00 2.67 0.00	69.13 3.68 0.00	58.65 2.90 -5.72	90.07 4.15 -11.42	72.42 3.55 -6.73	57.46 3.39 0.00	66.56 3.79 0.00	138.90 9.54 0.00	149.55 10.13 0.00	144.94 10.51 0.00	144.17 9.99 0.00	136.08 9.81 0.00	131.92 9.46 0.00	138.71 9.73 0.00	155.28 10.80 0.00	271.89 18.21 0.00	154.05 11.00 0.00	147.24 10.53 0.00	158.86 11.52 0.00	156.37 11.32 0.00	171.76 11.79 0.00
ASTORIA_GT2_4 24097	83.38 4.65 -8.10	55.99 3.17 -0.67	50.29 2.72 0.00	50.00 2.67 0.00	69.13 3.68 0.00	58.65 2.90 -5.72	90.07 4.15 -11.42	72.42 3.55 -6.73	57.46 3.39 0.00	66.56 3.79 0.00	138.90 9.54 0.00	149.55 10.13 0.00	144.94 10.51 0.00	144.17 9.99 0.00	136.08 9.81 0.00	131.92 9.46 0.00	138.71 9.73 0.00	155.28 10.80 0.00	271.89 18.21 0.00	154.05 11.00 0.00	147.24 10.53 0.00	158.86 11.52 0.00	156.37 11.32 0.00	171.76 11.79 0.00
ASTORIA_GT3_1 24098	83.32 4.59 -8.10	55.99 3.17 -0.67	50.29 2.72 0.00	50.00 2.67 0.00	69.13 3.68 0.00	58.65 2.90 -5.72	90.07 4.15 -11.42	72.42 3.55 -6.73	57.46 3.39 0.00	66.56 3.79 0.00	138.90 9.54 0.00	149.55 10.13 0.00	144.94 10.51 0.00	144.17 9.99 0.00	136.08 9.81 0.00	131.92 9.46 0.00	138.71 9.73 0.00	155.28 10.80 0.00	271.89 18.21 0.00	154.05 11.00 0.00	147.24 10.53 0.00	158.86 11.52 0.00	156.37 11.32 0.00	171.79 11.82 0.00
ASTORIA_GT3_2 24099	83.32 4.59 -8.10	55.99 3.17 -0.67	50.29 2.72 0.00	50.00 2.67 0.00	69.13 3.68 0.00	58.65 2.90 -5.72	90.07 4.15 -11.42	72.42 3.55 -6.73	57.46 3.39 0.00	66.56 3.79 0.00	138.90 9.54 0.00	149.55 10.13 0.00	144.94 10.51 0.00	144.17 9.99 0.00	136.08 9.81 0.00	131.92 9.46 0.00	138.71 9.73 0.00	155.28 10.80 0.00	271.89 18.21 0.00	154.05 11.00 0.00	147.24 10.53 0.00	158.86 11.52 0.00	156.37 11.32 0.00	171.79 11.82 0.00
ASTORIA_GT3_3 24100	83.32 4.59 -8.10	55.99 3.17 -0.67	50.29 2.72 0.00	50.00 2.67 0.00	69.13 3.68 0.00	58.65 2.90 -5.72	90.07 4.15 -11.42	72.42 3.55 -6.73	57.46 3.39 0.00	66.56 3.79 0.00	138.90 9.54 0.00	149.55 10.13 0.00	144.94 10.51 0.00	144.17 9.99 0.00	136.08 9.81 0.00	131.92 9.46 0.00	138.71 9.73 0.00	155.28 10.80 0.00	271.89 18.21 0.00	154.05 11.00 0.00	147.24 10.53 0.00	158.86 11.52 0.00	156.37 11.32 0.00	171.79 11.82 0.00
ASTORIA_GT3_4 24101	83.32 4.59 -8.10	55.99 3.17 -0.67	50.29 2.72 0.00	50.00 2.67 0.00	69.13 3.68 0.00	58.65 2.90 -5.72	90.07 4.15 -11.42	72.42 3.55 -6.73	57.46 3.39 0.00	66.56 3.79 0.00	138.90 9.54 0.00	149.55 10.13 0.00	144.94 10.51 0.00	144.17 9.99 0.00	136.08 9.81 0.00	131.92 9.46 0.00	138.71 9.73 0.00	155.28 10.80 0.00	271.89 18.21 0.00	154.05 11.00 0.00	147.24 10.53 0.00	158.86 11.52 0.00	156.37 11.32 0.00	171.79 11.82 0.00
ASTORIA_GT4_1 24102	83.32 4.59 -8.10	55.99 3.17 -0.67	50.29 2.72 0.00	50.00 2.67 0.00	69.13 3.68 0.00	58.65 2.90 -5.72	90.07 4.15 -11.42	72.42 3.55 -6.73	57.46 3.39 0.00	66.56 3.79 0.00	138.90 9.54 0.00	149.55 10.13 0.00	144.94 10.51 0.00	144.17 9.99 0.00	136.08 9.81 0.00	131.92 9.46 0.00	138.71 9.73 0.00	155.28 10.80 0.00	271.89 18.21 0.00	154.05 11.00 0.00	147.24 10.53 0.00	158.86 11.52 0.00	156.37 11.32 0.00	171.79 11.82 0.00
ASTORIA_GT4_2 24103	83.32 4.59 -8.10	55.99 3.17 -0.67	50.29 2.72 0.00	50.00 2.67 0.00	69.13 3.68 0.00	58.65 2.90 -5.72	90.07 4.15 -11.42	72.42 3.55 -6.73	57.46 3.39 0.00	66.56 3.79 0.00	138.90 9.54 0.00	149.55 10.13 0.00	144.94 10.51 0.00	144.17 9.99 0.00	136.08 9.81 0.00	131.92 9.46 0.00	138.71 9.73 0.00	155.28 10.80 0.00	271.89 18.21 0.00	154.05 11.00 0.00	147.24 10.53 0.00	158.86 11.52 0.00	156.37 11.32 0.00	171.79 11.82 0.00
ASTORIA_GT4_3 24104	83.32 4.59 -8.10	55.99 3.17 -0.67	50.29 2.72 0.00	50.00 2.67 0.00	69.13 3.68 0.00	58.65 2.90 -5.72	90.07 4.15 -11.42	72.42 3.55 -6.73	57.46 3.39 0.00	66.56 3.79 0.00	138.90 9.54 0.00	149.55 10.13 0.00	144.94 10.51 0.00	144.17 9.99 0.00	136.08 9.81 0.00	131.92 9.46 0.00	138.71 9.73 0.00	155.28 10.80 0.00	271.89 18.21 0.00	154.05 11.00 0.00	147.24 10.53 0.00	158.86 11.52 0.00	156.37 11.32 0.00	171.79 11.82 0.00

ASTORIA_GT4_4 24105	83.32 4.59 -8.10	55.99 3.17 -0.67	50.29 2.72 0.00	50.00 2.67 0.00	69.13 3.68 0.00	58.65 2.90 -5.72	90.07 4.15 -11.42	72.42 3.55 -6.73	57.46 3.39 0.00	66.56 3.79 0.00	138.90 9.54 0.00	149.55 10.13 0.00	144.94 10.51 0.00	144.17 9.99 0.00	136.08 9.81 0.00	131.92 9.46 0.00	138.71 9.73 0.00	155.28 10.80 0.00	271.89 18.21 0.00	154.05 11.00 0.00	147.24 10.53 0.00	158.86 11.52 0.00	156.37 11.32 0.00	171.79 11.82 0.00
ASTORIA_GT_1 23523	83.48 4.76 -8.09	56.09 3.27 -0.67	50.37 2.80 0.00	50.07 2.74 0.00	69.23 3.79 0.00	58.73 2.97 -5.72	90.20 4.28 -11.42	72.54 3.67 -6.73	57.57 3.50 0.00	66.70 3.92 0.00	139.21 9.84 0.00	149.86 10.44 0.00	145.27 10.83 0.00	144.47 10.29 0.00	136.35 10.09 0.00	132.17 9.71 0.00	138.92 9.94 0.00	155.61 11.13 0.00	272.50 18.82 0.00	154.39 11.33 0.00	147.56 10.85 0.00	159.17 11.82 0.00	156.65 11.61 0.00	172.09 12.13 0.00
ASTORIA_GT_10 24110	83.50 4.78 -8.10	56.12 3.30 -0.67	50.44 2.87 0.00	50.16 2.82 0.00	69.33 3.89 0.00	58.79 3.04 -5.72	90.31 4.39 -11.42	72.60 3.73 -6.73	57.60 3.53 0.00	66.75 3.97 0.00	139.30 9.93 0.00	150.24 10.81 0.00	145.39 10.95 0.00	144.69 10.51 0.00	136.45 10.18 0.00	132.11 9.64 0.00	138.95 9.97 0.00	155.61 11.13 0.00	272.03 18.35 0.00	154.25 11.20 0.00	147.66 10.95 0.00	159.25 11.90 0.00	156.63 11.59 0.00	171.94 11.98 0.00
ASTORIA_GT_11 24225	83.50 4.78 -8.10	56.12 3.30 -0.67	50.44 2.87 0.00	50.16 2.82 0.00	69.33 3.89 0.00	58.79 3.04 -5.72	90.31 4.39 -11.42	72.60 3.73 -6.73	57.60 3.53 0.00	66.75 3.97 0.00	139.30 9.93 0.00	150.24 10.81 0.00	145.39 10.95 0.00	144.69 10.51 0.00	136.45 10.18 0.00	132.11 9.64 0.00	138.95 9.97 0.00	155.61 11.13 0.00	272.03 18.35 0.00	154.25 11.20 0.00	147.66 10.95 0.00	159.25 11.90 0.00	156.63 11.59 0.00	171.94 11.98 0.00
ASTORIA_GT_12 24226	83.50 4.78 -8.10	56.12 3.30 -0.67	50.44 2.87 0.00	50.16 2.82 0.00	69.33 3.89 0.00	58.79 3.04 -5.72	90.31 4.39 -11.42	72.60 3.73 -6.73	57.60 3.53 0.00	66.75 3.97 0.00	139.30 9.93 0.00	150.24 10.81 0.00	145.39 10.95 0.00	144.69 10.51 0.00	136.45 10.18 0.00	132.11 9.64 0.00	138.95 9.97 0.00	155.61 11.13 0.00	272.03 18.35 0.00	154.25 11.20 0.00	147.66 10.95 0.00	159.25 11.90 0.00	156.63 11.59 0.00	171.94 11.98 0.00
ASTORIA_GT_13 24227	83.50 4.78 -8.10	56.12 3.30 -0.67	50.44 2.87 0.00	50.16 2.82 0.00	69.33 3.89 0.00	58.79 3.04 -5.72	90.31 4.39 -11.42	72.60 3.73 -6.73	57.60 3.53 0.00	66.75 3.97 0.00	139.30 9.93 0.00	150.24 10.81 0.00	145.39 10.95 0.00	144.69 10.51 0.00	136.45 10.18 0.00	132.11 9.64 0.00	138.95 9.97 0.00	155.61 11.13 0.00	272.03 18.35 0.00	154.25 11.20 0.00	147.66 10.95 0.00	159.25 11.90 0.00	156.63 11.59 0.00	171.94 11.98 0.00
ASTORIA_GT_5 24106	83.48 4.75 -8.10	56.09 3.26 -0.67	50.38 2.81 0.00	50.07 2.75 0.00	69.24 3.79 0.00	58.73 2.97 -5.72	90.21 4.29 -11.42	72.54 3.67 -6.73	57.57 3.50 0.00	66.69 3.92 0.00	139.18 9.82 0.00	149.84 10.42 0.00	145.26 10.82 0.00	144.47 10.29 0.00	136.34 10.08 0.00	132.16 9.70 0.00	138.97 9.99 0.00	155.59 11.11 0.00	272.43 18.75 0.00	154.39 11.33 0.00	147.56 10.85 0.00	159.17 11.83 0.00	156.66 11.61 0.00	172.09 12.13 0.00
ASTORIA_GT_7 24107	83.48 4.75 -8.10	56.09 3.26 -0.67	50.38 2.81 0.00	50.07 2.75 0.00	69.24 3.79 0.00	58.73 2.97 -5.72	90.21 4.29 -11.42	72.54 3.67 -6.73	57.57 3.50 0.00	66.69 3.92 0.00	139.18 9.82 0.00	149.84 10.42 0.00	145.26 10.82 0.00	144.47 10.29 0.00	136.34 10.08 0.00	132.16 9.70 0.00	138.97 9.99 0.00	155.59 11.11 0.00	272.43 18.75 0.00	154.39 11.33 0.00	147.56 10.85 0.00	159.17 11.83 0.00	156.66 11.61 0.00	172.09 12.13 0.00
ASTORIA_GT_8 24108	83.48 4.75 -8.10	56.09 3.26 -0.67	50.38 2.81 0.00	50.07 2.75 0.00	69.24 3.79 0.00	58.73 2.97 -5.72	90.21 4.29 -11.42	72.54 3.67 -6.73	57.57 3.50 0.00	66.69 3.92 0.00	139.18 9.82 0.00	149.84 10.42 0.00	145.26 10.82 0.00	144.47 10.29 0.00	136.34 10.08 0.00	132.16 9.70 0.00	138.97 9.99 0.00	155.59 11.11 0.00	272.43 18.75 0.00	154.39 11.33 0.00	147.56 10.85 0.00	159.17 11.83 0.00	156.66 11.61 0.00	172.09 12.13 0.00
ASTORIA___2 24149	83.31 4.59 -8.09	55.99 3.17 -0.67	50.28 2.71 0.00	50.00 2.67 0.00	69.13 3.69 0.00	58.65 2.90 -5.72	90.06 4.14 -11.42	72.42 3.55 -6.73	57.47 3.40 0.00	66.56 3.79 0.00	138.93 9.57 0.00	149.57 10.15 0.00	144.98 10.54 0.00	144.16 9.98 0.00	136.08 9.81 0.00	131.92 9.46 0.00	138.64 9.67 0.00	155.28 10.80 0.00	271.89 18.21 0.00	154.09 11.03 0.00	147.24 10.53 0.00	158.86 11.51 0.00	156.37 11.32 0.00	171.78 11.82 0.00
ASTORIA___3 23516	83.50 4.78 -8.10	56.12 3.30 -0.67	50.43 2.86 0.00	50.16 2.82 0.00	69.33 3.89 0.00	58.80 3.04 -5.72	90.31 4.39 -11.42	72.60 3.73 -6.73	57.60 3.53 0.00	66.75 3.97 0.00	139.30 9.93 0.00	150.25 10.83 0.00	145.38 10.94 0.00	144.69 10.51 0.00	136.45 10.19 0.00	132.13 9.67 0.00	138.93 9.95 0.00	155.62 11.15 0.00	272.02 18.34 0.00	154.25 11.20 0.00	147.65 10.94 0.00	159.23 11.88 0.00	156.63 11.58 0.00	171.94 11.98 0.00
ASTORIA___4 23517	83.50 4.78 -8.10	56.12 3.30 -0.67	50.44 2.87 0.00	50.15 2.82 0.00	69.33 3.89 0.00	58.79 3.04 -5.72	90.31 4.39 -11.42	72.60 3.73 -6.73	57.60 3.53 0.00	66.75 3.97 0.00	139.30 9.93 0.00	150.24 10.81 0.00	145.39 10.95 0.00	144.69 10.51 0.00	136.45 10.18 0.00	132.11 9.64 0.00	138.95 9.97 0.00	155.61 11.13 0.00	272.03 18.35 0.00	154.25 11.20 0.00	147.65 10.94 0.00	159.25 11.90 0.00	156.63 11.59 0.00	171.94 11.98 0.00
ASTORIA___5 23518	83.50 4.78 -8.10	56.12 3.30 -0.67	50.43 2.86 0.00	50.16 2.82 0.00	69.33 3.89 0.00	58.80 3.04 -5.72	90.31 4.39 -11.42	72.60 3.73 -6.73	57.60 3.53 0.00	66.75 3.97 0.00	139.30 9.93 0.00	150.25 10.83 0.00	145.39 10.95 0.00	144.69 10.51 0.00	136.45 10.19 0.00	132.13 9.67 0.00	138.93 9.95 0.00	155.62 11.15 0.00	272.02 18.34 0.00	154.27 11.22 0.00	147.65 10.94 0.00	159.23 11.88 0.00	156.63 11.58 0.00	171.94 11.98 0.00
AST_ENERGY_2_CC3 323677	83.16 4.44 -8.10	55.89 3.06 -0.67	50.21 2.64 0.00	49.93 2.60 0.00	68.98 3.54 0.00	58.53 2.78 -5.72	89.91 3.99 -11.42	72.17 3.30 -6.73	57.22 3.14 0.00	66.28 3.50 0.00	138.40 9.04 0.00	149.42 10.00 0.00	144.81 10.37 0.00	144.10 9.92 0.00	135.94 9.67 0.00	131.76 9.30 0.00	138.48 9.50 0.00	155.21 10.72 0.00	271.45 17.78 0.00	153.77 10.72 0.00	147.06 10.35 0.00	158.46 11.11 0.00	156.03 10.98 0.00	171.34 11.37 0.00
AST_ENERGY_2_CC4 323678	83.16 4.44 -8.10	55.89 3.06 -0.67	50.21 2.64 0.00	49.93 2.60 0.00	68.98 3.54 0.00	58.53 2.78 -5.72	89.91 3.99 -11.42	72.17 3.30 -6.73	57.22 3.14 0.00	66.28 3.50 0.00	138.40 9.04 0.00	149.42 10.00 0.00	144.81 10.37 0.00	144.10 9.92 0.00	135.94 9.67 0.00	131.76 9.30 0.00	138.48 9.50 0.00	155.21 10.72 0.00	271.45 17.78 0.00	153.77 10.72 0.00	147.06 10.35 0.00	158.46 11.11 0.00	156.03 10.98 0.00	171.34 11.37 0.00

ATHENS_STG_1 23668	81.74 3.24 -7.87	54.94 2.27 -0.52	49.56 2.00 0.00	49.30 1.97 0.00	68.14 2.69 0.00	56.50 2.07 -4.40	86.28 3.00 -8.78	69.79 2.48 -5.18	56.34 2.27 0.00	65.38 2.60 0.00	135.18 5.82 0.00	145.76 6.34 0.00	140.72 6.29 0.00	140.32 6.14 0.00	132.23 5.97 0.00	128.20 5.74 0.00	134.80 5.82 0.00	151.15 6.67 0.00	264.95 11.27 0.00	149.75 6.70 0.00	143.09 6.38 0.00	154.19 6.84 0.00	151.74 6.69 0.00	167.20 7.23 0.00
ATHENS_STG_2 23670	81.74 3.24 -7.87	54.94 2.27 -0.52	49.56 2.00 0.00	49.30 1.97 0.00	68.14 2.69 0.00	56.50 2.07 -4.40	86.28 3.00 -8.78	69.79 2.48 -5.18	56.34 2.27 0.00	65.38 2.60 0.00	135.18 5.82 0.00	145.76 6.34 0.00	140.72 6.29 0.00	140.32 6.14 0.00	132.23 5.97 0.00	128.20 5.74 0.00	134.80 5.82 0.00	151.15 6.67 0.00	264.95 11.27 0.00	149.75 6.70 0.00	143.09 6.38 0.00	154.19 6.84 0.00	151.74 6.69 0.00	167.20 7.23 0.00
ATHENS_STG_3 23677	81.74 3.24 -7.87	54.94 2.27 -0.52	49.56 2.00 0.00	49.30 1.97 0.00	68.14 2.69 0.00	56.50 2.07 -4.40	86.28 3.00 -8.78	69.79 2.48 -5.18	56.34 2.27 0.00	65.38 2.60 0.00	135.18 5.82 0.00	145.76 6.34 0.00	140.72 6.29 0.00	140.32 6.14 0.00	132.23 5.97 0.00	128.20 5.74 0.00	134.80 5.82 0.00	151.15 6.67 0.00	264.95 11.27 0.00	149.75 6.70 0.00	143.09 6.38 0.00	154.19 6.84 0.00	151.74 6.69 0.00	167.20 7.23 0.00
AUBURN___LFGE 323710	70.94 -0.87 -1.18	51.41 -0.74 0.00	46.98 -0.58 0.00	46.80 -0.52 0.00	64.54 -0.91 0.00	49.47 -0.56 0.00	73.46 -1.04 0.00	61.35 -0.79 0.00	53.54 -0.53 0.00	62.18 -0.60 0.00	128.93 -2.44 -2.02	136.48 -2.94 0.00	131.32 -3.11 0.00	131.18 -3.00 0.00	123.60 -2.66 0.00	119.95 -2.51 0.00	127.51 -1.47 0.00	143.04 -1.44 0.00	253.59 -0.09 0.00	142.82 -0.23 0.00	135.62 -1.09 0.00	145.05 -2.29 0.00	142.56 -2.48 0.00	157.17 -2.79 0.00
BABYLON_RES_REC 323704	84.72 5.99 -8.09	56.94 4.12 -0.67	51.18 3.61 0.00	50.89 3.56 0.00	70.40 4.95 0.00	59.64 3.89 -5.72	91.51 5.60 -11.42	73.58 4.71 -6.73	58.21 4.15 0.00	67.66 4.88 0.00	140.37 11.01 0.00	151.31 11.88 0.00	146.43 11.99 0.00	145.53 11.34 0.00	137.62 11.35 0.00	144.05 11.57 -10.02	150.64 12.33 -9.33	159.26 14.09 -0.69	276.36 22.13 -0.54	162.69 13.91 -5.73	171.49 13.71 -21.08	166.76 14.30 -5.12	162.25 13.89 -3.31	172.73 12.77 0.00
BABYLON__69_KV_BK2 356345	85.47 6.74 -8.09	57.49 4.67 -0.67	51.69 4.12 0.00	51.38 4.05 0.00	71.09 5.65 0.00	60.19 4.44 -5.72	92.32 6.41 -11.42	74.27 5.41 -6.73	58.81 4.74 0.00	68.24 5.46 0.00	141.39 12.03 0.00	152.45 13.02 0.00	147.56 13.12 0.00	146.57 12.38 0.00	138.61 12.35 0.00	145.15 12.68 -10.02	151.92 13.61 -9.33	162.12 15.59 -2.05	280.02 24.68 -1.66	173.25 15.36 -14.84	176.02 15.19 -24.12	177.34 15.67 -14.32	169.14 15.28 -8.81	174.14 14.18 0.00
BALL_HILL_WT_PWR 323825	66.13 -6.02 -1.52	47.49 -4.65 0.00	43.11 -4.47 0.00	42.99 -4.34 0.00	59.67 -5.78 0.00	45.83 -4.19 0.00	67.90 -6.59 0.00	56.59 -5.55 0.00	49.47 -4.59 0.00	57.67 -5.10 0.00	108.68 -13.82 6.86	125.02 -14.40 0.00	120.40 -14.03 0.00	121.07 -13.11 0.00	113.78 -12.49 0.00	110.00 -12.46 0.00	116.84 -12.14 0.00	130.84 -13.64 0.00	233.38 -20.30 0.00	130.81 -12.24 0.00	124.86 -11.85 0.00	131.81 -15.53 0.00	130.62 -14.43 0.00	145.37 -14.59 0.00
BARON_WINDS___WT_PWR 323822	69.05 -3.73 -2.15	49.00 -3.35 -0.21	44.21 -3.36 0.00	44.13 -3.20 0.00	61.16 -4.29 0.00	48.60 -3.17 -1.75	73.04 -4.94 -3.49	60.14 -4.05 -2.06	50.78 -3.28 0.00	59.16 -3.62 0.00	104.68 -10.15 14.53	131.29 -8.13 0.00	126.80 -7.64 0.00	126.92 -7.26 0.00	119.51 -6.76 0.00	115.72 -6.74 0.00	122.96 -6.02 0.00	138.07 -6.41 0.00	244.40 -9.27 0.00	137.54 -5.52 0.00	130.41 -6.30 0.00	139.18 -8.16 0.00	137.63 -7.41 0.00	152.08 -7.88 0.00
BARRETT_IC_1 23704	83.95 5.23 -8.09	56.41 3.59 -0.67	50.70 3.13 0.00	50.41 3.08 0.00	69.66 4.21 0.00	59.06 3.31 -5.72	90.66 4.74 -11.42	72.87 4.00 -6.73	57.66 3.59 0.00	67.03 4.25 0.00	139.54 10.18 0.00	150.55 11.13 0.00	145.54 11.11 0.00	144.77 10.59 0.00	136.78 10.52 0.00	143.03 10.55 -10.02	148.88 10.57 -9.33	156.09 11.58 -0.03	272.05 18.37 0.00	155.85 11.52 -1.29	167.68 11.38 -19.59	160.29 12.32 -0.62	157.70 12.03 -0.63	171.41 11.45 0.00
BARRETT_IC_10 23701	83.95 5.23 -8.09	56.41 3.59 -0.67	50.70 3.13 0.00	50.41 3.08 0.00	69.66 4.21 0.00	59.06 3.31 -5.72	90.66 4.74 -11.42	72.87 4.00 -6.73	57.66 3.59 0.00	67.03 4.25 0.00	139.54 10.18 0.00	150.55 11.13 0.00	145.54 11.11 0.00	144.77 10.59 0.00	136.78 10.52 0.00	143.03 10.55 -10.02	148.88 10.57 -9.33	156.09 11.58 -0.03	272.05 18.37 0.00	155.85 11.52 -1.29	167.68 11.38 -19.59	160.29 12.32 -0.62	157.70 12.03 -0.63	171.41 11.45 0.00
BARRETT_IC_11 23702	83.95 5.23 -8.09	56.41 3.59 -0.67	50.70 3.13 0.00	50.41 3.08 0.00	69.66 4.21 0.00	59.06 3.31 -5.72	90.66 4.74 -11.42	72.87 4.00 -6.73	57.66 3.59 0.00	67.03 4.25 0.00	139.54 10.18 0.00	150.55 11.13 0.00	145.54 11.11 0.00	144.77 10.59 0.00	136.78 10.52 0.00	143.03 10.55 -10.02	148.88 10.57 -9.33	156.09 11.58 -0.03	272.05 18.37 0.00	155.85 11.52 -1.29	167.68 11.38 -19.59	160.29 12.32 -0.62	157.70 12.03 -0.63	171.41 11.45 0.00
BARRETT_IC_12 23703	83.95 5.23 -8.09	56.41 3.59 -0.67	50.70 3.13 0.00	50.41 3.08 0.00	69.66 4.21 0.00	59.06 3.31 -5.72	90.66 4.74 -11.42	72.87 4.00 -6.73	57.66 3.59 0.00	67.03 4.25 0.00	139.54 10.18 0.00	150.55 11.13 0.00	145.54 11.11 0.00	144.77 10.59 0.00	136.78 10.52 0.00	143.03 10.55 -10.02	148.88 10.57 -9.33	156.09 11.58 -0.03	272.05 18.37 0.00	155.85 11.52 -1.29	167.68 11.38 -19.59	160.29 12.32 -0.62	157.70 12.03 -0.63	171.41 11.45 0.00
BARRETT_IC_2 23705	83.95 5.23 -8.09	56.41 3.59 -0.67	50.70 3.13 0.00	50.41 3.08 0.00	69.66 4.21 0.00	59.06 3.31 -5.72	90.66 4.74 -11.42	72.87 4.00 -6.73	57.66 3.59 0.00	67.03 4.25 0.00	139.54 10.18 0.00	150.55 11.13 0.00	145.54 11.11 0.00	144.77 10.59 0.00	136.78 10.52 0.00	143.03 10.55 -10.02	148.88 10.57 -9.33	156.09 11.58 -0.03	272.05 18.37 0.00	155.85 11.52 -1.29	167.68 11.38 -19.59	160.29 12.32 -0.62	157.70 12.03 -0.63	171.41 11.45 0.00
BARRETT_IC_3 23706	83.95 5.23 -8.09	56.41 3.59 -0.67	50.70 3.13 0.00	50.41 3.08 0.00	69.66 4.21 0.00	59.06 3.31 -5.72	90.66 4.74 -11.42	72.87 4.00 -6.73	57.66 3.59 0.00	67.03 4.25 0.00	139.54 10.18 0.00	150.55 11.13 0.00	145.54 11.11 0.00	144.77 10.59 0.00	136.78 10.52 0.00	143.03 10.55 -10.02	148.88 10.57 -9.33	156.09 11.58 -0.03	272.05 18.37 0.00	155.85 11.52 -1.29	167.68 11.38 -19.59	160.29 12.32 -0.62	157.70 12.03 -0.63	171.41 11.45 0.00
BARRETT_IC_4 23707	83.95 5.23 -8.09	56.41 3.59 -0.67	50.70 3.13 0.00	50.41 3.08 0.00	69.66 4.21 0.00	59.06 3.31 -5.72	90.66 4.74 -11.42	72.87 4.00 -6.73	57.66 3.59 0.00	67.03 4.25 0.00	139.54 10.18 0.00	150.55 11.13 0.00	145.54 11.11 0.00	144.77 10.59 0.00	136.78 10.52 0.00	143.03 10.55 -10.02	148.88 10.57 -9.33	156.09 11.58 -0.03	272.05 18.37 0.00	155.85 11.52 -1.29	167.68 11.38 -19.59	160.29 12.32 -0.62	157.70 12.03 -0.63	171.41 11.45 0.00

BARRETT_IC_5 23708	83.95 5.23 -8.09	56.41 3.59 -0.67	50.70 3.13 0.00	50.41 3.08 0.00	69.66 4.21 0.00	59.06 3.31 -5.72	90.66 4.74 -11.42	72.87 4.00 -6.73	57.66 3.59 0.00	67.03 4.25 0.00	139.54 10.18 0.00	150.55 11.13 0.00	145.54 11.11 0.00	144.77 10.59 0.00	136.78 10.52 0.00	143.03 10.55 -10.02	148.88 10.57 -9.33	156.09 11.58 -0.03	272.05 18.37 0.00	155.85 11.52 -1.29	167.68 11.38 -19.59	160.29 12.32 -0.62	157.70 12.03 -0.63	171.41 11.45 0.00
BARRETT_IC_6 23709	83.95 5.23 -8.09	56.41 3.59 -0.67	50.70 3.13 0.00	50.41 3.08 0.00	69.66 4.21 0.00	59.06 3.31 -5.72	90.66 4.74 -11.42	72.87 4.00 -6.73	57.66 3.59 0.00	67.03 4.25 0.00	139.54 10.18 0.00	150.55 11.13 0.00	145.54 11.11 0.00	144.77 10.59 0.00	136.78 10.52 0.00	143.03 10.55 -10.02	148.88 10.57 -9.33	156.09 11.58 -0.03	272.05 18.37 0.00	155.85 11.52 -1.29	167.68 11.38 -19.59	160.29 12.32 -0.62	157.70 12.03 -0.63	171.41 11.45 0.00
BARRETT_IC_7 23710	83.94 5.22 -8.09	56.41 3.59 -0.67	50.70 3.14 0.00	50.41 3.08 0.00	69.66 4.21 0.00	59.06 3.31 -5.72	90.66 4.74 -11.42	72.86 4.00 -6.73	57.66 3.59 0.00	67.03 4.26 0.00	139.52 10.16 0.00	150.53 11.10 0.00	145.56 11.12 0.00	144.77 10.59 0.00	136.76 10.50 0.00	143.00 10.52 -10.02	148.86 10.55 -9.33	156.10 11.59 -0.03	272.04 18.36 0.00	155.86 11.53 -1.29	167.68 11.39 -19.59	160.29 12.32 -0.62	157.70 12.03 -0.63	171.43 11.47 0.00
BARRETT_IC_8 23711	83.95 5.23 -8.09	56.41 3.59 -0.67	50.70 3.13 0.00	50.41 3.08 0.00	69.66 4.21 0.00	59.06 3.31 -5.72	90.66 4.74 -11.42	72.87 4.00 -6.73	57.66 3.59 0.00	67.03 4.25 0.00	139.54 10.18 0.00	150.55 11.13 0.00	145.54 11.11 0.00	144.77 10.59 0.00	136.78 10.52 0.00	143.03 10.55 -10.02	148.88 10.57 -9.33	156.09 11.58 -0.03	272.05 18.37 0.00	155.85 11.52 -1.29	167.68 11.38 -19.59	160.29 12.32 -0.62	157.70 12.03 -0.63	171.41 11.45 0.00
BARRETT_IC_9 23700	83.95 5.23 -8.09	56.41 3.59 -0.67	50.70 3.13 0.00	50.41 3.08 0.00	69.66 4.21 0.00	59.06 3.31 -5.72	90.66 4.74 -11.42	72.87 4.00 -6.73	57.66 3.59 0.00	67.03 4.25 0.00	139.54 10.18 0.00	150.55 11.13 0.00	145.54 11.11 0.00	144.77 10.59 0.00	136.78 10.52 0.00	143.03 10.55 -10.02	148.88 10.57 -9.33	156.09 11.58 -0.03	272.05 18.37 0.00	155.85 11.52 -1.29	167.68 11.38 -19.59	160.29 12.32 -0.62	157.70 12.03 -0.63	171.41 11.45 0.00
BARRETT___1 23545	83.95 5.23 -8.09	56.41 3.59 -0.67	50.70 3.13 0.00	50.41 3.08 0.00	69.66 4.21 0.00	59.06 3.31 -5.72	90.66 4.74 -11.42	72.87 4.00 -6.73	57.66 3.59 0.00	67.03 4.25 0.00	139.54 10.18 0.00	150.55 11.13 0.00	145.54 11.11 0.00	144.77 10.59 0.00	136.78 10.52 0.00	143.03 10.55 -10.02	148.88 10.57 -9.33	156.09 11.58 -0.03	272.05 18.37 0.00	155.85 11.52 -1.29	167.68 11.38 -19.59	160.29 12.32 -0.62	157.70 12.03 -0.63	171.41 11.45 0.00
BARRETT___2 23546	83.95 5.23 -8.09	56.41 3.59 -0.67	50.70 3.13 0.00	50.41 3.08 0.00	69.66 4.21 0.00	59.06 3.31 -5.72	90.66 4.74 -11.42	72.87 4.00 -6.73	57.66 3.59 0.00	67.03 4.25 0.00	139.54 10.18 0.00	150.55 11.13 0.00	145.54 11.11 0.00	144.77 10.59 0.00	136.78 10.52 0.00	143.03 10.55 -10.02	148.88 10.57 -9.33	156.09 11.58 -0.03	272.05 18.37 0.00	155.85 11.52 -1.29	167.68 11.38 -19.59	160.29 12.32 -0.62	157.70 12.03 -0.63	171.41 11.45 0.00
BATAVIA__115KV_TB1 55881	67.20 -4.73 -1.29	48.69 -3.46 0.00	44.24 -3.33 0.00	44.09 -3.24 0.00	61.23 -4.22 0.00	46.99 -3.03 0.00	69.95 -4.55 0.00	58.23 -3.91 0.00	50.85 -3.22 0.00	59.27 -3.51 0.00	114.02 -10.51 4.83	127.43 -11.99 0.00	122.83 -11.61 0.00	123.44 -10.74 0.00	116.18 -10.08 0.00	112.67 -9.79 0.00	119.57 -9.41 0.00	134.34 -10.14 0.00	240.57 -13.10 0.00	134.28 -8.77 0.00	128.10 -8.61 0.00	135.05 -12.29 0.00	133.57 -11.48 0.00	148.61 -11.35 0.00
BAYONEEC___CTG1 323682	83.26 4.53 -8.10	55.95 3.13 -0.67	50.31 2.74 0.00	50.02 2.69 0.00	69.11 3.66 0.00	58.65 2.90 -5.72	90.09 4.17 -11.42	72.38 3.51 -6.73	57.39 3.32 0.00	66.51 3.73 0.00	138.53 9.17 0.00	149.52 10.09 0.00	144.67 10.24 0.00	144.03 9.85 0.00	135.88 9.62 0.00	131.70 9.24 0.00	138.41 9.43 0.00	117.64 10.63 37.47	246.77 17.70 24.61	117.49 10.62 36.18	146.98 10.27 0.00	158.40 11.05 0.00	155.97 10.93 0.00	171.24 11.28 0.00
BAYONEEC___CTG10 323750	83.26 4.53 -8.10	55.95 3.13 -0.67	50.31 2.74 0.00	50.02 2.69 0.00	69.11 3.66 0.00	58.65 2.90 -5.72	90.09 4.17 -11.42	72.38 3.51 -6.73	57.39 3.32 0.00	66.51 3.73 0.00	138.53 9.17 0.00	149.52 10.09 0.00	144.67 10.24 0.00	144.03 9.85 0.00	135.88 9.62 0.00	131.70 9.24 0.00	138.41 9.43 0.00	117.64 10.63 37.47	246.77 17.70 24.61	117.49 10.62 36.18	146.98 10.27 0.00	158.40 11.05 0.00	155.97 10.93 0.00	171.24 11.28 0.00
BAYONEEC___CTG2 323683	83.26 4.53 -8.10	55.95 3.13 -0.67	50.31 2.74 0.00	50.02 2.69 0.00	69.11 3.66 0.00	58.65 2.90 -5.72	90.09 4.17 -11.42	72.38 3.51 -6.73	57.39 3.32 0.00	66.51 3.73 0.00	138.53 9.17 0.00	149.52 10.09 0.00	144.67 10.24 0.00	144.03 9.85 0.00	135.88 9.62 0.00	131.70 9.24 0.00	138.41 9.43 0.00	117.64 10.63 37.47	246.77 17.70 24.61	117.49 10.62 36.18	146.98 10.27 0.00	158.40 11.05 0.00	155.97 10.93 0.00	171.24 11.28 0.00
BAYONEEC___CTG3 323684	83.26 4.53 -8.10	55.95 3.13 -0.67	50.31 2.74 0.00	50.02 2.69 0.00	69.11 3.66 0.00	58.65 2.90 -5.72	90.09 4.17 -11.42	72.38 3.51 -6.73	57.39 3.32 0.00	66.51 3.73 0.00	138.53 9.17 0.00	149.52 10.09 0.00	144.67 10.24 0.00	144.03 9.85 0.00	135.88 9.62 0.00	131.70 9.24 0.00	138.41 9.43 0.00	117.64 10.63 37.47	246.77 17.70 24.61	117.49 10.62 36.18	146.98 10.27 0.00	158.40 11.05 0.00	155.97 10.93 0.00	171.24 11.28 0.00
BAYONEEC___CTG4 323685	83.26 4.53 -8.10	55.95 3.13 -0.67	50.31 2.74 0.00	50.02 2.69 0.00	69.11 3.66 0.00	58.65 2.90 -5.72	90.09 4.17 -11.42	72.38 3.51 -6.73	57.39 3.32 0.00	66.51 3.73 0.00	138.53 9.17 0.00	149.52 10.09 0.00	144.67 10.24 0.00	144.03 9.85 0.00	135.88 9.62 0.00	131.70 9.24 0.00	138.41 9.43 0.00	117.64 10.63 37.47	246.77 17.70 24.61	117.49 10.62 36.18	146.98 10.27 0.00	158.40 11.05 0.00	155.97 10.93 0.00	171.24 11.28 0.00
BAYONEEC___CTG5 323686	83.26 4.53 -8.10	55.95 3.13 -0.67	50.31 2.74 0.00	50.02 2.69 0.00	69.11 3.66 0.00	58.65 2.90 -5.72	90.09 4.17 -11.42	72.38 3.51 -6.73	57.39 3.32 0.00	66.51 3.73 0.00	138.53 9.17 0.00	149.52 10.09 0.00	144.67 10.24 0.00	144.03 9.85 0.00	135.88 9.62 0.00	131.70 9.24 0.00	138.41 9.43 0.00	117.64 10.63 37.47	246.77 17.70 24.61	117.49 10.62 36.18	146.98 10.27 0.00	158.40 11.05 0.00	155.97 10.93 0.00	171.24 11.28 0.00
BAYONEEC___CTG6 323687	83.26 4.53 -8.10	55.95 3.13 -0.67	50.31 2.74 0.00	50.02 2.69 0.00	69.11 3.66 0.00	58.65 2.90 -5.72	90.09 4.17 -11.42	72.38 3.51 -6.73	57.39 3.32 0.00	66.51 3.73 0.00	138.53 9.17 0.00	149.52 10.09 0.00	144.67 10.24 0.00	144.03 9.85 0.00	135.88 9.62 0.00	131.70 9.24 0.00	138.41 9.43 0.00	117.64 10.63 37.47	246.77 17.70 24.61	117.49 10.62 36.18	146.98 10.27 0.00	158.40 11.05 0.00	155.97 10.93 0.00	171.24 11.28 0.00

BAYONEEC___CTG7 323688	83.26 4.53 -8.10	55.95 3.13 -0.67	50.31 2.74 0.00	50.02 2.69 0.00	69.11 3.66 0.00	58.65 2.90 -5.72	90.09 4.17 -11.42	72.38 3.51 -6.73	57.39 3.32 0.00	66.51 3.73 0.00	138.53 9.17 0.00	149.52 10.09 0.00	144.67 10.24 0.00	144.03 9.85 0.00	135.88 9.62 0.00	131.70 9.24 0.00	138.41 9.43 0.00	117.64 10.63 37.47	246.77 17.70 24.61	117.49 10.62 36.18	146.98 10.27 0.00	158.40 11.05 0.00	155.97 10.93 0.00	171.24 11.28 0.00
BAYONEEC___CTG8 323689	83.26 4.53 -8.10	55.95 3.13 -0.67	50.31 2.74 0.00	50.02 2.69 0.00	69.11 3.66 0.00	58.65 2.90 -5.72	90.09 4.17 -11.42	72.38 3.51 -6.73	57.39 3.32 0.00	66.51 3.73 0.00	138.53 9.17 0.00	149.52 10.09 0.00	144.67 10.24 0.00	144.03 9.85 0.00	135.88 9.62 0.00	131.70 9.24 0.00	138.41 9.43 0.00	117.64 10.63 37.47	246.77 17.70 24.61	117.49 10.62 36.18	146.98 10.27 0.00	158.40 11.05 0.00	155.97 10.93 0.00	171.24 11.28 0.00
BAYONEEC___CTG9 323749	83.26 4.53 -8.10	55.95 3.13 -0.67	50.31 2.74 0.00	50.02 2.69 0.00	69.11 3.66 0.00	58.65 2.90 -5.72	90.09 4.17 -11.42	72.38 3.51 -6.73	57.39 3.32 0.00	66.51 3.73 0.00	138.53 9.17 0.00	149.52 10.09 0.00	144.67 10.24 0.00	144.03 9.85 0.00	135.88 9.62 0.00	131.70 9.24 0.00	138.41 9.43 0.00	117.64 10.63 37.47	246.77 17.70 24.61	117.49 10.62 36.18	146.98 10.27 0.00	158.40 11.05 0.00	155.97 10.93 0.00	171.24 11.28 0.00
BEACON___LESR 323632	97.84 4.03 -23.18	58.80 2.88 -3.77	50.11 2.54 0.00	49.83 2.50 0.00	68.96 3.52 0.00	84.80 2.72 -32.06	142.45 3.97 -63.98	102.95 3.12 -37.71	56.69 2.62 0.00	66.02 3.24 0.00	135.90 6.54 0.00	146.80 7.37 0.00	141.47 7.04 0.00	141.26 7.07 0.00	132.79 6.53 0.00	128.31 5.85 0.00	134.91 5.93 0.00	151.63 7.15 0.00	266.08 12.40 0.00	149.96 6.91 0.00	143.15 6.44 0.00	154.16 6.82 0.00	151.83 6.78 0.00	168.51 8.54 0.00
BEAVER RIVER___HYD 24048	70.23 -0.39 0.00	51.67 -0.48 0.00	47.15 -0.42 0.00	46.76 -0.57 0.00	64.68 -0.77 0.00	49.65 -0.38 0.00	74.16 -0.34 0.00	62.06 -0.08 0.00	53.53 0.03 0.56	63.18 0.40 0.00	121.06 1.12 9.42	130.94 0.08 8.56	117.29 -0.30 16.85	125.98 0.84 9.04	118.71 0.67 8.21	108.19 -0.56 13.71	130.21 1.23 0.00	140.72 0.37 4.13	253.70 2.86 2.84	139.27 2.15 5.93	137.19 0.48 0.00	145.02 -0.55 1.78	144.47 -0.57 0.00	159.44 -0.53 0.00
BEEBEE_GT_13 23619	67.50 -4.25 -1.13	48.96 -3.19 0.00	44.59 -2.98 0.00	44.42 -2.91 0.00	61.52 -3.93 0.00	47.15 -2.87 0.00	70.16 -4.33 0.00	58.53 -3.60 0.00	51.08 -2.98 0.00	59.52 -3.26 0.00	117.02 -9.04 3.31	129.54 -9.88 0.00	124.78 -9.66 0.00	125.12 -9.06 0.00	117.61 -8.65 0.00	114.04 -8.42 0.00	120.75 -8.23 0.00	135.49 -8.99 0.00	241.11 -12.57 0.00	135.02 -8.03 0.00	128.80 -7.90 0.00	136.68 -10.67 0.00	134.84 -10.21 0.00	149.54 -10.42 0.00
BENSHRST_27_KV_BENSHRST_1 355998	99.66 5.60 -23.43	99.39 3.96 -43.27	100.25 3.48 -49.20	100.83 3.41 -50.09	99.95 4.66 -29.84	99.64 3.69 -45.92	101.84 5.33 -22.01	102.77 4.54 -36.09	101.39 4.25 -43.07	102.27 4.76 -34.72	206.78 11.25 -66.17	217.03 12.24 -65.36	154.89 12.29 -8.17	146.03 11.85 0.00	145.31 11.44 -7.60	155.92 10.88 -22.58	358.26 11.37 -217.91	865.84 12.73 -708.63	624.26 21.69 -348.88	733.24 13.07 -577.12	1377.29 12.53 -1228.06	955.18 13.63 -794.21	390.85 13.35 -232.45	226.87 13.73 -53.18
BETHLEHEM___GRP 23843	96.37 2.98 -22.76	57.96 2.14 -3.68	49.46 1.88 0.00	49.18 1.85 0.00	68.00 2.55 0.00	83.23 1.94 -31.26	139.55 2.65 -62.40	100.93 2.02 -36.77	55.73 1.66 0.00	64.78 2.00 0.00	133.58 4.22 0.00	143.98 4.56 0.00	138.93 4.49 0.00	138.60 4.42 0.00	130.43 4.17 0.00	125.77 3.31 0.00	131.83 2.85 0.00	147.98 3.49 0.00	259.47 5.79 0.00	146.40 3.35 0.00	139.98 3.27 0.00	150.86 3.52 0.00	148.79 3.75 0.00	165.33 5.37 0.00
BETHLEHEM___GS1 323560	96.37 2.98 -22.76	57.96 2.14 -3.68	49.45 1.88 0.00	49.18 1.85 0.00	68.00 2.55 0.00	83.23 1.94 -31.26	139.56 2.66 -62.40	100.93 2.02 -36.77	55.73 1.66 0.00	64.78 2.00 0.00	133.57 4.21 0.00	143.96 4.54 0.00	138.91 4.48 0.00	138.61 4.42 0.00	130.43 4.17 0.00	125.79 3.33 0.00	131.83 2.85 0.00	147.98 3.50 0.00	259.47 5.79 0.00	146.40 3.35 0.00	139.98 3.27 0.00	150.85 3.50 0.00	148.79 3.75 0.00	165.34 5.38 0.00
BETHLEHEM___GS2 323561	96.37 2.98 -22.76	57.96 2.14 -3.68	49.45 1.88 0.00	49.18 1.85 0.00	68.00 2.55 0.00	83.23 1.94 -31.26	139.56 2.66 -62.40	100.93 2.02 -36.77	55.73 1.66 0.00	64.78 2.00 0.00	133.57 4.21 0.00	143.96 4.54 0.00	138.91 4.48 0.00	138.61 4.42 0.00	130.43 4.17 0.00	125.79 3.33 0.00	131.83 2.85 0.00	147.98 3.50 0.00	259.47 5.79 0.00	146.40 3.35 0.00	139.98 3.27 0.00	150.85 3.50 0.00	148.79 3.75 0.00	165.34 5.38 0.00
BETHLEHEM___GS3 323562	96.37 2.98 -22.76	57.96 2.14 -3.68	49.45 1.88 0.00	49.18 1.85 0.00	68.00 2.55 0.00	83.23 1.94 -31.26	139.56 2.66 -62.40	100.93 2.02 -36.77	55.73 1.66 0.00	64.78 2.00 0.00	133.57 4.21 0.00	143.96 4.54 0.00	138.91 4.48 0.00	138.61 4.42 0.00	130.43 4.17 0.00	125.79 3.33 0.00	131.83 2.85 0.00	147.98 3.50 0.00	259.47 5.79 0.00	146.40 3.35 0.00	139.98 3.27 0.00	150.85 3.50 0.00	148.79 3.75 0.00	165.34 5.38 0.00
BETHLEHEM___STEEL 23779	66.38 -5.74 -1.50	47.76 -4.39 0.00	43.29 -4.28 0.00	43.20 -4.13 0.00	59.95 -5.50 0.00	45.97 -4.06 0.00	68.14 -6.35 0.00	56.77 -5.37 0.00	49.56 -4.52 0.00	57.82 -4.96 0.00	109.09 -13.60 6.67	125.15 -14.27 0.00	120.62 -13.81 0.00	121.30 -12.88 0.00	114.02 -12.24 0.00	110.38 -12.08 0.00	117.04 -11.94 0.00	131.00 -13.48 0.00	234.33 -19.35 0.00	131.05 -12.00 0.00	125.11 -11.60 0.00	131.90 -15.44 0.00	130.80 -14.24 0.00	145.82 -14.15 0.00
BETHLHEM_115KV_TB1 79974	95.42 2.93 -21.86	57.73 2.11 -3.48	49.43 1.85 0.00	49.17 1.84 0.00	67.97 2.52 0.00	81.51 1.91 -29.58	136.16 2.63 -59.04	98.95 2.02 -34.79	55.76 1.69 0.00	64.82 2.04 0.00	133.67 4.31 0.00	144.08 4.66 0.00	139.02 4.58 0.00	138.70 4.52 0.00	130.53 4.27 0.00	126.00 3.54 0.00	132.13 3.15 0.00	148.32 3.84 0.00	260.01 6.33 0.00	146.76 3.71 0.00	140.33 3.63 0.00	151.17 3.82 0.00	149.08 4.03 0.00	165.44 5.48 0.00
BETHPAGE_CC_5 323564	84.37 5.65 -8.09	56.70 3.88 -0.67	50.99 3.42 0.00	50.69 3.36 0.00	70.10 4.65 0.00	59.41 3.67 -5.72	91.17 5.25 -11.42	73.30 4.43 -6.73	57.99 3.92 0.00	67.34 4.56 0.00	139.85 10.49 0.00	150.80 11.37 0.00	145.92 11.49 0.00	145.03 10.85 0.00	137.11 10.85 0.00	143.52 11.04 -10.02	149.94 11.63 -9.33	157.64 13.13 -0.03	274.37 20.69 0.00	157.36 13.03 -1.29	169.17 12.87 -19.59	161.41 13.44 -0.62	158.72 13.05 -0.63	172.03 12.07 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	66.76 -5.38 -1.52	48.02 -4.13 0.00	43.54 -4.03 0.00	43.44 -3.89 0.00	60.28 -5.17 0.00	46.24 -3.79 0.00	68.51 -5.98 0.00	57.10 -5.04 0.00	49.85 -4.22 0.00	58.14 -4.64 0.00	109.77 -12.86 6.74	125.95 -13.47 0.00	121.42 -13.02 0.00	122.11 -12.08 0.00	114.75 -11.51 0.00	111.10 -11.36 0.00	117.79 -11.19 0.00	131.86 -12.62 0.00	235.68 -17.99 0.00	131.94 -11.11 0.00	125.95 -10.76 0.00	132.77 -14.57 0.00	131.63 -13.42 0.00	146.71 -13.25 0.00

BINGHAMTON___COGEN 23790	73.14 -0.71 -3.22	51.76 -0.71 -0.32	46.86 -0.71 0.00	46.68 -0.65 0.00	64.56 -0.89 0.00	52.13 -0.59 -2.69	79.00 -0.86 -5.37	64.63 -0.67 -3.17	53.66 -0.41 0.00	62.31 -0.47 0.00	124.77 -1.83 2.76	137.68 -1.74 0.00	132.67 -1.77 0.00	132.64 -1.54 0.00	124.84 -1.42 0.00	121.00 -1.46 0.00	127.97 -1.01 0.00	143.64 -0.84 0.00	252.69 -0.99 0.00	142.67 -0.38 0.00	136.04 -0.67 0.00	145.65 -1.69 0.00	143.49 -1.55 0.00	158.28 -1.68 0.00
BIXINCNT_115KV_LOAD 355685	66.22 -6.17 -1.76	47.65 -4.67 -0.17	43.12 -4.45 0.00	42.88 -4.44 0.00	59.63 -5.82 0.00	47.26 -4.21 -1.43	70.54 -6.82 -2.86	58.19 -5.63 -1.68	49.23 -4.84 0.00	57.30 -5.48 0.00	108.33 -13.90 7.14	125.14 -14.29 0.00	120.75 -13.69 0.00	121.47 -12.71 0.00	114.27 -12.00 0.00	110.27 -12.18 0.00	117.49 -11.49 0.00	132.08 -12.40 0.00	234.48 -19.20 0.00	132.62 -10.43 0.00	126.22 -10.49 0.00	132.67 -14.67 0.00	131.42 -13.62 0.00	146.29 -13.67 0.00
BLACK RIVER___HYD 24047	70.63 0.00 0.00	51.91 -0.24 0.00	47.40 -0.16 0.00	47.03 -0.30 0.00	65.09 -0.36 0.00	49.99 -0.04 0.00	74.71 0.21 0.00	62.62 0.49 0.00	54.24 0.57 0.40	63.55 0.77 0.00	123.88 1.16 6.64	133.25 -0.13 6.04	121.64 -0.91 11.89	127.93 0.12 6.38	120.68 0.20 5.79	112.26 -0.52 9.67	130.49 1.51 0.00	144.02 2.46 2.91	258.82 7.14 2.00	143.15 4.28 4.18	139.52 2.81 0.00	147.71 1.62 1.25	146.39 1.35 0.00	161.09 1.13 0.00
BLACKRVR_115KV_TB2 79977	70.62 0.00 0.00	51.91 -0.24 0.00	47.40 -0.16 0.00	47.03 -0.30 0.00	65.09 -0.36 0.00	49.99 -0.04 0.00	74.71 0.21 0.00	62.62 0.49 0.00	54.24 0.57 0.40	63.55 0.77 0.00	123.89 1.18 6.64	133.25 -0.13 6.04	121.64 -0.91 11.89	127.93 0.12 6.38	120.69 0.21 5.79	112.27 -0.51 9.67	130.49 1.51 0.00	144.03 2.46 2.91	258.82 7.14 2.00	143.15 4.29 4.18	139.52 2.81 0.00	147.71 1.62 1.25	146.39 1.35 0.00	161.08 1.11 0.00
BLISS_WT_PWR 323608	65.55 -6.84 -1.76	47.15 -5.17 -0.17	42.66 -4.91 0.00	42.41 -4.91 0.00	58.98 -6.46 0.00	46.80 -4.66 -1.43	69.85 -7.51 -2.86	57.61 -6.21 -1.68	48.70 -5.37 0.00	56.66 -6.12 0.00	107.04 -15.18 7.14	123.81 -15.61 0.00	119.49 -14.95 0.00	120.25 -13.93 0.00	113.14 -13.12 0.00	109.08 -13.38 0.00	116.57 -12.41 0.00	131.12 -13.36 0.00	232.61 -21.06 0.00	131.83 -11.22 0.00	125.41 -11.30 0.00	131.59 -15.76 0.00	130.28 -14.76 0.00	144.92 -15.04 0.00
BLUESTONE___WT_PWR 323821	74.24 -1.16 -4.77	51.50 -1.23 -0.58	46.59 -0.98 0.00	46.52 -0.81 0.00	64.09 -1.35 0.00	54.39 -0.56 -4.92	83.71 -0.61 -9.83	67.40 -0.52 -5.79	53.84 -0.23 0.00	62.20 -0.57 0.00	130.17 -2.19 -2.99	137.11 -2.31 0.00	131.79 -2.64 0.00	131.53 -2.65 0.00	123.96 -2.31 0.00	120.56 -1.90 0.00	128.14 -0.84 0.00	144.51 0.03 0.00	254.39 0.71 0.00	143.53 0.48 0.00	137.05 0.35 0.00	146.56 -0.79 0.00	144.42 -0.63 0.00	159.20 -0.77 0.00
BLUE_CIRC_CHEM_DRP 24182	91.94 3.21 -18.11	57.14 2.33 -2.67	49.63 2.06 0.00	49.37 2.04 0.00	68.27 2.82 0.00	74.83 2.13 -22.68	122.77 3.00 -45.28	91.16 2.35 -26.68	56.06 1.99 0.00	65.07 2.29 0.00	134.22 4.86 0.00	144.57 5.15 0.00	139.36 4.93 0.00	139.21 5.03 0.00	131.03 4.77 0.00	126.64 4.18 0.00	133.18 4.20 0.00	149.65 5.17 0.00	262.46 8.78 0.00	148.11 5.06 0.00	141.56 4.86 0.00	152.51 5.16 0.00	150.18 5.13 0.00	166.40 6.43 0.00
BOC_GAS_DRP 24189	90.13 2.64 -16.85	56.41 1.88 -2.38	49.24 1.66 0.00	48.96 1.63 0.00	67.68 2.24 0.00	71.94 1.70 -20.21	117.21 2.38 -40.34	87.76 1.86 -23.77	55.71 1.64 0.00	64.70 1.92 0.00	133.61 4.25 0.00	144.00 4.58 0.00	138.97 4.54 0.00	138.67 4.48 0.00	130.54 4.28 0.00	126.37 3.91 0.00	132.74 3.76 0.00	148.88 4.40 0.00	261.02 7.34 0.00	147.40 4.35 0.00	140.91 4.21 0.00	151.85 4.50 0.00	149.54 4.50 0.00	165.32 5.35 0.00
BOONVILLE_115KV_TB1 79983	71.70 1.07 0.00	52.85 0.70 0.00	48.22 0.65 0.00	47.91 0.59 0.00	66.29 0.85 0.00	50.83 0.80 0.00	75.87 1.37 0.00	63.39 1.26 0.00	55.17 1.24 0.14	64.52 1.75 0.00	130.93 3.84 2.27	141.03 3.68 2.06	133.76 3.39 4.06	136.13 4.12 2.18	128.21 3.88 1.93	122.22 3.07 3.31	133.25 4.27 0.00	147.44 3.95 0.99	261.05 8.05 0.68	146.42 4.80 1.43	140.28 3.58 0.00	149.86 2.94 0.43	147.76 2.72 0.00	162.83 2.87 0.00
BORALEX_4TH_BRANCH 23824	105.51 5.69 -29.20	61.35 4.10 -5.10	51.23 3.66 0.00	50.97 3.64 0.00	70.47 5.02 0.00	97.09 3.71 -43.35	166.42 5.39 -86.53	117.56 4.43 -51.00	57.91 3.84 0.00	67.12 4.34 0.00	138.51 9.15 0.00	149.38 9.96 0.00	144.04 9.60 0.00	143.90 9.72 0.00	135.58 9.32 0.00	131.84 9.38 0.00	137.61 8.63 0.00	154.83 10.35 0.00	271.39 17.71 0.00	153.06 10.01 0.00	146.14 9.44 0.00	157.60 10.25 0.00	154.96 9.92 0.00	171.61 11.65 0.00
BOWLINE___1 23526	82.35 3.87 -7.85	55.49 2.69 -0.65	49.89 2.33 0.00	49.63 2.30 0.00	68.58 3.13 0.00	58.10 2.54 -5.53	89.22 3.67 -11.05	71.74 3.09 -6.51	56.94 2.87 0.00	66.00 3.23 0.00	137.02 7.66 0.00	147.74 8.31 0.00	142.79 8.36 0.00	142.20 8.01 0.00	134.10 7.83 0.00	130.08 7.62 0.00	136.78 7.80 0.00	153.51 9.03 0.00	268.78 15.10 0.00	152.10 9.05 0.00	145.38 8.67 0.00	156.61 9.26 0.00	154.13 9.09 0.00	169.40 9.44 0.00
BOWLINE___2 23595	82.35 3.87 -7.85	55.49 2.69 -0.65	49.89 2.33 0.00	49.63 2.30 0.00	68.58 3.13 0.00	58.10 2.54 -5.54	89.22 3.67 -11.05	71.74 3.09 -6.51	56.94 2.87 0.00	66.00 3.23 0.00	137.02 7.66 0.00	147.75 8.33 0.00	142.80 8.37 0.00	142.20 8.01 0.00	134.10 7.83 0.00	130.09 7.63 0.00	136.79 7.81 0.00	153.51 9.03 0.00	268.78 15.10 0.00	152.10 9.05 0.00	145.39 8.68 0.00	156.61 9.26 0.00	154.13 9.09 0.00	169.40 9.44 0.00
BRADY___115KV_TB2 356060	70.78 0.16 0.00	52.24 0.09 0.00	47.60 0.04 0.00	47.32 0.00 0.00	65.64 0.19 0.00	50.18 0.16 0.00	74.94 0.45 0.00	62.62 0.49 0.00	52.44 0.21 1.84	62.77 -0.01 0.00	98.13 -0.57 30.66	110.66 -0.91 27.86	78.54 -1.07 54.83	103.34 -1.43 29.42	96.34 -1.70 28.23	76.40 -1.43 44.63	127.70 -1.27 0.00	129.90 -1.14 13.44	241.92 -2.52 9.24	122.61 -1.15 19.30	135.70 -1.00 0.01	141.43 -0.13 5.79	145.15 0.10 0.00	160.44 0.47 0.00
BRANSCOMB___SOLAR 323811	113.68 5.48 -37.57	63.00 3.93 -6.91	51.08 3.51 0.00	50.86 3.54 0.00	70.32 4.87 0.00	112.62 3.80 -58.80	197.55 5.69 -117.37	136.02 4.72 -69.16	58.22 4.15 0.00	67.50 4.72 0.00	139.27 9.90 0.00	150.03 10.61 0.00	144.58 10.14 0.00	144.42 10.24 0.00	135.83 9.57 0.00	131.98 9.52 0.00	138.82 9.84 0.00	156.13 11.65 0.00	273.97 20.30 0.00	154.39 11.34 0.00	147.37 10.66 0.00	158.44 11.09 0.00	155.60 10.56 0.00	171.85 11.88 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	85.30 6.57 -8.09	57.33 4.51 -0.67	51.55 3.98 0.00	51.28 3.95 0.00	70.94 5.50 0.00	60.08 4.33 -5.72	92.03 6.12 -11.42	74.00 5.13 -6.73	58.59 4.53 0.00	67.94 5.17 0.00	140.90 11.54 0.00	151.97 12.54 0.00	147.16 12.72 0.00	146.13 11.95 0.00	138.23 11.97 0.00	144.77 12.29 -10.02	151.39 13.08 -9.33	160.90 14.88 -1.54	278.04 23.12 -1.24	168.93 14.42 -11.47	173.97 14.26 -22.99	172.84 14.59 -10.91	166.21 14.39 -6.77	173.19 13.23 0.00

BRISTLHL_115KV_TB1 79998	69.73 -0.90 0.00	51.39 -0.76 0.00	46.92 -0.65 0.00	46.71 -0.62 0.00	64.47 -0.97 0.00	49.39 -0.64 0.00	73.66 -0.84 0.00	61.56 -0.57 0.00	53.67 -0.33 0.07	62.51 -0.26 0.00	127.06 -1.17 1.13	136.95 -1.44 1.03	130.74 -1.67 2.03	131.88 -1.22 1.09	124.17 -1.12 0.98	119.60 -1.21 1.65	128.22 -0.75 0.00	143.66 -0.32 0.50	254.21 0.88 0.34	142.52 0.19 0.71	136.41 -0.29 0.00	145.65 -1.48 0.21	143.42 -1.63 0.00	158.13 -1.83 0.00
BROOKHAVEN___DRP 24191	85.17 6.44 -8.09	57.25 4.43 -0.67	51.47 3.90 0.00	51.20 3.87 0.00	70.88 5.43 0.00	60.04 4.29 -5.72	92.01 6.10 -11.42	74.01 5.14 -6.73	58.55 4.48 0.00	67.98 5.21 0.00	140.76 11.39 0.00	151.85 12.43 0.00	146.64 12.21 0.00	145.03 10.85 0.00	137.12 10.85 0.00	143.78 11.31 -10.02	150.82 12.51 -9.33	174.01 14.57 -14.96	287.89 21.94 -12.28	259.08 14.22 -101.81	204.00 14.09 -53.20	264.17 14.67 -102.16	220.68 14.35 -61.28	172.69 12.73 0.00
BROOKLYN_NAVY_YARD 23515	83.31 4.59 -8.10	56.00 3.18 -0.67	50.32 2.75 0.00	50.07 2.74 0.00	69.17 3.73 0.00	58.70 2.95 -5.72	90.14 4.22 -11.42	72.40 3.53 -6.73	57.45 3.38 0.00	66.52 3.74 0.00	138.63 9.27 0.00	149.66 10.23 0.00	144.86 10.43 0.00	144.25 10.07 0.00	136.08 9.82 0.00	131.88 9.42 0.00	138.60 9.62 0.00	155.39 10.91 0.00	271.91 18.23 0.00	153.93 10.88 0.00	147.25 10.54 0.00	158.65 11.30 0.00	156.28 11.24 0.00	171.54 11.57 0.00
BROOKLYN___ARMY_DRP 323595	99.29 5.24 -23.43	99.12 3.69 -43.27	100.01 3.24 -49.20	100.60 3.19 -50.09	99.64 4.36 -29.84	99.39 3.44 -45.92	101.44 4.94 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.40 -34.72	206.01 10.47 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.04 0.00	144.53 10.67 -7.60	134.92 10.13 -2.33	341.73 10.56 -202.19	864.88 11.78 -708.63	622.53 19.97 -348.88	732.26 12.10 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.98 12.48 -232.45	225.93 12.79 -53.18
BROOKVLE_69_KV_TB1 55790	84.65 5.92 -8.09	56.93 4.11 -0.67	51.19 3.61 0.00	50.87 3.54 0.00	70.36 4.91 0.00	59.64 3.89 -5.72	91.56 5.64 -11.42	73.63 4.77 -6.73	58.31 4.25 0.00	67.71 4.93 0.00	140.67 11.31 0.00	151.76 12.34 0.00	146.79 12.35 0.00	145.96 11.78 0.00	137.96 11.70 0.00	144.21 11.73 -10.02	150.65 12.34 -9.33	158.39 13.88 -0.03	276.01 22.33 0.00	158.13 13.79 -1.29	170.00 13.70 -19.59	162.22 14.25 -0.62	159.46 13.78 -0.63	173.19 13.23 0.00
BROOME_2_LFGE 323671	73.14 -0.70 -3.22	51.76 -0.71 -0.32	46.86 -0.71 0.00	46.68 -0.65 0.00	64.55 -0.90 0.00	52.12 -0.60 -2.69	79.00 -0.86 -5.37	64.63 -0.67 -3.17	53.67 -0.40 0.00	62.30 -0.47 0.00	124.75 -1.86 2.76	137.68 -1.74 0.00	132.67 -1.77 0.00	132.62 -1.56 0.00	124.83 -1.43 0.00	120.97 -1.49 0.00	128.00 -0.98 0.00	143.63 -0.85 0.00	252.66 -1.02 0.00	142.66 -0.39 0.00	136.04 -0.67 0.00	145.64 -1.71 0.00	143.50 -1.54 0.00	158.29 -1.68 0.00
BROOME___LFGE 323600	73.14 -0.70 -3.22	51.76 -0.71 -0.32	46.86 -0.71 0.00	46.68 -0.65 0.00	64.55 -0.90 0.00	52.12 -0.60 -2.69	79.00 -0.86 -5.37	64.63 -0.67 -3.17	53.67 -0.40 0.00	62.30 -0.47 0.00	124.75 -1.86 2.76	137.68 -1.74 0.00	132.67 -1.77 0.00	132.62 -1.56 0.00	124.83 -1.43 0.00	120.97 -1.49 0.00	128.00 -0.98 0.00	143.63 -0.85 0.00	252.66 -1.02 0.00	142.66 -0.39 0.00	136.04 -0.67 0.00	145.64 -1.71 0.00	143.50 -1.54 0.00	158.29 -1.68 0.00
BROWNFLS_115KV_TB_3_5 80003	69.92 -0.71 0.00	51.49 -0.65 0.00	46.97 -0.60 0.00	46.63 -0.70 0.00	64.52 -0.93 0.00	49.45 -0.57 0.00	73.85 -0.65 0.00	61.77 -0.37 0.00	52.64 -0.37 1.07	62.54 -0.24 0.00	111.02 -0.48 17.86	121.90 -1.28 16.23	100.93 -1.56 31.94	115.87 -1.18 17.14	107.58 -1.68 17.00	94.08 -2.37 26.00	127.50 -1.47 0.00	134.34 -2.31 7.83	245.23 -3.07 5.38	130.57 -1.24 11.24	134.62 -2.09 0.00	141.65 -2.32 3.37	142.99 -2.05 0.00	158.23 -1.73 0.00
BROWNSV1_27_KV_LOAD 356125	84.06 5.34 -8.10	56.54 3.72 -0.67	50.83 3.26 0.00	50.53 3.20 0.00	69.82 4.37 0.00	59.22 3.47 -5.72	90.96 5.04 -11.42	73.13 4.26 -6.73	58.03 3.96 0.00	67.30 4.52 0.00	140.13 10.77 0.00	151.25 11.83 0.00	146.35 11.92 0.00	145.72 11.54 0.00	137.47 11.21 0.00	133.23 10.77 0.00	140.11 11.13 0.00	157.11 12.63 0.00	274.95 21.28 0.00	155.71 12.66 0.00	148.90 12.19 0.00	160.42 13.07 0.00	157.85 12.80 0.00	173.26 13.30 0.00
BURROWS___LYONSDAL 23803	71.17 0.54 0.00	52.43 0.28 0.00	47.84 0.27 0.00	47.51 0.18 0.00	65.74 0.29 0.00	50.41 0.39 0.00	75.23 0.74 0.00	62.90 0.76 0.00	54.65 0.80 0.22	64.11 1.33 0.00	128.79 3.10 3.67	138.74 2.65 3.34	130.28 2.41 6.57	134.04 3.39 3.53	126.24 3.15 3.16	119.20 2.09 5.35	132.52 3.54 0.00	145.70 2.83 1.61	259.06 6.49 1.11	144.77 4.03 2.31	139.25 2.54 0.00	148.40 1.74 0.69	146.59 1.55 0.00	161.59 1.63 0.00
CAITHNESS_CC_1 323624	84.94 6.23 -8.09	57.09 4.27 -0.67	51.33 3.75 0.00	51.05 3.72 0.00	70.67 5.22 0.00	59.86 4.11 -5.72	91.73 5.82 -11.42	73.80 4.93 -6.73	58.38 4.31 0.00	67.79 5.01 0.00	140.42 11.06 0.00	151.49 12.07 0.00	146.32 11.88 0.00	144.86 10.67 0.00	136.97 10.71 0.00	143.59 11.11 -10.02	150.51 12.20 -9.33	173.59 14.14 -14.98	287.27 21.30 -12.29	258.73 13.78 -101.90	203.62 13.68 -53.23	263.87 14.27 -102.26	220.33 13.95 -61.34	172.21 12.25 0.00
CALPINE BETH_PAGE_GT4 24209	84.07 5.34 -8.09	56.48 3.66 -0.67	50.81 3.24 0.00	50.51 3.18 0.00	69.85 4.41 0.00	59.21 3.46 -5.72	90.88 4.96 -11.42	73.04 4.18 -6.73	57.77 3.70 0.00	67.08 4.31 0.00	139.33 9.97 0.00	150.30 10.87 0.00	145.40 10.96 0.00	144.52 10.34 0.00	136.60 10.34 0.00	143.01 10.53 -10.02	149.44 11.13 -9.33	157.05 12.54 -0.03	273.36 19.68 0.00	156.78 12.44 -1.29	168.63 12.33 -19.59	160.86 12.89 -0.62	158.16 12.48 -0.63	171.49 11.53 0.00
CALPINE_BETH_PAGE_GT_4 323586	84.07 5.34 -8.09	56.48 3.66 -0.67	50.80 3.23 0.00	50.51 3.18 0.00	69.85 4.41 0.00	59.21 3.46 -5.72	90.88 4.96 -11.42	73.05 4.18 -6.73	57.77 3.70 0.00	67.09 4.31 0.00	139.34 9.98 0.00	150.29 10.87 0.00	145.40 10.96 0.00	144.53 10.35 0.00	136.61 10.35 0.00	143.02 10.55 -10.02	149.42 11.10 -9.33	157.04 12.53 -0.03	273.36 19.69 0.00	156.78 12.44 -1.29	168.63 12.34 -19.59	160.86 12.89 -0.62	158.15 12.47 -0.63	171.49 11.53 0.00
CALPINE_BP_GT1 23823	84.07 5.34 -8.09	56.48 3.66 -0.67	50.80 3.23 0.00	50.51 3.18 0.00	69.85 4.41 0.00	59.21 3.46 -5.72	90.88 4.96 -11.42	73.05 4.18 -6.73	57.77 3.70 0.00	67.09 4.31 0.00	139.34 9.98 0.00	150.29 10.87 0.00	145.40 10.96 0.00	144.53 10.35 0.00	136.61 10.35 0.00	143.02 10.55 -10.02	149.42 11.10 -9.33	157.04 12.53 -0.03	273.36 19.69 0.00	156.78 12.44 -1.29	168.63 12.34 -19.59	160.86 12.89 -0.62	158.15 12.47 -0.63	171.49 11.53 0.00
CALSPAN___DRP 24200	66.38 -5.74 -1.50	47.76 -4.39 0.00	43.29 -4.28 0.00	43.20 -4.13 0.00	59.95 -5.50 0.00	45.97 -4.06 0.00	68.14 -6.35 0.00	56.77 -5.37 0.00	49.56 -4.52 0.00	57.82 -4.96 0.00	109.09 -13.60 6.67	125.15 -14.27 0.00	120.62 -13.81 0.00	121.30 -12.88 0.00	114.02 -12.24 0.00	110.38 -12.08 0.00	117.04 -11.94 0.00	131.00 -13.48 0.00	234.33 -19.35 0.00	131.05 -12.00 0.00	125.11 -11.60 0.00	131.90 -15.44 0.00	130.80 -14.24 0.00	145.82 -14.15 0.00

CALVERTON___SOLAR 323806	85.43 6.71 -8.09	57.45 4.62 -0.67	51.65 4.08 0.00	51.37 4.04 0.00	71.14 5.69 0.00	60.24 4.49 -5.72	92.33 6.41 -11.42	74.30 5.43 -6.73	58.77 4.70 0.00	68.22 5.44 0.00	141.20 11.84 0.00	152.32 12.89 0.00	147.00 12.56 0.00	145.21 11.03 0.00	137.25 10.99 0.00	143.92 11.44 -10.02	151.04 12.73 -9.33	174.34 14.90 -14.97	288.41 22.45 -12.28	259.49 14.61 -101.83	204.34 14.42 -53.21	264.53 15.00 -102.19	221.03 14.68 -61.30	173.02 13.06 0.00
CANDIGU_WT_PWR 323617	69.05 -3.73 -2.15	49.00 -3.35 -0.21	44.21 -3.36 0.00	44.13 -3.20 0.00	61.16 -4.29 0.00	48.60 -3.17 -1.75	73.04 -4.94 -3.49	60.14 -4.05 -2.06	50.78 -3.28 0.00	59.16 -3.62 0.00	104.68 -10.15 14.53	131.29 -8.13 0.00	126.80 -7.64 0.00	126.92 -7.26 0.00	119.51 -6.76 0.00	115.72 -6.74 0.00	122.96 -6.02 0.00	138.07 -6.41 0.00	244.40 -9.27 0.00	137.54 -5.52 0.00	130.41 -6.30 0.00	139.18 -8.16 0.00	137.63 -7.41 0.00	152.08 -7.88 0.00
CARR STREET_E__SYR 24060	68.52 -2.11 0.00	50.52 -1.63 0.00	46.17 -1.40 0.00	45.96 -1.36 0.00	63.40 -2.04 0.00	48.55 -1.48 0.00	72.31 -2.18 0.00	60.37 -1.76 0.00	52.64 -1.43 0.00	61.20 -1.58 0.00	125.47 -3.90 0.00	135.16 -4.26 0.00	130.12 -4.31 0.00	130.11 -4.07 0.00	122.49 -3.78 0.00	118.73 -3.73 0.00	125.43 -3.55 0.00	140.87 -3.61 0.00	248.27 -5.41 0.00	139.84 -3.21 0.00	133.36 -3.35 0.00	142.80 -4.54 0.00	140.50 -4.54 0.00	154.99 -4.97 0.00
CARTHAGE___PAPER 23857	70.90 0.27 0.00	52.13 -0.02 0.00	47.59 0.02 0.00	47.20 -0.12 0.00	65.32 -0.13 0.00	50.17 0.14 0.00	74.96 0.46 0.00	62.79 0.65 0.00	54.29 0.68 0.46	63.82 1.04 0.00	123.76 2.12 7.72	133.43 1.03 7.02	121.07 0.43 13.80	128.26 1.49 7.41	120.91 1.38 6.73	111.59 0.37 11.24	131.33 2.36 0.00	143.59 2.50 3.38	258.10 6.75 2.33	142.39 4.20 4.86	139.28 2.57 0.00	147.46 1.57 1.46	146.46 1.41 0.00	161.37 1.41 0.00
CASSADAGA_WT_PWR 323784	66.57 -5.80 -1.74	47.80 -4.51 -0.17	43.29 -4.28 0.00	43.18 -4.14 0.00	59.96 -5.49 0.00	47.58 -3.86 -1.42	71.34 -5.99 -2.83	58.94 -4.86 -1.67	50.22 -3.84 0.00	58.55 -4.23 0.00	110.31 -11.93 7.12	127.17 -12.25 0.00	122.44 -12.00 0.00	123.09 -11.09 0.00	115.66 -10.60 0.00	111.75 -10.71 0.00	118.68 -10.30 0.00	133.15 -11.33 0.00	237.24 -16.43 0.00	133.09 -9.96 0.00	127.18 -9.53 0.00	134.10 -13.24 0.00	132.84 -12.21 0.00	147.73 -12.24 0.00
CE_DUNWOOD___DRP 24194	83.06 4.35 -8.08	55.84 3.02 -0.67	50.23 2.66 0.00	49.93 2.60 0.00	69.00 3.56 0.00	58.60 2.86 -5.71	90.04 4.14 -11.40	72.34 3.49 -6.72	57.31 3.24 0.00	66.47 3.69 0.00	138.10 8.74 0.00	148.94 9.52 0.00	143.99 9.55 0.00	143.44 9.26 0.00	135.26 9.00 0.00	131.20 8.74 0.00	137.97 9.00 0.00	154.78 10.30 0.00	270.86 17.18 0.00	153.32 10.27 0.00	146.61 9.90 0.00	157.89 10.55 0.00	155.38 10.34 0.00	170.67 10.71 0.00
CE_MILLWOOD___DRP 24193	82.89 4.22 -8.05	55.76 2.94 -0.67	50.14 2.57 0.00	49.85 2.52 0.00	68.88 3.43 0.00	58.48 2.76 -5.69	89.86 4.00 -11.36	72.20 3.37 -6.69	57.21 3.14 0.00	66.34 3.56 0.00	137.74 8.38 0.00	148.58 9.15 0.00	143.65 9.22 0.00	143.06 8.88 0.00	134.91 8.65 0.00	130.84 8.38 0.00	137.62 8.64 0.00	154.40 9.92 0.00	270.30 16.62 0.00	152.98 9.93 0.00	146.28 9.57 0.00	157.52 10.17 0.00	155.01 9.96 0.00	170.29 10.33 0.00
CE_NYC2_DRP 24202	83.56 4.83 -8.10	56.16 3.34 -0.67	50.48 2.90 0.00	50.19 2.86 0.00	69.38 3.94 0.00	58.84 3.09 -5.72	90.38 4.46 -11.42	72.65 3.78 -6.73	57.65 3.58 0.00	66.80 4.02 0.00	139.33 9.97 0.00	150.26 10.84 0.00	145.41 10.97 0.00	144.70 10.52 0.00	136.47 10.20 0.00	132.17 9.71 0.00	139.01 10.03 0.00	176.62 11.25 -20.89	294.42 18.60 -22.14	180.76 11.28 -26.42	147.74 11.03 0.00	159.29 11.94 0.00	156.73 11.68 0.00	171.97 12.00 0.00
CE_NYC_DRP 24195	83.42 4.70 -8.10	56.08 3.26 -0.67	50.42 2.85 0.00	50.12 2.79 0.00	69.26 3.81 0.00	58.78 3.03 -5.72	90.23 4.31 -11.42	72.49 3.63 -6.73	57.50 3.43 0.00	66.65 3.87 0.00	138.83 9.47 0.00	149.85 10.43 0.00	145.02 10.58 0.00	144.37 10.18 0.00	136.18 9.91 0.00	132.00 9.55 0.00	138.75 9.77 0.00	155.55 11.07 0.00	272.11 18.43 0.00	154.07 11.02 0.00	147.36 10.65 0.00	158.79 11.44 0.00	156.28 11.24 0.00	171.53 11.56 0.00
CHAFFEE___LFGE 323603	67.17 -5.00 -1.54	48.28 -3.87 0.00	43.78 -3.79 0.00	43.67 -3.66 0.00	60.61 -4.84 0.00	46.52 -3.51 0.00	68.90 -5.60 0.00	57.45 -4.68 0.00	50.20 -3.87 0.00	58.56 -4.22 0.00	110.40 -12.05 6.90	126.72 -12.70 0.00	122.12 -12.31 0.00	122.85 -11.33 0.00	115.45 -10.82 0.00	111.65 -10.81 0.00	118.54 -10.44 0.00	132.65 -11.83 0.00	237.30 -16.38 0.00	132.63 -10.42 0.00	126.61 -10.10 0.00	133.46 -13.88 0.00	132.32 -12.73 0.00	147.30 -12.67 0.00
CHATEAUG_35_KV_LOAD 355732	69.05 -1.58 0.00	50.54 -1.61 0.00	45.95 -1.62 0.00	45.74 -1.59 0.00	63.32 -2.13 0.00	53.07 -1.69 -4.72	81.70 -2.40 -9.60	68.70 -1.84 -8.41	56.71 -1.75 -4.40	69.15 -2.08 -8.44	100.41 -4.22 24.74	116.60 -4.83 17.99	79.35 -5.01 50.08	109.26 -5.15 19.76	102.33 -4.94 18.99	78.42 -4.54 39.49	139.24 -4.65 -14.90	139.44 -5.38 -0.34	260.32 -9.35 -15.99	130.69 -5.54 6.82	147.20 -5.13 -15.63	147.12 -4.60 -4.38	140.68 -4.37 0.00	155.71 -4.25 0.00
CHATEAUG_WT_PWR 323614	68.87 -1.76 0.00	50.39 -1.76 0.00	45.81 -1.76 0.00	45.61 -1.72 0.00	63.12 -2.33 0.00	2.80 -1.85 45.38	-20.40 -2.65 92.25	-20.78 -2.11 80.81	-11.22 -1.99 63.30	-20.68 -2.33 81.13	9.81 -4.66 114.88	-13.44 -5.23 147.64	-20.25 -5.19 149.49	-19.66 -5.40 148.44	-19.88 -5.22 140.92	-16.28 -4.87 133.87	-19.32 -5.09 143.20	-19.32 -5.96 157.84	-16.71 -10.58 259.81	-19.49 -6.15 156.39	-19.13 -5.69 150.15	33.49 -5.27 108.59	140.15 -4.90 0.00	155.18 -4.78 0.00
CHAT_HIGH_FALL_HYD 323578	69.05 -1.58 0.00	50.54 -1.61 0.00	45.95 -1.62 0.00	45.74 -1.59 0.00	63.32 -2.13 0.00	53.07 -1.69 -4.72	81.70 -2.40 -9.60	68.70 -1.84 -8.41	56.71 -1.75 -4.40	69.15 -2.08 -8.44	100.41 -4.22 24.74	116.60 -4.83 17.99	79.35 -5.01 50.08	109.26 -5.15 19.76	102.33 -4.94 18.99	78.42 -4.54 39.49	139.24 -4.65 -14.90	139.44 -5.38 -0.34	260.32 -9.35 -15.99	130.69 -5.54 6.82	147.20 -5.13 -15.63	147.12 -4.60 -4.38	140.68 -4.37 0.00	155.71 -4.25 0.00
CHAUTAUQUA___LFGE 323629	66.29 -5.88 -1.54	47.54 -4.61 0.00	43.16 -4.41 0.00	43.04 -4.29 0.00	59.79 -5.66 0.00	45.99 -4.04 0.00	68.21 -6.28 0.00	56.91 -5.23 0.00	49.84 -4.23 0.00	58.08 -4.70 0.00	109.29 -13.12 6.95	125.86 -13.56 0.00	121.10 -13.34 0.00	121.79 -12.39 0.00	114.48 -11.78 0.00	110.60 -11.86 0.00	117.70 -11.28 0.00	132.00 -12.48 0.00	235.07 -18.61 0.00	131.93 -11.11 0.00	125.84 -10.87 0.00	132.79 -14.56 0.00	131.46 -13.58 0.00	146.21 -13.76 0.00
CHERRYST_13_KV_LD 356241	83.60 4.87 -8.10	56.20 3.38 -0.67	50.52 2.96 0.00	50.24 2.92 0.00	69.44 3.99 0.00	58.90 3.15 -5.72	90.45 4.53 -11.42	72.68 3.82 -6.73	57.67 3.60 0.00	66.85 4.07 0.00	139.23 9.87 0.00	150.29 10.86 0.00	145.46 11.02 0.00	144.80 10.62 0.00	136.59 10.32 0.00	132.41 9.95 0.00	139.20 10.22 0.00	156.01 11.53 0.00	272.90 19.22 0.00	154.55 11.50 0.00	147.77 11.06 0.00	159.18 11.83 0.00	156.66 11.62 0.00	171.99 12.03 0.00

CHESTROR_138KV_BK263 355645	81.68 3.53 -7.52	55.24 2.46 -0.62	49.72 2.15 0.00	49.44 2.11 0.00	68.33 2.88 0.00	57.65 2.32 -5.30	88.45 3.38 -10.58	71.22 2.86 -6.23	56.73 2.66 0.00	65.77 2.99 0.00	136.31 6.95 0.00	146.97 7.55 0.00	141.93 7.49 0.00	141.37 7.19 0.00	133.24 6.98 0.00	129.24 6.77 0.00	136.07 7.09 0.00	152.71 8.23 0.00	267.61 13.93 0.00	151.37 8.32 0.00	144.68 7.97 0.00	155.80 8.45 0.00	153.27 8.23 0.00	168.56 8.60 0.00
CH_MIDHUDSON___DRP 24192	83.49 4.50 -8.36	56.02 3.16 -0.71	50.33 2.76 0.00	50.05 2.72 0.00	69.18 3.73 0.00	59.07 2.98 -6.06	91.01 4.41 -12.10	72.99 3.73 -7.13	57.52 3.45 0.00	66.74 3.96 0.00	138.29 8.93 0.00	149.10 9.68 0.00	144.07 9.63 0.00	143.55 9.37 0.00	135.32 9.05 0.00	131.20 8.75 0.00	138.12 9.15 0.00	155.07 10.59 0.00	271.74 18.06 0.00	153.74 10.69 0.00	146.88 10.17 0.00	158.11 10.77 0.00	155.46 10.41 0.00	170.88 10.92 0.00
CH_MISC_IPPS 23765	83.65 4.82 -8.20	56.22 3.37 -0.70	50.53 2.96 0.00	50.26 2.94 0.00	69.46 4.01 0.00	59.18 3.23 -5.93	91.10 4.78 -11.83	73.15 4.04 -6.97	57.80 3.73 0.00	67.06 4.28 0.00	138.95 9.59 0.00	149.86 10.43 0.00	144.78 10.34 0.00	144.23 10.05 0.00	135.92 9.66 0.00	131.89 9.43 0.00	138.90 9.92 0.00	156.04 11.56 0.00	273.57 19.89 0.00	154.73 11.68 0.00	147.80 11.09 0.00	159.08 11.73 0.00	156.37 11.33 0.00	171.80 11.84 0.00
CH_RES_BVR_FALLS 23983	69.11 -1.52 0.00	51.07 -1.07 0.00	46.49 -1.08 0.00	46.19 -1.14 0.00	63.98 -1.47 0.00	48.84 -1.19 0.00	72.81 -1.68 0.00	60.71 -1.42 0.00	49.60 -1.36 3.11	61.15 -1.62 0.00	74.16 -3.13 52.06	88.73 -3.37 47.32	38.01 -3.31 93.12	81.07 -3.15 49.96	75.50 -3.24 47.52	43.46 -3.19 75.80	125.59 -3.38 0.00	117.58 -4.08 22.82	230.54 -7.45 15.69	105.97 -4.31 32.77	132.71 -3.99 0.01	133.79 -3.73 9.83	141.37 -3.67 0.00	156.05 -3.91 0.00
CH_RES_NIAGARA 23895	63.43 -8.59 -1.38	45.84 -6.31 0.00	41.60 -5.97 0.00	41.46 -5.87 0.00	57.57 -7.87 0.00	44.05 -5.97 0.00	65.28 -9.22 0.00	54.25 -7.89 0.00	47.36 -6.71 0.00	55.26 -7.52 0.00	104.88 -18.79 5.69	118.41 -21.01 0.00	114.12 -20.31 0.00	114.80 -19.38 0.00	107.86 -18.40 0.00	104.48 -17.97 0.00	110.83 -18.15 0.00	123.86 -20.62 0.00	222.17 -31.51 0.00	123.97 -19.09 0.00	118.47 -18.24 0.00	124.75 -22.60 0.00	123.88 -21.16 0.00	138.57 -21.39 0.00
CH_RES_SYRACUSE 23985	70.40 -1.18 -0.95	51.20 -0.95 0.00	46.79 -0.78 0.00	46.58 -0.75 0.00	64.26 -1.19 0.00	49.21 -0.82 0.00	73.27 -1.22 0.00	61.19 -0.94 0.00	53.36 -0.71 0.00	62.02 -0.76 0.00	127.09 -2.27 0.00	136.89 -2.53 0.00	131.78 -2.65 0.00	131.74 -2.45 0.00	124.02 -2.24 0.00	120.28 -2.18 0.00	127.24 -1.73 0.00	142.89 -1.59 0.00	252.06 -1.62 0.00	141.92 -1.14 0.00	135.23 -1.47 0.00	144.82 -2.52 0.00	142.45 -2.59 0.00	157.07 -2.89 0.00
CLINTON_WT_PWR 323605	68.87 -1.76 0.00	50.39 -1.76 0.00	45.81 -1.76 0.00	45.61 -1.72 0.00	63.12 -2.33 0.00	2.80 -1.85 45.38	-20.40 -2.65 92.25	-20.78 -2.11 80.81	-11.22 -1.99 63.30	-20.68 -2.33 81.13	9.81 -4.66 114.88	-13.44 -5.23 147.64	-20.25 -5.19 149.49	-19.66 -5.40 148.44	-19.88 -5.22 140.92	-16.28 -4.87 133.87	-19.32 -5.09 143.20	-19.32 -5.96 157.84	-16.71 -10.58 259.81	-19.49 -6.15 156.39	-19.13 -5.69 150.15	33.49 -5.27 108.59	140.15 -4.90 0.00	155.18 -4.78 0.00
CLINTON___LFGE 323618	70.06 -0.56 0.00	51.23 -0.92 0.00	46.52 -1.05 0.00	46.38 -0.95 0.00	64.11 -1.34 0.00	82.64 -1.16 -33.77	141.60 -1.55 -68.65	121.12 -1.16 -60.14	96.54 -1.12 -43.59	121.86 -1.29 -60.37	153.45 -2.56 -26.64	192.78 -3.02 -56.38	137.23 -3.20 -5.99	184.75 -3.43 -53.99	173.84 -3.36 -50.92	133.45 -2.96 -13.94	232.51 -3.04 -106.57	232.68 -3.47 -91.67	423.42 -5.89 -175.63	218.74 -3.65 -79.34	245.06 -3.38 -111.73	214.24 -2.81 -69.71	142.62 -2.43 0.00	158.29 -1.67 0.00
COBBLENY_34_KV_TB1 80064	67.15 -5.03 -1.54	48.28 -3.87 0.00	43.77 -3.80 0.00	43.67 -3.66 0.00	60.61 -4.84 0.00	46.51 -3.52 0.00	68.89 -5.60 0.00	57.45 -4.69 0.00	50.19 -3.88 0.00	58.55 -4.23 0.00	110.37 -12.08 6.90	126.74 -12.68 0.00	122.13 -12.30 0.00	122.88 -11.30 0.00	115.48 -10.79 0.00	111.72 -10.74 0.00	118.47 -10.51 0.00	132.65 -11.83 0.00	237.15 -16.52 0.00	132.64 -10.42 0.00	126.61 -10.10 0.00	133.46 -13.88 0.00	132.29 -12.76 0.00	147.28 -12.68 0.00
COFFEEN___115KV_TB3 355620	71.24 0.61 0.00	52.34 0.19 0.00	47.80 0.23 0.00	47.45 0.12 0.00	65.68 0.23 0.00	50.47 0.44 0.00	75.44 0.94 0.00	63.26 1.13 0.00	54.81 1.13 0.39	64.13 1.35 0.00	125.07 2.17 6.45	134.34 0.78 5.87	122.79 -0.10 11.54	128.88 0.89 6.19	121.54 0.90 5.62	113.32 0.26 9.40	131.51 2.53 0.00	145.68 4.03 2.83	261.97 10.24 1.95	145.00 6.01 4.06	141.18 4.47 0.00	149.47 3.34 1.22	147.98 2.93 0.00	162.75 2.79 0.00
COLDSPRG_115KV_BK1 355956	69.01 -3.42 -1.80	49.63 -2.69 -0.17	44.93 -2.64 0.00	44.83 -2.50 0.00	62.20 -3.24 0.00	49.24 -2.25 -1.46	73.72 -3.69 -2.92	60.86 -2.99 -1.72	51.70 -2.37 0.00	60.29 -2.49 0.00	114.13 -7.83 7.40	131.61 -7.81 0.00	126.92 -7.52 0.00	127.54 -6.64 0.00	119.84 -6.43 0.00	115.74 -6.72 0.00	122.33 -6.65 0.00	137.26 -7.22 0.00	244.34 -9.33 0.00	137.07 -5.98 0.00	130.78 -5.93 0.00	138.25 -9.10 0.00	137.32 -7.72 0.00	152.68 -7.29 0.00
COLONIE_LFGE___ 323577	108.15 4.26 -33.26	61.19 3.06 -5.97	50.28 2.71 0.00	50.05 2.72 0.00	69.18 3.73 0.00	103.68 2.84 -50.81	180.03 4.13 -101.41	125.29 3.40 -59.76	57.01 2.95 0.00	66.14 3.36 0.00	136.52 7.16 0.00	147.18 7.76 0.00	141.92 7.49 0.00	141.68 7.50 0.00	133.41 7.15 0.00	129.43 6.97 0.00	135.76 6.77 0.00	152.57 8.09 0.00	267.64 13.96 0.00	150.91 7.86 0.00	144.18 7.47 0.00	155.27 7.92 0.00	152.70 7.65 0.00	168.85 8.89 0.00
COOPERNY_115KV_TB1 80082	79.36 2.54 -6.19	54.44 1.78 -0.52	49.10 1.54 0.00	48.85 1.52 0.00	67.49 2.05 0.00	56.09 1.67 -4.40	85.69 2.41 -8.78	69.35 2.04 -5.18	56.00 1.93 0.00	64.96 2.18 0.00	134.35 4.99 0.00	144.86 5.44 0.00	139.84 5.41 0.00	139.41 5.23 0.00	131.37 5.10 0.00	127.40 4.94 0.00	134.17 5.19 0.00	150.50 6.02 0.00	263.84 10.17 0.00	149.13 6.08 0.00	142.53 5.82 0.00	153.43 6.08 0.00	151.02 5.97 0.00	166.17 6.21 0.00
COPENHAGEN_WT_PWR 323753	69.68 -0.95 0.00	51.18 -0.96 0.00	46.76 -0.80 0.00	46.38 -0.95 0.00	64.17 -1.28 0.00	49.26 -0.76 0.00	73.60 -0.89 0.00	61.68 -0.45 0.00	53.46 -0.24 0.37	62.60 -0.17 0.00	122.53 -0.72 6.12	131.80 -2.07 5.56	120.77 -2.73 10.94	126.62 -1.69 5.87	119.45 -1.48 5.33	111.37 -2.18 8.91	128.58 -0.40 0.00	142.06 0.26 2.68	254.96 3.12 1.84	141.21 2.01 3.85	137.41 0.71 0.00	145.55 -0.64 1.15	144.22 -0.83 0.00	158.72 -1.25 0.00
CORNELL_____ 23752	73.17 0.26 -2.28	52.41 0.03 -0.23	47.64 0.07 0.00	47.45 0.12 0.00	65.55 0.10 0.00	52.22 0.26 -1.93	78.81 0.46 -3.85	64.93 0.52 -2.28	54.64 0.58 0.00	63.35 0.57 0.00	156.72 0.03 -27.33	139.07 -0.36 0.00	133.80 -0.64 0.00	133.75 -0.44 0.00	125.96 -0.30 0.00	122.30 -0.16 0.00	129.83 0.84 0.00	146.29 1.81 0.00	258.37 4.70 0.00	145.58 2.53 0.00	138.63 1.92 0.00	148.25 0.90 0.00	145.72 0.68 0.00	160.67 0.71 0.00

CORONA__KV_TB1 355595	84.36 5.64 -8.09	56.73 3.90 -0.67	50.98 3.41 0.00	50.68 3.35 0.00	70.08 4.63 0.00	59.40 3.65 -5.72	91.20 5.28 -11.42	73.30 4.43 -6.73	58.03 3.97 0.00	67.40 4.62 0.00	140.11 10.75 0.00	151.20 11.78 0.00	146.22 11.78 0.00	145.47 11.29 0.00	137.44 11.17 0.00	143.65 11.17 -10.02	149.87 11.55 -9.33	157.54 13.02 -0.03	274.71 21.03 0.00	157.31 12.97 -1.29	168.96 12.66 -19.59	161.45 13.48 -0.62	158.78 13.11 -0.63	172.59 12.63 0.00
CORTLAND_115KV_TB3 80093	72.25 -0.15 -1.77	52.08 -0.24 -0.17	47.39 -0.17 0.00	47.19 -0.14 0.00	65.20 -0.25 0.00	51.40 -0.07 -1.45	77.36 -0.04 -2.90	63.91 0.07 -1.71	54.26 0.19 0.00	62.99 0.21 0.00	136.28 -0.32 -7.25	138.93 -0.50 0.00	133.70 -0.74 0.00	133.75 -0.43 0.00	125.96 -0.30 0.00	122.21 -0.25 0.00	129.29 0.31 0.00	145.30 0.82 0.00	255.98 2.30 0.00	144.29 1.23 0.00	137.51 0.81 0.00	147.25 -0.09 0.00	144.83 -0.22 0.00	159.66 -0.30 0.00
COXSACKIE__GT 23611	94.62 6.46 -17.54	59.44 4.71 -2.58	51.80 4.23 0.00	51.57 4.24 0.00	71.38 5.93 0.00	76.55 4.56 -21.95	125.12 6.80 -43.82	93.55 5.59 -25.82	59.13 5.07 0.00	68.65 5.87 0.00	141.28 11.92 0.00	152.23 12.80 0.00	146.19 11.75 0.00	145.86 11.68 0.00	137.06 10.80 0.00	132.44 9.98 0.00	139.68 10.71 0.00	158.20 13.72 0.00	278.42 24.74 0.00	156.66 13.61 0.00	149.22 12.51 0.00	160.30 12.95 0.00	157.59 12.54 0.00	174.88 14.92 0.00
CPV_VALLEY__CC1 323721	80.55 2.90 -7.02	54.75 2.02 -0.58	49.32 1.76 0.00	49.06 1.73 0.00	67.76 2.32 0.00	56.83 1.88 -4.92	87.03 2.71 -9.83	70.22 2.30 -5.79	56.24 2.17 0.00	65.20 2.43 0.00	135.09 5.73 0.00	145.64 6.22 0.00	140.69 6.25 0.00	140.18 5.99 0.00	132.11 5.85 0.00	128.15 5.69 0.00	134.85 5.87 0.00	151.29 6.81 0.00	265.08 11.40 0.00	149.91 6.86 0.00	143.29 6.58 0.00	154.32 6.98 0.00	151.85 6.81 0.00	167.03 7.06 0.00
CPV_VALLEY__CC2 323722	80.55 2.90 -7.02	54.75 2.02 -0.58	49.32 1.76 0.00	49.06 1.73 0.00	67.76 2.32 0.00	56.83 1.88 -4.92	87.03 2.71 -9.83	70.22 2.30 -5.79	56.24 2.17 0.00	65.20 2.43 0.00	135.09 5.73 0.00	145.64 6.22 0.00	140.69 6.25 0.00	140.18 5.99 0.00	132.11 5.85 0.00	128.15 5.69 0.00	134.85 5.87 0.00	151.29 6.81 0.00	265.08 11.40 0.00	149.91 6.86 0.00	143.29 6.58 0.00	154.32 6.98 0.00	151.85 6.81 0.00	167.03 7.06 0.00
CRESCENT__HYD 24018	108.15 4.26 -33.26	61.19 3.06 -5.97	50.28 2.71 0.00	50.05 2.72 0.00	69.18 3.73 0.00	103.68 2.84 -50.81	180.03 4.13 -101.41	125.29 3.40 -59.76	57.01 2.95 0.00	66.14 3.36 0.00	136.52 7.16 0.00	147.18 7.76 0.00	141.92 7.49 0.00	141.68 7.50 0.00	133.41 7.15 0.00	129.43 6.97 0.00	135.76 6.77 0.00	152.57 8.09 0.00	267.64 13.96 0.00	150.91 7.86 0.00	144.18 7.47 0.00	155.27 7.92 0.00	152.70 7.65 0.00	168.85 8.89 0.00
CRICKET__VALLEY_CC1 323756	83.72 4.11 -8.99	55.82 2.85 -0.81	50.07 2.50 0.00	49.78 2.45 0.00	68.81 3.36 0.00	59.65 2.69 -6.93	92.29 3.95 -13.84	73.59 3.30 -8.16	57.17 3.10 0.00	66.35 3.57 0.00	137.31 7.95 0.00	147.95 8.53 0.00	142.93 8.49 0.00	142.56 8.38 0.00	134.39 8.13 0.00	130.32 7.86 0.00	137.03 8.05 0.00	153.79 9.31 0.00	269.26 15.58 0.00	152.49 9.44 0.00	145.59 8.88 0.00	156.80 9.45 0.00	154.18 9.14 0.00	169.69 9.73 0.00
CRICKET__VALLEY_CC2 323757	83.72 4.11 -8.99	55.82 2.85 -0.81	50.07 2.50 0.00	49.78 2.45 0.00	68.81 3.36 0.00	59.65 2.69 -6.93	92.29 3.95 -13.84	73.59 3.30 -8.16	57.17 3.10 0.00	66.35 3.57 0.00	137.31 7.95 0.00	147.95 8.53 0.00	142.93 8.49 0.00	142.56 8.38 0.00	134.39 8.13 0.00	130.32 7.86 0.00	137.03 8.05 0.00	153.79 9.31 0.00	269.26 15.58 0.00	152.49 9.44 0.00	145.59 8.88 0.00	156.80 9.45 0.00	154.18 9.14 0.00	169.69 9.73 0.00
CRICKET__VALLEY_CC3 323758	83.72 4.11 -8.99	55.82 2.85 -0.81	50.07 2.50 0.00	49.78 2.45 0.00	68.81 3.36 0.00	59.65 2.69 -6.93	92.29 3.95 -13.84	73.59 3.30 -8.16	57.17 3.10 0.00	66.35 3.57 0.00	137.31 7.95 0.00	147.95 8.53 0.00	142.93 8.49 0.00	142.56 8.38 0.00	134.39 8.13 0.00	130.32 7.86 0.00	137.03 8.05 0.00	153.79 9.31 0.00	269.26 15.58 0.00	152.49 9.44 0.00	145.59 8.88 0.00	156.80 9.45 0.00	154.18 9.14 0.00	169.69 9.73 0.00
CRUCIBLE_METL_DRP 24180	70.39 -1.19 -0.95	51.21 -0.95 0.00	46.79 -0.78 0.00	46.58 -0.75 0.00	64.26 -1.19 0.00	49.21 -0.82 0.00	73.28 -1.22 0.00	61.19 -0.94 0.00	53.36 -0.71 0.00	62.02 -0.76 0.00	127.12 -2.25 0.00	136.90 -2.52 0.00	131.78 -2.65 0.00	131.73 -2.45 0.00	124.03 -2.23 0.00	120.29 -2.16 0.00	127.23 -1.74 0.00	142.89 -1.59 0.00	252.05 -1.63 0.00	141.92 -1.12 0.00	135.23 -1.47 0.00	144.81 -2.54 0.00	142.43 -2.61 0.00	157.07 -2.89 0.00
DAHOWA__HYDRO 323763	114.85 6.01 -38.21	63.51 4.30 -7.05	51.42 3.85 0.00	51.21 3.88 0.00	70.80 5.36 0.00	114.21 4.19 -59.99	200.55 6.30 -119.75	137.97 5.27 -70.57	58.68 4.61 0.00	68.05 5.27 0.00	140.35 10.99 0.00	151.23 11.80 0.00	145.67 11.24 0.00	145.56 11.38 0.00	136.85 10.58 0.00	132.99 10.53 0.00	140.00 11.02 0.00	157.51 13.03 0.00	276.44 22.76 0.00	155.74 12.69 0.00	148.59 11.88 0.00	159.67 12.32 0.00	156.76 11.72 0.00	173.12 13.16 0.00
DANC__LFGE 323619	69.61 -1.02 0.00	51.21 -0.93 0.00	46.78 -0.79 0.00	46.47 -0.86 0.00	64.22 -1.22 0.00	49.24 -0.79 0.00	73.44 -1.06 0.00	61.49 -0.65 0.00	53.44 -0.38 0.25	62.45 -0.33 0.00	124.05 -1.04 4.27	133.55 -2.00 3.88	124.32 -2.48 7.63	128.39 -1.69 4.10	121.06 -1.49 3.71	114.31 -1.94 6.21	128.20 -0.78 0.00	142.37 -0.24 1.87	254.20 1.80 1.29	141.40 1.03 2.69	136.80 0.09 0.00	145.34 -1.20 0.81	143.83 -1.21 0.00	158.39 -1.58 0.00
DANSKAMMER__1 23586	83.65 4.82 -8.20	56.22 3.37 -0.70	50.53 2.96 0.00	50.26 2.94 0.00	69.46 4.01 0.00	59.18 3.23 -5.93	91.10 4.78 -11.83	73.15 4.04 -6.97	57.80 3.73 0.00	67.06 4.28 0.00	138.95 9.59 0.00	149.86 10.43 0.00	144.78 10.34 0.00	144.23 10.05 0.00	135.92 9.66 0.00	131.89 9.43 0.00	138.90 9.92 0.00	156.04 11.56 0.00	273.57 19.89 0.00	154.73 11.68 0.00	147.80 11.09 0.00	159.08 11.73 0.00	156.37 11.33 0.00	171.80 11.84 0.00
DANSKAMMER__2 23589	83.65 4.82 -8.20	56.22 3.37 -0.70	50.53 2.96 0.00	50.26 2.94 0.00	69.46 4.01 0.00	59.18 3.23 -5.93	91.10 4.78 -11.83	73.15 4.04 -6.97	57.80 3.73 0.00	67.06 4.28 0.00	138.95 9.59 0.00	149.86 10.43 0.00	144.78 10.34 0.00	144.23 10.05 0.00	135.92 9.66 0.00	131.89 9.43 0.00	138.90 9.92 0.00	156.04 11.56 0.00	273.57 19.89 0.00	154.73 11.68 0.00	147.80 11.09 0.00	159.08 11.73 0.00	156.37 11.33 0.00	171.80 11.84 0.00
DANSKAMMER__3 23590	83.65 4.82 -8.20	56.22 3.37 -0.70	50.53 2.96 0.00	50.26 2.94 0.00	69.46 4.01 0.00	59.18 3.23 -5.93	91.10 4.78 -11.83	73.15 4.04 -6.97	57.80 3.73 0.00	67.06 4.28 0.00	138.95 9.59 0.00	149.86 10.43 0.00	144.78 10.34 0.00	144.23 10.05 0.00	135.92 9.66 0.00	131.89 9.43 0.00	138.90 9.92 0.00	156.04 11.56 0.00	273.57 19.89 0.00	154.73 11.68 0.00	147.80 11.09 0.00	159.08 11.73 0.00	156.37 11.33 0.00	171.80 11.84 0.00

DANSKAMMER___4 23591	83.65 4.82 -8.20	56.22 3.37 -0.70	50.53 2.96 0.00	50.26 2.94 0.00	69.46 4.01 0.00	59.18 3.23 -5.93	91.10 4.78 -11.83	73.15 4.04 -6.97	57.80 3.73 0.00	67.06 4.28 0.00	138.95 9.59 0.00	149.86 10.43 0.00	144.78 10.34 0.00	144.23 10.05 0.00	135.92 9.66 0.00	131.89 9.43 0.00	138.90 9.92 0.00	156.04 11.56 0.00	273.57 19.89 0.00	154.73 11.68 0.00	147.80 11.09 0.00	159.08 11.73 0.00	156.37 11.33 0.00	171.80 11.84 0.00
DANSKAMMER___DIESEL 23592	83.65 4.82 -8.20	56.22 3.37 -0.70	50.53 2.96 0.00	50.25 2.93 0.00	69.45 4.01 0.00	59.18 3.23 -5.93	91.11 4.78 -11.83	73.15 4.04 -6.97	57.80 3.73 0.00	67.06 4.28 0.00	138.95 9.59 0.00	149.87 10.44 0.00	144.77 10.34 0.00	144.22 10.04 0.00	135.91 9.65 0.00	131.88 9.42 0.00	138.92 9.94 0.00	156.05 11.57 0.00	273.55 19.87 0.00	154.73 11.68 0.00	147.81 11.10 0.00	159.08 11.73 0.00	156.37 11.33 0.00	171.82 11.85 0.00
DARBY___SOLAR 323810	113.76 5.53 -37.60	63.02 3.94 -6.92	51.11 3.54 0.00	50.88 3.55 0.00	70.36 4.92 0.00	112.74 3.85 -58.86	197.73 5.75 -117.48	136.15 4.78 -69.23	58.27 4.20 0.00	67.56 4.78 0.00	139.36 9.99 0.00	150.16 10.74 0.00	144.68 10.25 0.00	144.53 10.34 0.00	135.90 9.64 0.00	132.03 9.57 0.00	138.95 9.97 0.00	156.28 11.80 0.00	274.22 20.54 0.00	154.52 11.47 0.00	147.49 10.78 0.00	158.55 11.21 0.00	155.75 10.70 0.00	172.00 12.04 0.00
DASHVILLE___HYD 23610	84.96 4.25 -10.08	56.25 3.02 -1.08	50.24 2.67 0.00	49.96 2.63 0.00	69.05 3.60 0.00	62.03 2.81 -9.20	96.94 4.09 -18.36	76.44 3.48 -10.82	57.45 3.38 0.00	66.67 3.89 0.00	138.11 8.75 0.00	148.95 9.53 0.00	143.83 9.40 0.00	143.21 9.03 0.00	134.96 8.69 0.00	131.10 8.64 0.00	138.02 9.04 0.00	155.03 10.54 0.00	271.79 18.11 0.00	153.77 10.71 0.00	146.93 10.22 0.00	158.14 10.80 0.00	155.45 10.40 0.00	170.68 10.72 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	86.67 7.94 -8.09	58.35 5.53 -0.67	52.49 4.92 0.00	52.22 4.89 0.00	72.37 6.93 0.00	61.23 5.48 -5.72	93.90 7.98 -11.42	75.63 6.76 -6.73	59.89 5.82 0.00	69.44 6.66 0.00	143.53 14.16 0.00	154.83 15.40 0.00	148.94 14.51 0.00	145.33 11.15 0.00	136.72 10.46 0.00	143.53 11.05 -10.02	150.90 12.58 -9.33	174.30 14.87 -14.95	287.00 21.05 -12.27	259.69 14.92 -101.72	204.35 14.47 -53.17	264.23 14.81 -102.07	220.93 14.65 -61.23	172.94 12.97 0.00
DELAWARE___LFGE 323621	80.48 2.32 -7.53	54.76 1.60 -1.01	49.00 1.43 0.00	48.76 1.43 0.00	67.41 1.97 0.00	60.14 1.51 -8.61	93.92 2.24 -17.18	74.20 1.94 -10.12	55.90 1.83 0.00	64.92 2.14 0.00	133.76 4.40 0.00	144.18 4.75 0.00	139.02 4.58 0.00	138.73 4.55 0.00	130.69 4.43 0.00	126.75 4.29 0.00	133.76 4.78 0.00	150.04 5.56 0.00	263.51 9.83 0.00	148.76 5.71 0.00	142.05 5.35 0.00	152.74 5.39 0.00	150.33 5.29 0.00	165.53 5.57 0.00
DERFIELD_115KV_TB7 355931	71.37 0.74 0.00	52.67 0.52 0.00	48.04 0.48 0.00	47.80 0.47 0.00	66.05 0.60 0.00	50.47 0.45 0.00	75.15 0.65 0.00	62.64 0.50 0.00	54.67 0.49 -0.11	63.33 0.56 0.00	132.51 1.28 -1.86	142.51 1.40 -1.69	139.23 1.47 -3.33	137.45 1.48 -1.79	129.40 1.42 -1.71	126.49 1.32 -2.71	130.27 1.29 0.00	146.76 1.47 -0.82	256.79 2.55 -0.56	145.76 1.54 -1.17	138.08 1.37 0.00	149.15 1.45 -0.35	146.36 1.32 0.00	161.43 1.47 0.00
DOGLEVILLE___HYD 23807	74.49 3.87 0.00	54.81 2.66 0.00	49.90 2.34 0.00	49.66 2.33 0.00	68.69 3.24 0.00	52.55 2.52 0.00	78.31 3.81 0.00	65.33 3.20 0.00	57.02 2.84 -0.11	65.80 3.02 0.00	137.70 6.48 -1.86	148.13 7.01 -1.69	144.40 6.64 -3.33	142.60 6.63 -1.79	134.48 6.51 -1.71	131.52 6.34 -2.71	135.30 6.32 0.00	153.44 8.14 -0.82	268.01 13.77 -0.56	152.34 8.12 -1.17	144.19 7.48 0.00	155.30 7.60 -0.35	152.49 7.45 0.00	168.56 8.60 0.00
DUNKIRK___115KV_TB_200 55889	66.31 -5.86 -1.54	47.57 -4.58 0.00	43.18 -4.39 0.00	43.07 -4.26 0.00	59.82 -5.63 0.00	45.98 -4.04 0.00	68.21 -6.28 0.00	56.91 -5.23 0.00	49.84 -4.23 0.00	58.05 -4.72 0.00	109.27 -13.16 6.93	125.84 -13.59 0.00	121.05 -13.38 0.00	121.78 -12.40 0.00	114.47 -11.80 0.00	110.62 -11.84 0.00	117.64 -11.34 0.00	131.95 -12.53 0.00	234.88 -18.80 0.00	131.87 -11.18 0.00	125.78 -10.93 0.00	132.72 -14.62 0.00	131.38 -13.66 0.00	146.14 -13.82 0.00
DUNKIRK___1 23563	66.31 -5.86 -1.54	47.57 -4.58 0.00	43.18 -4.39 0.00	43.07 -4.26 0.00	59.82 -5.63 0.00	45.98 -4.04 0.00	68.21 -6.28 0.00	56.91 -5.23 0.00	49.84 -4.23 0.00	58.05 -4.72 0.00	109.27 -13.16 6.93	125.84 -13.59 0.00	121.05 -13.38 0.00	121.78 -12.40 0.00	114.47 -11.80 0.00	110.62 -11.84 0.00	117.64 -11.34 0.00	131.95 -12.53 0.00	234.88 -18.80 0.00	131.87 -11.18 0.00	125.78 -10.93 0.00	132.72 -14.62 0.00	131.38 -13.66 0.00	146.14 -13.82 0.00
DUNKIRK___2 23564	66.31 -5.86 -1.54	47.57 -4.58 0.00	43.18 -4.39 0.00	43.07 -4.26 0.00	59.82 -5.63 0.00	45.98 -4.04 0.00	68.21 -6.28 0.00	56.91 -5.23 0.00	49.84 -4.23 0.00	58.05 -4.72 0.00	109.27 -13.16 6.93	125.84 -13.59 0.00	121.05 -13.38 0.00	121.78 -12.40 0.00	114.47 -11.80 0.00	110.62 -11.84 0.00	117.64 -11.34 0.00	131.95 -12.53 0.00	234.88 -18.80 0.00	131.87 -11.18 0.00	125.78 -10.93 0.00	132.72 -14.62 0.00	131.38 -13.66 0.00	146.14 -13.82 0.00
DUNKIRK___3 23565	66.36 -5.81 -1.53	47.65 -4.49 0.00	43.24 -4.33 0.00	43.12 -4.21 0.00	59.89 -5.56 0.00	45.99 -4.04 0.00	68.19 -6.31 0.00	56.84 -5.30 0.00	49.71 -4.36 0.00	57.92 -4.86 0.00	109.21 -13.26 6.90	125.64 -13.78 0.00	120.96 -13.47 0.00	121.65 -12.53 0.00	114.34 -11.92 0.00	110.52 -11.94 0.00	117.37 -11.61 0.00	131.56 -12.92 0.00	234.34 -19.34 0.00	131.52 -11.53 0.00	125.42 -11.28 0.00	132.48 -14.87 0.00	131.24 -13.80 0.00	146.04 -13.92 0.00
DUNKIRK___4 23566	66.36 -5.81 -1.53	47.65 -4.49 0.00	43.24 -4.33 0.00	43.12 -4.21 0.00	59.89 -5.56 0.00	45.99 -4.04 0.00	68.19 -6.31 0.00	56.84 -5.30 0.00	49.71 -4.36 0.00	57.92 -4.86 0.00	109.21 -13.26 6.90	125.64 -13.78 0.00	120.96 -13.47 0.00	121.65 -12.53 0.00	114.34 -11.92 0.00	110.52 -11.94 0.00	117.37 -11.61 0.00	131.56 -12.92 0.00	234.34 -19.34 0.00	131.52 -11.53 0.00	125.42 -11.28 0.00	132.48 -14.87 0.00	131.24 -13.80 0.00	146.04 -13.92 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	83.22 4.49 -8.10	55.94 3.12 -0.67	50.29 2.72 0.00	50.01 2.68 0.00	69.11 3.67 0.00	58.71 2.96 -5.72	90.18 4.27 -11.42	72.47 3.60 -6.73	57.42 3.35 0.00	66.59 3.81 0.00	138.40 9.04 0.00	149.34 9.92 0.00	144.40 9.97 0.00	143.85 9.67 0.00	135.67 9.41 0.00	131.56 9.10 0.00	138.36 9.38 0.00	155.18 10.71 0.00	271.52 17.84 0.00	153.74 10.69 0.00	147.02 10.31 0.00	158.33 10.98 0.00	155.83 10.78 0.00	171.14 11.17 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	82.70 4.11 -7.96	55.71 2.88 -0.68	50.10 2.53 0.00	49.81 2.49 0.00	68.85 3.40 0.00	58.50 2.73 -5.74	89.99 4.03 -11.47	72.30 3.40 -6.76	57.23 3.16 0.00	66.38 3.60 0.00	137.57 8.21 0.00	148.33 8.91 0.00	143.26 8.82 0.00	142.71 8.53 0.00	134.49 8.23 0.00	130.48 8.02 0.00	137.39 8.41 0.00	154.33 9.84 0.00	270.53 16.85 0.00	152.99 9.94 0.00	146.19 9.49 0.00	157.37 10.02 0.00	154.76 9.71 0.00	170.09 10.13 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	83.70 4.97 -8.10	56.19 3.37 -0.67	50.50 2.92 0.00	50.21 2.87 0.00	69.40 3.95 0.00	58.79 3.04 -5.72	90.32 4.40 -11.42	72.60 3.74 -6.73	57.58 3.51 0.00	66.66 3.88 0.00	138.95 9.58 0.00	149.59 10.16 0.00	144.84 10.40 0.00	144.04 9.86 0.00	135.86 9.59 0.00	131.65 9.19 0.00	138.45 9.47 0.00	155.10 10.62 0.00	271.54 17.86 0.00	153.91 10.86 0.00	147.20 10.49 0.00	158.72 11.37 0.00	156.11 11.06 0.00	171.41 11.45 0.00
E179THST_13_KV_LOAD 356214	83.99 5.26 -8.10	56.40 3.58 -0.67	50.67 3.10 0.00	50.37 3.04 0.00	69.64 4.19 0.00	58.97 3.22 -5.72	90.63 4.71 -11.42	72.88 4.01 -6.73	57.84 3.77 0.00	66.96 4.18 0.00	139.52 10.15 0.00	150.28 10.86 0.00	145.48 11.04 0.00	144.71 10.53 0.00	136.50 10.24 0.00	132.26 9.80 0.00	139.14 10.16 0.00	155.91 11.43 0.00	272.96 19.28 0.00	154.65 11.60 0.00	147.91 11.20 0.00	159.49 12.14 0.00	156.83 11.79 0.00	172.18 12.21 0.00
EAST HAMPTON___GT 23717	87.49 8.77 -8.09	58.97 6.15 -0.67	53.06 5.50 0.00	52.79 5.47 0.00	73.22 7.77 0.00	61.89 6.15 -5.72	94.95 9.03 -11.42	76.56 7.69 -6.73	60.64 6.57 0.00	70.29 7.51 0.00	145.16 15.80 0.00	156.51 17.08 0.00	150.01 15.57 0.00	143.93 9.75 0.00	134.43 8.17 0.00	141.43 8.96 -10.02	148.81 10.50 -9.33	172.00 12.57 -14.95	280.79 14.85 -12.26	257.78 13.03 -101.70	202.31 12.43 -53.17	261.67 12.26 -102.06	218.74 12.47 -61.22	170.56 10.60 0.00
EAST RIVER___6 23660	83.39 4.67 -8.10	56.05 3.23 -0.67	50.38 2.81 0.00	50.10 2.77 0.00	69.23 3.78 0.00	58.75 3.00 -5.72	90.10 4.18 -11.42	72.39 3.52 -6.73	57.41 3.34 0.00	66.57 3.79 0.00	138.70 9.33 0.00	149.69 10.27 0.00	144.88 10.45 0.00	144.22 10.04 0.00	136.08 9.82 0.00	131.98 9.52 0.00	138.67 9.69 0.00	155.45 10.97 0.00	271.78 18.10 0.00	153.97 10.91 0.00	147.24 10.53 0.00	158.62 11.27 0.00	156.10 11.05 0.00	171.31 11.35 0.00
EAST RIVER___7 23524	83.39 4.67 -8.10	56.05 3.23 -0.67	50.38 2.81 0.00	50.10 2.77 0.00	69.23 3.78 0.00	58.75 3.00 -5.72	90.10 4.18 -11.42	72.39 3.52 -6.73	57.41 3.34 0.00	66.57 3.79 0.00	138.70 9.33 0.00	149.69 10.27 0.00	144.88 10.45 0.00	144.22 10.04 0.00	136.08 9.82 0.00	131.98 9.52 0.00	138.67 9.69 0.00	155.45 10.97 0.00	271.78 18.10 0.00	153.97 10.91 0.00	147.24 10.53 0.00	158.62 11.27 0.00	156.10 11.05 0.00	171.31 11.35 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	83.06 4.35 -8.08	55.84 3.02 -0.67	50.23 2.66 0.00	49.93 2.60 0.00	69.00 3.56 0.00	58.60 2.86 -5.71	90.04 4.14 -11.40	72.34 3.49 -6.72	57.31 3.24 0.00	66.47 3.69 0.00	138.10 8.74 0.00	148.94 9.52 0.00	143.99 9.55 0.00	143.44 9.26 0.00	135.26 9.00 0.00	131.20 8.74 0.00	137.97 9.00 0.00	154.78 10.30 0.00	270.86 17.18 0.00	153.32 10.27 0.00	146.61 9.90 0.00	157.89 10.55 0.00	155.38 10.34 0.00	170.67 10.71 0.00
EAST_HAMPTON___DIESEL 23722	87.52 8.80 -8.09	58.99 6.17 -0.67	53.07 5.50 0.00	52.82 5.49 0.00	73.24 7.79 0.00	61.90 6.15 -5.72	94.97 9.05 -11.42	76.57 7.70 -6.73	60.65 6.58 0.00	70.30 7.52 0.00	145.18 15.82 0.00	156.54 17.12 0.00	149.98 15.54 0.00	143.59 9.41 0.00	134.03 7.76 0.00	141.00 8.53 -10.02	148.39 10.08 -9.33	171.54 12.11 -14.95	280.03 14.09 -12.26	257.31 12.55 -101.70	201.84 11.97 -53.17	261.18 11.77 -102.06	218.26 11.99 -61.22	170.06 10.09 0.00
EAST_POINT___SOLAR 323840	113.62 4.88 -38.11	62.83 3.56 -7.12	50.82 3.25 0.00	50.60 3.27 0.00	70.08 4.64 0.00	114.22 3.66 -60.53	201.10 5.79 -120.82	138.36 5.03 -71.20	58.39 4.32 0.00	67.28 4.51 0.00	138.00 8.64 0.00	148.41 8.99 0.00	143.10 8.67 0.00	142.94 8.76 0.00	134.96 8.69 0.00	131.07 8.61 0.00	139.55 10.57 0.00	157.46 12.98 0.00	277.92 24.24 0.00	156.25 13.20 0.00	148.89 12.19 0.00	159.68 12.33 0.00	157.15 12.10 0.00	172.51 12.55 0.00
EAST_PULASKI___ESR 323781	69.90 -0.73 0.00	51.51 -0.64 0.00	47.04 -0.53 0.00	46.78 -0.55 0.00	64.60 -0.85 0.00	49.48 -0.54 0.00	73.74 -0.76 0.00	61.71 -0.43 0.00	53.74 -0.18 0.15	62.68 -0.10 0.00	126.20 -0.68 2.48	135.95 -1.22 2.25	128.46 -1.54 4.44	130.85 -0.96 2.38	123.28 -0.83 2.15	117.83 -1.02 3.61	128.63 -0.35 0.00	143.58 0.19 1.09	255.14 2.21 0.75	142.53 1.04 1.56	137.03 0.33 0.00	146.00 -0.88 0.47	144.21 -0.84 0.00	158.83 -1.14 0.00
EAST_RIVER___1 323558	83.43 4.70 -8.10	56.07 3.25 -0.67	50.41 2.84 0.00	50.12 2.79 0.00	69.26 3.82 0.00	58.78 3.02 -5.72	90.23 4.31 -11.42	72.49 3.63 -6.73	57.50 3.43 0.00	66.65 3.87 0.00	138.84 9.48 0.00	149.87 10.44 0.00	145.02 10.59 0.00	144.38 10.20 0.00	136.19 9.93 0.00	132.01 9.56 0.00	138.75 9.77 0.00	155.55 11.06 0.00	272.09 18.41 0.00	154.08 11.02 0.00	147.36 10.65 0.00	158.76 11.41 0.00	156.28 11.24 0.00	171.51 11.55 0.00
EAST_RIVER___2 323559	83.39 4.67 -8.10	56.05 3.23 -0.67	50.38 2.81 0.00	50.10 2.77 0.00	69.23 3.78 0.00	58.75 3.00 -5.72	90.10 4.18 -11.42	72.39 3.52 -6.73	57.41 3.34 0.00	66.57 3.79 0.00	138.70 9.33 0.00	149.69 10.27 0.00	144.88 10.45 0.00	144.22 10.04 0.00	136.08 9.82 0.00	131.98 9.52 0.00	138.67 9.69 0.00	155.45 10.97 0.00	271.78 18.10 0.00	153.97 10.91 0.00	147.24 10.53 0.00	158.62 11.27 0.00	156.10 11.05 0.00	171.31 11.35 0.00
EAST___DELAWARE_HYD 23607	81.90 3.37 -7.89	55.19 2.32 -0.72	49.61 2.04 0.00	49.36 2.03 0.00	68.26 2.81 0.00	58.49 2.32 -6.15	90.27 3.50 -12.27	72.38 3.01 -7.23	56.90 2.83 0.00	66.00 3.22 0.00	136.57 7.21 0.00	147.27 7.85 0.00	142.14 7.70 0.00	141.45 7.27 0.00	133.24 6.98 0.00	129.57 7.11 0.00	136.56 7.58 0.00	153.60 9.12 0.00	269.42 15.73 0.00	152.32 9.27 0.00	145.54 8.83 0.00	156.53 9.18 0.00	153.72 8.67 0.00	168.81 8.85 0.00
EIGHT_POINT___WT_PWR 323820	67.47 -5.19 -2.03	48.18 -4.16 -0.19	43.36 -4.21 0.00	43.52 -3.81 0.00	60.48 -4.97 0.00	47.67 -4.01 -1.65	71.51 -6.29 -3.30	58.95 -5.13 -1.94	50.13 -3.94 0.00	58.68 -4.10 0.00	106.18 -11.75 11.44	131.37 -8.05 0.00	128.11 -6.32 0.00	127.53 -6.65 0.00	120.33 -5.93 0.00	116.64 -5.82 0.00	124.34 -4.64 0.00	139.98 -4.50 0.00	248.33 -5.35 0.00	139.30 -3.75 0.00	129.54 -7.17 0.00	140.12 -7.22 0.00	139.13 -5.91 0.00	152.73 -7.23 0.00
ELBRIDGE_115KV_TB2 80188	69.85 -1.78 -1.00	50.77 -1.38 0.00	46.39 -1.18 0.00	46.19 -1.14 0.00	63.71 -1.73 0.00	48.77 -1.26 0.00	72.57 -1.93 0.00	60.57 -1.57 0.00	52.82 -1.25 0.00	61.36 -1.42 0.00	125.64 -3.72 0.00	135.32 -4.10 0.00	130.29 -4.14 0.00	130.21 -3.97 0.00	122.63 -3.63 0.00	118.91 -3.54 0.00	125.87 -3.11 0.00	141.27 -3.21 0.00	249.32 -4.36 0.00	140.45 -2.60 0.00	133.80 -2.91 0.00	143.26 -4.09 0.00	140.94 -4.10 0.00	155.47 -4.49 0.00
ELEC_TRO_TEK 24086	84.08 5.36 -8.09	56.51 3.70 -0.67	50.81 3.24 0.00	50.51 3.18 0.00	69.84 4.40 0.00	59.23 3.48 -5.72	90.94 5.03 -11.42	73.06 4.20 -6.73	57.85 3.79 0.00	67.16 4.39 0.00	139.59 10.23 0.00	150.61 11.19 0.00	145.67 11.23 0.00	144.87 10.69 0.00	136.88 10.62 0.00	143.13 10.65 -10.02	149.37 11.06 -9.33	156.93 12.42 -0.03	273.51 19.83 0.00	156.64 12.30 -1.29	168.40 12.10 -19.59	160.79 12.81 -0.62	158.13 12.45 -0.63	171.82 11.85 0.00

ELLENBURG_WT_PWR 323604	68.87 -1.76 0.00	50.39 -1.76 0.00	45.81 -1.76 0.00	45.61 -1.72 0.00	63.12 -2.33 0.00	2.80 -1.85 45.38	-20.40 -2.65 92.25	-20.78 -2.11 80.81	-11.22 -1.99 63.30	-20.68 -2.33 81.13	9.81 -4.66 114.88	-13.44 -5.23 147.64	-20.25 -5.19 149.49	-19.66 -5.40 148.44	-19.88 -5.22 140.92	-16.28 -4.87 133.87	-19.32 -5.09 143.20	-19.32 -5.96 157.84	-16.71 -10.58 259.81	-19.49 -6.15 156.39	-19.13 -5.69 150.15	33.49 -5.27 108.59	140.15 -4.90 0.00	155.18 -4.78 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	65.75 -6.35 -1.46	47.35 -4.80 0.00	42.96 -4.61 0.00	42.84 -4.49 0.00	59.48 -5.97 0.00	45.58 -4.45 0.00	67.55 -6.95 0.00	56.25 -5.89 0.00	49.11 -4.96 0.00	57.31 -5.47 0.00	108.14 -14.70 6.51	123.80 -15.62 0.00	119.31 -15.12 0.00	119.96 -14.22 0.00	112.75 -13.51 0.00	109.15 -13.31 0.00	115.76 -13.22 0.00	129.56 -14.92 0.00	231.80 -21.87 0.00	129.57 -13.48 0.00	123.71 -13.00 0.00	130.45 -16.89 0.00	129.38 -15.66 0.00	144.32 -15.65 0.00
EMPIRE_CC_1 323656	88.69 3.48 -14.58	56.58 2.52 -1.91	49.80 2.23 0.00	49.54 2.21 0.00	68.48 3.03 0.00	68.57 2.29 -16.26	110.09 3.14 -32.45	83.49 2.23 -19.12	56.01 1.94 0.00	65.00 2.22 0.00	134.48 5.12 0.00	144.97 5.54 0.00	139.90 5.47 0.00	139.63 5.45 0.00	131.49 5.23 0.00	127.51 5.05 0.00	133.40 4.43 0.00	149.72 5.25 0.00	262.53 8.85 0.00	148.14 5.09 0.00	141.83 5.13 0.00	152.92 5.57 0.00	150.51 5.47 0.00	166.46 6.49 0.00
EMPIRE_CC_2 323658	88.69 3.48 -14.58	56.58 2.52 -1.91	49.80 2.23 0.00	49.54 2.21 0.00	68.48 3.03 0.00	68.57 2.29 -16.26	110.09 3.14 -32.45	83.49 2.23 -19.12	56.01 1.94 0.00	65.00 2.22 0.00	134.48 5.12 0.00	144.97 5.54 0.00	139.90 5.47 0.00	139.63 5.45 0.00	131.49 5.23 0.00	127.51 5.05 0.00	133.40 4.43 0.00	149.72 5.25 0.00	262.53 8.85 0.00	148.14 5.09 0.00	141.83 5.13 0.00	152.92 5.57 0.00	150.51 5.47 0.00	166.46 6.49 0.00
ENORWICH_115KV_TB1 80156	76.47 1.84 -4.00	53.69 1.07 -0.47	48.59 1.03 0.00	48.49 1.16 0.00	67.03 1.58 0.00	56.11 2.08 -4.00	85.96 3.48 -7.99	70.00 3.16 -4.71	57.02 2.96 0.00	65.37 2.59 0.00	141.87 3.62 -8.89	143.08 3.66 0.00	137.03 2.59 0.00	136.70 2.52 0.00	128.87 2.61 0.00	125.72 3.26 0.00	134.18 5.20 0.00	151.99 7.51 0.00	268.28 14.60 0.00	151.13 8.08 0.00	144.03 7.33 0.00	153.75 6.40 0.00	150.89 5.84 0.00	166.14 6.18 0.00
ERIE_ST__34_KV_TB1-2 80199	67.82 -4.32 -1.51	48.84 -3.31 0.00	44.30 -3.28 0.00	44.17 -3.16 0.00	61.31 -4.13 0.00	46.99 -3.03 0.00	69.66 -4.83 0.00	58.03 -4.11 0.00	50.66 -3.41 0.00	59.07 -3.70 0.00	112.13 -10.61 6.62	128.11 -11.31 0.00	123.54 -10.90 0.00	124.22 -9.96 0.00	116.75 -9.51 0.00	112.96 -9.50 0.00	119.61 -9.37 0.00	133.88 -10.60 0.00	239.28 -14.40 0.00	133.86 -9.19 0.00	127.84 -8.87 0.00	134.86 -12.49 0.00	133.84 -11.21 0.00	149.11 -10.85 0.00
ERIE_WT_PWR 323693	66.42 -5.70 -1.50	47.76 -4.39 0.00	43.30 -4.27 0.00	43.23 -4.10 0.00	59.95 -5.49 0.00	45.99 -4.04 0.00	68.15 -6.34 0.00	56.79 -5.35 0.00	49.55 -4.52 0.00	57.86 -4.92 0.00	109.05 -13.65 6.67	125.06 -14.37 0.00	120.60 -13.84 0.00	121.32 -12.86 0.00	114.01 -12.26 0.00	110.35 -12.11 0.00	117.10 -11.88 0.00	130.96 -13.52 0.00	234.37 -19.31 0.00	131.06 -11.99 0.00	125.15 -11.56 0.00	131.96 -15.38 0.00	130.87 -14.18 0.00	145.85 -14.11 0.00
ESPRGFLD_115KV_TB1 80157	101.05 2.40 -28.02	58.96 1.71 -5.10	49.16 1.60 0.00	48.94 1.61 0.00	67.71 2.26 0.00	95.01 1.61 -43.38	163.71 2.62 -86.59	115.54 2.38 -51.02	56.27 2.20 0.00	65.34 2.56 0.00	134.22 4.86 0.00	144.42 5.00 0.00	139.27 4.84 0.00	138.93 4.75 0.00	130.86 4.60 0.00	126.99 4.53 0.00	134.81 5.83 0.00	151.26 6.78 0.00	266.60 12.92 0.00	150.18 7.13 0.00	143.15 6.44 0.00	153.65 6.31 0.00	151.38 6.33 0.00	166.08 6.11 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	73.08 0.17 -2.28	52.35 -0.03 -0.23	47.58 0.01 0.00	47.38 0.05 0.00	65.46 0.01 0.00	52.17 0.20 -1.93	78.70 0.34 -3.87	64.82 0.41 -2.28	54.54 0.47 0.00	63.22 0.45 0.00	151.10 -0.14 -21.88	138.91 -0.51 0.00	133.61 -0.83 0.00	133.58 -0.60 0.00	125.81 -0.45 0.00	122.14 -0.32 0.00	129.64 0.66 0.00	146.02 1.54 0.00	257.87 4.19 0.00	145.30 2.25 0.00	138.37 1.66 0.00	148.01 0.66 0.00	145.53 0.49 0.00	160.41 0.44 0.00
ETNA____115KV_TB2 80207	73.08 0.17 -2.28	52.35 -0.03 -0.23	47.58 0.01 0.00	47.38 0.05 0.00	65.46 0.01 0.00	52.17 0.20 -1.93	78.70 0.34 -3.87	64.82 0.41 -2.28	54.54 0.47 0.00	63.22 0.45 0.00	151.10 -0.14 -21.88	138.91 -0.51 0.00	133.61 -0.83 0.00	133.58 -0.60 0.00	125.81 -0.45 0.00	122.14 -0.32 0.00	129.64 0.66 0.00	146.02 1.54 0.00	257.87 4.19 0.00	145.30 2.25 0.00	138.37 1.66 0.00	148.01 0.66 0.00	145.53 0.49 0.00	160.41 0.44 0.00
EUCLID____115KV_TB2 356179	68.31 -2.32 0.00	50.38 -1.77 0.00	46.04 -1.53 0.00	45.83 -1.49 0.00	63.21 -2.24 0.00	48.38 -1.64 0.00	72.07 -2.42 0.00	60.14 -2.00 0.00	52.44 -1.63 0.00	60.96 -1.82 0.00	124.98 -4.38 0.00	134.65 -4.77 0.00	129.67 -4.76 0.00	129.63 -4.55 0.00	122.02 -4.24 0.00	118.31 -4.15 0.00	124.94 -4.03 0.00	140.26 -4.22 0.00	247.28 -6.40 0.00	139.27 -3.78 0.00	132.82 -3.89 0.00	142.27 -5.07 0.00	139.98 -5.06 0.00	154.48 -5.49 0.00
E_CANADA_CAP_HY 24051	109.36 3.13 -35.60	61.08 2.32 -6.62	49.71 2.15 0.00	49.49 2.16 0.00	68.48 3.04 0.00	108.65 2.36 -56.26	190.54 3.75 -112.30	131.59 3.28 -66.18	56.94 2.87 0.00	65.97 3.19 0.00	135.48 6.12 0.00	145.75 6.32 0.00	140.58 6.14 0.00	140.31 6.13 0.00	132.15 5.89 0.00	128.15 5.69 0.00	136.01 7.03 0.00	152.66 8.18 0.00	269.29 15.62 0.00	151.46 8.41 0.00	144.44 7.73 0.00	155.15 7.80 0.00	153.14 8.10 0.00	168.05 8.08 0.00
E_CANADA_MHWK_HY 24050	74.49 3.87 0.00	54.81 2.66 0.00	49.90 2.34 0.00	49.66 2.33 0.00	68.69 3.24 0.00	52.55 2.52 0.00	78.31 3.81 0.00	65.33 3.20 0.00	57.02 2.84 -0.11	65.80 3.02 0.00	137.70 6.48 -1.86	148.13 7.01 -1.69	144.40 6.64 -3.33	142.60 6.63 -1.79	134.48 6.51 -1.71	131.52 6.34 -2.71	135.30 6.32 0.00	153.44 8.14 -0.82	268.01 13.77 -0.56	152.34 8.12 -1.17	144.19 7.48 0.00	155.30 7.60 -0.35	152.49 7.45 0.00	168.56 8.60 0.00
E_FISHKILL____LBMP 23776	82.93 4.05 -8.25	55.65 2.82 -0.68	50.05 2.48 0.00	49.76 2.42 0.00	68.77 3.32 0.00	58.49 2.64 -5.82	89.96 3.85 -11.61	72.21 3.23 -6.84	57.07 3.00 0.00	66.20 3.42 0.00	137.30 7.94 0.00	148.07 8.64 0.00	143.09 8.66 0.00	142.59 8.41 0.00	134.42 8.16 0.00	130.34 7.88 0.00	137.08 8.10 0.00	153.79 9.31 0.00	269.29 15.61 0.00	152.40 9.35 0.00	145.67 8.96 0.00	156.90 9.55 0.00	154.34 9.30 0.00	169.71 9.75 0.00
FALCON____SEABRD_CC1 323796	69.76 -0.87 0.00	51.00 -1.15 0.00	46.31 -1.26 0.00	46.16 -1.17 0.00	63.76 -1.69 0.00	-0.09 -1.52 48.60	-26.41 -2.11 98.80	-26.08 -1.67 86.55	-15.14 -1.56 67.65	-25.94 -1.83 86.89	5.19 -3.61 120.56	-20.57 -4.12 155.87	-25.47 -4.24 155.66	-26.83 -4.42 156.60	-26.68 -4.28 148.66	-21.21 -3.91 139.76	-28.54 -4.14 153.38	-28.27 -4.78 167.97	-32.31 -8.47 277.52	-27.88 -5.00 165.94	-28.73 -4.63 160.81	27.45 -4.06 115.84	141.48 -3.56 0.00	157.37 -2.59 0.00

FALCON___SEABRD_CC2 323797	69.76 -0.87 0.00	51.00 -1.15 0.00	46.31 -1.26 0.00	46.16 -1.17 0.00	63.76 -1.69 0.00	-0.09 -1.52 48.60	-26.41 -2.11 98.80	-26.08 -1.67 86.55	-15.14 -1.56 67.65	-25.94 -1.83 86.89	5.19 -3.61 120.56	-20.57 -4.12 155.87	-25.47 -4.24 155.66	-26.83 -4.42 156.60	-26.68 -4.28 148.66	-21.21 -3.91 139.76	-28.54 -4.14 153.38	-28.27 -4.78 167.97	-32.31 -8.47 277.52	-27.88 -5.00 165.94	-28.73 -4.63 160.81	27.45 -4.06 115.84	141.48 -3.56 0.00	157.37 -2.59 0.00
FAR ROCKAWAY___4 23548	84.91 6.19 -8.09	57.10 4.28 -0.67	51.32 3.76 0.00	51.03 3.71 0.00	70.56 5.12 0.00	59.79 4.05 -5.72	91.82 5.91 -11.42	73.80 4.94 -6.73	58.47 4.40 0.00	67.94 5.16 0.00	141.19 11.83 0.00	152.33 12.91 0.00	147.31 12.88 0.00	146.58 12.40 0.00	138.49 12.22 0.00	144.72 12.24 -10.02	151.03 12.71 -9.33	158.89 14.38 -0.03	277.10 23.42 0.00	158.67 14.33 -1.29	170.25 13.95 -19.59	162.78 14.81 -0.62	160.05 14.38 -0.63	174.00 14.04 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	83.43 4.70 -8.10	56.10 3.27 -0.67	50.43 2.86 0.00	50.13 2.80 0.00	69.27 3.83 0.00	58.78 3.03 -5.72	90.29 4.37 -11.42	72.55 3.68 -6.73	57.53 3.46 0.00	66.69 3.91 0.00	138.89 9.53 0.00	149.90 10.48 0.00	145.06 10.63 0.00	144.42 10.24 0.00	136.23 9.97 0.00	132.04 9.58 0.00	138.81 9.83 0.00	155.59 11.11 0.00	272.20 18.52 0.00	154.12 11.07 0.00	147.43 10.72 0.00	158.83 11.49 0.00	156.35 11.31 0.00	171.67 11.71 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	83.48 4.75 -8.10	56.12 3.30 -0.67	50.45 2.88 0.00	50.16 2.83 0.00	69.31 3.86 0.00	58.81 3.06 -5.72	90.33 4.41 -11.42	72.59 3.72 -6.73	57.56 3.49 0.00	66.71 3.94 0.00	138.97 9.61 0.00	149.99 10.57 0.00	145.14 10.70 0.00	144.49 10.31 0.00	136.30 10.04 0.00	132.10 9.64 0.00	138.88 9.90 0.00	155.69 11.21 0.00	272.36 18.68 0.00	154.25 11.20 0.00	147.52 10.81 0.00	158.96 11.61 0.00	156.48 11.43 0.00	171.79 11.83 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	83.38 4.66 -8.10	56.06 3.24 -0.67	50.41 2.84 0.00	50.12 2.79 0.00	69.24 3.79 0.00	58.76 3.01 -5.72	90.25 4.33 -11.42	72.52 3.66 -6.73	57.51 3.44 0.00	66.65 3.87 0.00	138.83 9.47 0.00	149.85 10.43 0.00	145.01 10.57 0.00	144.34 10.16 0.00	136.17 9.90 0.00	131.97 9.51 0.00	138.72 9.75 0.00	155.52 11.04 0.00	272.04 18.36 0.00	154.06 11.01 0.00	147.33 10.62 0.00	158.79 11.44 0.00	156.31 11.26 0.00	171.56 11.60 0.00
FARRAGUT___LBMP 323566	83.35 4.63 -8.10	56.03 3.20 -0.67	50.37 2.80 0.00	50.08 2.75 0.00	69.19 3.75 0.00	58.73 2.98 -5.72	90.19 4.27 -11.42	72.46 3.60 -6.73	57.46 3.39 0.00	66.59 3.81 0.00	138.71 9.35 0.00	149.72 10.29 0.00	144.88 10.45 0.00	144.23 10.05 0.00	136.06 9.80 0.00	131.86 9.40 0.00	138.62 9.64 0.00	155.38 10.90 0.00	271.86 18.18 0.00	153.93 10.88 0.00	147.22 10.52 0.00	158.66 11.32 0.00	156.19 11.14 0.00	171.49 11.52 0.00
FENNER___WINDPWR 24204	72.20 0.53 -1.04	52.49 0.34 0.00	47.93 0.37 0.00	47.72 0.39 0.00	66.00 0.55 0.00	50.57 0.54 0.00	75.44 0.95 0.00	63.04 0.90 0.00	54.98 0.91 0.00	63.93 1.15 0.00	135.52 2.04 -4.12	141.49 2.07 0.00	136.29 1.85 0.00	136.29 2.11 0.00	128.30 2.04 0.00	124.33 1.87 0.00	131.39 2.41 0.00	147.14 2.66 0.00	258.90 5.23 0.00	145.92 2.87 0.00	139.05 2.35 0.00	149.10 1.75 0.00	146.53 1.49 0.00	161.46 1.49 0.00
FIBERTEK___ENERGY 23856	70.39 -1.19 -0.95	51.21 -0.95 0.00	46.79 -0.78 0.00	46.58 -0.75 0.00	64.26 -1.19 0.00	49.21 -0.82 0.00	73.28 -1.22 0.00	61.19 -0.94 0.00	53.36 -0.71 0.00	62.02 -0.76 0.00	127.12 -2.25 0.00	136.90 -2.52 0.00	131.78 -2.65 0.00	131.73 -2.45 0.00	124.03 -2.23 0.00	120.29 -2.16 0.00	127.23 -1.74 0.00	142.89 -1.59 0.00	252.05 -1.63 0.00	141.92 -1.12 0.00	135.23 -1.47 0.00	144.81 -2.54 0.00	142.43 -2.61 0.00	157.07 -2.89 0.00
FITZPATRICK____ 23598	67.51 -3.12 0.00	49.82 -2.33 0.00	45.56 -2.01 0.00	45.34 -1.99 0.00	62.52 -2.92 0.00	47.81 -2.21 0.00	71.18 -3.32 0.00	59.38 -2.76 0.00	51.73 -2.34 0.00	60.10 -2.68 0.00	123.37 -6.00 0.00	132.92 -6.50 0.00	128.05 -6.38 0.00	127.97 -6.21 0.00	120.47 -5.80 0.00	116.79 -5.67 0.00	123.25 -5.73 0.00	138.25 -6.24 0.00	243.47 -10.21 0.00	137.18 -5.87 0.00	130.91 -5.80 0.00	140.48 -6.86 0.00	138.27 -6.77 0.00	152.58 -7.38 0.00
FLOWRFLD_69_KV_BK1 356044	85.18 6.46 -8.09	57.25 4.43 -0.67	51.48 3.91 0.00	51.21 3.88 0.00	70.86 5.41 0.00	60.02 4.27 -5.72	92.01 6.10 -11.42	74.00 5.14 -6.73	58.57 4.50 0.00	68.04 5.26 0.00	140.97 11.61 0.00	152.06 12.64 0.00	146.99 12.56 0.00	145.68 11.50 0.00	137.82 11.56 0.00	144.44 11.96 -10.02	151.38 13.07 -9.33	176.58 14.84 -17.26	290.45 22.61 -14.16	274.73 14.41 -117.28	209.45 14.36 -58.37	280.39 15.25 -117.79	230.45 14.78 -70.62	173.10 13.14 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	83.81 4.96 -8.23	56.33 3.49 -0.70	50.64 3.07 0.00	50.36 3.03 0.00	69.61 4.16 0.00	59.29 3.34 -5.93	91.29 4.96 -11.83	73.31 4.20 -6.97	57.93 3.86 0.00	67.21 4.43 0.00	139.26 9.90 0.00	150.19 10.77 0.00	145.12 10.68 0.00	144.53 10.35 0.00	136.23 9.97 0.00	132.18 9.72 0.00	139.21 10.23 0.00	156.41 11.93 0.00	274.15 20.47 0.00	155.12 12.07 0.00	148.17 11.46 0.00	159.44 12.09 0.00	156.71 11.66 0.00	172.15 12.18 0.00
FORT ORANGE____ 23900	96.69 3.56 -22.51	58.40 2.63 -3.63	49.90 2.33 0.00	49.64 2.31 0.00	68.64 3.19 0.00	83.28 2.41 -30.84	139.31 3.26 -61.56	100.71 2.30 -36.27	55.96 1.89 0.00	65.03 2.25 0.00	134.28 4.91 0.00	144.71 5.29 0.00	139.56 5.13 0.00	139.23 5.05 0.00	131.03 4.77 0.00	126.42 3.96 0.00	132.53 3.55 0.00	149.04 4.56 0.00	261.50 7.82 0.00	147.55 4.50 0.00	140.99 4.28 0.00	151.89 4.54 0.00	149.82 4.78 0.00	167.20 7.24 0.00
FORT_DRUM_COGEN 23780	70.62 -0.01 0.00	51.91 -0.24 0.00	47.40 -0.17 0.00	47.02 -0.31 0.00	65.06 -0.39 0.00	49.98 -0.05 0.00	74.69 0.19 0.00	62.61 0.47 0.00	54.22 0.56 0.41	63.57 0.79 0.00	123.77 1.25 6.84	133.17 -0.03 6.22	121.40 -0.79 12.24	127.86 0.24 6.57	120.62 0.32 5.97	112.04 -0.45 9.97	130.57 1.59 0.00	143.87 2.39 3.00	258.59 6.97 2.06	142.95 4.20 4.31	139.47 2.76 0.00	147.62 1.56 1.29	146.33 1.29 0.00	161.08 1.11 0.00
FOX_HILLS___ESR 323835	99.15 5.09 -23.43	99.07 3.64 -43.27	99.99 3.23 -49.20	100.59 3.18 -50.09	99.58 4.29 -29.84	99.36 3.41 -45.92	101.36 4.86 -22.01	102.36 4.13 -36.09	100.98 3.84 -43.07	101.69 4.19 -34.72	205.00 9.87 -65.77	198.79 10.67 -48.70	145.04 10.77 0.17	144.52 10.34 0.00	143.86 10.00 -7.60	129.55 9.52 2.43	337.43 9.96 -198.49	864.25 11.14 -708.63	621.85 19.28 -348.88	731.94 11.77 -577.12	1375.98 11.21 -1228.06	953.86 12.31 -794.21	389.64 12.15 -232.45	225.44 12.30 -53.18
FPL FAR_ROCK_GT1 24212	84.92 6.20 -8.09	57.10 4.28 -0.67	51.32 3.75 0.00	51.04 3.71 0.00	70.57 5.12 0.00	59.79 4.04 -5.72	91.81 5.89 -11.42	73.80 4.94 -6.73	58.47 4.41 0.00	67.94 5.16 0.00	141.21 11.85 0.00	152.35 12.93 0.00	147.31 12.87 0.00	146.59 12.40 0.00	138.49 12.23 0.00	144.72 12.24 -10.02	151.03 12.72 -9.33	158.89 14.38 -0.03	277.14 23.46 0.00	158.68 14.34 -1.29	170.25 13.95 -19.59	162.78 14.80 -0.62	160.05 14.38 -0.63	173.99 14.03 0.00

FPL FAR_ROCK_GT2 23815	84.92 6.20 -8.09	57.10 4.28 -0.67	51.32 3.75 0.00	51.04 3.71 0.00	70.57 5.12 0.00	59.79 4.04 -5.72	91.81 5.89 -11.42	73.80 4.94 -6.73	58.47 4.41 0.00	67.94 5.16 0.00	141.21 11.85 0.00	152.35 12.93 0.00	147.31 12.87 0.00	146.59 12.40 0.00	138.49 12.23 0.00	144.72 12.24 -10.02	151.03 12.72 -9.33	158.89 14.38 -0.03	277.14 23.46 0.00	158.68 14.34 -1.29	170.25 13.95 -19.59	162.78 14.80 -0.62	160.05 14.38 -0.63	173.99 14.03 0.00
FRANKLIN_FALL_HYD 24054	70.43 -0.20 0.00	51.63 -0.52 0.00	46.96 -0.61 0.00	46.75 -0.58 0.00	64.75 -0.70 0.00	52.63 -0.53 -3.13	80.32 -0.55 -6.37	67.47 -0.25 -5.58	56.09 -0.33 -2.35	68.00 -0.38 -5.60	102.37 -1.01 25.98	117.41 -1.38 20.63	82.47 -1.62 50.34	109.92 -1.97 22.30	102.65 -2.17 21.44	80.42 -1.90 40.14	137.03 -1.84 -9.89	138.29 -2.22 3.97	257.89 -3.53 -7.73	130.26 -2.24 10.55	145.00 -2.08 -10.37	147.06 -1.38 -1.10	143.91 -1.13 0.00	159.21 -0.75 0.00
FREEPORT_EQUS_GT1 23764	84.51 5.79 -8.09	56.81 3.99 -0.67	51.05 3.48 0.00	50.75 3.43 0.00	70.20 4.76 0.00	59.49 3.74 -5.72	91.33 5.42 -11.42	73.43 4.56 -6.73	58.11 4.04 0.00	67.48 4.70 0.00	140.23 10.87 0.00	151.21 11.79 0.00	146.25 11.81 0.00	145.41 11.23 0.00	137.45 11.19 0.00	143.84 11.36 -10.02	150.14 11.82 -9.33	157.50 12.98 -0.03	274.51 20.83 0.00	157.40 13.06 -1.29	169.51 13.21 -19.59	161.83 13.86 -0.62	159.15 13.48 -0.63	172.61 12.65 0.00
FREEPORT___CT2 23818	84.51 5.79 -8.09	56.81 3.99 -0.67	51.05 3.48 0.00	50.75 3.43 0.00	70.20 4.76 0.00	59.49 3.74 -5.72	91.33 5.42 -11.42	73.43 4.56 -6.73	58.11 4.04 0.00	67.48 4.70 0.00	140.23 10.87 0.00	151.21 11.79 0.00	146.25 11.81 0.00	145.41 11.23 0.00	137.45 11.19 0.00	143.84 11.36 -10.02	150.14 11.82 -9.33	157.50 12.98 -0.03	274.51 20.83 0.00	157.40 13.06 -1.29	169.51 13.21 -19.59	161.83 13.86 -0.62	159.15 13.48 -0.63	172.61 12.65 0.00
FRESHKLS_33_KV_LOAD 356253	99.11 5.05 -23.43	99.10 3.68 -43.27	100.03 3.26 -49.20	100.64 3.23 -50.09	99.61 4.32 -29.84	99.39 3.44 -45.92	101.38 4.87 -22.01	102.38 4.15 -36.09	100.97 3.83 -43.07	101.57 4.06 -34.72	204.44 9.31 -65.77	198.38 10.08 -48.88	144.50 10.15 0.08	143.90 9.72 0.00	143.31 9.45 -7.60	129.29 9.00 2.17	337.21 9.54 -198.70	863.80 10.70 -708.63	621.58 19.01 -348.88	731.79 11.62 -577.12	1375.80 11.03 -1228.06	953.74 12.19 -794.21	389.51 12.02 -232.45	225.16 12.02 -53.18
FULTON COGEN____ 23766	69.73 -0.90 0.00	51.39 -0.76 0.00	46.92 -0.65 0.00	46.71 -0.62 0.00	64.47 -0.97 0.00	49.39 -0.64 0.00	73.66 -0.84 0.00	61.56 -0.57 0.00	53.67 -0.33 0.07	62.51 -0.26 0.00	127.06 -1.17 1.13	136.95 -1.44 1.03	130.74 -1.67 2.03	131.88 -1.22 1.09	124.17 -1.12 0.98	119.60 -1.21 1.65	128.22 -0.75 0.00	143.66 -0.32 0.50	254.21 0.88 0.34	142.52 0.19 0.71	136.41 -0.29 0.00	145.65 -1.48 0.21	143.42 -1.63 0.00	158.13 -1.83 0.00
FULTON___LFGE 323630	113.66 4.29 -38.74	62.52 3.12 -7.24	50.41 2.83 0.00	50.18 2.84 0.00	69.46 4.01 0.00	114.78 3.15 -61.60	202.36 4.90 -122.97	138.84 4.24 -72.46	57.72 3.65 0.00	66.77 3.99 0.00	137.38 8.01 0.00	147.86 8.44 0.00	142.46 8.02 0.00	142.15 7.97 0.00	134.17 7.91 0.00	130.31 7.85 0.00	138.02 9.04 0.00	155.31 10.83 0.00	273.74 20.06 0.00	154.03 10.98 0.00	146.92 10.21 0.00	157.72 10.37 0.00	155.22 10.18 0.00	170.59 10.62 0.00
G.F.CEMENT___DRP 24184	116.73 6.84 -39.26	64.30 4.86 -7.28	51.94 4.37 0.00	51.73 4.41 0.00	71.56 6.11 0.00	116.80 4.84 -61.93	205.42 7.31 -123.61	141.11 6.13 -72.84	59.44 5.37 0.00	68.95 6.17 0.00	142.12 12.75 0.00	153.07 13.64 0.00	147.36 12.93 0.00	147.34 13.16 0.00	138.40 12.13 0.00	134.57 12.11 0.00	141.88 12.91 0.00	159.75 15.26 0.00	280.24 26.56 0.00	157.85 14.80 0.00	150.48 13.78 0.00	161.54 14.20 0.00	158.50 13.45 0.00	175.03 15.06 0.00
GARDENVILLE___LBMP 24039	66.11 -6.01 -1.49	47.57 -4.58 0.00	43.14 -4.43 0.00	43.04 -4.29 0.00	59.75 -5.70 0.00	45.79 -4.24 0.00	67.85 -6.65 0.00	56.53 -5.61 0.00	49.35 -4.71 0.00	57.58 -5.20 0.00	108.47 -14.08 6.82	124.65 -14.77 0.00	120.14 -14.29 0.00	120.82 -13.36 0.00	113.57 -12.69 0.00	109.89 -12.57 0.00	116.54 -12.44 0.00	130.46 -14.02 0.00	233.33 -20.35 0.00	130.50 -12.55 0.00	124.56 -12.15 0.00	131.40 -15.95 0.00	130.31 -14.73 0.00	145.29 -14.68 0.00
GARDNVLA_35_KV_LD 355827	66.45 -5.68 -1.50	47.77 -4.37 0.00	43.33 -4.24 0.00	43.23 -4.10 0.00	60.00 -5.45 0.00	46.01 -4.02 0.00	68.22 -6.28 0.00	56.86 -5.28 0.00	49.64 -4.43 0.00	57.93 -4.85 0.00	109.31 -13.44 6.61	125.37 -14.05 0.00	120.81 -13.62 0.00	121.50 -12.68 0.00	114.19 -12.07 0.00	110.58 -11.88 0.00	117.27 -11.71 0.00	131.25 -13.23 0.00	234.79 -18.89 0.00	131.32 -11.73 0.00	125.38 -15.20 0.00	132.15 -14.03 0.00	131.01 -14.03 0.00	146.05 -13.91 0.00
GELCKHM___115KV_LOAD 80723	68.73 -1.90 0.00	50.70 -1.45 0.00	46.32 -1.25 0.00	46.12 -1.21 0.00	63.61 -1.83 0.00	48.71 -1.32 0.00	72.53 -1.97 0.00	60.55 -1.58 0.00	52.78 -1.28 0.00	61.36 -1.43 0.00	125.78 -3.58 0.00	135.50 -3.93 0.00	130.47 -3.96 0.00	130.44 -3.74 0.00	122.78 -3.48 0.00	119.10 -3.36 0.00	125.83 -3.15 0.00	141.27 -3.21 0.00	249.09 -4.58 0.00	140.29 -2.76 0.00	133.75 -2.96 0.00	143.25 -4.10 0.00	140.94 -4.11 0.00	155.47 -4.49 0.00
GENERAL___MILLS 23808	66.38 -5.74 -1.50	47.76 -4.39 0.00	43.29 -4.28 0.00	43.20 -4.13 0.00	59.95 -5.50 0.00	45.97 -4.06 0.00	68.14 -6.35 0.00	56.77 -5.37 0.00	49.56 -4.52 0.00	57.82 -4.96 0.00	109.09 -13.60 6.67	125.15 -14.27 0.00	120.62 -13.81 0.00	121.30 -12.88 0.00	114.02 -12.24 0.00	110.38 -12.08 0.00	117.04 -11.94 0.00	131.00 -13.48 0.00	234.33 -19.35 0.00	131.05 -12.00 0.00	125.11 -11.60 0.00	131.90 -15.44 0.00	130.80 -14.24 0.00	145.82 -14.15 0.00
GE_PLASTICS___DRP 24183	92.75 2.98 -19.13	57.16 2.13 -2.88	49.47 1.90 0.00	49.19 1.86 0.00	68.01 2.56 0.00	76.47 1.95 -24.50	126.12 2.72 -48.90	93.06 2.11 -28.81	55.90 1.83 0.00	64.94 2.17 0.00	134.03 4.67 0.00	144.43 5.01 0.00	139.35 4.92 0.00	139.05 4.87 0.00	130.89 4.62 0.00	126.59 4.13 0.00	132.88 3.90 0.00	149.13 4.65 0.00	261.53 7.85 0.00	147.64 4.59 0.00	141.14 4.44 0.00	152.09 4.74 0.00	149.82 4.78 0.00	165.91 5.95 0.00
GILBOA___1 23756	80.16 2.70 -6.82	54.48 1.91 -0.43	49.23 1.66 0.00	48.99 1.65 0.00	67.71 2.26 0.00	55.27 1.61 -3.64	84.07 2.30 -7.27	68.34 1.92 -4.28	55.80 1.73 0.00	64.77 2.00 0.00	133.75 4.39 0.00	144.21 4.79 0.00	139.17 4.73 0.00	138.83 4.65 0.00	130.78 4.52 0.00	126.79 4.33 0.00	133.37 4.39 0.00	149.31 4.83 0.00	261.76 8.08 0.00	148.01 4.96 0.00	141.44 4.74 0.00	152.50 5.16 0.00	150.09 5.05 0.00	165.50 5.54 0.00
GILBOA___2 23757	80.16 2.70 -6.82	54.48 1.91 -0.43	49.23 1.66 0.00	48.99 1.65 0.00	67.71 2.26 0.00	55.27 1.61 -3.64	84.07 2.30 -7.27	68.34 1.92 -4.28	55.80 1.73 0.00	64.77 2.00 0.00	133.75 4.39 0.00	144.21 4.79 0.00	139.17 4.73 0.00	138.83 4.65 0.00	130.78 4.52 0.00	126.79 4.33 0.00	133.37 4.39 0.00	149.31 4.83 0.00	261.76 8.08 0.00	148.01 4.96 0.00	141.44 4.74 0.00	152.50 5.16 0.00	150.09 5.05 0.00	165.50 5.54 0.00

GILBOA___3 23758	80.16 2.70 -6.82	54.48 1.91 -0.43	49.23 1.66 0.00	48.99 1.65 0.00	67.71 2.26 0.00	55.27 1.61 -3.64	84.07 2.30 -7.27	68.34 1.92 -4.28	55.80 1.73 0.00	64.77 2.00 0.00	133.75 4.39 0.00	144.21 4.79 0.00	139.17 4.73 0.00	138.83 4.65 0.00	130.78 4.52 0.00	126.79 4.33 0.00	133.37 4.39 0.00	149.31 4.83 0.00	261.76 8.08 0.00	148.01 4.96 0.00	141.44 4.74 0.00	152.50 5.16 0.00	150.09 5.05 0.00	165.50 5.54 0.00
GILBOA___4 23759	80.16 2.70 -6.82	54.48 1.91 -0.43	49.23 1.66 0.00	48.99 1.65 0.00	67.71 2.26 0.00	55.27 1.61 -3.64	84.07 2.30 -7.27	68.34 1.92 -4.28	55.80 1.73 0.00	64.77 2.00 0.00	133.75 4.39 0.00	144.21 4.79 0.00	139.17 4.73 0.00	138.83 4.65 0.00	130.78 4.52 0.00	126.79 4.33 0.00	133.37 4.39 0.00	149.31 4.83 0.00	261.76 8.08 0.00	148.01 4.96 0.00	141.44 4.74 0.00	152.50 5.16 0.00	150.09 5.05 0.00	165.50 5.54 0.00
GILBOA___ 23599	80.16 2.71 -6.82	54.49 1.91 -0.43	49.24 1.67 0.00	48.99 1.65 0.00	67.71 2.26 0.00	55.27 1.61 -3.64	84.07 2.30 -7.27	68.34 1.92 -4.28	55.80 1.74 0.00	64.77 2.00 0.00	133.75 4.39 0.00	144.21 4.79 0.00	139.17 4.74 0.00	138.83 4.65 0.00	130.78 4.51 0.00	126.79 4.33 0.00	133.37 4.39 0.00	149.31 4.83 0.00	261.76 8.08 0.00	148.00 4.95 0.00	141.44 4.74 0.00	152.50 5.16 0.00	150.11 5.06 0.00	165.51 5.55 0.00
GINNA___ 23603	65.05 -6.67 -1.10	47.21 -4.93 0.00	43.05 -4.52 0.00	42.88 -4.45 0.00	59.32 -6.13 0.00	45.48 -4.54 0.00	67.72 -6.78 0.00	56.52 -5.62 0.00	49.30 -4.77 0.00	57.43 -5.35 0.00	113.40 -12.95 3.01	125.34 -14.08 0.00	120.72 -13.71 0.00	120.96 -13.22 0.00	113.65 -12.62 0.00	110.27 -12.19 0.00	116.79 -12.19 0.00	130.94 -13.54 0.00	232.74 -20.94 0.00	130.37 -12.68 0.00	124.34 -12.37 0.00	132.18 -15.17 0.00	130.20 -14.84 0.00	144.19 -15.77 0.00
GLEN PARK___ 23778	71.06 0.43 0.00	52.22 0.07 0.00	47.69 0.12 0.00	47.34 0.01 0.00	65.51 0.06 0.00	50.34 0.31 0.00	75.23 0.74 0.00	63.09 0.95 0.00	54.65 0.97 0.39	63.97 1.19 0.00	124.76 1.90 6.50	134.04 0.53 5.91	122.44 -0.36 11.63	128.61 0.67 6.24	121.28 0.69 5.67	113.02 0.03 9.47	131.23 2.25 0.00	145.22 3.60 2.85	261.14 9.42 1.96	144.49 5.54 4.09	140.74 4.03 0.00	148.97 2.86 1.23	147.54 2.50 0.00	162.33 2.37 0.00
GLENDALE_27_KV_LOAD 356172	83.85 5.12 -8.10	56.38 3.56 -0.67	50.67 3.10 0.00	50.37 3.04 0.00	69.64 4.20 0.00	59.05 3.30 -5.72	90.69 4.77 -11.42	72.92 4.06 -6.73	57.90 3.83 0.00	67.10 4.33 0.00	139.94 10.57 0.00	151.29 11.50 -0.37	146.22 11.60 -0.18	145.36 11.18 0.00	137.06 10.80 0.00	133.31 10.30 -0.55	140.07 10.66 -0.43	156.45 11.97 0.00	273.61 19.93 0.00	155.10 12.05 0.00	148.45 11.74 0.00	160.05 12.70 0.00	157.41 12.37 0.00	172.73 12.76 0.00
GLENWOOD_IC_1_G5 23712	84.44 5.72 -8.09	56.78 3.96 -0.67	51.04 3.48 0.00	50.74 3.41 0.00	70.17 4.72 0.00	59.49 3.74 -5.72	91.34 5.42 -11.42	73.43 4.56 -6.73	58.15 4.08 0.00	67.54 4.76 0.00	140.29 10.93 0.00	151.35 11.93 0.00	146.41 11.97 0.00	145.61 11.42 0.00	137.60 11.34 0.00	143.84 11.36 -10.02	150.21 11.90 -9.33	157.91 13.39 -0.03	275.22 21.54 0.00	157.62 13.28 -1.29	169.34 13.04 -19.59	161.73 13.76 -0.62	158.99 13.31 -0.63	172.70 12.73 0.00
GLENWOOD_IC_2_G1 23688	84.24 5.51 -8.09	56.64 3.82 -0.67	50.90 3.33 0.00	50.62 3.29 0.00	70.01 4.56 0.00	59.35 3.61 -5.72	91.12 5.21 -11.42	73.24 4.37 -6.73	58.00 3.93 0.00	67.35 4.58 0.00	139.96 10.60 0.00	150.93 11.51 0.00	146.00 11.56 0.00	145.23 11.05 0.00	137.21 10.95 0.00	143.47 10.99 -10.02	149.74 11.43 -9.33	157.36 12.84 -0.03	274.34 20.66 0.00	157.09 12.75 -1.29	168.86 12.56 -19.59	161.19 13.22 -0.62	158.48 12.80 -0.63	172.25 12.28 0.00
GLENWOOD_IC_3_G1 23689	84.24 5.51 -8.09	56.64 3.82 -0.67	50.90 3.33 0.00	50.62 3.29 0.00	70.01 4.56 0.00	59.35 3.61 -5.72	91.12 5.21 -11.42	73.24 4.37 -6.73	58.00 3.93 0.00	67.35 4.58 0.00	139.96 10.60 0.00	150.93 11.51 0.00	146.00 11.56 0.00	145.23 11.05 0.00	137.21 10.95 0.00	143.47 10.99 -10.02	149.74 11.43 -9.33	157.36 12.84 -0.03	274.34 20.66 0.00	157.09 12.75 -1.29	168.86 12.56 -19.59	161.19 13.22 -0.62	158.48 12.80 -0.63	172.25 12.28 0.00
GLENWOOD___4 23550	84.44 5.72 -8.09	56.78 3.96 -0.67	51.04 3.48 0.00	50.74 3.41 0.00	70.17 4.72 0.00	59.49 3.74 -5.72	91.34 5.42 -11.42	73.43 4.56 -6.73	58.15 4.08 0.00	67.54 4.76 0.00	140.29 10.93 0.00	151.35 11.93 0.00	146.41 11.97 0.00	145.61 11.42 0.00	137.60 11.34 0.00	143.84 11.36 -10.02	150.21 11.90 -9.33	157.91 13.39 -0.03	275.22 21.54 0.00	157.62 13.28 -1.29	169.34 13.04 -19.59	161.73 13.76 -0.62	158.99 13.31 -0.63	172.70 12.73 0.00
GLENWOOD___5 23614	84.44 5.72 -8.09	56.78 3.96 -0.67	51.04 3.48 0.00	50.74 3.41 0.00	70.17 4.72 0.00	59.49 3.74 -5.72	91.34 5.42 -11.42	73.43 4.56 -6.73	58.15 4.08 0.00	67.54 4.76 0.00	140.29 10.93 0.00	151.35 11.93 0.00	146.41 11.97 0.00	145.61 11.42 0.00	137.60 11.34 0.00	143.84 11.36 -10.02	150.21 11.90 -9.33	157.91 13.39 -0.03	275.22 21.54 0.00	157.62 13.28 -1.29	169.34 13.04 -19.59	161.73 13.76 -0.62	158.99 13.31 -0.63	172.70 12.73 0.00
GLOBAL GREEN_PORT_GT1 23814	87.35 8.63 -8.09	58.86 6.04 -0.67	52.95 5.38 0.00	52.69 5.36 0.00	73.05 7.60 0.00	61.77 6.02 -5.72	94.77 8.85 -11.42	76.40 7.53 -6.73	60.52 6.45 0.00	70.16 7.39 0.00	144.90 15.54 0.00	156.24 16.81 0.00	150.05 15.61 0.00	145.13 10.95 0.00	136.04 9.77 0.00	142.95 10.48 -10.02	150.43 12.12 -9.33	173.60 14.17 -14.94	281.91 15.97 -12.26	259.46 14.73 -101.68	204.03 14.16 -53.16	263.47 14.09 -102.04	220.49 14.24 -61.21	172.49 12.52 0.00
GLOBE___DSASP 323697	63.32 -8.69 -1.38	45.77 -6.38 0.00	41.52 -6.04 0.00	41.37 -5.96 0.00	57.49 -7.96 0.00	43.98 -6.05 0.00	65.16 -9.33 0.00	54.14 -8.00 0.00	47.26 -6.81 0.00	55.15 -7.62 0.00	104.71 -18.97 5.68	118.19 -21.23 0.00	113.90 -20.54 0.00	114.58 -19.60 0.00	107.66 -18.60 0.00	104.34 -18.12 0.00	110.59 -18.39 0.00	123.63 -20.85 0.00	221.72 -31.96 0.00	123.69 -19.36 0.00	118.27 -18.44 0.00	124.52 -22.83 0.00	123.66 -21.38 0.00	138.32 -21.65 0.00
GOETHSLN___LBMP 323567	82.89 4.17 -8.10	55.68 2.85 -0.67	50.10 2.53 0.00	49.81 2.49 0.00	68.77 3.33 0.00	58.39 2.64 -5.72	89.72 3.80 -11.42	72.04 3.18 -6.73	57.08 3.01 0.00	66.15 3.37 0.00	134.41 8.41 3.36	148.73 9.30 0.00	143.95 9.52 0.00	143.33 9.14 0.00	135.20 8.94 0.00	131.07 8.61 0.00	137.75 8.77 0.00	117.85 9.98 36.61	245.61 16.54 24.61	117.20 9.93 35.78	146.28 9.57 0.00	157.63 10.29 0.00	154.28 10.14 0.90	170.39 10.43 0.00
GOLAH___69_KV_TB 1_2 80279	67.68 -4.09 -1.14	49.09 -3.06 0.00	44.69 -2.88 0.00	44.53 -2.80 0.00	61.72 -3.73 0.00	47.32 -2.71 0.00	70.43 -4.06 0.00	58.75 -3.38 0.00	51.28 -2.78 0.00	59.74 -3.04 0.00	117.06 -8.91 3.40	129.49 -9.94 0.00	124.74 -9.69 0.00	125.06 -9.13 0.00	117.69 -8.57 0.00	114.08 -8.38 0.00	120.96 -8.02 0.00	135.90 -8.58 0.00	242.30 -11.38 0.00	135.60 -7.45 0.00	129.31 -7.40 0.00	137.06 -10.29 0.00	135.24 -9.80 0.00	150.08 -9.88 0.00

GOODYEAR_LAKE_HYD 323669	86.87 2.58 -13.66	56.17 1.79 -2.23	49.18 1.61 0.00	48.96 1.63 0.00	67.72 2.28 0.00	70.67 1.66 -18.98	114.97 2.57 -37.90	86.75 2.29 -22.33	56.23 2.16 0.00	65.31 2.54 0.00	134.42 5.06 0.00	144.71 5.28 0.00	139.56 5.13 0.00	139.20 5.02 0.00	131.20 4.93 0.00	127.26 4.80 0.00	134.68 5.70 0.00	151.13 6.65 0.00	265.72 12.04 0.00	149.94 6.89 0.00	143.04 6.34 0.00	153.59 6.24 0.00	151.19 6.14 0.00	166.23 6.27 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	73.16 -0.66 -3.19	51.77 -0.70 -0.31	46.88 -0.69 0.00	46.70 -0.63 0.00	64.57 -0.87 0.00	52.12 -0.58 -2.67	78.96 -0.87 -5.33	64.60 -0.67 -3.14	53.66 -0.41 0.00	62.30 -0.48 0.00	124.42 -1.91 3.04	137.62 -1.80 0.00	132.58 -1.86 0.00	132.57 -1.61 0.00	124.78 -1.48 0.00	120.92 -1.53 0.00	127.93 -1.05 0.00	143.60 -0.87 0.00	252.54 -1.14 0.00	142.60 -0.45 0.00	135.98 -0.73 0.00	145.60 -1.75 0.00	143.48 -1.57 0.00	158.26 -1.71 0.00
GOUDEY___7 23579	73.16 -0.66 -3.19	51.77 -0.70 -0.31	46.88 -0.69 0.00	46.70 -0.63 0.00	64.57 -0.87 0.00	52.12 -0.58 -2.67	78.96 -0.87 -5.33	64.60 -0.67 -3.14	53.66 -0.41 0.00	62.30 -0.48 0.00	124.42 -1.91 3.04	137.62 -1.80 0.00	132.58 -1.86 0.00	132.57 -1.61 0.00	124.78 -1.48 0.00	120.92 -1.53 0.00	127.93 -1.05 0.00	143.60 -0.87 0.00	252.54 -1.14 0.00	142.60 -0.45 0.00	135.98 -0.73 0.00	145.60 -1.75 0.00	143.48 -1.57 0.00	158.26 -1.71 0.00
GOUDEY___8 23580	73.16 -0.66 -3.19	51.77 -0.70 -0.31	46.88 -0.69 0.00	46.70 -0.63 0.00	64.57 -0.87 0.00	52.12 -0.58 -2.67	78.96 -0.87 -5.33	64.60 -0.67 -3.14	53.66 -0.41 0.00	62.30 -0.48 0.00	124.42 -1.91 3.04	137.62 -1.80 0.00	132.58 -1.86 0.00	132.57 -1.61 0.00	124.78 -1.48 0.00	120.92 -1.53 0.00	127.93 -1.05 0.00	143.60 -0.87 0.00	252.54 -1.14 0.00	142.60 -0.45 0.00	135.98 -0.73 0.00	145.60 -1.75 0.00	143.48 -1.57 0.00	158.26 -1.71 0.00
GOWANUS_GT1_1 24077	99.29 5.24 -23.43	99.12 3.69 -43.27	100.01 3.24 -49.20	100.60 3.19 -50.09	99.64 4.36 -29.84	99.39 3.44 -45.92	101.44 4.94 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.40 -34.72	206.01 10.47 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.04 0.00	144.53 10.67 -7.60	134.92 10.13 -2.33	341.73 10.56 -202.19	864.88 11.78 -708.63	622.53 19.97 -348.88	732.26 12.10 -577.12	1376.38 11.61 -1228.06	954.22 12.66 -794.21	389.97 12.47 -232.45	225.93 12.79 -53.18
GOWANUS_GT1_2 24078	99.29 5.24 -23.43	99.12 3.69 -43.27	100.01 3.24 -49.20	100.60 3.19 -50.09	99.64 4.36 -29.84	99.39 3.44 -45.92	101.44 4.94 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.40 -34.72	206.01 10.47 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.04 0.00	144.53 10.67 -7.60	134.92 10.13 -2.33	341.73 10.56 -202.19	864.88 11.78 -708.63	622.53 19.97 -348.88	732.26 12.10 -577.12	1376.38 11.61 -1228.06	954.22 12.66 -794.21	389.97 12.47 -232.45	225.93 12.79 -53.18
GOWANUS_GT1_3 24079	99.29 5.24 -23.43	99.12 3.69 -43.27	100.01 3.24 -49.20	100.60 3.19 -50.09	99.64 4.36 -29.84	99.39 3.44 -45.92	101.44 4.94 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.40 -34.72	206.01 10.47 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.04 0.00	144.53 10.67 -7.60	134.92 10.13 -2.33	341.73 10.56 -202.19	864.88 11.78 -708.63	622.53 19.97 -348.88	732.26 12.10 -577.12	1376.38 11.61 -1228.06	954.22 12.66 -794.21	389.97 12.47 -232.45	225.93 12.79 -53.18
GOWANUS_GT1_4 24080	99.29 5.24 -23.43	99.12 3.69 -43.27	100.01 3.24 -49.20	100.60 3.19 -50.09	99.64 4.36 -29.84	99.39 3.44 -45.92	101.44 4.94 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.40 -34.72	206.01 10.47 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.04 0.00	144.53 10.67 -7.60	134.92 10.13 -2.33	341.73 10.56 -202.19	864.88 11.78 -708.63	622.53 19.97 -348.88	732.26 12.10 -577.12	1376.38 11.61 -1228.06	954.22 12.66 -794.21	389.97 12.47 -232.45	225.93 12.79 -53.18
GOWANUS_GT1_5 24084	99.29 5.24 -23.43	99.12 3.69 -43.27	100.01 3.24 -49.20	100.60 3.19 -50.09	99.64 4.36 -29.84	99.39 3.44 -45.92	101.44 4.94 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.40 -34.72	206.01 10.47 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.04 0.00	144.53 10.67 -7.60	134.92 10.13 -2.33	341.73 10.56 -202.19	864.88 11.78 -708.63	622.53 19.97 -348.88	732.26 12.10 -577.12	1376.38 11.61 -1228.06	954.22 12.66 -794.21	389.97 12.47 -232.45	225.93 12.79 -53.18
GOWANUS_GT1_6 24111	99.29 5.24 -23.43	99.12 3.69 -43.27	100.01 3.24 -49.20	100.60 3.19 -50.09	99.64 4.36 -29.84	99.39 3.44 -45.92	101.44 4.94 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.40 -34.72	206.01 10.47 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.04 0.00	144.53 10.67 -7.60	134.92 10.13 -2.33	341.73 10.56 -202.19	864.88 11.78 -708.63	622.53 19.97 -348.88	732.26 12.10 -577.12	1376.38 11.61 -1228.06	954.22 12.66 -794.21	389.97 12.47 -232.45	225.93 12.79 -53.18
GOWANUS_GT1_7 24112	99.29 5.24 -23.43	99.12 3.69 -43.27	100.01 3.24 -49.20	100.60 3.19 -50.09	99.64 4.36 -29.84	99.39 3.44 -45.92	101.44 4.94 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.40 -34.72	206.01 10.47 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.04 0.00	144.53 10.67 -7.60	134.92 10.13 -2.33	341.73 10.56 -202.19	864.88 11.78 -708.63	622.53 19.97 -348.88	732.26 12.10 -577.12	1376.38 11.61 -1228.06	954.22 12.66 -794.21	389.97 12.47 -232.45	225.93 12.79 -53.18
GOWANUS_GT1_8 24113	99.29 5.24 -23.43	99.12 3.69 -43.27	100.01 3.24 -49.20	100.60 3.19 -50.09	99.64 4.36 -29.84	99.39 3.44 -45.92	101.44 4.94 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.40 -34.72	206.01 10.47 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.04 0.00	144.53 10.67 -7.60	134.92 10.13 -2.33	341.73 10.56 -202.19	864.88 11.78 -708.63	622.53 19.97 -348.88	732.26 12.10 -577.12	1376.38 11.61 -1228.06	954.22 12.66 -794.21	389.97 12.47 -232.45	225.93 12.79 -53.18
GOWANUS_GT2_1 24114	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.05 0.00	144.53 10.68 -7.60	174.99 10.15 -42.38	372.79 10.53 -233.28	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
GOWANUS_GT2_2 24115	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.05 0.00	144.53 10.68 -7.60	174.99 10.15 -42.38	372.79 10.53 -233.28	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
GOWANUS_GT2_3 24116	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.05 0.00	144.53 10.68 -7.60	174.99 10.15 -42.38	372.79 10.53 -233.28	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18

GOWANUS_GT2_4 24117	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.05 0.00	144.53 10.68 -7.60	174.99 10.15 -42.38	372.79 10.53 -233.28	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
GOWANUS_GT2_5 24118	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.05 0.00	144.53 10.68 -7.60	174.99 10.15 -42.38	372.79 10.53 -233.28	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
GOWANUS_GT2_6 24119	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.05 0.00	144.53 10.68 -7.60	174.99 10.15 -42.38	372.79 10.53 -233.28	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
GOWANUS_GT2_7 24120	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.05 0.00	144.53 10.68 -7.60	174.99 10.15 -42.38	372.79 10.53 -233.28	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
GOWANUS_GT2_8 24121	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.05 0.00	144.53 10.68 -7.60	174.99 10.15 -42.38	372.79 10.53 -233.28	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
GOWANUS_GT3_1 24122	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.05 0.00	144.53 10.68 -7.60	134.94 10.15 -2.33	341.69 10.53 -202.19	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.37 11.60 -1228.06	954.22 12.66 -794.21	389.96 12.47 -232.45	225.94 12.80 -53.18
GOWANUS_GT3_2 24123	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.05 0.00	144.53 10.68 -7.60	134.94 10.15 -2.33	341.69 10.53 -202.19	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.37 11.60 -1228.06	954.22 12.66 -794.21	389.96 12.47 -232.45	225.94 12.80 -53.18
GOWANUS_GT3_3 24124	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.05 0.00	144.53 10.68 -7.60	134.94 10.15 -2.33	341.69 10.53 -202.19	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.37 11.60 -1228.06	954.22 12.66 -794.21	389.96 12.47 -232.45	225.94 12.80 -53.18
GOWANUS_GT3_4 24125	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.05 0.00	144.53 10.68 -7.60	134.94 10.15 -2.33	341.69 10.53 -202.19	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.37 11.60 -1228.06	954.22 12.66 -794.21	389.96 12.47 -232.45	225.94 12.80 -53.18
GOWANUS_GT3_5 24126	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.05 0.00	144.53 10.68 -7.60	134.94 10.15 -2.33	341.69 10.53 -202.19	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.37 11.60 -1228.06	954.22 12.66 -794.21	389.96 12.47 -232.45	225.94 12.80 -53.18
GOWANUS_GT3_6 24127	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.05 0.00	144.53 10.68 -7.60	134.94 10.15 -2.33	341.69 10.53 -202.19	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.37 11.60 -1228.06	954.22 12.66 -794.21	389.96 12.47 -232.45	225.94 12.80 -53.18
GOWANUS_GT3_7 24128	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.05 0.00	144.53 10.68 -7.60	134.94 10.15 -2.33	341.69 10.53 -202.19	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.37 11.60 -1228.06	954.22 12.66 -794.21	389.96 12.47 -232.45	225.94 12.80 -53.18
GOWANUS_GT3_8 24129	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.05 0.00	144.53 10.68 -7.60	134.94 10.15 -2.33	341.69 10.53 -202.19	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.37 11.60 -1228.06	954.22 12.66 -794.21	389.96 12.47 -232.45	225.94 12.80 -53.18
GOWANUS_GT4_1 24130	99.29 5.24 -23.43	99.12 3.69 -43.27	100.01 3.24 -49.20	100.60 3.19 -50.09	99.64 4.36 -29.84	99.39 3.44 -45.92	101.44 4.94 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.40 -34.72	206.01 10.47 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.04 0.00	144.53 10.67 -7.60	174.98 10.13 -42.38	372.82 10.56 -233.28	864.88 11.78 -708.63	622.53 19.97 -348.88	732.26 12.10 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.98 12.48 -232.45	225.93 12.79 -53.18
GOWANUS_GT4_2 24131	99.29 5.24 -23.43	99.12 3.69 -43.27	100.01 3.24 -49.20	100.60 3.19 -50.09	99.64 4.36 -29.84	99.39 3.44 -45.92	101.44 4.94 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.40 -34.72	206.01 10.47 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.04 0.00	144.53 10.67 -7.60	174.98 10.13 -42.38	372.82 10.56 -233.28	864.88 11.78 -708.63	622.53 19.97 -348.88	732.26 12.10 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.98 12.48 -232.45	225.93 12.79 -53.18

GOWANUS_GT4_3 24132	99.29 5.24 -23.43	99.12 3.69 -43.27	100.01 3.24 -49.20	100.60 3.19 -50.09	99.64 4.36 -29.84	99.39 3.44 -45.92	101.44 4.94 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.40 -34.72	206.01 10.47 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.04 0.00	144.53 10.67 -7.60	174.98 10.13 -42.38	372.82 10.56 -233.28	864.88 11.78 -708.63	622.53 19.97 -348.88	732.26 12.10 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.98 12.48 -232.45	225.93 12.79 -53.18
GOWANUS_GT4_4 24133	99.29 5.24 -23.43	99.12 3.69 -43.27	100.01 3.24 -49.20	100.60 3.19 -50.09	99.64 4.36 -29.84	99.39 3.44 -45.92	101.44 4.94 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.40 -34.72	206.01 10.47 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.04 0.00	144.53 10.67 -7.60	174.98 10.13 -42.38	372.82 10.56 -233.28	864.88 11.78 -708.63	622.53 19.97 -348.88	732.26 12.10 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.98 12.48 -232.45	225.93 12.79 -53.18
GOWANUS_GT4_5 24134	99.29 5.24 -23.43	99.12 3.69 -43.27	100.01 3.24 -49.20	100.60 3.19 -50.09	99.64 4.36 -29.84	99.39 3.44 -45.92	101.44 4.94 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.40 -34.72	206.01 10.47 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.04 0.00	144.53 10.67 -7.60	174.98 10.13 -42.38	372.82 10.56 -233.28	864.88 11.78 -708.63	622.53 19.97 -348.88	732.26 12.10 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.98 12.48 -232.45	225.93 12.79 -53.18
GOWANUS_GT4_6 24135	99.29 5.24 -23.43	99.12 3.69 -43.27	100.01 3.24 -49.20	100.60 3.19 -50.09	99.64 4.36 -29.84	99.39 3.44 -45.92	101.44 4.94 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.40 -34.72	206.01 10.47 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.04 0.00	144.53 10.67 -7.60	174.98 10.13 -42.38	372.82 10.56 -233.28	864.88 11.78 -708.63	622.53 19.97 -348.88	732.26 12.10 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.98 12.48 -232.45	225.93 12.79 -53.18
GOWANUS_GT4_7 24136	99.29 5.24 -23.43	99.12 3.69 -43.27	100.01 3.24 -49.20	100.60 3.19 -50.09	99.64 4.36 -29.84	99.39 3.44 -45.92	101.44 4.94 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.40 -34.72	206.01 10.47 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.04 0.00	144.53 10.67 -7.60	174.98 10.13 -42.38	372.82 10.56 -233.28	864.88 11.78 -708.63	622.53 19.97 -348.88	732.26 12.10 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.98 12.48 -232.45	225.93 12.79 -53.18
GOWANUS_GT4_8 24137	99.29 5.24 -23.43	99.12 3.69 -43.27	100.01 3.24 -49.20	100.60 3.19 -50.09	99.64 4.36 -29.84	99.39 3.44 -45.92	101.44 4.94 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.40 -34.72	206.01 10.47 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.04 0.00	144.53 10.67 -7.60	174.98 10.13 -42.38	372.82 10.56 -233.28	864.88 11.78 -708.63	622.53 19.97 -348.88	732.26 12.10 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.98 12.48 -232.45	225.93 12.79 -53.18
GREENBSH_115KV_TB3 55895	96.99 3.19 -23.18	58.21 2.29 -3.77	49.60 2.04 0.00	49.33 2.00 0.00	68.20 2.75 0.00	84.17 2.09 -32.06	141.36 2.88 -63.98	102.01 2.17 -37.71	55.90 1.83 0.00	64.96 2.18 0.00	134.03 4.67 0.00	144.47 5.04 0.00	139.38 4.95 0.00	139.09 4.91 0.00	130.87 4.61 0.00	126.36 3.90 0.00	132.45 3.47 0.00	148.72 4.24 0.00	260.79 7.11 0.00	147.14 4.09 0.00	140.69 3.98 0.00	151.60 4.25 0.00	149.48 4.43 0.00	166.00 6.04 0.00
GREENIDGE_115KV_TB5 80291	70.23 -2.35 -1.95	50.46 -1.87 -0.19	46.05 -1.52 0.00	45.94 -1.39 0.00	63.28 -2.17 0.00	50.11 -1.52 -1.60	75.30 -2.39 -3.19	62.34 -1.68 -1.88	52.72 -1.35 0.00	61.30 -1.48 0.00	107.11 -6.65 15.61	132.49 -6.93 0.00	127.55 -6.89 0.00	127.22 -6.96 0.00	119.76 -6.50 0.00	116.62 -5.84 0.00	123.95 -5.03 0.00	139.58 -4.90 0.00	247.18 -6.50 0.00	139.00 -4.05 0.00	132.06 -4.65 0.00	140.83 -6.52 0.00	138.67 -6.37 0.00	152.89 -7.07 0.00
GREENIDGE___3 23582	70.23 -2.35 -1.95	50.46 -1.87 -0.19	46.05 -1.52 0.00	45.94 -1.39 0.00	63.28 -2.17 0.00	50.11 -1.52 -1.60	75.30 -2.39 -3.19	62.34 -1.68 -1.88	52.72 -1.35 0.00	61.30 -1.48 0.00	107.11 -6.65 15.61	132.49 -6.93 0.00	127.55 -6.89 0.00	127.22 -6.96 0.00	119.76 -6.50 0.00	116.62 -5.84 0.00	123.95 -5.03 0.00	139.58 -4.90 0.00	247.18 -6.50 0.00	139.00 -4.05 0.00	132.06 -4.65 0.00	140.83 -6.52 0.00	138.67 -6.37 0.00	152.89 -7.07 0.00
GREENIDGE___4 23583	70.23 -2.34 -1.95	50.47 -1.87 -0.19	46.05 -1.52 0.00	45.94 -1.39 0.00	63.27 -2.18 0.00	50.11 -1.52 -1.60	75.29 -2.39 -3.19	62.32 -1.69 -1.88	52.72 -1.35 0.00	61.30 -1.48 0.00	107.04 -6.71 15.61	132.46 -6.96 0.00	127.54 -6.90 0.00	127.20 -6.98 0.00	119.69 -6.57 0.00	116.54 -5.91 0.00	123.96 -5.02 0.00	139.58 -4.90 0.00	247.16 -6.52 0.00	138.99 -4.06 0.00	132.03 -4.67 0.00	140.83 -6.51 0.00	138.67 -6.37 0.00	152.89 -7.07 0.00
GREENLWN_69_KV_BK 3 55738	84.23 5.51 -8.09	56.61 3.79 -0.67	50.90 3.33 0.00	50.60 3.27 0.00	69.98 4.54 0.00	59.31 3.56 -5.72	90.85 4.93 -11.42	72.95 4.09 -6.73	57.70 3.63 0.00	66.99 4.21 0.00	139.24 9.87 0.00	150.16 10.73 0.00	145.44 11.00 0.00	144.52 10.34 0.00	136.65 10.38 0.00	143.10 10.62 -10.02	149.35 11.04 -9.33	154.90 12.31 1.89	270.24 18.14 1.58	143.34 11.97 11.68	163.97 12.01 -15.26	147.52 12.63 12.47	150.15 12.30 7.19	170.50 10.54 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	99.29 5.24 -23.43	99.12 3.69 -43.27	100.01 3.24 -49.20	100.60 3.19 -50.09	99.64 4.36 -29.84	99.39 3.44 -45.92	101.44 4.94 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.40 -34.72	206.01 10.47 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.04 0.00	144.53 10.67 -7.60	134.92 10.13 -2.33	341.73 10.56 -202.19	864.88 11.78 -708.63	622.53 19.97 -348.88	732.26 12.10 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.98 12.48 -232.45	225.93 12.79 -53.18
GRISSOM___SOLAR 323813	114.34 4.39 -39.32	62.71 3.20 -7.36	50.46 2.88 0.00	50.21 2.89 0.00	69.52 4.07 0.00	115.81 3.20 -62.59	204.37 4.95 -124.92	139.98 4.24 -73.62	57.69 3.62 0.00	66.70 3.92 0.00	137.34 7.97 0.00	147.81 8.39 0.00	142.36 7.92 0.00	142.02 7.84 0.00	134.14 7.88 0.00	130.39 7.93 0.00	137.93 8.95 0.00	155.29 10.81 0.00	273.53 19.85 0.00	153.98 10.93 0.00	146.91 10.20 0.00	157.70 10.36 0.00	155.16 10.12 0.00	170.60 10.63 0.00
GROVEVILLE___HYD 323602	83.81 4.96 -8.23	56.33 3.49 -0.70	50.64 3.07 0.00	50.36 3.03 0.00	69.61 4.16 0.00	59.29 3.34 -5.93	91.29 4.96 -11.83	73.31 4.20 -6.97	57.93 3.86 0.00	67.21 4.43 0.00	139.26 9.90 0.00	150.19 10.77 0.00	145.12 10.68 0.00	144.53 10.35 0.00	136.23 9.97 0.00	132.18 9.72 0.00	139.21 10.23 0.00	156.41 11.93 0.00	274.15 20.47 0.00	155.12 12.07 0.00	148.17 11.46 0.00	159.44 12.09 0.00	156.71 11.66 0.00	172.15 12.18 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	70.39 -1.19 -0.95	51.21 -0.95 0.00	46.79 -0.78 0.00	46.58 -0.75 0.00	64.26 -1.19 0.00	49.21 -0.82 0.00	73.28 -1.22 0.00	61.19 -0.94 0.00	53.36 -0.71 0.00	62.02 -0.76 0.00	127.12 -2.25 0.00	136.90 -2.52 0.00	131.78 -2.65 0.00	131.73 -2.45 0.00	124.03 -2.23 0.00	120.29 -2.16 0.00	127.23 -1.74 0.00	142.89 -1.59 0.00	252.05 -1.63 0.00	141.92 -1.12 0.00	135.23 -1.47 0.00	144.81 -2.54 0.00	142.43 -2.61 0.00	157.07 -2.89 0.00

HAMLTNNY_34_KV_TB 80303	70.24 -1.39 -1.01	51.04 -1.10 0.00	46.64 -0.93 0.00	46.46 -0.87 0.00	64.09 -1.35 0.00	49.09 -0.94 0.00	73.04 -1.46 0.00	61.00 -1.14 0.00	53.20 -0.87 0.00	61.81 -0.97 0.00	126.52 -2.84 0.00	136.23 -3.20 0.00	131.17 -3.27 0.00	131.11 -3.07 0.00	123.42 -2.84 0.00	119.75 -2.71 0.00	126.74 -2.24 0.00	142.28 -2.20 0.00	251.24 -2.44 0.00	141.41 -1.64 0.00	134.74 -1.97 0.00	144.22 -3.13 0.00	141.84 -3.20 0.00	156.45 -3.52 0.00
HAMPSHIRE___PAPER_HYD 323593	69.92 -0.71 0.00	51.49 -0.66 0.00	46.97 -0.60 0.00	46.63 -0.70 0.00	64.52 -0.92 0.00	49.45 -0.58 0.00	73.85 -0.65 0.00	61.77 -0.36 0.00	52.64 -0.36 1.07	62.54 -0.24 0.00	111.02 -0.48 17.86	121.90 -1.29 16.23	100.93 -1.57 31.94	115.87 -1.18 17.14	107.58 -1.68 17.00	94.08 -2.37 26.00	127.50 -1.47 0.00	134.33 -2.32 7.83	245.23 -3.07 5.38	130.57 -1.24 11.24	134.62 -2.09 0.00	141.65 -2.32 3.37	143.00 -2.05 0.00	158.23 -1.73 0.00
HARDSCRABBLE_WT_PWR 323673	73.93 3.30 0.00	54.43 2.28 0.00	49.57 2.00 0.00	49.31 1.99 0.00	68.21 2.76 0.00	52.18 2.15 0.00	77.74 3.24 0.00	64.87 2.74 0.00	56.62 2.44 -0.11	65.39 2.61 0.00	136.82 5.59 -1.86	147.18 6.06 -1.69	143.53 5.76 -3.33	141.79 5.82 -1.79	133.67 5.69 -1.71	130.68 5.51 -2.71	134.49 5.51 0.00	152.32 7.02 -0.82	266.13 11.89 -0.56	151.23 7.01 -1.17	143.13 6.42 0.00	154.23 6.53 -0.35	151.42 6.37 0.00	167.28 7.32 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	82.44 4.20 -7.60	55.72 2.94 -0.63	50.14 2.57 0.00	49.86 2.53 0.00	68.91 3.47 0.00	58.18 2.79 -5.36	89.30 4.11 -10.70	71.91 3.47 -6.30	57.27 3.20 0.00	66.42 3.64 0.00	137.72 8.36 0.00	148.50 9.07 0.00	143.46 9.03 0.00	142.80 8.62 0.00	134.62 8.35 0.00	130.58 8.12 0.00	137.50 8.52 0.00	154.48 10.00 0.00	270.80 17.12 0.00	153.13 10.08 0.00	146.31 9.60 0.00	157.51 10.16 0.00	154.90 9.86 0.00	170.24 10.28 0.00
HARSNRAD_115KV_TB1 81005	64.46 -7.53 -1.36	46.63 -5.52 0.00	42.30 -5.27 0.00	42.17 -5.16 0.00	58.56 -6.89 0.00	44.86 -5.17 0.00	66.51 -7.99 0.00	55.22 -6.91 0.00	48.18 -5.89 0.00	56.22 -6.56 0.00	106.94 -16.92 5.51	120.85 -18.57 0.00	116.48 -17.96 0.00	117.14 -17.04 0.00	110.11 -16.15 0.00	106.68 -15.78 0.00	113.14 -15.84 0.00	126.54 -17.94 0.00	226.90 -26.78 0.00	126.60 -16.45 0.00	120.98 -15.72 0.00	127.40 -19.94 0.00	126.46 -18.58 0.00	141.25 -18.71 0.00
HARZA MOOSE___RIVER 24016	71.17 0.54 0.00	52.43 0.28 0.00	47.84 0.27 0.00	47.51 0.18 0.00	65.74 0.29 0.00	50.41 0.39 0.00	75.23 0.74 0.00	62.90 0.76 0.00	54.65 0.80 0.22	64.11 1.33 0.00	128.79 3.10 3.67	138.74 2.65 3.34	130.28 2.41 6.57	134.04 3.39 3.53	126.24 3.15 3.16	119.20 2.09 5.35	132.52 3.54 0.00	145.70 2.83 1.61	259.06 6.49 1.11	144.77 4.03 2.31	139.25 2.54 0.00	148.40 1.74 0.69	146.59 1.55 0.00	161.59 1.63 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	68.59 -2.04 0.00	50.58 -1.57 0.00	46.22 -1.35 0.00	46.01 -1.32 0.00	63.46 -1.99 0.00	48.59 -1.44 0.00	72.38 -2.12 0.00	60.43 -1.70 0.00	52.69 -1.38 0.00	61.24 -1.53 0.00	125.55 -3.81 0.00	135.24 -4.18 0.00	130.24 -4.20 0.00	130.21 -3.97 0.00	122.55 -3.71 0.00	118.84 -3.61 0.00	125.53 -3.44 0.00	140.97 -3.50 0.00	248.51 -5.16 0.00	139.97 -3.08 0.00	133.48 -3.22 0.00	142.93 -4.42 0.00	140.64 -4.41 0.00	155.15 -4.81 0.00
HELLGATE_13_KV_LD 55870	83.55 4.82 -8.10	56.15 3.33 -0.67	50.48 2.90 0.00	50.18 2.85 0.00	69.37 3.93 0.00	58.82 3.07 -5.72	90.34 4.42 -11.42	72.62 3.76 -6.73	57.62 3.55 0.00	66.76 3.99 0.00	139.32 9.96 0.00	150.25 10.83 0.00	145.40 10.96 0.00	144.70 10.52 0.00	136.45 10.18 0.00	132.13 9.67 0.00	138.97 9.99 0.00	155.65 11.17 0.00	272.12 18.44 0.00	154.30 11.25 0.00	147.69 10.99 0.00	159.27 11.92 0.00	156.66 11.61 0.00	171.97 12.00 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	83.55 4.82 -8.10	56.15 3.33 -0.67	50.48 2.90 0.00	50.18 2.85 0.00	69.37 3.93 0.00	58.82 3.07 -5.72	90.34 4.42 -11.42	72.62 3.76 -6.73	57.62 3.55 0.00	66.76 3.99 0.00	139.32 9.96 0.00	150.25 10.83 0.00	145.40 10.96 0.00	144.70 10.52 0.00	136.45 10.18 0.00	132.13 9.67 0.00	138.97 9.99 0.00	155.65 11.17 0.00	272.12 18.44 0.00	154.30 11.25 0.00	147.69 10.99 0.00	159.27 11.92 0.00	156.66 11.61 0.00	171.97 12.00 0.00
HEMPSTEAD____ 23647	84.17 5.45 -8.09	56.58 3.76 -0.67	50.86 3.29 0.00	50.56 3.23 0.00	69.94 4.49 0.00	59.30 3.55 -5.72	91.03 5.12 -11.42	73.18 4.31 -6.73	57.93 3.86 0.00	67.26 4.49 0.00	139.74 10.37 0.00	150.77 11.35 0.00	145.79 11.35 0.00	144.97 10.79 0.00	137.02 10.76 0.00	143.36 10.88 -10.02	149.67 11.36 -9.33	157.23 12.72 -0.03	273.97 20.29 0.00	156.97 12.64 -1.29	168.85 12.55 -19.59	161.14 13.17 -0.62	158.43 12.75 -0.63	171.97 12.01 0.00
HEWLETT_69_KV_BK3 55828	84.58 5.86 -8.09	56.88 4.06 -0.67	51.10 3.53 0.00	50.82 3.49 0.00	70.27 4.83 0.00	59.57 3.82 -5.72	91.46 5.54 -11.42	73.51 4.64 -6.73	58.21 4.14 0.00	67.63 4.85 0.00	140.59 11.23 0.00	151.67 12.24 0.00	146.69 12.25 0.00	145.94 11.76 0.00	137.86 11.60 0.00	144.11 11.63 -10.02	150.36 12.05 -9.33	158.11 13.60 -0.03	275.71 22.03 0.00	157.88 13.54 -1.29	169.49 13.19 -19.59	162.04 14.07 -0.62	159.31 13.63 -0.63	173.19 13.23 0.00
HICKLING___1 23621	70.96 -2.11 -2.45	50.40 -1.99 -0.23	45.61 -1.96 0.00	45.49 -1.83 0.00	63.04 -2.41 0.00	50.32 -1.70 -1.99	75.88 -2.59 -3.98	62.43 -2.05 -2.34	52.55 -1.52 0.00	61.05 -1.72 0.00	108.54 -5.76 15.05	134.44 -4.99 0.00	129.42 -5.02 0.00	129.65 -4.53 0.00	122.04 -4.22 0.00	118.20 -4.26 0.00	125.56 -3.42 0.00	141.08 -3.41 0.00	248.62 -5.05 0.00	140.39 -2.66 0.00	133.50 -3.21 0.00	142.30 -5.05 0.00	140.46 -4.58 0.00	155.00 -4.96 0.00
HICKLING___2 23622	70.96 -2.11 -2.45	50.40 -1.99 -0.23	45.61 -1.96 0.00	45.49 -1.83 0.00	63.04 -2.41 0.00	50.32 -1.70 -1.99	75.88 -2.59 -3.98	62.43 -2.05 -2.34	52.55 -1.52 0.00	61.05 -1.72 0.00	108.54 -5.76 15.05	134.44 -4.99 0.00	129.42 -5.02 0.00	129.65 -4.53 0.00	122.04 -4.22 0.00	118.20 -4.26 0.00	125.56 -3.42 0.00	141.08 -3.41 0.00	248.62 -5.05 0.00	140.39 -2.66 0.00	133.50 -3.21 0.00	142.30 -5.05 0.00	140.46 -4.58 0.00	155.00 -4.96 0.00
HIGH FALLS___HY 23754	84.84 4.83 -9.38	56.47 3.36 -0.96	50.55 2.98 0.00	50.27 2.94 0.00	69.50 4.06 0.00	61.45 3.29 -8.14	95.73 4.99 -16.24	75.97 4.26 -9.57	58.05 3.98 0.00	67.33 4.55 0.00	139.47 10.10 0.00	150.40 10.98 0.00	145.21 10.77 0.00	144.43 10.25 0.00	136.17 9.91 0.00	132.40 9.95 0.00	139.65 10.67 0.00	156.96 12.48 0.00	275.36 21.68 0.00	155.80 12.75 0.00	148.84 12.13 0.00	160.08 12.73 0.00	157.17 12.13 0.00	172.35 12.39 0.00
HIGH_RIVER___SOLAR 323847	115.48 3.45 -41.40	62.41 2.48 -7.77	49.80 2.23 0.00	49.55 2.23 0.00	68.55 3.10 0.00	118.57 2.43 -66.12	210.13 3.66 -131.97	143.00 3.09 -77.77	56.77 2.70 0.00	65.77 2.99 0.00	135.57 6.21 0.00	145.90 6.48 0.00	140.68 6.24 0.00	140.51 6.33 0.00	132.49 6.23 0.00	128.56 6.10 0.00	135.70 6.72 0.00	152.45 7.97 0.00	267.91 14.23 0.00	151.02 7.97 0.00	144.19 7.49 0.00	155.08 7.73 0.00	152.54 7.49 0.00	168.03 8.06 0.00

HILLBURN___GT 23639	82.34 4.01 -7.71	55.58 2.79 -0.64	49.99 2.42 0.00	49.71 2.39 0.00	68.70 3.25 0.00	58.10 2.64 -5.43	89.19 3.85 -10.84	71.77 3.24 -6.39	57.09 3.02 0.00	66.16 3.39 0.00	137.35 7.99 0.00	148.08 8.66 0.00	143.11 8.67 0.00	142.48 8.30 0.00	134.38 8.12 0.00	130.35 7.89 0.00	137.09 8.11 0.00	153.84 9.36 0.00	269.54 15.85 0.00	152.47 9.42 0.00	145.74 9.03 0.00	156.94 9.59 0.00	154.44 9.40 0.00	169.75 9.79 0.00
HILLSIDE_115KV_TB1 80332	70.53 -2.63 -2.53	50.07 -2.33 -0.24	45.33 -2.24 0.00	45.19 -2.14 0.00	62.59 -2.86 0.00	50.03 -2.06 -2.06	75.51 -3.10 -4.12	62.03 -2.53 -2.43	52.17 -1.90 0.00	60.54 -2.24 0.00	108.66 -6.51 14.19	133.22 -6.20 0.00	128.25 -6.18 0.00	128.48 -5.70 0.00	120.93 -5.34 0.00	117.00 -5.46 0.00	124.20 -4.78 0.00	139.51 -4.97 0.00	245.22 -8.46 0.00	138.73 -4.33 0.00	132.07 -4.64 0.00	140.94 -6.41 0.00	139.05 -6.00 0.00	153.35 -6.61 0.00
HISHELDN_WT_PWR 323625	66.45 -5.95 -1.76	47.56 -4.75 -0.17	42.92 -4.64 0.00	42.84 -4.49 0.00	59.39 -6.06 0.00	46.95 -4.52 -1.44	70.26 -7.10 -2.87	57.90 -5.93 -1.69	49.06 -5.01 0.00	57.18 -5.60 0.00	105.18 -14.98 9.20	125.75 -13.67 0.00	121.45 -12.98 0.00	121.91 -12.27 0.00	114.65 -11.62 0.00	111.02 -11.44 0.00	117.88 -11.10 0.00	131.96 -12.51 0.00	235.50 -18.18 0.00	131.86 -11.19 0.00	125.56 -11.15 0.00	132.99 -14.36 0.00	131.80 -13.24 0.00	146.52 -13.44 0.00
HOLTSVILLE_IC_1 23690	84.88 6.15 -8.09	57.03 4.21 -0.67	51.28 3.71 0.00	51.00 3.67 0.00	70.59 5.14 0.00	59.80 4.05 -5.72	91.64 5.72 -11.42	73.68 4.82 -6.73	58.31 4.24 0.00	67.76 4.98 0.00	140.42 11.06 0.00	151.50 12.08 0.00	146.42 11.98 0.00	145.11 10.93 0.00	137.23 10.97 0.00	143.82 11.34 -10.02	150.58 12.27 -9.33	173.53 14.05 -15.00	287.34 21.36 -12.30	258.79 13.71 -102.03	203.64 13.66 -53.28	264.00 14.26 -102.39	220.36 13.89 -61.42	172.18 12.22 0.00
HOLTSVILLE_IC_10 23699	85.25 6.52 -8.09	57.31 4.48 -0.67	51.51 3.94 0.00	51.26 3.93 0.00	70.94 5.49 0.00	60.08 4.33 -5.72	92.09 6.17 -11.42	74.08 5.22 -6.73	58.63 4.56 0.00	68.11 5.34 0.00	141.10 11.74 0.00	152.24 12.81 0.00	147.10 12.67 0.00	145.76 11.58 0.00	137.90 11.63 0.00	144.51 12.04 -10.02	151.45 13.14 -9.33	174.07 15.14 -14.45	288.52 22.99 -11.86	255.98 14.57 -98.36	203.40 14.64 -52.05	261.35 15.33 -98.68	219.15 14.90 -59.20	173.26 13.30 0.00
HOLTSVILLE_IC_2 23691	84.88 6.15 -8.09	57.03 4.21 -0.67	51.28 3.71 0.00	51.00 3.67 0.00	70.59 5.14 0.00	59.80 4.05 -5.72	91.64 5.72 -11.42	73.68 4.82 -6.73	58.31 4.24 0.00	67.76 4.98 0.00	140.42 11.06 0.00	151.50 12.08 0.00	146.42 11.98 0.00	145.11 10.93 0.00	137.23 10.97 0.00	143.82 11.34 -10.02	150.58 12.27 -9.33	173.53 14.05 -15.00	287.34 21.36 -12.30	258.79 13.71 -102.03	203.64 13.66 -53.28	264.00 14.26 -102.39	220.36 13.89 -61.42	172.18 12.22 0.00
HOLTSVILLE_IC_3 23692	84.88 6.15 -8.09	57.03 4.21 -0.67	51.28 3.71 0.00	51.00 3.67 0.00	70.59 5.14 0.00	59.80 4.05 -5.72	91.64 5.72 -11.42	73.68 4.82 -6.73	58.31 4.24 0.00	67.76 4.98 0.00	140.42 11.06 0.00	151.50 12.08 0.00	146.42 11.98 0.00	145.11 10.93 0.00	137.23 10.97 0.00	143.82 11.34 -10.02	150.58 12.27 -9.33	173.53 14.05 -15.00	287.34 21.36 -12.30	258.79 13.71 -102.03	203.64 13.66 -53.28	264.00 14.26 -102.39	220.36 13.89 -61.42	172.18 12.22 0.00
HOLTSVILLE_IC_4 23693	84.88 6.15 -8.09	57.03 4.21 -0.67	51.28 3.71 0.00	51.00 3.67 0.00	70.59 5.14 0.00	59.80 4.05 -5.72	91.64 5.72 -11.42	73.68 4.82 -6.73	58.31 4.24 0.00	67.76 4.98 0.00	140.42 11.06 0.00	151.50 12.08 0.00	146.42 11.98 0.00	145.11 10.93 0.00	137.23 10.97 0.00	143.82 11.34 -10.02	150.58 12.27 -9.33	173.53 14.05 -15.00	287.34 21.36 -12.30	258.79 13.71 -102.03	203.64 13.66 -53.28	264.00 14.26 -102.39	220.36 13.89 -61.42	172.18 12.22 0.00
HOLTSVILLE_IC_5 23694	84.88 6.15 -8.09	57.03 4.21 -0.67	51.28 3.71 0.00	51.00 3.67 0.00	70.59 5.14 0.00	59.80 4.05 -5.72	91.64 5.72 -11.42	73.68 4.82 -6.73	58.31 4.24 0.00	67.76 4.98 0.00	140.42 11.06 0.00	151.50 12.08 0.00	146.42 11.98 0.00	145.11 10.93 0.00	137.23 10.97 0.00	143.82 11.34 -10.02	150.58 12.27 -9.33	173.53 14.05 -15.00	287.34 21.36 -12.30	258.79 13.71 -102.03	203.64 13.66 -53.28	264.00 14.26 -102.39	220.36 13.89 -61.42	172.18 12.22 0.00
HOLTSVILLE_IC_6 23695	85.25 6.52 -8.09	57.31 4.48 -0.67	51.51 3.94 0.00	51.26 3.93 0.00	70.94 5.49 0.00	60.08 4.33 -5.72	92.09 6.17 -11.42	74.08 5.22 -6.73	58.63 4.56 0.00	68.11 5.34 0.00	141.10 11.74 0.00	152.24 12.81 0.00	147.10 12.67 0.00	145.76 11.58 0.00	137.90 11.63 0.00	144.51 12.04 -10.02	151.45 13.14 -9.33	174.07 15.14 -14.45	288.52 22.99 -11.86	255.98 14.57 -98.36	203.40 14.64 -52.05	261.35 15.33 -98.68	219.15 14.90 -59.20	173.26 13.30 0.00
HOLTSVILLE_IC_7 23696	85.25 6.52 -8.09	57.31 4.48 -0.67	51.51 3.94 0.00	51.26 3.93 0.00	70.94 5.49 0.00	60.08 4.33 -5.72	92.09 6.17 -11.42	74.08 5.22 -6.73	58.63 4.56 0.00	68.11 5.34 0.00	141.10 11.74 0.00	152.24 12.81 0.00	147.10 12.67 0.00	145.76 11.58 0.00	137.90 11.63 0.00	144.51 12.04 -10.02	151.45 13.14 -9.33	174.07 15.14 -14.45	288.52 22.99 -11.86	255.98 14.57 -98.36	203.40 14.64 -52.05	261.35 15.33 -98.68	219.15 14.90 -59.20	173.26 13.30 0.00
HOLTSVILLE_IC_8 23697	85.25 6.52 -8.09	57.31 4.48 -0.67	51.51 3.94 0.00	51.26 3.93 0.00	70.94 5.49 0.00	60.08 4.33 -5.72	92.09 6.17 -11.42	74.08 5.22 -6.73	58.63 4.56 0.00	68.11 5.34 0.00	141.10 11.74 0.00	152.24 12.81 0.00	147.10 12.67 0.00	145.76 11.58 0.00	137.90 11.63 0.00	144.51 12.04 -10.02	151.45 13.14 -9.33	174.07 15.14 -14.45	288.52 22.99 -11.86	255.98 14.57 -98.36	203.40 14.64 -52.05	261.35 15.33 -98.68	219.15 14.90 -59.20	173.26 13.30 0.00
HOLTSVILLE_IC_9 23698	85.25 6.52 -8.09	57.31 4.48 -0.67	51.51 3.94 0.00	51.26 3.93 0.00	70.94 5.49 0.00	60.08 4.33 -5.72	92.09 6.17 -11.42	74.08 5.22 -6.73	58.63 4.56 0.00	68.11 5.34 0.00	141.10 11.74 0.00	152.24 12.81 0.00	147.10 12.67 0.00	145.76 11.58 0.00	137.90 11.63 0.00	144.51 12.04 -10.02	151.45 13.14 -9.33	174.07 15.14 -14.45	288.52 22.99 -11.86	255.98 14.57 -98.36	203.40 14.64 -52.05	261.35 15.33 -98.68	219.15 14.90 -59.20	173.26 13.30 0.00
HOMER_HL_115KV_TB2 355744	69.46 -3.01 -1.84	50.03 -2.29 -0.18	45.25 -2.32 0.00	45.13 -2.20 0.00	62.54 -2.91 0.00	49.30 -2.22 -1.50	73.58 -3.90 -2.99	60.56 -3.34 -1.76	51.21 -2.87 0.00	59.64 -3.14 0.00	113.42 -8.30 7.64	131.15 -8.27 0.00	126.76 -7.68 0.00	127.18 -7.00 0.00	119.54 -6.72 0.00	115.33 -7.13 0.00	121.41 -7.56 0.00	135.92 -8.56 0.00	241.62 -12.06 0.00	135.60 -7.45 0.00	129.50 -7.21 0.00	137.55 -9.80 0.00	137.20 -7.84 0.00	152.61 -7.35 0.00
HOWARD_WT_PWR 323690	67.46 -5.23 -2.06	48.14 -4.20 -0.20	43.32 -4.25 0.00	43.47 -3.86 0.00	60.41 -5.04 0.00	47.66 -4.05 -1.68	71.50 -6.35 -3.35	58.94 -5.17 -1.98	50.08 -3.99 0.00	58.62 -4.16 0.00	104.66 -11.78 12.92	131.41 -8.01 0.00	128.26 -6.18 0.00	127.67 -6.51 0.00	120.49 -5.77 0.00	116.80 -5.65 0.00	124.51 -4.46 0.00	140.14 -4.34 0.00	248.71 -4.97 0.00	139.48 -3.58 0.00	129.85 -6.86 0.00	140.36 -6.99 0.00	139.29 -5.76 0.00	153.07 -6.89 0.00

HQ_GEN_CEDARS 23644	70.02 -0.61 0.00	51.71 -0.44 0.00	47.13 -0.44 0.00	46.85 -0.48 0.00	64.94 -0.50 0.00	49.62 -0.41 0.00	74.03 -0.46 0.00	61.84 -0.29 0.00	51.73 -0.44 1.90	62.22 -0.56 0.00	96.31 -1.26 31.79	109.01 -1.52 28.90	75.98 -1.60 56.86	101.84 -1.83 30.50	94.98 -2.07 29.22	74.26 -1.92 46.28	126.99 -1.98 0.00	128.02 -2.52 13.94	238.41 -5.69 9.58	120.33 -2.71 20.01	134.30 -2.41 0.01	139.70 -1.65 6.00	143.69 -1.36 0.00	158.76 -1.21 0.00
HQ_GEN_CEDARS_PROXY 323590	70.02 -0.61 0.00	51.71 -0.44 0.00	47.13 -0.44 0.00	46.85 -0.48 0.00	64.95 -0.50 0.00	49.62 -0.40 0.00	74.03 -0.46 0.00	61.85 -0.29 0.00	51.72 -0.45 1.90	62.22 -0.56 0.00	96.31 -1.26 31.79	109.01 -1.52 28.90	75.98 -1.60 56.86	101.84 -1.83 30.50	94.97 -2.07 29.22	74.26 -1.92 46.28	126.98 -1.99 0.00	128.02 -2.52 13.94	238.41 -5.69 9.58	120.33 -2.71 20.01	134.30 -2.40 0.01	139.70 -1.65 6.00	143.67 -1.37 0.00	158.76 -1.21 0.00
HQ_GEN_IMPORT 323601	69.78 -0.85 0.00	51.61 -0.54 0.00	47.07 -0.50 0.00	46.83 -0.50 0.00	64.90 -0.54 0.00	49.58 -0.45 0.00	73.92 -0.58 0.00	61.70 -0.43 0.00	53.21 -0.54 0.32	62.16 -0.62 0.00	122.72 -1.23 5.41	133.12 -1.38 4.92	123.38 -1.38 9.68	127.49 -1.49 5.19	119.71 -1.58 4.97	113.18 -1.39 7.88	127.50 -1.48 0.00	140.11 -2.00 2.37	246.76 -3.79 3.13	134.27 -2.24 6.54	134.71 -2.00 0.00	144.93 -1.40 1.02	143.74 -1.31 0.00	158.49 -1.47 0.00
HQ_GEN_WHEEL 23651	69.78 -0.85 0.00	51.61 -0.54 0.00	47.07 -0.50 0.00	46.83 -0.50 0.00	64.90 -0.54 0.00	49.58 -0.45 0.00	73.92 -0.58 0.00	61.70 -0.43 0.00	53.21 -0.54 0.32	62.16 -0.62 0.00	122.72 -1.23 5.41	133.12 -1.38 4.92	123.38 -1.38 9.68	127.49 -1.49 5.19	119.71 -1.58 4.97	113.18 -1.39 7.88	127.50 -1.48 0.00	140.11 -2.00 2.37	246.76 -3.79 3.13	134.27 -2.24 6.54	134.71 -2.00 0.00	144.93 -1.40 1.02	143.74 -1.31 0.00	158.49 -1.47 0.00
HUDSON AVE_GT_3 23810	83.48 4.75 -8.10	56.11 3.29 -0.67	50.44 2.87 0.00	50.16 2.83 0.00	69.31 3.86 0.00	58.81 3.06 -5.72	90.33 4.41 -11.42	72.58 3.71 -6.73	57.57 3.50 0.00	66.71 3.94 0.00	138.99 9.63 0.00	149.99 10.57 0.00	145.19 10.75 0.00	144.54 10.36 0.00	136.35 10.08 0.00	132.14 9.68 0.00	138.90 9.92 0.00	155.70 11.22 0.00	272.43 18.75 0.00	154.27 11.21 0.00	147.53 10.82 0.00	158.97 11.62 0.00	156.49 11.44 0.00	171.82 11.86 0.00
HUDSON AVE_GT_4 23540	83.48 4.75 -8.10	56.11 3.29 -0.67	50.44 2.87 0.00	50.16 2.83 0.00	69.31 3.86 0.00	58.81 3.06 -5.72	90.33 4.41 -11.42	72.58 3.71 -6.73	57.57 3.50 0.00	66.71 3.94 0.00	138.99 9.63 0.00	149.99 10.57 0.00	145.19 10.75 0.00	144.54 10.36 0.00	136.35 10.08 0.00	132.14 9.68 0.00	138.90 9.92 0.00	155.70 11.22 0.00	272.43 18.75 0.00	154.27 11.21 0.00	147.53 10.82 0.00	158.97 11.62 0.00	156.49 11.44 0.00	171.82 11.86 0.00
HUDSON AVE_GT_5 23657	83.48 4.75 -8.10	56.11 3.29 -0.67	50.44 2.87 0.00	50.16 2.83 0.00	69.31 3.86 0.00	58.81 3.06 -5.72	90.33 4.41 -11.42	72.58 3.71 -6.73	57.57 3.50 0.00	66.71 3.94 0.00	138.99 9.63 0.00	149.99 10.57 0.00	145.19 10.75 0.00	144.54 10.36 0.00	136.35 10.08 0.00	132.14 9.68 0.00	138.90 9.92 0.00	155.70 11.22 0.00	272.43 18.75 0.00	154.27 11.21 0.00	147.53 10.82 0.00	158.97 11.62 0.00	156.49 11.44 0.00	171.82 11.86 0.00
HUDSON_AVE_10 24168	83.31 4.58 -8.10	56.00 3.18 -0.67	50.33 2.77 0.00	50.06 2.73 0.00	69.18 3.73 0.00	58.70 2.96 -5.72	90.14 4.22 -11.42	72.40 3.53 -6.73	57.45 3.38 0.00	66.52 3.74 0.00	138.63 9.26 0.00	149.61 10.19 0.00	144.87 10.44 0.00	144.25 10.07 0.00	136.08 9.82 0.00	131.87 9.41 0.00	138.61 9.63 0.00	155.39 10.91 0.00	271.89 18.22 0.00	153.93 10.88 0.00	147.25 10.54 0.00	158.65 11.30 0.00	156.28 11.24 0.00	171.54 11.57 0.00
HUDSON___115KV_TB 4 355613	95.12 4.77 -19.72	58.68 3.50 -3.04	50.70 3.13 0.00	50.45 3.12 0.00	69.80 4.35 0.00	79.16 3.32 -25.81	130.78 4.77 -51.51	96.23 3.74 -30.36	57.34 3.27 0.00	66.63 3.86 0.00	137.35 7.99 0.00	147.93 8.51 0.00	142.39 7.95 0.00	142.10 7.92 0.00	133.69 7.42 0.00	128.99 6.53 0.00	135.65 6.68 0.00	153.02 8.54 0.00	268.90 15.22 0.00	151.57 8.53 0.00	144.76 8.05 0.00	155.73 8.38 0.00	153.39 8.34 0.00	170.53 10.57 0.00
HUNTER MOUNT___DRP 323613	93.42 5.25 -17.54	58.60 3.87 -2.58	51.04 3.47 0.00	50.80 3.48 0.00	70.29 4.84 0.00	75.67 3.69 -21.95	123.70 5.38 -43.82	92.28 4.33 -25.82	57.93 3.86 0.00	67.28 4.50 0.00	138.59 9.22 0.00	149.25 9.83 0.00	143.56 9.12 0.00	143.23 9.05 0.00	134.68 8.41 0.00	130.10 7.64 0.00	136.98 8.00 0.00	154.67 10.19 0.00	271.93 18.25 0.00	153.26 10.21 0.00	146.23 9.52 0.00	157.28 9.93 0.00	154.74 9.69 0.00	171.82 11.85 0.00
HUNTINGTON_RES_REC 323705	84.66 5.94 -8.09	56.89 4.07 -0.67	51.13 3.57 0.00	50.86 3.54 0.00	70.37 4.92 0.00	59.62 3.87 -5.72	91.37 5.45 -11.42	73.44 4.57 -6.73	58.06 3.99 0.00	67.42 4.64 0.00	139.89 10.53 0.00	150.88 11.46 0.00	146.01 11.57 0.00	144.90 10.72 0.00	137.10 10.84 0.00	143.66 11.19 -10.02	150.25 11.94 -9.33	185.06 13.55 -27.02	296.14 20.27 -22.19	339.23 13.17 -183.01	230.23 13.18 -80.35	345.39 13.86 -184.18	268.77 13.45 -110.28	171.60 11.64 0.00
HUNTLEY___63 23557	65.19 -6.85 -1.41	47.08 -5.07 0.00	42.69 -4.88 0.00	42.55 -4.79 0.00	59.09 -6.35 0.00	45.29 -4.74 0.00	67.17 -7.33 0.00	55.86 -6.28 0.00	48.81 -5.26 0.00	56.96 -5.82 0.00	108.03 -15.44 5.90	122.51 -16.91 0.00	118.09 -16.35 0.00	118.82 -15.36 0.00	111.68 -14.58 0.00	108.13 -14.33 0.00	114.65 -14.33 0.00	128.27 -16.21 0.00	229.88 -23.80 0.00	128.39 -14.66 0.00	122.65 -14.06 0.00	129.19 -18.16 0.00	128.06 -16.98 0.00	142.77 -17.19 0.00
HUNTLEY___64 23558	65.19 -6.85 -1.41	47.08 -5.07 0.00	42.69 -4.88 0.00	42.55 -4.79 0.00	59.09 -6.35 0.00	45.29 -4.74 0.00	67.17 -7.33 0.00	55.86 -6.28 0.00	48.81 -5.26 0.00	56.96 -5.82 0.00	108.03 -15.44 5.90	122.51 -16.91 0.00	118.09 -16.35 0.00	118.82 -15.36 0.00	111.68 -14.58 0.00	108.13 -14.33 0.00	114.65 -14.33 0.00	128.27 -16.21 0.00	229.88 -23.80 0.00	128.39 -14.66 0.00	122.65 -14.06 0.00	129.19 -18.16 0.00	128.06 -16.98 0.00	142.77 -17.19 0.00
HUNTLEY___65 23559	65.19 -6.85 -1.41	47.08 -5.07 0.00	42.69 -4.88 0.00	42.55 -4.79 0.00	59.09 -6.35 0.00	45.29 -4.74 0.00	67.17 -7.33 0.00	55.86 -6.28 0.00	48.81 -5.26 0.00	56.96 -5.82 0.00	108.03 -15.44 5.90	122.51 -16.91 0.00	118.09 -16.35 0.00	118.82 -15.36 0.00	111.68 -14.58 0.00	108.13 -14.33 0.00	114.65 -14.33 0.00	128.27 -16.21 0.00	229.88 -23.80 0.00	128.39 -14.66 0.00	122.65 -14.06 0.00	129.19 -18.16 0.00	128.06 -16.98 0.00	142.77 -17.19 0.00
HUNTLEY___66 23560	65.19 -6.85 -1.41	47.08 -5.07 0.00	42.69 -4.88 0.00	42.55 -4.79 0.00	59.09 -6.35 0.00	45.29 -4.74 0.00	67.17 -7.33 0.00	55.86 -6.28 0.00	48.81 -5.26 0.00	56.96 -5.82 0.00	108.03 -15.44 5.90	122.51 -16.91 0.00	118.09 -16.35 0.00	118.82 -15.36 0.00	111.68 -14.58 0.00	108.13 -14.33 0.00	114.65 -14.33 0.00	128.27 -16.21 0.00	229.88 -23.80 0.00	128.39 -14.66 0.00	122.65 -14.06 0.00	129.19 -18.16 0.00	128.06 -16.98 0.00	142.77 -17.19 0.00

HUNTLEY___67 23561	65.14 -6.92 -1.44	46.96 -5.19 0.00	42.60 -4.97 0.00	42.46 -4.87 0.00	58.96 -6.49 0.00	45.16 -4.87 0.00	66.94 -7.56 0.00	55.70 -6.43 0.00	48.61 -5.45 0.00	56.73 -6.05 0.00	107.22 -15.90 6.24	122.33 -17.10 0.00	117.89 -16.55 0.00	118.55 -15.63 0.00	111.39 -14.87 0.00	107.85 -14.61 0.00	114.39 -14.58 0.00	127.97 -16.51 0.00	229.14 -24.54 0.00	128.02 -15.03 0.00	122.25 -14.45 0.00	128.88 -18.47 0.00	127.87 -17.17 0.00	142.74 -17.22 0.00
HUNTLEY___68 23562	65.14 -6.92 -1.44	46.96 -5.19 0.00	42.60 -4.97 0.00	42.46 -4.87 0.00	58.96 -6.49 0.00	45.16 -4.87 0.00	66.94 -7.56 0.00	55.70 -6.43 0.00	48.61 -5.45 0.00	56.73 -6.05 0.00	107.22 -15.90 6.24	122.33 -17.10 0.00	117.89 -16.55 0.00	118.55 -15.63 0.00	111.39 -14.87 0.00	107.85 -14.61 0.00	114.39 -14.58 0.00	127.97 -16.51 0.00	229.14 -24.54 0.00	128.02 -15.03 0.00	122.25 -14.45 0.00	128.88 -18.47 0.00	127.87 -17.17 0.00	142.74 -17.22 0.00
HYLAND___LFGE 323620	71.38 -0.79 -1.55	51.25 -0.90 0.00	46.51 -1.06 0.00	46.41 -0.92 0.00	64.45 -1.00 0.00	49.41 -0.61 0.00	73.83 -0.67 0.00	61.81 -0.33 0.00	53.97 -0.10 0.00	62.63 -0.15 0.00	118.79 -4.78 5.79	134.72 -4.70 0.00	128.77 -5.66 0.00	128.79 -5.39 0.00	120.92 -5.34 0.00	119.10 -3.36 0.00	127.49 -1.49 0.00	145.32 0.84 0.00	260.64 6.96 0.00	145.84 2.79 0.00	138.20 1.49 0.00	146.64 -0.71 0.00	144.49 -0.55 0.00	159.68 -0.28 0.00
INDECK___CORINTH 23802	116.98 6.55 -39.80	64.21 4.66 -7.40	51.76 4.19 0.00	51.56 4.23 0.00	71.30 5.85 0.00	117.62 4.65 -62.93	207.15 7.03 -125.62	142.07 5.91 -74.03	59.27 5.20 0.00	68.76 5.98 0.00	141.75 12.39 0.00	152.56 13.13 0.00	146.89 12.46 0.00	146.83 12.65 0.00	137.93 11.67 0.00	134.06 11.60 0.00	141.39 12.41 0.00	159.14 14.66 0.00	279.31 25.63 0.00	157.30 14.25 0.00	149.97 13.26 0.00	161.10 13.76 0.00	158.07 13.02 0.00	174.53 14.57 0.00
INDECK___ILION 23567	72.76 2.13 0.00	53.63 1.48 0.00	48.86 1.29 0.00	48.62 1.29 0.00	67.23 1.79 0.00	51.41 1.38 0.00	76.57 2.08 0.00	63.87 1.74 -0.11	55.74 1.56 0.00	64.50 1.72 0.00	134.91 3.69 -1.86	145.16 4.04 -1.69	141.63 3.87 -3.33	139.85 3.88 -1.79	131.78 3.80 -1.71	128.83 3.66 -2.71	132.68 3.70 0.00	149.89 4.59 -0.82	262.06 7.82 -0.56	148.81 4.59 -1.17	140.94 4.23 0.00	151.98 4.28 -0.35	149.20 4.16 0.00	164.69 4.72 0.00
INDECK___OLEAN 23982	69.48 -2.99 -1.84	50.04 -2.28 -0.18	45.26 -2.32 0.00	45.13 -2.20 0.00	62.54 -2.90 0.00	49.32 -2.21 -1.50	73.60 -3.89 -2.99	60.56 -3.33 -1.76	51.22 -2.85 0.00	59.64 -3.13 0.00	113.41 -8.30 7.64	131.14 -8.28 0.00	126.75 -7.69 0.00	127.17 -7.01 0.00	119.51 -6.76 0.00	115.26 -7.20 0.00	121.42 -7.56 0.00	135.90 -8.58 0.00	241.74 -11.94 0.00	135.59 -7.46 0.00	129.52 -7.18 0.00	137.57 -9.78 0.00	137.20 -7.84 0.00	152.64 -7.32 0.00
INDECK___OSWEGO 23783	70.15 -0.48 0.00	51.67 -0.48 0.00	47.19 -0.38 0.00	46.96 -0.36 0.00	64.83 -0.62 0.00	49.68 -0.35 0.00	74.07 -0.43 0.00	61.93 -0.21 0.00	53.97 0.00 0.09	62.89 0.11 0.00	127.43 -0.36 1.58	137.33 -0.65 1.43	130.63 -0.98 2.82	132.19 -0.48 1.51	124.49 -0.41 1.36	119.63 -0.53 2.30	129.03 0.05 0.00	144.44 0.64 0.69	256.05 2.85 0.48	143.33 1.27 0.99	137.37 0.66 0.00	146.50 -0.55 0.30	144.40 -0.65 0.00	159.13 -0.83 0.00
INDECK___YERKES 23781	65.30 -6.74 -1.41	47.13 -5.02 0.00	42.75 -4.82 0.00	42.60 -4.73 0.00	59.16 -6.29 0.00	45.34 -4.69 0.00	67.27 -7.23 0.00	55.93 -6.21 0.00	48.86 -5.21 0.00	57.04 -5.74 0.00	108.19 -15.28 5.90	122.59 -16.83 0.00	118.22 -16.21 0.00	118.94 -15.24 0.00	111.77 -14.49 0.00	108.19 -14.27 0.00	114.84 -14.14 0.00	128.42 -16.06 0.00	230.22 -23.46 0.00	128.51 -14.54 0.00	122.80 -13.90 0.00	129.32 -18.03 0.00	128.22 -16.82 0.00	142.86 -17.11 0.00
INDIAN POINT_GT_1 24139	82.76 4.12 -8.01	55.67 2.86 -0.67	50.06 2.49 0.00	49.79 2.46 0.00	68.80 3.35 0.00	58.39 2.71 -5.66	89.73 3.93 -11.30	72.10 3.30 -6.66	57.14 3.07 0.00	66.25 3.47 0.00	137.56 8.20 0.00	148.37 8.94 0.00	143.45 9.01 0.00	142.87 8.69 0.00	134.73 8.46 0.00	130.68 8.22 0.00	137.48 8.50 0.00	154.27 9.79 0.00	270.05 16.37 0.00	152.84 9.78 0.00	146.14 9.43 0.00	157.38 10.04 0.00	154.86 9.81 0.00	170.08 10.12 0.00
INDIAN POINT_GT_2 23659	82.76 4.12 -8.01	55.67 2.86 -0.67	50.06 2.49 0.00	49.79 2.46 0.00	68.80 3.35 0.00	58.39 2.71 -5.66	89.73 3.93 -11.30	72.10 3.30 -6.66	57.14 3.07 0.00	66.25 3.47 0.00	137.56 8.20 0.00	148.37 8.94 0.00	143.45 9.01 0.00	142.87 8.69 0.00	134.73 8.46 0.00	130.68 8.22 0.00	137.48 8.50 0.00	154.27 9.79 0.00	270.05 16.37 0.00	152.84 9.78 0.00	146.14 9.43 0.00	157.38 10.04 0.00	154.86 9.81 0.00	170.08 10.12 0.00
INDIAN POINT_GT_3 24019	82.76 4.12 -8.01	55.67 2.86 -0.67	50.06 2.49 0.00	49.79 2.46 0.00	68.80 3.35 0.00	58.39 2.71 -5.66	89.73 3.93 -11.30	72.10 3.30 -6.66	57.14 3.07 0.00	66.25 3.47 0.00	137.56 8.20 0.00	148.37 8.94 0.00	143.45 9.01 0.00	142.87 8.69 0.00	134.73 8.46 0.00	130.68 8.22 0.00	137.48 8.50 0.00	154.27 9.79 0.00	270.05 16.37 0.00	152.84 9.78 0.00	146.14 9.43 0.00	157.38 10.04 0.00	154.86 9.81 0.00	170.08 10.12 0.00
INDIAN POINT___2 23530	82.54 4.01 -7.90	55.58 2.78 -0.66	49.99 2.42 0.00	49.70 2.37 0.00	68.68 3.23 0.00	58.22 2.62 -5.58	89.41 3.78 -11.13	71.87 3.18 -6.56	57.04 2.97 0.00	66.12 3.35 0.00	137.34 7.98 0.00	148.09 8.67 0.00	143.16 8.73 0.00	142.54 8.35 0.00	134.45 8.19 0.00	130.38 7.92 0.00	137.13 8.15 0.00	153.84 9.36 0.00	269.34 15.66 0.00	152.45 9.40 0.00	145.74 9.03 0.00	156.98 9.63 0.00	154.45 9.41 0.00	169.75 9.79 0.00
INDIAN POINT___3 23531	82.72 4.07 -8.02	55.65 2.83 -0.67	50.05 2.48 0.00	49.75 2.42 0.00	68.75 3.30 0.00	58.36 2.66 -5.67	89.67 3.86 -11.31	72.05 3.24 -6.67	57.09 3.02 0.00	66.20 3.42 0.00	137.47 8.10 0.00	148.23 8.81 0.00	143.27 8.84 0.00	142.69 8.51 0.00	134.60 8.33 0.00	130.49 8.03 0.00	137.29 8.31 0.00	153.98 9.50 0.00	269.57 15.90 0.00	152.55 9.50 0.00	145.87 9.16 0.00	157.11 9.76 0.00	154.61 9.57 0.00	169.91 9.95 0.00
INGHAM_C_115KV_TB7 356103	74.49 3.87 0.00	54.81 2.66 0.00	49.90 2.34 0.00	49.66 2.33 0.00	68.69 3.24 0.00	52.55 2.52 0.00	78.31 3.81 0.00	65.33 3.20 0.00	57.02 2.84 -0.11	65.80 3.02 0.00	137.71 6.48 -1.86	148.13 7.02 -1.69	144.40 6.64 -3.33	142.60 6.63 -1.79	134.49 6.51 -1.71	131.52 6.35 -2.71	135.30 6.32 0.00	153.44 8.15 -0.82	268.02 13.78 -0.56	152.35 8.13 -1.17	144.19 7.49 0.00	155.30 7.60 -0.35	152.50 7.45 0.00	168.57 8.60 0.00
IP CORINTH___1 23988	116.98 6.55 -39.80	64.21 4.66 -7.40	51.77 4.20 0.00	51.56 4.23 0.00	71.30 5.86 0.00	117.62 4.66 -62.93	207.16 7.03 -125.62	142.07 5.90 -74.03	59.27 5.20 0.00	68.76 5.98 0.00	141.75 12.39 0.00	152.55 13.13 0.00	146.89 12.46 0.00	146.83 12.65 0.00	137.93 11.67 0.00	134.05 11.59 0.00	141.40 12.42 0.00	159.14 14.66 0.00	279.32 25.64 0.00	157.30 14.25 0.00	149.96 13.26 0.00	161.10 13.76 0.00	158.07 13.02 0.00	174.54 14.57 0.00

IP___TICONDEROGA 23804	119.72 9.63 -39.46	66.09 6.61 -7.33	53.68 6.10 0.00	53.51 6.18 0.00	73.97 8.52 0.00	119.27 6.94 -62.30	209.20 10.35 -124.36	144.04 8.63 -73.28	61.57 7.50 0.00	71.26 8.49 0.00	146.36 17.00 0.00	158.05 18.63 0.00	151.73 17.30 0.00	152.61 18.43 0.00	142.59 16.33 0.00	139.44 16.98 0.00	147.70 18.72 0.00	166.76 22.28 0.00	292.03 38.35 0.00	164.45 21.40 0.00	156.37 19.66 0.00	166.81 19.46 0.00	163.37 18.33 0.00	180.33 20.36 0.00
ISLIP_RES_REC 323679	85.53 6.80 -8.09	57.53 4.70 -0.67	51.74 4.17 0.00	51.46 4.13 0.00	71.24 5.79 0.00	60.32 4.57 -5.72	92.48 6.56 -11.42	74.41 5.55 -6.73	58.93 4.86 0.00	68.43 5.66 0.00	141.73 12.37 0.00	152.89 13.46 0.00	147.68 13.24 0.00	146.33 12.15 0.00	138.45 12.18 0.00	145.13 12.65 -10.02	152.18 13.88 -9.33	173.35 16.00 -12.87	288.80 24.57 -10.55	246.26 15.52 -87.69	200.63 15.44 -48.48	251.36 16.11 -87.91	213.47 15.66 -52.77	174.10 14.14 0.00
JAMAICA__27_KV_LOAD 355505	83.91 5.18 -8.10	56.43 3.61 -0.67	50.69 3.12 0.00	50.47 3.14 0.00	69.73 4.28 0.00	59.11 3.36 -5.72	90.66 4.74 -11.42	72.81 3.94 -6.73	57.87 3.80 0.00	66.81 4.04 0.00	139.49 10.13 0.00	150.56 11.14 0.00	145.91 11.47 0.00	145.38 11.20 0.00	137.20 10.93 0.00	132.90 10.44 0.00	139.68 10.70 0.00	156.68 12.20 0.00	274.42 20.74 0.00	155.17 12.12 0.00	148.51 11.80 0.00	159.97 12.62 0.00	157.84 12.80 0.00	173.30 13.33 0.00
JANIS___SOLAR 323808	74.95 1.10 -3.23	53.10 0.59 -0.36	48.14 0.57 0.00	47.99 0.67 0.00	66.33 0.88 0.00	54.29 1.19 -3.07	82.64 2.01 -6.13	67.66 1.91 -3.61	55.81 1.74 0.00	64.27 1.49 0.00	145.57 1.48 -14.74	140.45 1.03 0.00	134.48 0.05 0.00	134.28 0.10 0.00	126.42 0.16 0.00	123.29 0.83 0.00	131.79 2.81 0.00	149.26 4.78 0.00	263.93 10.25 0.00	148.60 5.55 0.00	141.54 4.83 0.00	151.10 3.75 0.00	148.41 3.36 0.00	163.49 3.53 0.00
JARVIS____ 23743	71.37 0.74 0.00	52.67 0.52 0.00	48.04 0.48 0.00	47.80 0.47 0.00	66.04 0.60 0.00	50.47 0.44 0.00	75.15 0.65 0.00	62.64 0.50 0.00	54.67 0.49 -0.11	63.33 0.56 0.00	132.51 1.28 -1.86	142.51 1.40 -1.69	139.24 1.47 -3.33	137.45 1.48 -1.79	129.40 1.42 -1.71	126.49 1.32 -2.71	130.27 1.29 0.00	146.78 1.48 -0.82	256.79 2.55 -0.56	145.76 1.54 -1.17	138.08 1.37 0.00	149.15 1.45 -0.35	146.36 1.32 0.00	161.43 1.47 0.00
JENNISON___1 23625	75.81 0.41 -4.77	52.74 0.01 -0.58	47.64 0.07 0.00	47.53 0.20 0.00	65.59 0.14 0.00	55.50 0.55 -4.92	85.34 1.01 -9.83	68.83 0.90 -5.79	55.08 1.01 0.00	63.64 0.86 0.00	133.10 0.75 -2.99	140.17 0.75 0.00	134.76 0.33 0.00	134.59 0.40 0.00	126.81 0.54 0.00	123.28 0.82 0.00	130.94 1.96 0.00	147.68 3.20 0.00	259.92 6.24 0.00	146.61 3.56 0.00	139.89 3.18 0.00	149.63 2.29 0.00	147.25 2.21 0.00	162.28 2.32 0.00
JENNISON___2 23626	75.81 0.41 -4.77	52.74 0.01 -0.58	47.64 0.07 0.00	47.53 0.20 0.00	65.59 0.14 0.00	55.50 0.55 -4.92	85.34 1.01 -9.83	68.83 0.90 -5.79	55.08 1.01 0.00	63.64 0.86 0.00	133.10 0.75 -2.99	140.17 0.75 0.00	134.76 0.33 0.00	134.59 0.40 0.00	126.81 0.54 0.00	123.28 0.82 0.00	130.94 1.96 0.00	147.68 3.20 0.00	259.92 6.24 0.00	146.61 3.56 0.00	139.89 3.18 0.00	149.63 2.29 0.00	147.25 2.21 0.00	162.28 2.32 0.00
JERICHO_RISE_WT_PWR 323719	68.74 -1.89 0.00	50.34 -1.81 0.00	45.78 -1.80 0.00	45.58 -1.75 0.00	63.10 -2.34 0.00	52.11 -1.87 -3.95	79.88 -2.65 -8.03	67.08 -2.09 -7.04	55.43 -2.00 -3.35	67.51 -2.33 -7.06	98.59 -4.66 26.11	114.25 -5.20 19.97	77.68 -5.19 51.57	107.03 -5.43 21.73	100.14 -5.27 20.85	76.67 -4.87 40.92	136.34 -5.10 -12.46	136.41 -5.98 2.09	254.80 -10.62 -11.74	127.76 -6.18 9.11	144.01 -5.76 -13.07	144.76 -5.22 -2.64	140.10 -4.95 0.00	155.03 -4.93 0.00
KATONAH___115KV_46KV_TB4 355592	83.82 4.97 -8.21	56.32 3.48 -0.69	50.63 3.06 0.00	50.35 3.03 0.00	69.61 4.16 0.00	59.19 3.33 -5.83	91.05 4.92 -11.64	73.15 4.16 -6.86	57.90 3.83 0.00	67.13 4.36 0.00	139.29 9.92 0.00	150.25 10.83 0.00	145.24 10.81 0.00	144.70 10.52 0.00	136.44 10.18 0.00	132.32 9.86 0.00	139.27 10.29 0.00	156.42 11.94 0.00	274.11 20.43 0.00	155.08 12.03 0.00	148.20 11.49 0.00	159.53 12.18 0.00	156.85 11.81 0.00	172.24 12.28 0.00
KCE_NY_1 323755	114.97 5.36 -38.98	63.26 3.90 -7.22	51.05 3.48 0.00	50.83 3.51 0.00	70.29 4.84 0.00	115.21 3.78 -61.40	202.70 5.63 -122.57	139.08 4.71 -72.23	58.19 4.12 0.00	67.42 4.64 0.00	139.08 9.72 0.00	149.99 10.56 0.00	144.43 9.99 0.00	144.21 10.03 0.00	135.70 9.44 0.00	131.73 9.27 0.00	138.77 9.79 0.00	155.87 11.39 0.00	273.63 19.95 0.00	154.23 11.17 0.00	147.20 10.49 0.00	158.23 10.89 0.00	155.42 10.37 0.00	171.59 11.63 0.00
KCE_NY_6_ESR 323823	66.42 -5.70 -1.50	47.76 -4.39 0.00	43.30 -4.27 0.00	43.23 -4.10 0.00	59.95 -5.49 0.00	45.99 -4.04 0.00	68.15 -6.34 0.00	56.79 -5.35 0.00	49.55 -4.52 0.00	57.86 -4.92 0.00	109.05 -13.65 6.67	125.06 -14.37 0.00	120.60 -13.84 0.00	121.32 -12.86 0.00	114.01 -12.26 0.00	110.35 -12.11 0.00	117.10 -11.88 0.00	130.96 -13.52 0.00	234.37 -19.31 0.00	131.06 -11.99 0.00	125.15 -11.56 0.00	131.96 -15.38 0.00	130.87 -14.18 0.00	145.85 -14.11 0.00
KEDC_PORT_JEFF_GT2 24210	85.14 6.42 -8.09	57.23 4.41 -0.67	51.46 3.89 0.00	51.18 3.85 0.00	70.83 5.38 0.00	60.01 4.26 -5.72	91.96 6.04 -11.42	73.98 5.11 -6.73	58.55 4.48 0.00	68.01 5.24 0.00	140.93 11.57 0.00	152.05 12.63 0.00	146.90 12.46 0.00	145.59 11.41 0.00	137.75 11.49 0.00	144.33 11.85 -10.02	151.24 12.93 -9.33	175.03 14.45 -16.09	288.85 21.97 -13.20	266.52 14.05 -109.42	206.51 14.05 -55.75	272.29 15.09 -109.85	225.57 14.65 -65.88	172.97 13.01 0.00
KEDC_PORT_JEFF_GT3 24211	85.14 6.42 -8.09	57.23 4.41 -0.67	51.46 3.89 0.00	51.18 3.85 0.00	70.83 5.38 0.00	60.01 4.26 -5.72	91.96 6.04 -11.42	73.98 5.11 -6.73	58.55 4.48 0.00	68.01 5.24 0.00	140.93 11.57 0.00	152.05 12.63 0.00	146.90 12.46 0.00	145.59 11.41 0.00	137.75 11.49 0.00	144.33 11.85 -10.02	151.24 12.93 -9.33	175.03 14.45 -16.09	288.85 21.97 -13.20	266.52 14.05 -109.42	206.51 14.05 -55.75	272.29 15.09 -109.85	225.57 14.65 -65.88	172.97 13.01 0.00
KEDC_GLWD_GT4 24219	84.44 5.72 -8.09	56.78 3.96 -0.67	51.03 3.46 0.00	50.74 3.42 0.00	70.17 4.72 0.00	59.49 3.74 -5.72	91.33 5.42 -11.42	73.43 4.56 -6.73	58.16 4.09 0.00	67.54 4.76 0.00	140.36 10.99 0.00	151.37 11.94 0.00	146.41 11.97 0.00	145.63 11.44 0.00	137.60 11.33 0.00	143.85 11.37 -10.02	150.19 11.88 -9.33	157.89 13.38 -0.03	275.14 21.46 0.00	157.63 13.29 -1.29	169.36 13.06 -19.59	161.72 13.75 -0.62	158.97 13.30 -0.63	172.70 12.74 0.00
KEDC_GLWD_GT5 24220	84.44 5.72 -8.09	56.78 3.96 -0.67	51.03 3.46 0.00	50.74 3.42 0.00	70.17 4.72 0.00	59.49 3.74 -5.72	91.33 5.42 -11.42	73.43 4.56 -6.73	58.16 4.09 0.00	67.54 4.76 0.00	140.36 10.99 0.00	151.37 11.94 0.00	146.41 11.97 0.00	145.63 11.44 0.00	137.60 11.33 0.00	143.85 11.37 -10.02	150.19 11.88 -9.33	157.89 13.38 -0.03	275.14 21.46 0.00	157.63 13.29 -1.29	169.36 13.06 -19.59	161.72 13.75 -0.62	158.97 13.30 -0.63	172.70 12.74 0.00

KENSICO____ 23655	83.06 4.35 -8.08	55.84 3.02 -0.67	50.23 2.66 0.00	49.93 2.60 0.00	69.00 3.56 0.00	58.60 2.86 -5.71	90.04 4.14 -11.40	72.34 3.49 -6.72	57.31 3.24 0.00	66.47 3.69 0.00	138.10 8.74 0.00	148.94 9.52 0.00	143.99 9.55 0.00	143.44 9.26 0.00	135.26 9.00 0.00	131.20 8.74 0.00	137.97 9.00 0.00	154.78 10.30 0.00	270.86 17.18 0.00	153.32 10.27 0.00	146.61 9.90 0.00	157.89 10.55 0.00	155.38 10.34 0.00	170.67 10.71 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	84.04 4.84 -8.57	56.37 3.39 -0.82	50.57 3.00 0.00	50.30 2.97 0.00	69.52 4.08 0.00	60.33 3.31 -7.00	93.46 4.99 -13.97	74.62 4.25 -8.23	58.01 3.94 0.00	67.29 4.51 0.00	139.30 9.94 0.00	150.22 10.79 0.00	145.01 10.57 0.00	144.26 10.08 0.00	135.93 9.67 0.00	132.17 9.71 0.00	139.39 10.41 0.00	156.72 12.24 0.00	274.97 21.29 0.00	155.54 12.49 0.00	148.57 11.86 0.00	159.77 12.42 0.00	156.91 11.87 0.00	172.24 12.28 0.00
KIAC_JFK_GT1 23816	83.16 4.44 -8.10	55.91 3.09 -0.67	50.23 2.66 0.00	49.99 2.65 0.00	69.05 3.61 0.00	58.60 2.85 -5.72	89.89 3.97 -11.42	72.15 3.28 -6.73	57.30 3.24 0.00	66.19 3.41 0.00	138.33 8.97 0.00	149.34 9.92 0.00	144.75 10.31 0.00	144.21 10.03 0.00	136.11 9.85 0.00	131.80 9.34 0.00	138.37 9.39 0.00	155.14 10.66 0.00	271.64 17.96 0.00	153.63 10.58 0.00	147.02 10.31 0.00	158.40 11.05 0.00	156.30 11.26 0.00	171.60 11.64 0.00
KIAC_JFK_GT2 23817	83.16 4.44 -8.10	55.91 3.09 -0.67	50.23 2.66 0.00	49.99 2.65 0.00	69.05 3.61 0.00	58.60 2.85 -5.72	89.89 3.97 -11.42	72.15 3.28 -6.73	57.30 3.24 0.00	66.19 3.41 0.00	138.33 8.97 0.00	149.34 9.92 0.00	144.75 10.31 0.00	144.21 10.03 0.00	136.11 9.85 0.00	131.80 9.34 0.00	138.37 9.39 0.00	155.14 10.66 0.00	271.64 17.96 0.00	153.63 10.58 0.00	147.02 10.31 0.00	158.40 11.05 0.00	156.30 11.26 0.00	171.60 11.64 0.00
KIAC_JFK____ 323774	83.17 4.44 -8.10	55.91 3.09 -0.67	50.22 2.65 0.00	49.98 2.65 0.00	69.05 3.61 0.00	58.59 2.84 -5.72	89.89 3.97 -11.42	72.15 3.28 -6.73	57.30 3.23 0.00	66.18 3.41 0.00	138.38 9.02 0.00	149.35 9.93 0.00	144.75 10.31 0.00	144.22 10.04 0.00	136.14 9.87 0.00	131.83 9.37 0.00	138.36 9.38 0.00	155.14 10.66 0.00	271.60 17.92 0.00	153.63 10.58 0.00	147.02 10.31 0.00	158.40 11.06 0.00	156.31 11.26 0.00	171.61 11.64 0.00
KINTIGH____ 23543	65.10 -6.78 -1.25	47.12 -5.03 0.00	42.81 -4.76 0.00	42.66 -4.67 0.00	59.17 -6.28 0.00	45.30 -4.73 0.00	67.18 -7.31 0.00	55.92 -6.21 0.00	48.78 -5.30 0.00	56.86 -5.91 0.00	109.72 -15.09 4.55	123.03 -16.40 0.00	118.55 -15.89 0.00	119.03 -15.15 0.00	111.85 -14.42 0.00	108.30 -14.16 0.00	114.63 -14.35 0.00	128.32 -16.16 0.00	229.29 -24.39 0.00	128.18 -14.87 0.00	122.41 -14.29 0.00	129.47 -17.87 0.00	128.29 -16.76 0.00	142.96 -17.01 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	70.07 -0.56 0.00	51.23 -0.92 0.00	46.52 -1.05 0.00	46.38 -0.95 0.00	64.11 -1.34 0.00	82.64 -1.16 -33.77	141.59 -1.55 -68.65	121.12 -1.16 -60.14	96.54 -1.12 -43.59	121.86 -1.28 -60.37	153.45 -2.55 -26.64	192.78 -3.02 -56.38	137.23 -3.20 -5.99	184.75 -3.42 -53.99	173.83 -3.36 -50.92	133.45 -2.95 -13.94	232.53 -3.01 -106.57	232.68 -3.47 -91.67	423.41 -5.89 -175.63	218.75 -3.64 -79.34	245.06 -3.38 -111.73	214.25 -2.81 -69.71	142.62 -2.42 0.00	158.28 -1.69 0.00
LACHUTE__HYDRO 323717	119.72 9.63 -39.46	66.09 6.61 -7.33	53.67 6.10 0.00	53.51 6.18 0.00	73.97 8.53 0.00	119.27 6.94 -62.30	209.20 10.34 -124.36	144.04 8.63 -73.28	61.57 7.50 0.00	71.26 8.48 0.00	146.36 17.00 0.00	158.05 18.63 0.00	151.74 17.30 0.00	152.62 18.43 0.00	142.59 16.33 0.00	139.44 16.98 0.00	147.70 18.72 0.00	166.76 22.27 0.00	292.03 38.35 0.00	164.45 21.40 0.00	156.37 19.66 0.00	166.81 19.47 0.00	163.37 18.33 0.00	180.32 20.36 0.00
LAWRNCV_115KV_TB1 80681	70.02 -0.61 0.00	51.65 -0.50 0.00	47.07 -0.50 0.00	46.79 -0.54 0.00	64.78 -0.66 0.00	49.55 -0.48 0.00	73.98 -0.52 0.00	61.84 -0.29 0.00	51.96 -0.43 1.68	62.23 -0.55 0.00	99.94 -1.36 28.06	112.12 -1.80 25.51	82.30 -1.95 50.19	104.84 -2.41 26.93	97.25 -3.06 25.95	78.41 -3.19 40.85	125.65 -3.33 0.00	128.21 -3.97 12.30	237.59 -7.63 8.45	121.50 -3.89 17.66	133.00 -3.71 0.01	139.17 -2.88 5.30	142.74 -2.30 0.00	158.22 -1.74 0.00
LEDERLE____ 23769	82.64 4.22 -7.79	55.74 2.94 -0.65	50.14 2.57 0.00	49.85 2.52 0.00	68.87 3.43 0.00	58.31 2.79 -5.49	89.56 4.10 -10.96	72.05 3.45 -6.46	57.27 3.20 0.00	66.38 3.60 0.00	137.75 8.39 0.00	148.52 9.09 0.00	143.52 9.08 0.00	142.93 8.74 0.00	134.79 8.53 0.00	130.73 8.27 0.00	137.57 8.59 0.00	154.38 9.90 0.00	270.43 16.75 0.00	152.98 9.93 0.00	146.22 9.51 0.00	157.48 10.13 0.00	154.92 9.88 0.00	170.24 10.28 0.00
LIGHTHSE_115KV_TB6 355974	69.66 -0.96 0.00	51.31 -0.83 0.00	46.87 -0.70 0.00	46.61 -0.72 0.00	64.37 -1.08 0.00	49.28 -0.75 0.00	73.43 -1.06 0.00	61.43 -0.70 0.00	53.51 -0.40 0.17	62.42 -0.36 0.00	125.43 -1.11 2.82	135.14 -1.72 2.57	127.28 -2.10 5.05	129.97 -1.51 2.71	122.48 -1.33 2.45	116.81 -1.54 4.11	128.07 -0.91 0.00	142.80 -0.45 1.24	253.91 1.08 0.85	141.78 0.51 1.78	136.50 -0.21 0.00	145.37 -1.44 0.53	143.77 -1.28 0.00	158.33 -1.63 0.00
LINDEN COGEN____ 23786	82.86 4.14 -8.10	55.66 2.84 -0.67	50.07 2.50 0.00	49.79 2.46 0.00	68.74 3.29 0.00	58.38 2.63 -5.72	89.69 3.77 -11.42	72.02 3.16 -6.73	57.06 2.99 0.00	66.13 3.35 0.00	134.37 8.36 3.36	148.65 9.22 0.00	143.87 9.44 0.00	143.24 9.06 0.00	135.13 8.87 0.00	131.01 8.55 0.00	137.64 8.66 0.00	117.78 9.91 36.61	245.49 16.42 24.61	117.14 9.87 35.78	146.19 9.48 0.00	157.52 10.18 0.00	154.19 10.05 0.90	170.28 10.32 0.00
LINDHRST_69_KV_BK1 356055	85.05 6.33 -8.09	57.20 4.38 -0.67	51.42 3.85 0.00	51.11 3.78 0.00	70.72 5.28 0.00	59.89 4.14 -5.72	91.89 5.98 -11.42	73.89 5.03 -6.73	58.51 4.44 0.00	67.91 5.14 0.00	140.90 11.53 0.00	151.93 12.51 0.00	147.00 12.56 0.00	146.04 11.86 0.00	138.09 11.83 0.00	144.57 12.10 -10.02	151.20 12.89 -9.33	160.09 14.71 -0.90	277.75 23.36 -0.71	164.74 14.58 -7.11	172.64 14.39 -21.54	168.85 15.00 -6.51	163.78 14.59 -4.15	173.45 13.49 0.00
LIPA_MISC_IPP 23656	85.17 6.44 -8.09	57.25 4.43 -0.67	51.47 3.90 0.00	51.20 3.87 0.00	70.88 5.43 0.00	60.04 4.29 -5.72	92.01 6.10 -11.42	74.01 5.14 -6.73	58.55 4.48 0.00	67.98 5.21 0.00	140.76 11.39 0.00	151.85 12.43 0.00	146.64 12.21 0.00	145.03 10.85 0.00	137.12 10.85 0.00	143.78 11.31 -10.02	150.82 12.51 -9.33	174.01 14.57 -14.96	287.89 21.94 -12.28	259.08 14.22 -101.81	204.00 14.09 -53.20	264.17 14.67 -102.16	220.68 14.35 -61.28	172.69 12.73 0.00
LISF__SOLAR 323691	85.31 6.58 -8.09	57.34 4.52 -0.67	51.56 3.99 0.00	51.28 3.95 0.00	71.00 5.55 0.00	60.13 4.38 -5.72	92.16 6.25 -11.42	74.14 5.27 -6.73	58.65 4.58 0.00	68.05 5.28 0.00	140.92 11.56 0.00	151.99 12.57 0.00	146.77 12.33 0.00	145.16 10.97 0.00	137.27 11.01 -10.02	143.94 11.46 -10.02	151.09 12.78 -9.33	174.32 14.98 -14.86	288.58 22.71 -12.19	258.82 14.66 -101.12	204.17 14.49 -52.97	263.88 15.07 -101.47	220.63 14.72 -60.87	173.04 13.07 0.00

LITTLE FALLS___HYD 24013	74.49 3.87 0.00	54.81 2.66 0.00	49.90 2.34 0.00	49.66 2.33 0.00	68.69 3.24 0.00	52.55 2.52 0.00	78.31 3.81 0.00	65.33 3.20 0.00	57.02 2.84 -0.11	65.80 3.02 0.00	137.71 6.48 -1.86	148.13 7.02 -1.69	144.40 6.64 -3.33	142.60 6.63 -1.79	134.49 6.51 -1.71	131.52 6.35 -2.71	135.30 6.32 0.00	153.44 8.15 -0.82	268.02 13.78 -0.56	152.35 8.13 -1.17	144.19 7.49 0.00	155.30 7.60 -0.35	152.50 7.45 0.00	168.57 8.60 0.00
LITTLRIV_115KV_TB1 356100	70.85 0.22 0.00	52.28 0.13 0.00	47.65 0.08 0.00	47.34 0.02 0.00	65.63 0.19 0.00	50.23 0.20 0.00	75.02 0.53 0.00	62.75 0.62 0.00	52.76 0.33 1.64	62.97 0.19 0.00	101.53 -0.38 27.45	113.59 -0.88 24.95	84.22 -1.13 49.09	106.14 -1.70 26.34	98.52 -2.33 25.41	80.18 -2.32 39.96	126.68 -2.29 0.00	130.19 -2.26 12.04	241.09 -4.32 8.27	123.65 -2.12 17.28	134.69 -2.01 0.01	141.13 -1.04 5.18	144.42 -0.62 0.00	160.04 0.07 0.00
LI_NEWBRDGE___DRP 323616	83.87 5.15 -8.09	56.36 3.54 -0.67	50.67 3.10 0.00	50.37 3.04 0.00	69.66 4.21 0.00	59.08 3.33 -5.72	90.66 4.74 -11.42	72.86 3.99 -6.73	57.65 3.58 0.00	66.94 4.16 0.00	139.07 9.70 0.00	149.99 10.57 0.00	145.13 10.69 0.00	144.31 10.13 0.00	136.35 10.09 0.00	142.64 10.16 -10.02	148.92 10.61 -9.33	156.39 11.87 -0.03	272.33 18.65 0.00	156.09 11.75 -1.29	167.91 11.61 -19.59	160.21 12.24 -0.62	157.58 11.90 -0.63	171.02 11.06 0.00
LOCKPORT_115KV_TB60_63_64 80432	64.55 -7.43 -1.36	46.74 -5.41 0.00	42.40 -5.17 0.00	42.26 -5.06 0.00	58.69 -6.75 0.00	44.98 -5.05 0.00	66.69 -7.81 0.00	55.33 -6.80 0.00	48.31 -5.76 0.00	56.36 -6.42 0.00	107.39 -16.60 5.37	121.01 -18.41 0.00	116.61 -17.82 0.00	117.31 -16.87 0.00	110.30 -15.96 0.00	106.88 -15.58 0.00	113.31 -15.67 0.00	126.76 -17.72 0.00	227.30 -26.38 0.00	126.85 -16.20 0.00	121.19 -15.52 0.00	127.63 -19.72 0.00	126.71 -18.34 0.00	141.46 -18.50 0.00
LOCKPORT___CC1 323769	64.52 -7.48 -1.36	46.64 -5.52 0.00	42.31 -5.26 0.00	42.17 -5.16 0.00	58.55 -6.89 0.00	44.87 -5.16 0.00	66.54 -7.96 0.00	55.22 -6.91 0.00	48.19 -5.88 0.00	56.23 -6.55 0.00	107.03 -16.83 5.51	120.80 -18.62 0.00	116.46 -17.98 0.00	117.12 -17.06 0.00	110.07 -16.19 0.00	106.63 -15.83 0.00	113.17 -15.81 0.00	126.53 -17.96 0.00	227.03 -26.65 0.00	126.60 -16.45 0.00	120.98 -15.73 0.00	127.45 -19.89 0.00	126.50 -18.54 0.00	141.25 -18.71 0.00
LOCKPORT___CC2 323770	64.52 -7.48 -1.36	46.64 -5.52 0.00	42.31 -5.26 0.00	42.17 -5.16 0.00	58.55 -6.89 0.00	44.87 -5.16 0.00	66.54 -7.96 0.00	55.22 -6.91 0.00	48.19 -5.88 0.00	56.23 -6.55 0.00	107.03 -16.83 5.51	120.80 -18.62 0.00	116.46 -17.98 0.00	117.12 -17.06 0.00	110.07 -16.19 0.00	106.63 -15.83 0.00	113.17 -15.81 0.00	126.53 -17.96 0.00	227.03 -26.65 0.00	126.60 -16.45 0.00	120.98 -15.73 0.00	127.45 -19.89 0.00	126.50 -18.54 0.00	141.25 -18.71 0.00
LOCKPORT___CC3 323771	64.52 -7.48 -1.36	46.64 -5.52 0.00	42.31 -5.26 0.00	42.17 -5.16 0.00	58.55 -6.89 0.00	44.87 -5.16 0.00	66.54 -7.96 0.00	55.22 -6.91 0.00	48.19 -5.88 0.00	56.23 -6.55 0.00	107.03 -16.83 5.51	120.80 -18.62 0.00	116.46 -17.98 0.00	117.12 -17.06 0.00	110.07 -16.19 0.00	106.63 -15.83 0.00	113.17 -15.81 0.00	126.53 -17.96 0.00	227.03 -26.65 0.00	126.60 -16.45 0.00	120.98 -15.73 0.00	127.45 -19.89 0.00	126.50 -18.54 0.00	141.25 -18.71 0.00
LONG_LAKE_PHOENIX 24014	69.73 -0.90 0.00	51.39 -0.76 0.00	46.92 -0.65 0.00	46.71 -0.62 0.00	64.47 -0.97 0.00	49.39 -0.64 0.00	73.66 -0.84 0.00	61.56 -0.57 0.00	53.67 -0.33 0.07	62.51 -0.26 0.00	127.06 -1.17 1.13	136.95 -1.44 1.03	130.74 -1.67 2.03	131.88 -1.22 1.09	124.17 -1.12 0.98	119.60 -1.21 1.65	128.22 -0.75 0.00	143.66 -0.32 0.50	254.21 0.88 0.34	142.52 0.19 0.71	136.41 -0.29 0.00	145.65 -1.48 0.21	143.42 -1.63 0.00	158.13 -1.83 0.00
LOVETT___3 23632	82.37 3.92 -7.82	55.51 2.71 -0.65	49.94 2.37 0.00	49.64 2.32 0.00	68.60 3.15 0.00	58.11 2.57 -5.51	89.21 3.71 -11.01	71.74 3.12 -6.48	56.97 2.90 0.00	66.04 3.26 0.00	137.09 7.73 0.00	147.81 8.39 0.00	142.86 8.42 0.00	142.25 8.07 0.00	134.18 7.93 0.00	130.13 7.67 0.00	136.89 7.91 0.00	153.55 9.07 0.00	269.00 15.32 0.00	152.17 9.12 0.00	145.47 8.76 0.00	156.70 9.36 0.00	154.23 9.18 0.00	169.50 9.53 0.00
LOVETT___4 23642	82.37 3.92 -7.82	55.51 2.71 -0.65	49.94 2.37 0.00	49.64 2.32 0.00	68.60 3.15 0.00	58.11 2.57 -5.51	89.21 3.71 -11.01	71.74 3.12 -6.48	56.97 2.90 0.00	66.04 3.26 0.00	137.09 7.73 0.00	147.81 8.39 0.00	142.86 8.42 0.00	142.25 8.07 0.00	134.18 7.93 0.00	130.13 7.67 0.00	136.89 7.91 0.00	153.55 9.07 0.00	269.00 15.32 0.00	152.17 9.12 0.00	145.47 8.76 0.00	156.70 9.36 0.00	154.23 9.18 0.00	169.50 9.53 0.00
LOVETT___5 23593	82.37 3.92 -7.82	55.51 2.71 -0.65	49.94 2.37 0.00	49.64 2.32 0.00	68.60 3.15 0.00	58.11 2.57 -5.51	89.21 3.71 -11.01	71.74 3.12 -6.48	56.97 2.90 0.00	66.04 3.26 0.00	137.09 7.73 0.00	147.81 8.39 0.00	142.86 8.42 0.00	142.25 8.07 0.00	134.18 7.93 0.00	130.13 7.67 0.00	136.89 7.91 0.00	153.55 9.07 0.00	269.00 15.32 0.00	152.17 9.12 0.00	145.47 8.76 0.00	156.70 9.36 0.00	154.23 9.18 0.00	169.50 9.53 0.00
LOWER RAQUET___HYD 24057	70.02 -0.61 0.00	51.62 -0.53 0.00	47.04 -0.53 0.00	46.76 -0.57 0.00	64.77 -0.68 0.00	49.53 -0.49 0.00	73.97 -0.52 0.00	61.85 -0.28 0.00	52.03 -0.44 1.61	62.22 -0.55 0.00	101.11 -1.38 26.88	113.10 -1.89 24.43	84.30 -2.07 48.07	105.78 -2.61 25.79	98.00 -3.36 24.91	79.74 -3.59 39.13	125.22 -3.76 0.00	128.28 -4.42 11.78	237.28 -8.31 8.10	121.83 -4.31 16.92	132.57 -4.14 0.01	139.02 -3.26 5.07	142.42 -2.63 0.00	158.05 -1.91 0.00
LOWER___HUDSON 24059	108.15 4.26 -33.26	61.19 3.06 -5.97	50.28 2.71 0.00	50.05 2.72 0.00	69.18 3.73 0.00	103.68 2.84 -50.81	180.03 4.13 -101.41	125.29 3.40 -59.76	57.01 2.95 0.00	66.14 3.36 0.00	136.52 7.16 0.00	147.18 7.76 0.00	141.92 7.49 0.00	141.68 7.50 0.00	133.41 7.15 0.00	129.43 6.97 0.00	135.76 6.77 0.00	152.57 8.09 0.00	267.64 13.96 0.00	150.91 7.86 0.00	144.18 7.47 0.00	155.27 7.92 0.00	152.70 7.65 0.00	168.85 8.89 0.00
LOWVILLE_115KV_TB2 356335	70.22 -0.41 0.00	51.66 -0.49 0.00	47.15 -0.42 0.00	46.74 -0.59 0.00	64.68 -0.77 0.00	49.64 -0.38 0.00	74.13 -0.37 0.00	62.01 -0.12 0.00	53.70 0.02 0.39	63.34 0.57 0.00	124.60 1.84 6.60	134.27 0.84 6.00	123.27 0.64 11.81	129.89 2.05 6.34	122.41 1.89 5.74	113.17 0.32 9.61	131.35 2.38 0.00	142.37 0.79 2.89	255.40 3.71 1.99	141.65 2.76 4.16	137.38 0.67 0.00	145.57 -0.53 1.25	144.47 -0.57 0.00	159.35 -0.61 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	114.86 5.26 -38.98	63.16 3.79 -7.22	50.96 3.39 0.00	50.74 3.41 0.00	70.16 4.71 0.00	115.11 3.68 -61.40	202.56 5.49 -122.57	138.95 4.58 -72.23	58.08 4.01 0.00	67.37 4.59 0.00	138.97 9.61 0.00	149.75 10.33 0.00	144.32 9.88 0.00	144.11 9.93 0.00	135.60 9.34 0.00	131.65 9.20 0.00	138.59 9.61 0.00	155.76 11.28 0.00	273.39 19.71 0.00	154.06 11.01 0.00	147.07 10.36 0.00	158.12 10.77 0.00	155.32 10.28 0.00	171.50 11.54 0.00

LUTHERNY_35_KV_BK2 355980	114.97 5.36 -38.98	63.26 3.89 -7.22	51.06 3.50 0.00	50.83 3.51 0.00	70.29 4.84 0.00	115.21 3.78 -61.40	202.71 5.64 -122.57	139.08 4.71 -72.23	58.19 4.12 0.00	67.42 4.64 0.00	139.08 9.72 0.00	149.99 10.56 0.00	144.43 9.99 0.00	144.20 10.02 0.00	135.69 9.43 0.00	131.72 9.27 0.00	138.77 9.79 0.00	155.87 11.39 0.00	273.63 19.95 0.00	154.22 11.17 0.00	147.20 10.50 0.00	158.23 10.89 0.00	155.41 10.37 0.00	171.59 11.63 0.00
LWR___OSWEGATCHIE_HYD 23850	69.92 -0.71 0.00	51.49 -0.65 0.00	46.97 -0.60 0.00	46.63 -0.70 0.00	64.52 -0.93 0.00	49.45 -0.57 0.00	73.85 -0.65 0.00	61.77 -0.37 0.00	52.64 -0.37 1.07	62.54 -0.24 0.00	111.02 -0.48 17.86	121.90 -1.28 16.23	100.93 -1.56 31.94	115.87 -1.18 17.14	107.58 -1.68 17.00	94.08 -2.37 26.00	127.50 -1.47 0.00	134.34 -2.31 7.83	245.23 -3.07 5.38	130.57 -1.24 11.24	134.62 -2.09 0.00	141.65 -2.32 3.37	142.99 -2.05 0.00	158.23 -1.73 0.00
LYONS_FALL_HYD 23570	71.17 0.54 0.00	52.43 0.28 0.00	47.84 0.28 0.00	47.51 0.18 0.00	65.74 0.29 0.00	50.41 0.39 0.00	75.23 0.74 0.00	62.90 0.76 0.00	54.65 0.80 0.22	64.11 1.33 0.00	128.79 3.11 3.67	138.74 2.65 3.34	130.29 2.43 6.57	134.04 3.39 3.53	126.24 3.14 3.16	119.20 2.09 5.35	132.52 3.54 0.00	145.70 2.83 1.61	259.05 6.48 1.11	144.77 4.03 2.31	139.25 2.54 0.00	148.40 1.74 0.69	146.59 1.55 0.00	161.59 1.63 0.00
MADISON___COUNTY_LFGE 323628	72.06 1.43 0.00	53.18 1.03 0.00	48.58 1.02 0.00	48.37 1.05 0.00	66.94 1.49 0.00	51.29 1.26 0.00	76.59 2.10 0.00	64.00 1.86 0.00	55.83 1.76 0.00	64.97 2.20 0.00	133.67 4.30 0.00	143.94 4.52 0.00	138.67 4.24 0.00	138.71 4.53 0.00	130.56 4.29 0.00	126.45 3.99 0.00	133.57 4.59 0.00	149.37 4.89 0.00	262.77 9.09 0.00	148.12 5.07 0.00	141.09 4.39 0.00	151.25 3.90 0.00	148.58 3.54 0.00	163.68 3.72 0.00
MALONE___115KV_TB1 356076	70.43 -0.20 0.00	51.63 -0.52 0.00	46.96 -0.61 0.00	46.75 -0.58 0.00	64.75 -0.70 0.00	52.63 -0.53 -3.13	80.32 -0.55 -6.37	67.47 -0.25 -5.58	56.09 -0.33 -2.35	68.00 -0.38 -5.60	102.37 -1.01 25.98	117.41 -1.38 20.63	82.47 -1.62 50.34	109.92 -1.97 22.30	102.65 -2.17 21.44	80.42 -1.90 40.14	137.03 -1.84 -9.89	138.29 -2.22 3.97	257.89 -3.53 -7.73	130.26 -2.24 10.55	145.00 -2.08 -10.37	147.06 -1.38 -1.10	143.91 -1.13 0.00	159.21 -0.75 0.00
MAPLEWOD_115KV_TB3 80458	102.32 3.84 -27.85	59.70 2.76 -4.79	50.01 2.44 0.00	49.75 2.42 0.00	68.77 3.33 0.00	93.33 2.55 -40.75	159.51 3.67 -81.35	112.98 2.91 -47.94	56.59 2.52 0.00	65.75 2.97 0.00	135.70 6.34 0.00	146.30 6.88 0.00	141.13 6.70 0.00	140.85 6.66 0.00	132.58 6.31 0.00	128.33 5.87 0.00	134.57 5.59 0.00	151.15 6.67 0.00	265.22 11.54 0.00	149.55 6.50 0.00	142.98 6.27 0.00	153.97 6.62 0.00	151.57 6.53 0.00	167.82 7.85 0.00
MAPLE_RIDGE_WT_1 323574	69.05 -1.58 0.00	51.03 -1.12 0.00	46.43 -1.14 0.00	46.08 -1.24 0.00	63.82 -1.62 0.00	48.71 -1.31 0.00	72.61 -1.88 0.00	60.51 -1.62 0.00	49.09 -1.51 3.47	60.96 -1.82 0.00	67.93 -3.44 57.98	83.01 -3.70 52.71	27.12 -3.60 103.71	75.24 -3.29 55.64	69.93 -3.44 52.89	34.52 -3.51 84.42	125.34 -3.63 0.00	114.65 -4.41 25.42	228.12 -8.08 17.47	101.96 -4.59 36.50	132.36 -4.34 0.01	132.16 -4.25 10.94	140.83 -4.22 0.00	155.41 -4.55 0.00
MAPLE_RIDGE_WT_2 323611	69.05 -1.58 0.00	51.03 -1.12 0.00	46.43 -1.14 0.00	46.08 -1.24 0.00	63.82 -1.62 0.00	48.71 -1.31 0.00	72.61 -1.88 0.00	60.51 -1.62 0.00	49.09 -1.51 3.47	60.96 -1.82 0.00	67.93 -3.44 57.98	83.01 -3.70 52.71	27.12 -3.60 103.71	75.24 -3.29 55.64	69.93 -3.44 52.89	34.52 -3.51 84.42	125.34 -3.63 0.00	114.65 -4.41 25.42	228.12 -8.08 17.47	101.96 -4.59 36.50	132.36 -4.34 0.01	132.16 -4.25 10.94	140.83 -4.22 0.00	155.41 -4.55 0.00
MARBLE_RIVER_WT_PWR 323696	68.84 -1.79 0.00	50.39 -1.76 0.00	45.80 -1.77 0.00	45.61 -1.72 0.00	63.11 -2.34 0.00	2.65 -1.87 45.51	-20.68 -2.67 92.51	-21.00 -2.09 81.04	-11.40 -2.00 63.48	-20.91 -2.33 81.36	9.53 -4.72 115.12	-13.80 -5.25 147.97	-20.50 -5.19 149.75	-20.03 -5.44 148.77	-20.23 -5.25 141.24	-16.55 -4.89 134.11	-19.77 -5.14 143.62	-19.76 -5.98 158.25	-17.46 -10.60 260.53	-19.89 -6.17 156.77	-19.61 -5.74 150.58	33.17 -5.29 108.89	140.08 -4.97 0.00	155.15 -4.81 0.00
MARSHVLE_115KV_TB1 80742	110.48 3.49 -36.36	61.49 2.57 -6.77	49.93 2.36 0.00	49.70 2.37 0.00	68.79 3.35 0.00	110.20 2.61 -57.56	193.52 4.14 -114.89	133.46 3.62 -67.70	57.21 3.15 0.00	66.26 3.49 0.00	136.08 6.71 0.00	146.41 6.99 0.00	141.22 6.78 0.00	140.93 6.74 0.00	132.79 6.53 0.00	128.83 6.38 0.00	136.75 7.77 0.00	153.62 9.14 0.00	270.99 17.31 0.00	152.39 9.34 0.00	145.29 8.58 0.00	156.07 8.73 0.00	153.89 8.84 0.00	168.92 8.95 0.00
MARSH_HILL_WT_PWR 323713	67.47 -5.19 -2.03	48.18 -4.16 -0.19	43.36 -4.21 0.00	43.52 -3.81 0.00	60.47 -4.97 0.00	47.67 -4.01 -1.65	71.51 -6.29 -3.30	58.95 -5.13 -1.94	50.13 -3.94 0.00	58.68 -4.10 0.00	106.17 -11.75 11.44	131.37 -8.05 0.00	128.11 -6.32 0.00	127.53 -6.65 0.00	120.33 -5.93 0.00	116.64 -5.82 0.00	124.34 -4.64 0.00	139.98 -4.50 0.00	248.33 -5.35 0.00	139.30 -3.75 0.00	129.54 -7.17 0.00	140.12 -7.22 0.00	139.13 -5.91 0.00	152.73 -7.23 0.00
MCINTYRE_115KV_TB2 80467	71.29 0.67 0.00	52.63 0.48 0.00	47.95 0.38 0.00	47.65 0.32 0.00	66.10 0.65 0.00	50.59 0.56 0.00	75.60 1.11 0.00	63.22 1.08 0.00	53.08 0.71 1.70	63.26 0.49 0.00	101.05 0.06 28.37	113.26 -0.37 25.79	83.01 -0.68 50.75	105.77 -1.19 27.23	98.50 -1.54 26.22	79.94 -1.21 41.31	127.91 -1.07 0.00	131.57 -0.48 12.44	244.10 -1.03 8.55	124.84 -0.35 17.86	136.44 -0.26 0.01	142.75 0.75 5.36	146.06 1.02 0.00	161.56 1.60 0.00
MECO_____69_KV_BK1 80468	114.51 5.04 -38.84	63.08 3.66 -7.26	50.89 3.32 0.00	50.67 3.34 0.00	70.15 4.71 0.00	115.50 3.70 -61.77	203.56 5.76 -123.31	139.74 4.94 -72.66	58.35 4.28 0.00	67.53 4.75 0.00	138.97 9.61 0.00	149.65 10.23 0.00	144.09 9.65 0.00	143.97 9.78 0.00	135.76 9.50 0.00	131.84 9.39 0.00	139.70 10.72 0.00	157.19 12.71 0.00	277.08 23.40 0.00	155.87 12.82 0.00	148.67 11.96 0.00	159.46 12.12 0.00	156.82 11.77 0.00	172.35 12.38 0.00
MENANDS___115KV_TB5 355628	101.07 3.56 -26.88	59.29 2.57 -4.58	49.85 2.28 0.00	49.57 2.24 0.00	68.54 3.10 0.00	91.32 2.35 -38.94	155.54 3.31 -77.73	110.52 2.58 -45.81	56.27 2.20 0.00	65.39 2.61 0.00	134.95 5.59 0.00	145.49 6.07 0.00	140.38 5.95 0.00	140.07 5.89 0.00	131.84 5.58 0.00	127.48 5.02 0.00	133.60 4.62 0.00	150.01 5.53 0.00	263.11 9.43 0.00	148.41 5.36 0.00	141.91 5.20 0.00	152.92 5.57 0.00	150.59 5.54 0.00	166.98 7.02 0.00
MG INDUSTRY___DRP 24185	91.94 3.21 -18.11	57.14 2.33 -2.67	49.63 2.06 0.00	49.37 2.04 0.00	68.27 2.82 0.00	74.83 2.13 -22.68	122.77 3.00 -45.28	91.16 2.35 -26.68	56.06 1.99 0.00	65.07 2.29 0.00	134.22 4.86 0.00	144.57 5.15 0.00	139.36 4.93 0.00	139.21 5.03 0.00	131.03 4.77 0.00	126.64 4.18 0.00	133.18 4.20 0.00	149.65 5.17 0.00	262.46 8.78 0.00	148.11 5.06 0.00	141.56 4.86 0.00	152.51 5.16 0.00	150.18 5.13 0.00	166.40 6.43 0.00

MID___OSWEGATCHIE_HYD 23849	69.92 -0.71 0.00	51.49 -0.65 0.00	46.97 -0.60 0.00	46.63 -0.70 0.00	64.52 -0.93 0.00	49.45 -0.57 0.00	73.85 -0.65 0.00	61.77 -0.37 0.00	52.64 -0.37 1.07	62.54 -0.24 0.00	111.02 -0.48 17.86	121.90 -1.28 16.23	100.93 -1.56 31.94	115.87 -1.18 17.14	107.58 -1.68 17.00	94.08 -2.37 26.00	127.50 -1.47 0.00	134.34 -2.31 7.83	245.23 -3.07 5.38	130.57 -1.24 11.24	134.62 -2.09 0.00	141.65 -2.32 3.37	142.99 -2.05 0.00	158.23 -1.73 0.00
MID___RAQUETTE_HYD 23851	70.03 -0.60 0.00	51.62 -0.53 0.00	47.04 -0.53 0.00	46.76 -0.57 0.00	64.76 -0.68 0.00	49.53 -0.49 0.00	73.97 -0.52 0.00	61.86 -0.28 0.00	52.03 -0.43 1.61	62.22 -0.55 0.00	101.11 -1.38 26.88	113.09 -1.90 24.43	84.30 -2.07 48.07	105.78 -2.61 25.79	97.99 -3.36 24.91	79.74 -3.59 39.13	125.23 -3.74 0.00	128.29 -4.41 11.78	237.28 -8.31 8.10	121.83 -4.30 16.92	132.57 -4.14 0.01	139.03 -3.25 5.07	142.42 -2.62 0.00	158.05 -1.91 0.00
MILLIKEN___1 23584	72.87 0.18 -2.06	52.33 -0.02 -0.20	47.59 0.02 0.00	47.41 0.08 0.00	65.48 0.03 0.00	51.97 0.20 -1.74	78.28 0.30 -3.48	64.57 0.39 -2.05	54.52 0.45 0.00	63.21 0.43 0.00	146.83 -0.20 -17.66	138.84 -0.58 0.00	133.56 -0.87 0.00	133.49 -0.69 0.00	125.72 -0.54 0.00	122.05 -0.41 0.00	129.67 0.69 0.00	145.96 1.48 0.00	258.02 4.34 0.00	145.32 2.27 0.00	138.32 1.61 0.00	147.90 0.56 0.00	145.39 0.34 0.00	160.25 0.28 0.00
MILLIKEN___2 23585	72.87 0.18 -2.06	52.33 -0.02 -0.20	47.59 0.02 0.00	47.41 0.08 0.00	65.48 0.03 0.00	51.97 0.20 -1.74	78.28 0.30 -3.48	64.57 0.39 -2.05	54.52 0.45 0.00	63.21 0.43 0.00	146.83 -0.20 -17.66	138.84 -0.58 0.00	133.56 -0.87 0.00	133.49 -0.69 0.00	125.72 -0.54 0.00	122.05 -0.41 0.00	129.67 0.69 0.00	145.96 1.48 0.00	258.02 4.34 0.00	145.32 2.27 0.00	138.32 1.61 0.00	147.90 0.56 0.00	145.39 0.34 0.00	160.25 0.28 0.00
MILLIKEN___DIESEL 23629	72.87 0.18 -2.06	52.33 -0.02 -0.20	47.59 0.02 0.00	47.41 0.08 0.00	65.48 0.03 0.00	51.97 0.20 -1.74	78.28 0.30 -3.48	64.57 0.39 -2.05	54.52 0.45 0.00	63.21 0.43 0.00	146.83 -0.20 -17.66	138.84 -0.58 0.00	133.56 -0.87 0.00	133.49 -0.69 0.00	125.72 -0.54 0.00	122.05 -0.41 0.00	129.67 0.69 0.00	145.96 1.48 0.00	258.02 4.34 0.00	145.32 2.27 0.00	138.32 1.61 0.00	147.90 0.56 0.00	145.39 0.34 0.00	160.25 0.28 0.00
MILLSEAT___LFGE 323607	66.39 -5.55 -1.31	48.06 -4.09 0.00	43.65 -3.92 0.00	43.50 -3.83 0.00	60.40 -5.04 0.00	46.36 -3.67 0.00	68.94 -5.56 0.00	57.33 -4.80 0.00	50.07 -4.00 0.00	58.36 -4.42 0.00	112.03 -12.34 4.99	125.36 -14.06 0.00	120.84 -13.60 0.00	121.50 -12.68 0.00	114.30 -11.97 0.00	110.84 -11.61 0.00	117.68 -11.30 0.00	132.02 -12.46 0.00	236.66 -17.01 0.00	131.96 -11.09 0.00	125.99 -10.72 0.00	132.78 -14.57 0.00	131.45 -13.60 0.00	146.37 -13.60 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	82.89 4.22 -8.05	55.76 2.94 -0.67	50.14 2.57 0.00	49.85 2.52 0.00	68.88 3.43 0.00	58.48 2.76 -5.69	89.86 4.00 -11.36	72.20 3.37 -6.69	57.21 3.14 0.00	66.34 3.56 0.00	137.74 8.38 0.00	148.58 9.15 0.00	143.65 9.22 0.00	143.06 8.88 0.00	134.91 8.65 0.00	130.84 8.38 0.00	137.62 8.64 0.00	154.40 9.92 0.00	270.30 16.62 0.00	152.98 9.93 0.00	146.28 9.57 0.00	157.52 10.17 0.00	155.01 9.96 0.00	170.29 10.33 0.00
MILLWOOD_13_KV_LOAD 356217	82.97 4.29 -8.05	55.82 3.00 -0.67	50.19 2.62 0.00	49.90 2.57 0.00	68.97 3.52 0.00	58.55 2.83 -5.69	89.97 4.11 -11.36	72.30 3.47 -6.69	57.28 3.21 0.00	66.41 3.63 0.00	137.90 8.55 0.00	148.74 9.32 0.00	143.80 9.36 0.00	143.20 9.02 0.00	135.06 8.80 0.00	130.97 8.51 0.00	137.82 8.84 0.00	154.63 10.15 0.00	270.74 17.06 0.00	153.25 10.20 0.00	146.49 9.78 0.00	157.75 10.40 0.00	155.20 10.16 0.00	170.51 10.55 0.00
MODEL_CITY_ENERGY 24167	64.01 -8.00 -1.38	46.30 -5.85 0.00	42.02 -5.54 0.00	41.89 -5.44 0.00	58.16 -7.29 0.00	44.54 -5.49 0.00	66.05 -8.44 0.00	54.68 -7.45 0.00	47.73 -6.34 0.00	55.67 -7.11 0.00	106.05 -17.82 5.49	119.38 -20.05 0.00	115.05 -19.38 0.00	115.73 -18.45 0.00	108.83 -17.43 0.00	105.44 -17.02 0.00	111.86 -17.12 0.00	124.96 -19.52 0.00	224.26 -29.42 0.00	125.05 -18.00 0.00	119.57 -17.14 0.00	125.93 -21.42 0.00	125.12 -19.92 0.00	139.78 -20.18 0.00
MODERN_LFGE___ 323580	64.01 -8.00 -1.38	46.30 -5.85 0.00	42.02 -5.54 0.00	41.89 -5.44 0.00	58.16 -7.29 0.00	44.54 -5.49 0.00	66.05 -8.44 0.00	54.68 -7.45 0.00	47.73 -6.34 0.00	55.67 -7.11 0.00	106.05 -17.82 5.49	119.38 -20.05 0.00	115.05 -19.38 0.00	115.73 -18.45 0.00	108.83 -17.43 0.00	105.44 -17.02 0.00	111.86 -17.12 0.00	124.96 -19.52 0.00	224.26 -29.42 0.00	125.05 -18.00 0.00	119.57 -17.14 0.00	125.93 -21.42 0.00	125.12 -19.92 0.00	139.78 -20.18 0.00
MOHAWK_PAPER___DRP 24187	102.32 3.84 -27.85	59.70 2.76 -4.79	50.01 2.44 0.00	49.75 2.42 0.00	68.77 3.33 0.00	93.33 2.55 -40.75	159.51 3.67 -81.35	112.98 2.91 -47.94	56.59 2.52 0.00	65.75 2.97 0.00	135.70 6.34 0.00	146.30 6.88 0.00	141.13 6.70 0.00	140.85 6.66 0.00	132.58 6.31 0.00	128.33 5.87 0.00	134.57 5.59 0.00	151.15 6.67 0.00	265.22 11.54 0.00	149.55 6.50 0.00	142.98 6.27 0.00	153.97 6.62 0.00	151.57 6.53 0.00	167.82 7.85 0.00
MOHICAN___35_KV_115KV_LD 80490	116.73 6.84 -39.26	64.30 4.86 -7.28	51.94 4.37 0.00	51.73 4.41 0.00	71.56 6.11 0.00	116.80 4.84 -61.93	205.42 7.31 -123.61	141.11 6.13 -72.84	59.44 5.37 0.00	68.95 6.17 0.00	142.12 12.75 0.00	153.07 13.64 0.00	147.36 12.93 0.00	147.34 13.16 0.00	138.40 12.13 0.00	134.57 12.11 0.00	141.88 12.91 0.00	159.75 15.26 0.00	280.24 26.56 0.00	157.85 14.80 0.00	150.48 13.78 0.00	161.54 14.20 0.00	158.50 13.45 0.00	175.03 15.06 0.00
MONGAUP___HYD 23641	82.63 4.61 -7.39	55.79 3.03 -0.61	50.21 2.64 0.00	49.93 2.61 0.00	69.02 3.57 0.00	58.12 2.89 -5.20	89.46 4.58 -10.38	72.18 3.92 -6.12	57.63 3.56 0.00	66.81 4.03 0.00	138.18 8.82 0.00	148.97 9.55 0.00	143.43 9.00 0.00	142.65 8.46 0.00	134.48 8.22 0.00	130.46 8.00 0.00	137.54 8.56 0.00	153.37 8.89 0.00	268.09 14.41 0.00	153.39 10.34 0.00	147.33 10.62 0.00	158.53 11.18 0.00	155.74 10.69 0.00	171.20 11.23 0.00
MONTAUK___DIESEL 23721	87.49 8.77 -8.09	58.97 6.15 -0.67	53.06 5.49 0.00	52.79 5.46 0.00	73.22 7.77 0.00	61.90 6.15 -5.72	94.95 9.04 -11.42	76.56 7.70 -6.73	60.64 6.57 0.00	70.29 7.51 0.00	145.14 15.78 0.00	156.50 17.07 0.00	150.02 15.59 0.00	143.92 9.74 0.00	134.42 8.16 0.00	141.41 8.94 -10.02	148.81 10.50 -9.33	172.02 12.59 -14.95	280.82 14.88 -12.26	257.78 13.03 -101.70	202.31 12.44 -53.17	261.73 12.33 -102.06	218.74 12.48 -61.22	170.58 10.61 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	66.55 -5.82 -1.74	47.81 -4.51 -0.17	43.28 -4.29 0.00	43.18 -4.15 0.00	59.96 -5.49 0.00	47.58 -3.87 -1.42	71.34 -5.99 -2.83	58.94 -4.86 -1.67	50.21 -3.85 0.00	58.55 -4.23 0.00	110.32 -11.92 7.12	127.22 -12.20 0.00	122.42 -12.02 0.00	123.11 -11.07 0.00	115.68 -10.58 0.00	111.80 -10.66 0.00	118.64 -10.34 0.00	133.18 -11.30 0.00	237.16 -16.52 0.00	133.13 -9.92 0.00	127.17 -9.54 0.00	134.06 -13.29 0.00	132.81 -12.24 0.00	147.72 -12.24 0.00

MORRIS_RIDGE___SOLAR 323848	67.92 -4.67 -1.96	48.36 -3.97 -0.19	43.62 -3.95 0.00	43.56 -3.77 0.00	60.38 -5.06 0.00	47.84 -3.78 -1.59	71.75 -5.93 -3.18	59.12 -4.89 -1.88	50.02 -4.04 0.00	58.21 -4.57 0.00	103.88 -12.80 12.69	129.16 -10.27 0.00	124.83 -9.61 0.00	125.05 -9.13 0.00	117.68 -8.59 0.00	113.97 -8.49 0.00	121.09 -7.88 0.00	135.88 -8.60 0.00	241.35 -12.33 0.00	135.51 -7.54 0.00	128.58 -8.13 0.00	136.89 -10.45 0.00	135.47 -9.58 0.00	150.03 -9.93 0.00
MORTIMER_115KV_TB3 55949	67.38 -4.38 -1.13	48.88 -3.27 0.00	44.51 -3.07 0.00	44.34 -2.99 0.00	61.40 -4.04 0.00	47.06 -2.97 0.00	70.03 -4.46 0.00	58.43 -3.71 0.00	50.98 -3.09 0.00	59.39 -3.39 0.00	116.74 -9.30 3.33	129.24 -10.18 0.00	124.50 -9.94 0.00	124.79 -9.39 0.00	117.33 -8.93 0.00	113.79 -8.67 0.00	120.48 -8.50 0.00	135.18 -9.30 0.00	240.60 -13.08 0.00	134.74 -8.31 0.00	128.53 -8.18 0.00	136.42 -10.92 0.00	134.60 -10.45 0.00	149.29 -10.68 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	83.36 4.63 -8.10	56.05 3.22 -0.67	50.38 2.82 0.00	50.09 2.77 0.00	69.23 3.78 0.00	58.76 3.00 -5.72	90.26 4.34 -11.43	72.52 3.66 -6.73	57.50 3.43 0.00	66.65 3.87 0.00	138.73 9.37 0.00	149.70 10.28 0.00	144.78 10.35 0.00	144.14 9.96 0.00	135.98 9.71 0.00	131.80 9.34 0.00	138.61 9.63 0.00	155.38 10.90 0.00	271.86 18.18 0.00	153.94 10.89 0.00	147.22 10.52 0.00	158.61 11.26 0.00	156.14 11.09 0.00	171.39 11.43 0.00
MUNSVILLE_WIND_PWR 323609	76.52 1.90 -4.00	53.73 1.11 -0.47	48.63 1.06 0.00	48.52 1.19 0.00	67.08 1.64 0.00	56.31 2.28 -4.00	86.30 3.82 -7.99	70.31 3.47 -4.71	57.32 3.25 0.00	65.52 2.74 0.00	142.12 3.87 -8.89	143.37 3.95 0.00	137.25 2.82 0.00	136.89 2.70 0.00	129.06 2.80 0.00	125.91 3.45 0.00	134.42 5.44 0.00	152.34 7.86 0.00	268.89 15.21 0.00	151.48 8.44 0.00	144.38 7.67 0.00	154.07 6.73 0.00	151.18 6.13 0.00	166.36 6.40 0.00
N SALMON___HYD 24042	70.43 -0.20 0.00	51.63 -0.52 0.00	46.96 -0.61 0.00	46.75 -0.58 0.00	64.75 -0.70 0.00	52.63 -0.53 -3.13	80.32 -0.55 -6.37	67.47 -0.25 -5.58	56.09 -0.33 -2.35	68.00 -0.38 -5.60	102.38 -1.00 25.98	117.41 -1.38 20.63	82.48 -1.62 50.34	109.92 -1.97 22.30	102.65 -2.17 21.44	80.42 -1.90 40.14	137.02 -1.85 -9.89	138.29 -2.22 3.97	257.88 -3.53 -7.73	130.26 -2.24 10.55	145.00 -2.08 -10.37	147.06 -1.38 -1.10	143.91 -1.13 0.00	159.22 -0.75 0.00
N.AKRON__115KV_KNAPP 355671	65.83 -6.13 -1.33	47.69 -4.46 0.00	43.30 -4.27 0.00	43.16 -4.17 0.00	59.94 -5.51 0.00	45.96 -4.06 0.00	68.29 -6.21 0.00	56.75 -5.39 0.00	49.55 -4.52 0.00	57.78 -4.99 0.00	110.58 -13.64 5.14	124.14 -15.28 0.00	119.62 -14.81 0.00	120.31 -13.88 0.00	113.17 -13.09 0.00	109.70 -12.76 0.00	116.35 -12.63 0.00	130.42 -14.06 0.00	233.77 -19.91 0.00	130.39 -12.66 0.00	124.52 -12.19 0.00	131.17 -16.18 0.00	130.00 -15.04 0.00	144.93 -15.03 0.00
N.BELMOR_69_KV_BK1 55787	84.39 5.67 -8.09	56.73 3.91 -0.67	51.00 3.43 0.00	50.70 3.37 0.00	70.11 4.66 0.00	59.43 3.69 -5.72	91.24 5.33 -11.42	73.36 4.49 -6.73	58.04 3.98 0.00	67.40 4.62 0.00	139.99 10.63 0.00	151.02 11.59 0.00	146.05 11.61 0.00	145.24 11.05 0.00	137.27 11.00 0.00	143.62 11.14 -10.02	150.00 11.69 -9.33	157.52 13.01 -0.03	274.49 20.81 0.00	157.36 13.03 -1.29	169.33 13.03 -19.59	161.67 13.70 -0.62	158.91 13.23 -0.63	172.45 12.48 0.00
N.E_GEN_SANDY PD 24062	137.42 4.26 -62.53	94.63 3.06 -39.42	94.99 2.70 -44.72	96.70 2.67 -46.71	109.99 3.67 -40.87	102.41 2.83 -49.55	117.37 4.06 -38.81	115.87 3.33 -50.41	90.06 2.96 -33.04	105.46 3.37 -39.31	136.73 7.37 0.00	147.40 7.98 0.00	142.28 7.85 0.00	141.97 7.79 0.00	133.76 7.50 0.00	133.56 7.38 -3.72	135.53 7.09 0.54	153.87 8.41 -0.98	267.95 14.27 0.00	157.19 8.27 -5.87	144.58 7.88 0.00	155.84 8.50 0.00	152.24 8.24 1.04	169.28 9.32 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	82.45 4.02 -7.80	55.60 2.80 -0.65	50.00 2.43 0.00	49.72 2.39 0.00	68.70 3.26 0.00	58.17 2.65 -5.50	89.32 3.84 -10.98	71.85 3.24 -6.48	57.06 3.00 0.00	66.16 3.38 0.00	137.33 7.97 0.00	148.05 8.63 0.00	143.10 8.67 0.00	142.51 8.33 0.00	134.39 8.12 0.00	130.35 7.89 0.00	137.11 8.14 0.00	153.85 9.37 0.00	269.53 15.85 0.00	152.47 9.41 0.00	145.74 9.03 0.00	156.98 9.63 0.00	154.46 9.42 0.00	169.76 9.80 0.00
N.QUEENS_27_KV_LOAD 356247	83.48 4.75 -8.10	56.09 3.26 -0.67	50.38 2.81 0.00	50.07 2.75 0.00	69.24 3.79 0.00	58.73 2.97 -5.72	90.21 4.29 -11.42	72.54 3.67 -6.73	57.57 3.50 0.00	66.69 3.92 0.00	139.18 9.82 0.00	149.84 10.42 0.00	145.26 10.82 0.00	144.47 10.29 0.00	136.34 10.08 0.00	132.16 9.70 0.00	138.97 9.99 0.00	155.59 11.11 0.00	272.43 18.75 0.00	154.39 11.33 0.00	147.56 10.85 0.00	159.17 11.83 0.00	156.66 11.61 0.00	172.09 12.13 0.00
N.TROY___115KV_TB1 355778	108.15 4.26 -33.26	61.19 3.06 -5.97	50.29 2.73 0.00	50.04 2.72 0.00	69.18 3.73 0.00	103.68 2.84 -50.81	180.04 4.13 -101.41	125.30 3.40 -59.76	57.02 2.95 0.00	66.14 3.36 0.00	136.53 7.17 0.00	147.19 7.76 0.00	141.93 7.49 0.00	141.68 7.50 0.00	133.41 7.14 0.00	129.42 6.96 0.00	135.76 6.78 0.00	152.58 8.10 0.00	267.69 14.01 0.00	150.91 7.86 0.00	144.19 7.48 0.00	155.27 7.93 0.00	152.70 7.66 0.00	168.85 8.88 0.00
NARROWS_GT1_1 24228	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.05 0.00	144.53 10.68 -7.60	174.99 10.15 -42.38	372.79 10.53 -233.28	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
NARROWS_GT1_2 24229	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.05 0.00	144.53 10.68 -7.60	174.99 10.15 -42.38	372.79 10.53 -233.28	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
NARROWS_GT1_3 24230	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.05 0.00	144.53 10.68 -7.60	174.99 10.15 -42.38	372.79 10.53 -233.28	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
NARROWS_GT1_4 24231	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.05 0.00	144.53 10.68 -7.60	174.99 10.15 -42.38	372.79 10.53 -233.28	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18

NARROWS_GT1_5 24232	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.05 0.00	144.53 10.68 -7.60	174.99 10.15 -42.38	372.79 10.53 -233.28	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
NARROWS_GT1_6 24233	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.05 0.00	144.53 10.68 -7.60	174.99 10.15 -42.38	372.79 10.53 -233.28	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
NARROWS_GT1_7 24234	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.05 0.00	144.53 10.68 -7.60	174.99 10.15 -42.38	372.79 10.53 -233.28	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
NARROWS_GT1_8 24235	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.05 0.00	144.53 10.68 -7.60	174.99 10.15 -42.38	372.79 10.53 -233.28	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
NARROWS_GT2_1 24236	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.05 0.00	144.53 10.68 -7.60	134.94 10.15 -2.33	341.69 10.53 -202.19	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
NARROWS_GT2_2 24237	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.05 0.00	144.53 10.68 -7.60	134.94 10.15 -2.33	341.69 10.53 -202.19	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
NARROWS_GT2_3 24238	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.05 0.00	144.53 10.68 -7.60	134.94 10.15 -2.33	341.69 10.53 -202.19	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
NARROWS_GT2_4 24239	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.05 0.00	144.53 10.68 -7.60	134.94 10.15 -2.33	341.69 10.53 -202.19	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
NARROWS_GT2_5 24240	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.05 0.00	144.53 10.68 -7.60	134.94 10.15 -2.33	341.69 10.53 -202.19	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
NARROWS_GT2_6 24241	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.05 0.00	144.53 10.68 -7.60	134.94 10.15 -2.33	341.69 10.53 -202.19	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
NARROWS_GT2_7 24242	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.05 0.00	144.53 10.68 -7.60	134.94 10.15 -2.33	341.69 10.53 -202.19	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
NARROWS_GT2_8 24243	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	202.70 11.41 -51.87	147.32 11.47 -1.42	145.23 11.05 0.00	144.53 10.68 -7.60	134.94 10.15 -2.33	341.69 10.53 -202.19	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	93.42 5.25 -17.54	58.60 3.87 -2.58	51.04 3.47 0.00	50.80 3.48 0.00	70.29 4.84 0.00	75.67 3.69 -21.95	123.70 5.38 -43.82	92.28 4.33 -25.82	57.93 3.86 0.00	67.28 4.50 0.00	138.59 9.22 0.00	149.25 9.83 0.00	143.56 9.12 0.00	143.23 9.05 0.00	134.68 8.41 0.00	130.10 7.64 0.00	136.98 8.00 0.00	154.67 10.19 0.00	271.93 18.25 0.00	153.26 10.21 0.00	146.23 9.52 0.00	157.28 9.93 0.00	154.74 9.69 0.00	171.82 11.85 0.00
NCHELSEA_115KV_TR2 355582	83.68 4.84 -8.21	56.25 3.40 -0.70	50.57 3.00 0.00	50.29 2.96 0.00	69.50 4.05 0.00	59.21 3.25 -5.93	91.16 4.82 -11.84	73.19 4.08 -6.97	57.83 3.76 0.00	67.08 4.30 0.00	139.04 9.67 0.00	149.92 10.50 0.00	144.85 10.42 0.00	144.26 10.08 0.00	136.00 9.73 0.00	131.95 9.49 0.00	138.97 9.99 0.00	156.12 11.64 0.00	273.64 19.96 0.00	154.84 11.79 0.00	147.91 11.20 0.00	159.15 11.80 0.00	156.46 11.42 0.00	171.89 11.93 0.00
NEG CAPITAL___MECHNVIL 23645	113.39 5.34 -37.42	62.87 3.84 -6.88	51.00 3.44 0.00	50.78 3.46 0.00	70.21 4.77 0.00	112.28 3.72 -58.53	196.88 5.57 -116.82	135.62 4.64 -68.84	58.15 4.08 0.00	67.46 4.68 0.00	139.19 9.83 0.00	150.00 10.58 0.00	144.58 10.14 0.00	144.33 10.15 0.00	135.84 9.58 0.00	131.88 9.42 0.00	138.71 9.73 0.00	155.97 11.49 0.00	273.72 20.04 0.00	154.25 11.20 0.00	147.26 10.55 0.00	158.33 10.98 0.00	155.46 10.41 0.00	171.68 11.72 0.00

NEG CENTRAL_HIGH_ACRES 23767	66.93 -4.79 -1.10	48.59 -3.56 0.00	44.31 -3.26 0.00	44.14 -3.19 0.00	61.05 -4.40 0.00	46.79 -3.23 0.00	69.65 -4.85 0.00	58.14 -4.00 0.00	50.73 -3.33 0.00	59.07 -3.71 0.00	117.32 -9.61 2.44	128.89 -10.53 0.00	124.17 -10.26 0.00	124.46 -9.72 0.00	116.98 -9.28 0.00	113.41 -9.05 0.00	120.16 -8.82 0.00	134.81 -9.67 0.00	239.61 -14.07 0.00	134.24 -8.81 0.00	128.01 -8.70 0.00	136.14 -11.21 0.00	134.09 -10.95 0.00	148.53 -11.44 0.00
NEG CENTRAL___DRP 24199	70.09 -1.74 -1.20	50.74 -1.41 0.00	46.37 -1.20 0.00	46.22 -1.11 0.00	63.77 -1.68 0.00	48.89 -1.14 0.00	72.74 -1.75 0.00	60.84 -1.30 0.00	53.06 -1.01 0.00	61.67 -1.11 0.00	121.51 -4.28 3.57	134.74 -4.68 0.00	129.63 -4.80 0.00	129.51 -4.67 0.00	121.99 -4.28 0.00	118.46 -3.99 0.00	125.79 -3.19 0.00	141.43 -3.05 0.00	250.26 -3.42 0.00	140.84 -2.21 0.00	133.98 -2.73 0.00	142.98 -4.37 0.00	140.69 -4.35 0.00	155.22 -4.74 0.00
NEG CENTRAL___INDECK 23768	70.28 -1.90 -1.55	50.45 -1.70 0.00	45.80 -1.77 0.00	45.70 -1.63 0.00	63.42 -2.03 0.00	48.61 -1.41 0.00	72.52 -1.98 0.00	60.64 -1.50 0.00	53.00 -1.07 0.00	61.64 -1.13 0.00	117.66 -5.90 5.80	133.97 -5.46 0.00	128.67 -5.76 0.00	128.85 -5.34 0.00	121.19 -5.08 0.00	118.26 -4.20 0.00	126.21 -2.77 0.00	142.80 -1.69 0.00	255.16 1.48 0.00	142.79 -0.26 0.00	135.40 -1.31 0.00	143.83 -3.52 0.00	141.87 -3.18 0.00	156.86 -3.10 0.00
NEG CENTRAL___SENECA 23627	70.04 -1.91 -1.32	50.58 -1.57 0.00	46.23 -1.33 0.00	46.10 -1.23 0.00	63.62 -1.83 0.00	48.81 -1.21 0.00	72.61 -1.89 0.00	60.80 -1.33 0.00	53.03 -1.04 0.00	61.63 -1.14 0.00	117.43 -5.14 6.79	134.01 -5.42 0.00	128.96 -5.47 0.00	128.85 -5.33 0.00	121.28 -4.98 0.00	117.90 -4.56 0.00	125.28 -3.70 0.00	141.03 -3.45 0.00	249.77 -3.91 0.00	140.42 -2.63 0.00	133.52 -3.19 0.00	142.32 -5.03 0.00	140.06 -4.98 0.00	154.52 -5.45 0.00
NEG CENTRAL___STATE_STREET 24147	70.94 -0.87 -1.18	51.41 -0.74 0.00	46.98 -0.58 0.00	46.80 -0.52 0.00	64.54 -0.91 0.00	49.47 -0.56 0.00	73.46 -1.04 0.00	61.35 -0.79 0.00	53.54 -0.53 0.00	62.18 -0.60 0.00	128.93 -2.44 -2.02	136.48 -2.94 0.00	131.32 -3.11 0.00	131.18 -3.00 0.00	123.60 -2.66 0.00	119.95 -2.51 0.00	127.51 -1.47 0.00	143.04 -1.44 0.00	253.59 -0.09 0.00	142.82 -0.23 0.00	135.62 -1.09 0.00	145.05 -2.29 0.00	142.56 -2.48 0.00	157.17 -2.79 0.00
NEG MILLWOOD___DRP 24198	84.03 5.16 -8.24	56.47 3.63 -0.69	50.76 3.20 0.00	50.49 3.16 0.00	69.80 4.35 0.00	59.41 3.48 -5.90	91.36 5.09 -11.78	73.36 4.28 -6.94	58.04 3.97 0.00	67.32 4.54 0.00	139.60 10.24 0.00	150.60 11.18 0.00	145.56 11.12 0.00	144.99 10.81 0.00	136.64 10.38 0.00	132.71 10.25 0.00	139.79 10.81 0.00	157.03 12.55 0.00	275.19 21.52 0.00	155.70 12.64 0.00	148.76 12.05 0.00	160.03 12.69 0.00	157.32 12.28 0.00	172.75 12.78 0.00
NEG NORTH_FLCN_SEA 23793	69.76 -0.87 0.00	51.00 -1.15 0.00	46.31 -1.26 0.00	46.16 -1.17 0.00	63.75 -1.69 0.00	-0.09 -1.52 48.60	-26.42 -2.12 98.80	-26.09 -1.67 86.55	-15.14 -1.56 67.65	-25.94 -1.83 86.89	5.19 -3.61 120.56	-20.57 -4.12 155.87	-25.46 -4.23 155.66	-26.82 -4.41 156.60	-26.68 -4.28 148.66	-21.21 -3.91 139.76	-28.54 -4.15 153.38	-28.28 -4.80 167.97	-32.32 -8.47 277.52	-27.89 -5.00 165.94	-28.73 -4.63 160.81	27.44 -4.07 115.84	141.48 -3.56 0.00	157.37 -2.59 0.00
NEG NORTH_KES_CHATEGAY 23792	69.05 -1.58 0.00	50.54 -1.61 0.00	45.95 -1.62 0.00	45.74 -1.59 0.00	63.32 -2.13 0.00	53.07 -1.69 -4.72	81.70 -2.40 -9.60	68.70 -1.84 -8.41	56.71 -1.75 -4.40	69.15 -2.08 -8.44	100.41 -4.22 24.74	116.60 -4.83 17.99	79.35 -5.01 50.08	109.26 -5.15 19.76	102.33 -4.94 18.99	78.42 -4.54 39.49	139.24 -4.65 -14.90	139.44 -5.38 -0.34	260.32 -9.35 -15.99	130.69 -5.54 6.82	147.20 -5.13 -15.63	147.12 -4.60 -4.38	140.68 -4.37 0.00	155.71 -4.25 0.00
NEG NORTH___ALICE_FALLS 23915	70.07 -0.56 0.00	51.23 -0.92 0.00	46.52 -1.05 0.00	46.38 -0.95 0.00	64.11 -1.34 0.00	82.64 -1.16 -33.77	141.59 -1.55 -68.65	121.12 -1.16 -60.14	96.54 -1.12 -43.59	121.86 -1.28 -60.37	153.45 -2.55 -26.64	192.78 -3.02 -56.38	137.23 -3.20 -5.99	184.75 -3.42 -53.99	173.83 -3.36 -50.92	133.45 -2.95 -13.94	232.53 -3.01 -106.57	232.68 -3.47 -91.67	423.41 -5.89 -175.63	218.75 -3.64 -79.34	245.06 -3.38 -111.73	214.25 -2.81 -69.71	142.62 -2.42 0.00	158.28 -1.69 0.00
NEG NORTH___LWR_SARANAC 23913	70.07 -0.56 0.00	51.23 -0.92 0.00	46.52 -1.05 0.00	46.38 -0.95 0.00	64.11 -1.34 0.00	82.64 -1.16 -33.77	141.59 -1.55 -68.65	121.12 -1.16 -60.14	96.54 -1.12 -43.59	121.86 -1.28 -60.37	153.45 -2.55 -26.64	192.78 -3.02 -56.38	137.23 -3.20 -5.99	184.75 -3.42 -53.99	173.83 -3.36 -50.92	133.45 -2.95 -13.94	232.53 -3.01 -106.57	232.68 -3.47 -91.67	423.41 -5.89 -175.63	218.75 -3.64 -79.34	245.06 -3.38 -111.73	214.25 -2.81 -69.71	142.62 -2.42 0.00	158.28 -1.69 0.00
NEG NORTH___PLATTSBURG 23628	70.06 -0.56 0.00	51.23 -0.92 0.00	46.52 -1.05 0.00	46.38 -0.95 0.00	64.11 -1.34 0.00	82.64 -1.16 -33.77	141.60 -1.55 -68.65	121.12 -1.16 -60.14	96.54 -1.12 -43.59	121.86 -1.29 -60.37	153.45 -2.56 -26.64	192.78 -3.02 -56.38	137.23 -3.20 -5.99	184.75 -3.43 -53.99	173.84 -3.36 -50.92	133.45 -2.96 -13.94	232.51 -3.04 -106.57	232.68 -3.47 -91.67	423.42 -5.89 -175.63	218.74 -3.65 -79.34	245.06 -3.38 -111.73	214.24 -2.81 -69.71	142.62 -2.43 0.00	158.29 -1.67 0.00
NEG WEST_LEA_LOCKPORT 23791	64.46 -7.53 -1.36	46.63 -5.52 0.00	42.30 -5.27 0.00	42.17 -5.16 0.00	58.56 -6.89 0.00	44.86 -5.17 0.00	66.51 -7.99 0.00	55.22 -6.91 0.00	48.18 -5.89 0.00	56.22 -6.56 0.00	106.94 -16.92 5.51	120.85 -18.57 0.00	116.48 -17.96 0.00	117.14 -17.04 0.00	110.11 -16.15 0.00	106.68 -15.78 0.00	113.14 -15.84 0.00	126.54 -17.94 0.00	226.90 -26.78 0.00	126.60 -16.45 0.00	120.98 -15.72 0.00	127.40 -19.94 0.00	126.46 -18.58 0.00	141.25 -18.71 0.00
NEG WEST___LANCASTER 23811	68.45 -3.75 -1.58	49.26 -2.89 0.00	44.71 -2.86 0.00	44.58 -2.75 0.00	61.84 -3.60 0.00	47.37 -2.65 0.00	70.18 -4.32 0.00	58.43 -3.70 0.00	50.95 -3.13 0.00	59.37 -3.41 0.00	112.83 -9.63 6.90	129.22 -10.21 0.00	124.58 -9.86 0.00	125.16 -9.02 0.00	117.62 -8.64 0.00	113.77 -8.68 0.00	120.32 -8.66 0.00	134.71 -9.77 0.00	240.34 -13.34 0.00	134.59 -8.46 0.00	128.62 -8.09 0.00	135.81 -11.53 0.00	134.88 -10.16 0.00	150.28 -9.68 0.00
NEG_PENN_ALLEGHNY 23528	73.21 -0.63 -3.21	51.80 -0.66 -0.32	46.91 -0.66 0.00	46.73 -0.61 0.00	64.62 -0.82 0.00	52.19 -0.52 -2.69	79.15 -0.71 -5.36	64.79 -0.51 -3.16	53.83 -0.24 0.00	62.49 -0.29 0.00	125.06 -1.50 2.80	138.10 -1.32 0.00	133.05 -1.39 0.00	132.98 -1.20 0.00	125.19 -1.08 0.00	121.37 -1.08 0.00	128.41 -0.57 0.00	144.10 -0.38 0.00	253.45 -0.23 0.00	143.12 0.06 0.00	136.45 -0.26 0.00	146.03 -1.32 0.00	143.86 -1.19 0.00	158.75 -1.21 0.00
NEG___GEN_MONROE 24207	67.68 -4.09 -1.14	49.09 -3.06 0.00	44.69 -2.88 0.00	44.53 -2.80 0.00	61.72 -3.73 0.00	47.32 -2.71 0.00	70.43 -4.06 0.00	58.75 -3.38 0.00	51.28 -2.78 0.00	59.74 -3.04 0.00	117.06 -8.91 3.40	129.49 -9.94 0.00	124.74 -9.69 0.00	125.06 -9.13 0.00	117.69 -8.57 0.00	114.08 -8.38 0.00	120.96 -8.02 0.00	135.90 -8.58 0.00	242.30 -11.38 0.00	135.60 -7.45 0.00	129.31 -7.40 0.00	137.06 -10.29 0.00	135.24 -9.80 0.00	150.08 -9.88 0.00

NEPA__ENERGY 23901	67.01 -5.37 -1.76	48.05 -4.27 -0.17	43.47 -4.09 0.00	43.36 -3.96 0.00	60.20 -5.24 0.00	47.65 -3.80 -1.43	71.42 -5.93 -2.85	58.84 -4.98 -1.68	50.04 -4.03 0.00	58.18 -4.60 0.00	109.83 -12.53 7.00	126.40 -13.03 0.00	121.64 -12.79 0.00	122.34 -11.84 0.00	115.05 -11.22 0.00	111.06 -11.40 0.00	118.01 -10.97 0.00	132.35 -12.13 0.00	234.60 -19.08 0.00	132.17 -10.88 0.00	125.98 -10.72 0.00	133.25 -14.10 0.00	132.01 -13.03 0.00	146.59 -13.38 0.00
NEVERSink__HYD 23608	82.29 3.83 -7.84	55.55 2.69 -0.72	49.93 2.36 0.00	49.67 2.35 0.00	68.69 3.24 0.00	58.78 2.66 -6.09	90.67 4.01 -12.16	72.70 3.40 -7.17	57.25 3.17 0.00	66.42 3.64 0.00	137.39 8.02 0.00	148.18 8.75 0.00	143.03 8.60 0.00	142.35 8.17 0.00	134.09 7.83 0.00	130.34 7.88 0.00	137.41 8.43 0.00	154.52 10.04 0.00	271.11 17.43 0.00	153.27 10.22 0.00	146.45 9.74 0.00	157.46 10.11 0.00	154.65 9.61 0.00	169.85 9.88 0.00
NEWKRMKL_115KV_TB1 55635	99.96 3.36 -25.97	58.95 2.42 -4.38	49.71 2.14 0.00	49.45 2.12 0.00	68.36 2.91 0.00	89.48 2.22 -37.23	151.94 3.13 -74.32	108.34 2.41 -43.80	56.12 2.05 0.00	65.24 2.46 0.00	134.55 5.19 0.00	145.03 5.60 0.00	139.93 5.50 0.00	139.64 5.46 0.00	131.38 5.12 0.00	126.84 4.38 0.00	133.00 4.02 0.00	149.31 4.83 0.00	261.92 8.24 0.00	147.72 4.67 0.00	141.22 4.51 0.00	152.14 4.80 0.00	149.95 4.90 0.00	166.43 6.46 0.00
NEWTON__FALLS_HYD 23847	69.92 -0.71 0.00	51.49 -0.65 0.00	46.97 -0.60 0.00	46.63 -0.70 0.00	64.52 -0.93 0.00	49.45 -0.57 0.00	73.85 -0.65 0.00	61.77 -0.37 0.00	52.64 -0.37 1.07	62.54 -0.24 0.00	111.02 -0.48 17.86	121.90 -1.28 16.23	100.93 -1.56 31.94	115.87 -1.18 17.14	107.58 -1.68 17.00	94.08 -2.37 26.00	127.50 -1.47 0.00	134.34 -2.31 7.83	245.23 -3.07 5.38	130.57 -1.24 11.24	134.62 -2.09 0.00	141.65 -2.32 3.37	142.99 -2.05 0.00	158.23 -1.73 0.00
NGRID_A1_DSASP 323792	63.48 -8.54 -1.38	45.85 -6.30 0.00	41.61 -5.96 0.00	41.45 -5.87 0.00	57.57 -7.88 0.00	44.05 -5.98 0.00	65.31 -9.19 0.00	54.25 -7.88 0.00	47.36 -6.71 0.00	55.27 -7.51 0.00	104.82 -18.84 5.69	118.38 -21.05 0.00	114.13 -20.31 0.00	114.78 -19.40 0.00	107.84 -18.42 0.00	104.45 -18.00 0.00	110.88 -18.10 0.00	123.83 -20.65 0.00	222.28 -31.40 0.00	123.93 -19.12 0.00	118.48 -18.23 0.00	124.78 -22.56 0.00	123.91 -21.13 0.00	138.58 -21.38 0.00
NGRID_A2_DSASP 323793	63.48 -8.54 -1.38	45.85 -6.30 0.00	41.61 -5.96 0.00	41.45 -5.87 0.00	57.57 -7.88 0.00	44.05 -5.98 0.00	65.31 -9.19 0.00	54.25 -7.88 0.00	47.36 -6.71 0.00	55.27 -7.51 0.00	104.82 -18.84 5.69	118.38 -21.05 0.00	114.13 -20.31 0.00	114.78 -19.40 0.00	107.84 -18.42 0.00	104.45 -18.00 0.00	110.88 -18.10 0.00	123.83 -20.65 0.00	222.28 -31.40 0.00	123.93 -19.12 0.00	118.48 -18.23 0.00	124.78 -22.56 0.00	123.91 -21.13 0.00	138.58 -21.38 0.00
NGRID_A4_DSASP 323807	63.48 -8.54 -1.38	45.85 -6.30 0.00	41.61 -5.96 0.00	41.45 -5.87 0.00	57.57 -7.88 0.00	44.05 -5.98 0.00	65.31 -9.19 0.00	54.25 -7.88 0.00	47.36 -6.71 0.00	55.27 -7.51 0.00	104.82 -18.84 5.69	118.38 -21.05 0.00	114.13 -20.31 0.00	114.78 -19.40 0.00	107.84 -18.42 0.00	104.45 -18.00 0.00	110.88 -18.10 0.00	123.83 -20.65 0.00	222.28 -31.40 0.00	123.93 -19.12 0.00	118.48 -18.23 0.00	124.78 -22.56 0.00	123.91 -21.13 0.00	138.58 -21.38 0.00
NIAGARA_115E_LBMP 323715	63.66 -8.36 -1.39	46.07 -6.08 0.00	41.80 -5.77 0.00	41.66 -5.67 0.00	57.85 -7.60 0.00	44.30 -5.73 0.00	65.68 -8.82 0.00	54.32 -7.82 0.00	47.39 -6.68 0.00	55.27 -7.51 0.00	105.25 -18.56 5.55	118.40 -21.02 0.00	114.13 -20.31 0.00	114.82 -19.36 0.00	108.02 -18.24 0.00	104.64 -17.82 0.00	110.97 -18.00 0.00	123.90 -20.58 0.00	222.40 -31.28 0.00	123.98 -19.07 0.00	118.62 -18.09 0.00	124.91 -22.43 0.00	124.17 -20.88 0.00	138.81 -21.15 0.00
NIAGARA_115W_LBMP 323714	63.37 -8.64 -1.38	45.77 -6.38 0.00	41.53 -6.04 0.00	41.38 -5.95 0.00	57.48 -7.96 0.00	43.98 -6.04 0.00	65.21 -9.29 0.00	54.15 -7.99 0.00	47.27 -6.80 0.00	55.16 -7.62 0.00	104.68 -19.01 5.68	118.18 -21.24 0.00	113.89 -20.54 0.00	114.57 -19.61 0.00	107.65 -18.61 0.00	104.25 -18.21 0.00	110.68 -18.29 0.00	123.61 -20.87 0.00	221.82 -31.86 0.00	123.65 -19.40 0.00	118.28 -18.43 0.00	124.57 -22.78 0.00	123.70 -21.34 0.00	138.33 -21.63 0.00
NIAGARA_230_LBMP 323716	64.14 -7.85 -1.36	46.32 -5.83 0.00	42.05 -5.52 0.00	41.88 -5.45 0.00	58.16 -7.29 0.00	44.53 -5.50 0.00	65.99 -8.50 0.00	54.83 -7.31 0.00	47.84 -6.23 0.00	55.81 -6.97 0.00	106.04 -17.79 5.54	119.95 -19.48 0.00	115.60 -18.83 0.00	116.20 -17.98 0.00	109.13 -17.13 0.00	105.71 -16.75 0.00	112.16 -16.81 0.00	125.34 -19.14 0.00	224.78 -28.90 0.00	125.35 -17.70 0.00	119.85 -16.85 0.00	126.34 -21.01 0.00	125.44 -19.60 0.00	140.18 -19.78 0.00
NIAGARA__115KV_198_GIBSON 55903	63.32 -8.69 -1.38	45.77 -6.38 0.00	41.52 -6.04 0.00	41.37 -5.96 0.00	57.49 -7.96 0.00	43.98 -6.05 0.00	65.16 -9.33 0.00	54.14 -8.00 0.00	47.26 -6.81 0.00	55.15 -7.62 0.00	104.71 -18.97 5.68	118.19 -21.23 0.00	113.90 -20.54 0.00	114.58 -19.60 0.00	107.66 -18.60 0.00	104.34 -18.12 0.00	110.59 -18.39 0.00	123.63 -20.85 0.00	221.72 -31.96 0.00	123.69 -19.36 0.00	118.27 -18.44 0.00	124.52 -22.83 0.00	123.66 -21.38 0.00	138.32 -21.65 0.00
NIAGARA____ 23760	64.16 -7.85 -1.38	46.32 -5.83 0.00	42.05 -5.52 0.00	41.88 -5.45 0.00	58.16 -7.29 0.00	44.53 -5.50 0.00	65.99 -8.50 0.00	54.83 -7.31 0.00	47.84 -6.23 0.00	55.81 -6.97 0.00	106.02 -17.79 5.55	119.95 -19.48 0.00	115.60 -18.83 0.00	116.20 -17.98 0.00	109.13 -17.13 0.00	105.71 -16.75 0.00	112.16 -16.81 0.00	125.34 -19.14 0.00	224.78 -28.90 0.00	125.35 -17.70 0.00	119.85 -16.85 0.00	126.34 -21.01 0.00	125.44 -19.60 0.00	140.18 -19.78 0.00
NINE_MILE_1 23575	67.50 -3.12 0.00	49.81 -2.34 0.00	45.55 -2.02 0.00	45.33 -2.00 0.00	62.50 -2.95 0.00	47.81 -2.21 0.00	71.17 -3.33 0.00	59.36 -2.78 0.00	51.73 -2.34 0.00	60.09 -2.69 0.00	123.31 -6.05 0.00	132.88 -6.54 0.00	128.05 -6.38 0.00	127.94 -6.24 0.00	120.46 -5.81 0.00	116.78 -5.69 0.00	123.24 -5.74 0.00	138.25 -6.24 0.00	243.44 -10.24 0.00	137.14 -5.91 0.00	130.91 -5.80 0.00	140.46 -6.89 0.00	138.24 -6.80 0.00	152.58 -7.38 0.00
NINE_MILE_2 23744	67.51 -3.12 0.00	49.82 -2.33 0.00	45.55 -2.01 0.00	45.33 -2.00 0.00	62.51 -2.93 0.00	47.81 -2.21 0.00	71.17 -3.32 0.00	59.38 -2.76 0.00	51.73 -2.34 0.00	60.09 -2.69 0.00	123.33 -6.03 0.00	132.88 -6.54 0.00	128.05 -6.38 0.00	127.94 -6.24 0.00	120.47 -5.80 0.00	116.79 -5.67 0.00	123.25 -5.73 0.00	138.25 -6.24 0.00	243.44 -10.24 0.00	137.15 -5.90 0.00	130.91 -5.80 0.00	140.47 -6.87 0.00	138.25 -6.79 0.00	152.58 -7.38 0.00
NM_CAPITAL__DRP 24208	99.70 3.45 -25.63	58.95 2.49 -4.31	49.77 2.20 0.00	49.51 2.18 0.00	68.44 2.99 0.00	88.92 2.28 -36.62	150.77 3.18 -73.09	107.67 2.47 -43.07	56.16 2.09 0.00	65.27 2.49 0.00	134.67 5.31 0.00	145.19 5.76 0.00	140.09 5.66 0.00	139.77 5.59 0.00	131.56 5.30 0.00	127.16 4.70 0.00	133.25 4.27 0.00	149.61 5.13 0.00	262.43 8.75 0.00	147.99 4.94 0.00	141.52 4.81 0.00	152.50 5.15 0.00	150.25 5.21 0.00	166.67 6.71 0.00

NM_CENTRAL___DRP 24181	68.71 -1.92 0.00	50.66 -1.49 0.00	46.29 -1.28 0.00	46.09 -1.24 0.00	63.58 -1.86 0.00	48.68 -1.35 0.00	72.53 -1.97 0.00	60.56 -1.58 0.00	52.81 -1.26 0.00	61.40 -1.38 0.00	125.88 -3.49 0.00	135.60 -3.82 0.00	130.53 -3.91 0.00	130.54 -3.64 0.00	122.88 -3.38 0.00	119.11 -3.35 0.00	125.85 -3.13 0.00	141.29 -3.19 0.00	249.09 -4.58 0.00	140.29 -2.76 0.00	133.77 -2.94 0.00	143.22 -4.12 0.00	140.88 -4.17 0.00	155.42 -4.54 0.00
NM_FRONTIER___DRP 24179	63.32 -8.69 -1.38	45.77 -6.38 0.00	41.52 -6.04 0.00	41.37 -5.96 0.00	57.49 -7.96 0.00	43.98 -6.05 0.00	65.16 -9.33 0.00	54.14 -8.00 0.00	47.26 -6.81 0.00	55.15 -7.62 0.00	104.71 -18.97 5.68	118.19 -21.23 0.00	113.90 -20.54 0.00	114.58 -19.60 0.00	107.66 -18.60 0.00	104.34 -18.12 0.00	110.59 -18.39 0.00	123.63 -20.85 0.00	221.72 -31.96 0.00	123.69 -19.36 0.00	118.27 -18.44 0.00	124.52 -22.83 0.00	123.66 -21.38 0.00	138.32 -21.65 0.00
NM_ST_REGIS___HYD 24053	70.14 -0.49 0.00	51.64 -0.51 0.00	47.03 -0.54 0.00	46.75 -0.58 0.00	64.76 -0.68 0.00	50.73 -0.50 -1.20	76.41 -0.54 -2.45	64.01 -0.27 -2.14	53.63 -0.40 0.04	64.43 -0.50 -2.15	102.37 -1.29 25.69	115.45 -1.76 22.21	85.03 -1.97 47.44	108.10 -2.44 23.64	100.32 -3.10 22.84	81.00 -3.16 38.29	129.50 -3.27 -3.80	132.20 -3.87 8.41	244.84 -7.07 1.77	125.34 -3.77 13.94	137.08 -3.61 -3.98	142.03 -2.78 2.55	142.81 -2.24 0.00	158.38 -1.58 0.00
NORTHPORT___1 23551	84.73 6.01 -8.09	56.95 4.13 -0.67	51.18 3.61 0.00	50.92 3.59 0.00	70.44 5.00 0.00	59.61 3.86 -5.72	91.25 5.33 -11.42	73.28 4.42 -6.73	57.96 3.89 0.00	67.31 4.53 0.00	139.59 10.23 0.00	150.60 11.17 0.00	145.87 11.44 0.00	144.89 10.71 0.00	137.17 10.91 0.00	143.62 11.15 -10.02	149.85 11.54 -9.33	156.28 12.72 0.93	271.82 18.94 0.80	152.64 12.31 2.72	167.05 12.34 -17.99	157.01 12.75 3.09	158.27 12.59 -0.63	170.94 10.98 0.00
NORTHPORT___2 23552	84.73 6.01 -8.09	56.95 4.13 -0.67	51.18 3.61 0.00	50.92 3.59 0.00	70.44 5.00 0.00	59.61 3.86 -5.72	91.25 5.33 -11.42	73.28 4.42 -6.73	57.96 3.89 0.00	67.31 4.53 0.00	139.59 10.23 0.00	150.60 11.17 0.00	145.87 11.44 0.00	144.89 10.71 0.00	137.17 10.91 0.00	143.62 11.15 -10.02	149.85 11.54 -9.33	156.28 12.72 0.93	271.82 18.94 0.80	152.64 12.31 2.72	167.05 12.34 -17.99	157.01 12.75 3.09	158.27 12.59 -0.63	170.94 10.98 0.00
NORTHPORT___3 23553	84.11 5.38 -8.09	56.52 3.70 -0.67	50.81 3.24 0.00	50.51 3.18 0.00	69.88 4.43 0.00	59.19 3.44 -5.72	90.67 4.75 -11.42	72.80 3.93 -6.73	57.53 3.46 0.00	66.79 4.02 0.00	138.88 9.52 0.00	149.73 10.30 0.00	145.05 10.61 0.00	144.16 9.98 0.00	136.34 10.08 0.00	142.84 10.36 -10.02	148.97 10.66 -9.33	155.51 11.75 0.73	269.93 16.88 0.62	150.68 11.45 3.82	166.13 11.54 -17.88	154.97 12.15 4.53	154.43 11.84 2.45	169.78 9.82 0.00
NORTHPORT___4 23650	84.11 5.38 -8.09	56.52 3.70 -0.67	50.81 3.24 0.00	50.51 3.18 0.00	69.88 4.43 0.00	59.19 3.44 -5.72	90.67 4.75 -11.42	72.80 3.93 -6.73	57.53 3.46 0.00	66.79 4.02 0.00	138.88 9.52 0.00	149.73 10.30 0.00	145.05 10.61 0.00	144.16 9.98 0.00	136.34 10.08 0.00	142.84 10.36 -10.02	148.97 10.66 -9.33	155.51 11.75 0.73	269.93 16.88 0.62	150.68 11.45 3.82	166.13 11.54 -17.88	154.97 12.15 4.53	154.43 11.84 2.45	169.78 9.82 0.00
NORTHPORT___IC 23718	84.73 6.01 -8.09	56.95 4.13 -0.67	51.19 3.61 0.00	50.92 3.59 0.00	70.44 5.00 0.00	59.62 3.87 -5.72	91.25 5.33 -11.42	73.28 4.42 -6.73	57.96 3.89 0.00	67.31 4.53 0.00	139.57 10.20 0.00	150.59 11.16 0.00	145.88 11.44 0.00	144.89 10.71 0.00	137.15 10.88 0.00	143.63 11.15 -10.02	149.86 11.55 -9.33	156.29 12.74 0.93	271.82 18.93 0.79	152.67 12.34 2.72	167.07 12.37 -17.99	157.04 12.78 3.09	158.28 12.61 -0.63	170.95 10.99 0.00
NORTH___COUNTRY_ESR 323785	68.74 -1.89 0.00	50.34 -1.81 0.00	45.78 -1.80 0.00	45.58 -1.75 0.00	63.10 -2.34 0.00	52.11 -1.87 -3.95	79.88 -2.65 -8.03	67.08 -2.09 -7.04	55.43 -2.00 -3.35	67.51 -2.33 -7.06	98.59 -4.66 26.11	114.25 -5.20 19.97	77.68 -5.19 51.57	107.03 -5.43 21.73	100.14 -5.27 20.85	76.67 -4.87 40.92	136.34 -5.10 -12.46	136.41 -5.98 2.09	254.80 -10.62 -11.74	127.76 -6.18 9.11	144.01 -5.76 -13.07	144.76 -5.22 -2.64	140.10 -4.95 0.00	155.03 -4.93 0.00
NPX_GEN_1385_PROXY 323591	168.69 7.60 -90.46	127.00 5.29 -69.56	131.92 4.67 -79.67	126.56 4.65 -74.58	162.02 6.47 -90.10	125.05 4.98 -70.04	92.45 6.53 -11.42	74.58 5.72 -6.73	59.08 5.01 0.00	116.24 5.82 -47.64	139.14 9.78 0.00	150.48 11.06 0.00	146.15 11.71 0.00	145.02 10.84 0.00	137.62 11.36 0.00	144.54 12.06 -10.02	150.30 11.99 -9.33	156.29 12.74 0.93	272.22 19.34 0.80	153.06 12.73 2.72	166.78 12.08 -17.99	156.33 12.07 3.09	158.19 12.52 -0.63	170.80 10.84 0.00
NPX_GEN_CSC 323557	85.46 6.73 -8.09	57.46 4.64 -0.67	51.66 4.09 0.00	51.40 4.07 0.00	71.14 5.70 0.00	60.25 4.50 -5.72	92.36 6.44 -11.42	74.32 5.45 -6.73	58.81 4.74 0.00	68.24 5.46 0.00	141.28 11.92 0.00	152.42 12.99 0.00	147.11 12.67 0.00	145.38 11.20 0.00	137.40 11.14 0.00	144.06 11.59 -10.02	151.18 12.87 -9.33	174.54 15.07 -14.99	288.73 22.75 -12.30	259.82 14.77 -102.00	204.54 14.56 -53.27	264.90 15.19 -102.36	221.27 14.83 -61.40	173.18 13.22 0.00
NSINS_S___GLNS_FALLS 23858	116.82 6.73 -39.46	64.27 4.80 -7.33	51.87 4.30 0.00	51.68 4.35 0.00	71.47 6.03 0.00	117.11 4.77 -62.31	206.09 7.20 -124.38	141.46 6.03 -73.30	59.38 5.31 0.00	68.87 6.09 0.00	141.99 12.62 0.00	152.94 13.51 0.00	147.20 12.76 0.00	147.15 12.97 0.00	138.25 11.99 0.00	134.41 11.95 0.00	141.72 12.74 0.00	159.54 15.06 0.00	279.95 26.27 0.00	157.67 14.62 0.00	150.33 13.62 0.00	161.43 14.09 0.00	158.37 13.32 0.00	174.87 14.91 0.00
NUCOR_STEEL___DRP 24197	70.86 -0.89 -1.13	51.41 -0.74 0.00	46.97 -0.60 0.00	46.79 -0.54 0.00	64.51 -0.94 0.00	49.44 -0.59 0.00	73.39 -1.10 0.00	61.26 -0.88 0.00	53.44 -0.64 0.00	62.05 -0.73 0.00	129.11 -2.56 -2.31	136.41 -3.01 0.00	131.31 -3.12 0.00	131.18 -3.00 0.00	123.57 -2.70 0.00	119.90 -2.56 0.00	127.49 -1.49 0.00	142.89 -1.59 0.00	253.15 -0.53 0.00	142.54 -0.51 0.00	135.35 -1.35 0.00	144.80 -2.55 0.00	142.38 -2.66 0.00	157.09 -2.88 0.00
NUMBER_THREE_WT_PWR 323818	70.05 -0.58 0.00	51.53 -0.62 0.00	47.02 -0.55 0.00	46.60 -0.73 0.00	64.50 -0.95 0.00	49.52 -0.51 0.00	73.93 -0.57 0.00	61.83 -0.30 0.00	53.52 -0.14 0.41	63.17 0.40 0.00	123.98 1.53 6.91	133.63 0.48 6.28	122.37 0.29 12.35	129.30 1.75 6.63	121.88 1.63 6.01	112.39 -0.01 10.06	131.05 2.07 0.00	141.82 0.36 3.03	254.65 3.05 2.08	141.10 2.40 4.35	137.03 0.32 0.00	145.09 -0.95 1.30	144.06 -0.98 0.00	158.93 -1.04 0.00
NYISO_LBMP_REFERENCE 24008	70.63 0.00 0.00	52.15 0.00 0.00	47.57 0.00 0.00	47.33 0.00 0.00	65.45 0.00 0.00	50.03 0.00 0.00	74.50 0.00 0.00	62.13 0.00 0.00	54.07 0.00 0.00	62.78 0.00 0.00	129.36 0.00 0.00	139.42 0.00 0.00	134.44 0.00 0.00	134.18 0.00 0.00	126.26 0.00 0.00	122.46 0.00 0.00	128.98 0.00 0.00	144.48 0.00 0.00	253.68 0.00 0.00	143.05 0.00 0.00	136.71 0.00 0.00	147.35 0.00 0.00	145.04 0.00 0.00	159.96 0.00 0.00

NYPA_BRENTWD____GT 24164	85.29 6.57 -8.09	57.33 4.51 -0.67	51.54 3.97 0.00	51.28 3.95 0.00	70.94 5.50 0.00	60.07 4.32 -5.72	92.03 6.11 -11.42	74.00 5.14 -6.73	58.59 4.52 0.00	67.94 5.17 0.00	140.92 11.56 0.00	151.97 12.55 0.00	147.15 12.71 0.00	146.12 11.94 0.00	138.25 11.98 0.00	144.77 12.30 -10.02	151.40 13.09 -9.33	160.88 14.85 -1.54	278.02 23.10 -1.24	168.94 14.43 -11.47	173.95 14.25 -22.99	172.84 14.59 -10.91	166.21 14.39 -6.77	173.19 13.23 0.00
NYPA_GOWANUS____GT5 24156	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.05 0.00	144.53 10.68 -7.60	174.99 10.15 -42.38	372.79 10.53 -233.28	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
NYPA_GOWANUS____GT6 24157	99.30 5.25 -23.43	99.12 3.69 -43.27	100.00 3.23 -49.20	100.61 3.19 -50.09	99.65 4.36 -29.84	99.39 3.44 -45.92	101.42 4.92 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.39 -34.72	206.02 10.48 -66.17	229.38 11.41 -78.55	160.66 11.47 -14.76	145.23 11.05 0.00	144.53 10.68 -7.60	174.99 10.15 -42.38	372.79 10.53 -233.28	864.88 11.78 -708.63	622.54 19.97 -348.88	732.29 12.12 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.97 12.48 -232.45	225.94 12.80 -53.18
NYPA_HARLEM__RVR__GT1 24160	83.48 4.75 -8.09	56.05 3.22 -0.67	50.34 2.77 0.00	50.05 2.72 0.00	69.20 3.76 0.00	58.68 2.93 -5.72	90.12 4.20 -11.42	72.44 3.58 -6.73	57.50 3.43 0.00	66.59 3.81 0.00	138.94 9.58 0.00	149.56 10.14 0.00	144.95 10.51 0.00	144.14 9.96 0.00	136.00 9.74 0.00	131.85 9.39 0.00	138.57 9.59 0.00	155.24 10.76 0.00	271.82 18.14 0.00	154.06 11.01 0.00	147.24 10.53 0.00	158.80 11.45 0.00	156.27 11.22 0.00	171.63 11.66 0.00
NYPA_HARLEM__RVR__GT2 24161	83.48 4.75 -8.09	56.05 3.22 -0.67	50.34 2.77 0.00	50.05 2.72 0.00	69.20 3.76 0.00	58.68 2.93 -5.72	90.12 4.20 -11.42	72.44 3.58 -6.73	57.50 3.43 0.00	66.59 3.81 0.00	138.94 9.58 0.00	149.56 10.14 0.00	144.95 10.51 0.00	144.14 9.96 0.00	136.00 9.74 0.00	131.85 9.39 0.00	138.57 9.59 0.00	155.24 10.76 0.00	271.82 18.14 0.00	154.06 11.01 0.00	147.24 10.53 0.00	158.80 11.45 0.00	156.27 11.22 0.00	171.63 11.66 0.00
NYPA_KENT____GT 24152	93.00 5.02 -17.35	82.06 3.52 -26.39	80.34 3.07 -29.70	80.59 3.03 -30.23	87.60 4.14 -18.01	83.28 3.26 -29.99	97.00 4.69 -17.81	90.58 3.99 -24.45	83.83 3.77 -26.00	87.96 4.22 -20.96	179.60 10.29 -39.95	182.02 11.18 -31.41	146.65 11.31 -0.91	145.05 10.86 0.00	141.35 10.50 -4.59	133.98 9.96 -1.56	261.40 10.26 -122.16	583.73 11.50 -427.75	483.51 19.24 -210.60	503.12 11.71 -348.37	889.30 11.29 -741.29	639.02 12.26 -479.41	297.40 12.04 -140.32	204.56 12.50 -32.10
NYPA_POUCH1____GT 24155	99.15 5.10 -23.43	99.07 3.64 -43.27	99.99 3.22 -49.20	100.60 3.18 -50.09	99.58 4.29 -29.84	99.36 3.41 -45.92	101.33 4.83 -22.01	102.36 4.13 -36.09	100.98 3.84 -43.07	101.69 4.19 -34.72	204.99 9.86 -65.77	198.80 10.68 -48.69	145.05 10.79 0.18	144.51 10.34 0.01	143.87 10.02 -7.59	129.55 9.52 2.44	337.42 9.95 -198.49	864.27 11.16 -708.63	621.81 19.25 -348.88	731.95 11.78 -577.12	1375.98 11.21 -1228.06	953.86 12.31 -794.21	389.64 12.14 -232.45	225.43 12.29 -53.18
NYPA_VERNON____GT2 24162	86.80 4.89 -11.27	65.04 3.38 -9.50	60.71 2.95 -10.20	60.62 2.91 -10.38	75.63 4.00 -6.18	67.22 3.14 -14.06	92.64 4.53 -13.62	78.80 3.85 -12.82	66.64 3.64 -8.93	74.07 4.10 -7.20	153.20 10.12 -13.72	161.38 11.00 -10.95	145.95 11.12 -0.40	144.85 10.67 0.00	138.19 10.35 -1.58	133.11 9.86 -0.79	181.27 10.15 -42.14	302.73 11.38 -146.87	344.85 18.86 -72.31	274.10 11.44 -119.62	402.35 11.11 -254.53	324.01 12.06 -164.61	205.00 11.78 -48.18	183.15 12.16 -11.02
NYPA_VERNON____GT3 24163	86.80 4.89 -11.27	65.04 3.38 -9.50	60.71 2.95 -10.20	60.62 2.91 -10.38	75.63 4.00 -6.18	67.22 3.14 -14.06	92.64 4.53 -13.62	78.80 3.85 -12.82	66.64 3.64 -8.93	74.07 4.10 -7.20	153.20 10.12 -13.72	161.38 11.00 -10.95	145.95 11.12 -0.40	144.85 10.67 0.00	138.19 10.35 -1.58	133.11 9.86 -0.79	181.27 10.15 -42.14	302.73 11.38 -146.87	344.85 18.86 -72.31	274.10 11.44 -119.62	402.35 11.11 -254.53	324.01 12.06 -164.61	205.00 11.78 -48.18	183.15 12.16 -11.02
NYPA__ASTORIA_CC1 323568	83.50 4.78 -8.10	56.12 3.30 -0.67	50.43 2.86 0.00	50.16 2.82 0.00	69.33 3.89 0.00	58.80 3.04 -5.72	90.31 4.39 -11.42	72.60 3.73 -6.73	57.60 3.53 0.00	66.75 3.97 0.00	139.30 9.93 0.00	150.25 10.83 0.00	145.39 10.95 0.00	144.69 10.51 0.00	136.45 10.19 0.00	132.13 9.67 0.00	138.93 9.95 0.00	155.62 11.15 0.00	272.02 18.34 0.00	154.27 11.22 0.00	147.65 10.94 0.00	159.23 11.88 0.00	156.63 11.58 0.00	171.94 11.98 0.00
NYPA__ASTORIA_CC2 323569	83.50 4.78 -8.10	56.12 3.30 -0.67	50.43 2.86 0.00	50.16 2.82 0.00	69.33 3.89 0.00	58.80 3.04 -5.72	90.31 4.39 -11.42	72.60 3.73 -6.73	57.60 3.53 0.00	66.75 3.97 0.00	139.30 9.93 0.00	150.25 10.83 0.00	145.39 10.95 0.00	144.69 10.51 0.00	136.45 10.19 0.00	132.13 9.67 0.00	138.93 9.95 0.00	155.62 11.15 0.00	272.02 18.34 0.00	154.27 11.22 0.00	147.65 10.94 0.00	159.23 11.88 0.00	156.63 11.58 0.00	171.94 11.98 0.00
NYPA__HOLTSVILL 23794	84.85 6.12 -8.09	57.02 4.20 -0.67	51.27 3.70 0.00	50.99 3.66 0.00	70.56 5.12 0.00	59.78 4.03 -5.72	91.63 5.71 -11.42	73.67 4.80 -6.73	58.28 4.21 0.00	67.76 4.98 0.00	140.42 11.06 0.00	151.50 12.08 0.00	146.42 11.98 0.00	145.11 10.93 0.00	137.23 10.97 0.00	143.82 11.34 -10.02	150.58 12.27 -9.33	173.53 14.05 -15.00	287.34 21.36 -12.30	258.79 13.71 -102.03	203.64 13.66 -53.28	264.00 14.26 -102.39	220.36 13.89 -61.42	172.17 12.21 0.00
NYPA__HELLGATE_GT1 24158	83.34 4.62 -8.09	56.05 3.22 -0.67	50.34 2.77 0.00	50.05 2.72 0.00	69.20 3.76 0.00	58.68 2.93 -5.72	90.13 4.21 -11.42	72.48 3.62 -6.73	57.50 3.43 0.00	66.59 3.81 0.00	138.94 9.58 0.00	149.56 10.14 0.00	144.95 10.51 0.00	144.14 9.96 0.00	136.00 9.74 0.00	131.85 9.39 0.00	138.57 9.59 0.00	155.24 10.76 0.00	271.82 18.14 0.00	154.06 11.01 0.00	147.24 10.53 0.00	158.80 11.45 0.00	156.27 11.22 0.00	171.65 11.69 0.00
NYPA__HELLGATE_GT2 24159	83.34 4.62 -8.09	56.05 3.22 -0.67	50.34 2.77 0.00	50.05 2.72 0.00	69.20 3.76 0.00	58.68 2.93 -5.72	90.13 4.21 -11.42	72.48 3.62 -6.73	57.50 3.43 0.00	66.59 3.81 0.00	138.94 9.58 0.00	149.56 10.14 0.00	144.95 10.51 0.00	144.14 9.96 0.00	136.00 9.74 0.00	131.85 9.39 0.00	138.57 9.59 0.00	155.24 10.76 0.00	271.82 18.14 0.00	154.06 11.01 0.00	147.24 10.53 0.00	158.80 11.45 0.00	156.27 11.22 0.00	171.65 11.69 0.00
NYS_BARGE__HYD 23848	64.62 -7.36 -1.36	46.75 -5.40 0.00	42.41 -5.16 0.00	42.27 -5.06 0.00	58.70 -6.75 0.00	44.99 -5.04 0.00	66.72 -7.78 0.00	55.34 -6.79 0.00	48.31 -5.76 0.00	56.36 -6.42 0.00	107.49 -16.50 5.37	120.99 -18.43 0.00	116.64 -17.80 0.00	117.28 -16.90 0.00	110.26 -16.01 0.00	106.82 -15.63 0.00	113.38 -15.60 0.00	126.76 -17.72 0.00	227.43 -26.25 0.00	126.81 -16.24 0.00	121.21 -15.49 0.00	127.66 -19.68 0.00	126.75 -18.30 0.00	141.45 -18.51 0.00

OAK ORCHARD___HYD 24046	67.39 -4.37 -1.13	48.88 -3.27 0.00	44.52 -3.05 0.00	44.34 -2.99 0.00	61.41 -4.04 0.00	47.07 -2.96 0.00	70.04 -4.46 0.00	58.43 -3.71 0.00	50.97 -3.10 0.00	59.39 -3.39 0.00	116.70 -9.33 3.33	129.21 -10.21 0.00	124.51 -9.93 0.00	124.79 -9.39 0.00	117.30 -8.97 0.00	113.76 -8.70 0.00	120.53 -8.45 0.00	135.17 -9.31 0.00	240.69 -12.99 0.00	134.72 -8.33 0.00	128.54 -8.17 0.00	136.44 -10.91 0.00	134.63 -10.42 0.00	149.27 -10.69 0.00
OAKDALE___35_KV_LOAD 356122	73.11 -0.78 -3.27	51.72 -0.75 -0.33	46.82 -0.75 0.00	46.64 -0.69 0.00	64.48 -0.97 0.00	52.16 -0.66 -2.79	79.05 -1.01 -5.56	64.63 -0.78 -3.27	53.56 -0.51 0.00	62.18 -0.60 0.00	123.76 -2.06 3.54	137.41 -2.01 0.00	132.43 -2.00 0.00	132.39 -1.79 0.00	124.63 -1.63 0.00	120.76 -1.70 0.00	127.72 -1.26 0.00	143.34 -1.14 0.00	252.09 -1.58 0.00	142.32 -0.74 0.00	135.73 -0.98 0.00	145.35 -2.00 0.00	143.24 -1.80 0.00	157.99 -1.97 0.00
OCC_CHEM___DRP 24175	63.43 -8.59 -1.38	45.84 -6.31 0.00	41.60 -5.97 0.00	41.46 -5.87 0.00	57.57 -7.87 0.00	44.05 -5.97 0.00	65.28 -9.22 0.00	54.25 -7.89 0.00	47.36 -6.71 0.00	55.26 -7.52 0.00	104.88 -18.79 5.69	118.41 -21.01 0.00	114.12 -20.31 0.00	114.80 -19.38 0.00	107.86 -18.40 0.00	104.48 -17.97 0.00	110.83 -18.15 0.00	123.86 -20.62 0.00	222.17 -31.51 0.00	123.97 -19.09 0.00	118.47 -18.24 0.00	124.75 -22.60 0.00	123.88 -21.16 0.00	138.57 -21.39 0.00
OH_GEN_PROXY 24063	64.29 -7.71 -1.37	46.44 -5.71 0.00	42.14 -5.43 0.00	41.98 -5.35 0.00	58.29 -7.16 0.00	44.63 -5.40 0.00	66.15 -8.35 0.00	54.99 -7.14 0.00	47.98 -6.09 0.00	55.96 -6.82 0.00	106.55 -17.36 5.45	120.44 -18.99 0.00	116.08 -18.35 0.00	116.65 -17.53 0.00	109.57 -16.69 0.00	106.09 -16.37 0.00	112.62 -16.36 0.00	125.83 -18.65 0.00	225.60 -28.08 0.00	125.80 -17.25 0.00	120.27 -16.43 0.00	126.83 -20.51 0.00	125.92 -19.12 0.00	140.60 -19.36 0.00
OLIN_CORP_DRP 24177	63.73 -8.30 -1.40	46.14 -6.02 0.00	41.87 -5.70 0.00	41.71 -5.62 0.00	57.93 -7.51 0.00	44.35 -5.68 0.00	65.74 -8.76 0.00	54.43 -7.70 0.00	47.49 -6.58 0.00	55.40 -7.38 0.00	105.21 -18.50 5.65	118.76 -20.66 0.00	114.43 -20.01 0.00	115.14 -19.04 0.00	108.28 -17.98 0.00	104.90 -17.56 0.00	111.22 -17.76 0.00	124.27 -20.21 0.00	222.88 -30.80 0.00	124.36 -18.69 0.00	118.86 -17.85 0.00	125.18 -22.17 0.00	124.39 -20.66 0.00	139.11 -20.85 0.00
OLIN_CORP_DSASP 323712	63.48 -8.54 -1.38	45.85 -6.30 0.00	41.61 -5.96 0.00	41.45 -5.87 0.00	57.57 -7.88 0.00	44.05 -5.98 0.00	65.31 -9.19 0.00	54.25 -7.88 0.00	47.36 -6.71 0.00	55.27 -7.51 0.00	104.82 -18.84 5.69	118.38 -21.05 0.00	114.13 -20.31 0.00	114.78 -19.40 0.00	107.84 -18.42 0.00	104.45 -18.00 0.00	110.88 -18.10 0.00	123.83 -20.65 0.00	222.28 -31.40 0.00	123.93 -19.12 0.00	118.48 -18.23 0.00	124.78 -22.56 0.00	123.91 -21.13 0.00	138.58 -21.38 0.00
ONEIDA_HERK_LFGE 323681	71.73 1.10 0.00	52.87 0.72 0.00	48.24 0.67 0.00	47.94 0.61 0.00	66.33 0.88 0.00	50.84 0.82 0.00	75.88 1.38 0.00	63.41 1.28 0.00	55.20 1.25 0.12	64.52 1.74 0.00	131.16 3.81 2.01	141.24 3.65 1.83	134.22 3.39 3.60	136.35 4.10 1.93	128.41 3.86 1.70	122.60 3.07 2.93	133.17 4.20 0.00	147.56 3.97 0.88	261.09 8.01 0.61	146.51 4.72 1.27	140.28 3.57 0.00	149.97 3.00 0.38	147.83 2.78 0.00	162.88 2.91 0.00
ONEIDA___115KV_TB4 55905	72.06 1.43 0.00	53.18 1.03 0.00	48.58 1.02 0.00	48.37 1.05 0.00	66.94 1.49 0.00	51.29 1.26 0.00	76.59 2.10 0.00	64.00 1.86 0.00	55.83 1.76 0.00	64.97 2.20 0.00	133.67 4.30 0.00	143.94 4.52 0.00	138.67 4.24 0.00	138.71 4.53 0.00	130.56 4.29 0.00	126.45 3.99 0.00	133.57 4.59 0.00	149.37 4.89 0.00	262.77 9.09 0.00	148.12 5.07 0.00	141.09 4.39 0.00	151.25 3.90 0.00	148.58 3.54 0.00	163.68 3.72 0.00
ONONDAGA_REF_OCCRA 23987	70.37 -1.27 -1.01	51.12 -1.03 0.00	46.69 -0.88 0.00	46.49 -0.84 0.00	64.16 -1.29 0.00	49.13 -0.90 0.00	73.20 -1.30 0.00	61.13 -1.01 0.00	53.31 -0.76 0.00	61.95 -0.82 0.00	128.64 -2.35 -1.63	136.77 -2.65 0.00	131.67 -2.76 0.00	131.64 -2.54 0.00	123.92 -2.34 0.00	120.20 -2.26 0.00	127.05 -1.93 0.00	142.74 -1.74 0.00	251.67 -2.01 0.00	141.76 -1.29 0.00	135.17 -1.54 0.00	144.72 -2.62 0.00	142.32 -2.73 0.00	156.95 -3.01 0.00
ONONDAGA___COGEN 23986	70.39 -1.19 -0.95	51.21 -0.95 0.00	46.79 -0.78 0.00	46.58 -0.75 0.00	64.26 -1.19 0.00	49.21 -0.82 0.00	73.28 -1.22 0.00	61.19 -0.94 0.00	53.36 -0.71 0.00	62.02 -0.76 0.00	127.12 -2.25 0.00	136.90 -2.52 0.00	131.78 -2.65 0.00	131.73 -2.45 0.00	124.03 -2.23 0.00	120.29 -2.16 0.00	127.23 -1.74 0.00	142.89 -1.59 0.00	252.05 -1.63 0.00	141.92 -1.12 0.00	135.23 -1.47 0.00	144.81 -2.54 0.00	142.43 -2.61 0.00	157.07 -2.89 0.00
ONTARIO___LFGE 23819	70.05 -1.90 -1.32	50.58 -1.57 0.00	46.23 -1.33 0.00	46.10 -1.23 0.00	63.63 -1.82 0.00	48.81 -1.22 0.00	72.61 -1.89 0.00	60.79 -1.34 0.00	53.03 -1.04 0.00	61.63 -1.14 0.00	117.39 -5.18 6.79	133.99 -5.43 0.00	128.96 -5.48 0.00	128.83 -5.35 0.00	121.24 -5.02 0.00	117.87 -4.59 0.00	125.30 -3.68 0.00	141.03 -3.45 0.00	249.72 -3.96 0.00	140.43 -2.62 0.00	133.50 -3.20 0.00	142.31 -5.04 0.00	140.06 -4.99 0.00	154.52 -5.45 0.00
ORANGEVILLE_WT_PWR 323706	66.83 -5.62 -1.82	47.71 -4.62 -0.17	43.03 -4.53 0.00	42.95 -4.38 0.00	59.54 -5.91 0.00	47.11 -4.40 -1.48	70.50 -6.95 -2.96	58.12 -5.76 -1.74	49.21 -4.85 0.00	57.33 -5.45 0.00	104.52 -14.64 10.20	126.68 -12.74 0.00	122.39 -12.04 0.00	122.81 -11.37 0.00	115.52 -10.74 0.00	111.85 -10.61 0.00	118.81 -10.17 0.00	133.07 -11.41 0.00	237.14 -16.54 0.00	132.87 -10.18 0.00	126.38 -10.33 0.00	134.09 -13.26 0.00	132.82 -12.22 0.00	147.46 -12.51 0.00
ORANGEVILLE___ESR 323794	66.83 -5.62 -1.82	47.71 -4.62 -0.17	43.03 -4.53 0.00	42.95 -4.38 0.00	59.54 -5.91 0.00	47.11 -4.40 -1.48	70.50 -6.95 -2.96	58.12 -5.76 -1.74	49.21 -4.85 0.00	57.33 -5.45 0.00	104.52 -14.64 10.20	126.68 -12.74 0.00	122.39 -12.04 0.00	122.81 -11.37 0.00	115.52 -10.74 0.00	111.85 -10.61 0.00	118.81 -10.17 0.00	133.07 -11.41 0.00	237.14 -16.54 0.00	132.87 -10.18 0.00	126.38 -10.33 0.00	134.09 -13.26 0.00	132.82 -12.22 0.00	147.46 -12.51 0.00
OSWEGATCHIE___HYD 24044	69.92 -0.71 0.00	51.49 -0.66 0.00	46.97 -0.60 0.00	46.63 -0.70 0.00	64.52 -0.92 0.00	49.45 -0.58 0.00	73.85 -0.65 0.00	61.77 -0.36 0.00	52.64 -0.36 1.07	62.54 -0.24 0.00	111.02 -0.48 17.86	121.90 -1.29 16.23	100.93 -1.57 31.94	115.87 -1.18 17.14	107.58 -1.68 17.00	94.08 -2.37 26.00	127.50 -1.47 0.00	134.33 -2.32 7.83	245.23 -3.07 5.38	130.57 -1.24 11.24	134.62 -2.09 0.00	141.65 -2.32 3.37	143.00 -2.05 0.00	158.23 -1.73 0.00
OSWEGO___5 23606	68.01 -2.62 0.00	50.19 -1.96 0.00	45.85 -1.72 0.00	45.64 -1.68 0.00	62.98 -2.47 0.00	48.16 -1.86 0.00	71.72 -2.78 0.00	59.83 -2.31 0.00	52.13 -1.94 0.00	60.57 -2.21 0.00	124.27 -5.10 0.00	133.89 -5.53 0.00	128.99 -5.45 0.00	128.92 -5.26 0.00	121.35 -4.91 0.00	117.64 -4.82 0.00	124.21 -4.77 0.00	139.32 -5.16 0.00	245.43 -8.24 0.00	138.24 -4.81 0.00	131.92 -4.79 0.00	141.55 -5.79 0.00	139.32 -5.73 0.00	153.74 -6.22 0.00

OSWEGO___6 23613	68.01 -2.62 0.00	50.19 -1.96 0.00	45.85 -1.72 0.00	45.64 -1.68 0.00	62.98 -2.47 0.00	48.16 -1.86 0.00	71.72 -2.78 0.00	59.83 -2.31 0.00	52.13 -1.94 0.00	60.57 -2.21 0.00	124.27 -5.10 0.00	133.89 -5.53 0.00	128.99 -5.45 0.00	128.92 -5.26 0.00	121.35 -4.91 0.00	117.64 -4.82 0.00	124.21 -4.77 0.00	139.32 -5.16 0.00	245.43 -8.24 0.00	138.24 -4.81 0.00	131.92 -4.79 0.00	141.55 -5.79 0.00	139.32 -5.73 0.00	153.74 -6.22 0.00
OUTOKUMPU-AB___DRP 24206	65.19 -6.85 -1.41	47.08 -5.07 0.00	42.69 -4.88 0.00	42.55 -4.79 0.00	59.09 -6.35 0.00	45.29 -4.74 0.00	67.17 -7.33 0.00	55.86 -6.28 0.00	48.81 -5.26 0.00	56.96 -5.82 0.00	108.03 -15.44 5.90	122.51 -16.91 0.00	118.09 -16.35 0.00	118.82 -15.36 0.00	111.68 -14.58 0.00	108.13 -14.33 0.00	114.65 -14.33 0.00	128.27 -16.21 0.00	229.88 -23.80 0.00	128.39 -14.66 0.00	122.65 -14.06 0.00	129.19 -18.16 0.00	128.06 -16.98 0.00	142.77 -17.19 0.00
OXBOW___BTM 323836	64.21 -7.82 -1.40	46.36 -5.78 0.00	42.06 -5.51 0.00	41.90 -5.43 0.00	58.21 -7.24 0.00	44.57 -5.45 0.00	66.11 -8.38 0.00	54.94 -7.19 0.00	48.00 -6.07 0.00	56.02 -6.76 0.00	106.27 -17.29 5.80	120.23 -19.20 0.00	115.91 -18.53 0.00	116.61 -17.57 0.00	109.55 -16.71 0.00	106.08 -16.38 0.00	112.64 -16.34 0.00	125.85 -18.63 0.00	225.84 -27.84 0.00	125.93 -17.12 0.00	120.38 -16.32 0.00	126.78 -20.57 0.00	125.79 -19.25 0.00	140.38 -19.58 0.00
OXBOW____ 24026	64.16 -7.86 -1.40	46.36 -5.79 0.00	42.04 -5.53 0.00	41.90 -5.43 0.00	58.21 -7.24 0.00	44.57 -5.46 0.00	66.08 -8.41 0.00	54.94 -7.20 0.00	48.00 -6.07 0.00	56.02 -6.76 0.00	106.26 -17.30 5.80	120.26 -19.16 0.00	115.92 -18.52 0.00	116.61 -17.57 0.00	109.57 -16.69 0.00	106.14 -16.32 0.00	112.53 -16.45 0.00	125.89 -18.59 0.00	225.70 -27.98 0.00	125.98 -17.07 0.00	120.36 -16.35 0.00	126.73 -20.61 0.00	125.75 -19.29 0.00	140.39 -19.57 0.00
OXY_CHEM_DSASP____ 323612	63.43 -8.59 -1.38	45.84 -6.31 0.00	41.60 -5.97 0.00	41.46 -5.87 0.00	57.57 -7.87 0.00	44.05 -5.97 0.00	65.28 -9.22 0.00	54.25 -7.89 0.00	47.36 -6.71 0.00	55.26 -7.52 0.00	104.88 -18.79 5.69	118.41 -21.01 0.00	114.12 -20.31 0.00	114.80 -19.38 0.00	107.86 -18.40 0.00	104.48 -17.97 0.00	110.83 -18.15 0.00	123.86 -20.62 0.00	222.17 -31.51 0.00	123.97 -19.09 0.00	118.47 -18.24 0.00	124.75 -22.60 0.00	123.88 -21.16 0.00	138.57 -21.39 0.00
OZONE_PARK_ESR____ 323760	84.05 5.33 -8.10	56.52 3.70 -0.67	50.81 3.25 0.00	50.51 3.18 0.00	69.80 4.35 0.00	59.20 3.45 -5.72	90.94 5.02 -11.42	73.10 4.23 -6.73	58.01 3.94 0.00	67.25 4.47 0.00	140.05 10.68 0.00	151.16 11.73 0.00	146.26 11.83 0.00	145.62 11.44 0.00	137.37 11.10 0.00	133.16 10.70 0.00	140.05 11.07 0.00	157.06 12.58 0.00	274.90 21.22 0.00	155.71 12.66 0.00	148.91 12.20 0.00	160.42 13.07 0.00	157.83 12.78 0.00	173.20 13.24 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A____ 345013	63.43 -8.59 -1.38	45.84 -6.31 0.00	41.60 -5.97 0.00	41.46 -5.87 0.00	57.57 -7.87 0.00	44.05 -5.97 0.00	65.28 -9.22 0.00	54.25 -7.89 0.00	47.36 -6.71 0.00	55.26 -7.52 0.00	104.88 -18.79 5.69	118.41 -21.01 0.00	114.12 -20.31 0.00	114.80 -19.38 0.00	107.86 -18.40 0.00	104.48 -17.97 0.00	110.83 -18.15 0.00	123.86 -20.62 0.00	222.17 -31.51 0.00	123.97 -19.09 0.00	118.47 -18.24 0.00	124.75 -22.60 0.00	123.88 -21.16 0.00	138.57 -21.39 0.00
PACKARD___115KV_DUPONT_184____ 80571	63.43 -8.59 -1.38	45.84 -6.31 0.00	41.60 -5.97 0.00	41.46 -5.87 0.00	57.57 -7.87 0.00	44.05 -5.97 0.00	65.28 -9.22 0.00	54.25 -7.89 0.00	47.36 -6.71 0.00	55.26 -7.52 0.00	104.88 -18.79 5.69	118.41 -21.01 0.00	114.12 -20.31 0.00	114.80 -19.38 0.00	107.86 -18.40 0.00	104.48 -17.97 0.00	110.83 -18.15 0.00	123.86 -20.62 0.00	222.17 -31.51 0.00	123.97 -19.09 0.00	118.47 -18.24 0.00	124.75 -22.60 0.00	123.88 -21.16 0.00	138.57 -21.39 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J____ 345007	83.69 4.96 -8.10	56.19 3.37 -0.67	50.49 2.91 0.00	50.19 2.86 0.00	69.39 3.94 0.00	58.79 3.04 -5.72	90.33 4.41 -11.42	72.61 3.75 -6.73	57.60 3.53 0.00	66.66 3.88 0.00	138.90 9.54 0.00	149.56 10.14 0.00	144.78 10.35 0.00	143.99 9.80 0.00	135.80 9.54 0.00	131.59 9.13 0.00	138.42 9.44 0.00	155.08 10.60 0.00	271.47 17.79 0.00	153.85 10.80 0.00	147.14 10.43 0.00	158.72 11.37 0.00	156.05 11.01 0.00	171.34 11.37 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J____ 345019	84.30 5.57 -8.10	56.71 3.89 -0.67	51.00 3.42 0.00	50.69 3.36 0.00	70.08 4.63 0.00	59.09 3.34 -5.72	90.87 4.94 -11.42	73.02 4.15 -6.73	58.03 3.97 0.00	67.07 4.30 0.00	139.56 10.19 0.00	149.90 10.48 0.00	145.26 10.82 0.00	144.59 10.41 0.00	136.48 10.21 0.00	132.17 9.71 0.00	139.03 10.06 0.00	155.82 11.33 0.00	272.81 19.13 0.00	154.55 11.50 0.00	147.68 10.97 0.00	159.31 11.96 0.00	156.65 11.60 0.00	172.04 12.07 0.00
PATROON___115KV_TB1____ 80586	101.89 3.55 -27.72	59.46 2.55 -4.76	49.82 2.25 0.00	49.56 2.23 0.00	68.51 3.06 0.00	92.86 2.34 -40.48	158.62 3.31 -80.81	112.35 2.60 -47.62	56.29 2.22 0.00	65.45 2.67 0.00	134.96 5.60 0.00	145.49 6.07 0.00	140.38 5.95 0.00	140.05 5.87 0.00	131.84 5.57 0.00	127.33 4.87 0.00	133.51 4.53 0.00	149.89 5.41 0.00	262.97 9.29 0.00	148.30 5.25 0.00	141.77 5.06 0.00	152.67 5.32 0.00	150.47 5.43 0.00	166.91 6.95 0.00
PATTRSNVILLE___SOLAR____ 323815	115.74 3.32 -41.80	62.39 2.39 -7.85	49.71 2.14 0.00	49.47 2.14 0.00	68.43 2.98 0.00	119.15 2.33 -66.79	211.31 3.49 -133.32	143.63 2.93 -78.56	56.63 2.56 0.00	65.64 2.86 0.00	135.32 5.95 0.00	145.68 6.25 0.00	140.50 6.07 0.00	140.36 6.18 0.00	132.28 6.02 0.00	128.33 5.87 0.00	135.38 6.41 0.00	152.04 7.56 0.00	267.13 13.45 0.00	150.62 7.56 0.00	143.81 7.10 0.00	154.70 7.35 0.00	152.15 7.10 0.00	167.63 7.67 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A____ 345030	67.84 -4.31 -1.53	48.85 -3.29 0.00	44.30 -3.27 0.00	44.20 -3.13 0.00	61.32 -4.13 0.00	47.00 -3.03 0.00	69.65 -4.85 0.00	58.01 -4.12 0.00	50.62 -3.45 0.00	59.01 -3.77 0.00	112.01 -10.67 6.68	128.09 -11.33 0.00	123.50 -10.93 0.00	124.11 -10.07 0.00	116.67 -9.59 0.00	112.89 -9.57 0.00	119.50 -9.48 0.00	133.76 -10.72 0.00	239.01 -14.67 0.00	133.72 -9.33 0.00	127.72 -8.99 0.00	134.79 -12.56 0.00	133.79 -11.25 0.00	149.04 -10.92 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H____ 345028	84.03 5.16 -8.24	56.47 3.63 -0.69	50.76 3.20 0.00	50.49 3.16 0.00	69.80 4.35 0.00	59.41 3.48 -5.90	91.36 5.09 -11.78	73.36 4.28 -6.94	58.04 3.97 0.00	67.32 4.54 0.00	139.60 10.24 0.00	150.60 11.18 0.00	145.56 11.12 0.00	144.99 10.81 0.00	136.64 10.38 0.00	132.71 10.25 0.00	139.79 10.81 0.00	157.03 12.55 0.00	275.19 21.52 0.00	155.70 12.64 0.00	148.76 12.05 0.00	160.03 12.69 0.00	157.32 12.28 0.00	172.75 12.78 0.00
PEEKSKILL____ 23653	82.76 4.12 -8.01	55.67 2.85 -0.67	50.06 2.49 0.00	49.78 2.46 0.00	68.79 3.35 0.00	58.39 2.70 -5.66	89.72 3.92 -11.30	72.10 3.30 -6.66	57.13 3.06 0.00	66.25 3.47 0.00	137.59 8.23 0.00	148.37 8.95 0.00	143.45 9.01 0.00	142.87 8.69 0.00	134.74 8.47 0.00	130.72 8.26 0.00	137.48 8.50 0.00	154.27 9.79 0.00	270.05 16.37 0.00	152.84 9.79 0.00	146.14 9.43 0.00	157.37 10.03 0.00	154.86 9.81 0.00	170.09 10.12 0.00

PGE MADISON___WINDPWR 24146	76.52 1.90 -4.00	53.73 1.11 -0.47	48.63 1.06 0.00	48.52 1.19 0.00	67.08 1.64 0.00	56.31 2.28 -4.00	86.30 3.82 -7.99	70.31 3.47 -4.71	57.32 3.25 0.00	65.52 2.74 0.00	142.12 3.87 -8.89	143.37 3.95 0.00	137.25 2.82 0.00	136.89 2.70 0.00	129.06 2.80 0.00	125.91 3.45 0.00	134.42 5.44 0.00	152.34 7.86 0.00	268.89 15.21 0.00	151.48 8.44 0.00	144.38 7.67 0.00	154.07 6.73 0.00	151.18 6.13 0.00	166.36 6.40 0.00
PIERCEFIELD___HYD 23852	70.03 -0.60 0.00	51.62 -0.53 0.00	47.04 -0.53 0.00	46.76 -0.57 0.00	64.76 -0.68 0.00	49.53 -0.49 0.00	73.97 -0.52 0.00	61.86 -0.28 0.00	52.03 -0.43 1.61	62.22 -0.55 0.00	101.11 -1.38 26.88	113.09 -1.90 24.43	84.30 -2.07 48.07	105.78 -2.61 25.79	97.99 -3.36 24.91	79.74 -3.59 39.13	125.23 -3.74 0.00	128.29 -4.41 11.78	237.28 -8.31 8.10	121.83 -4.30 16.92	132.57 -4.14 0.01	139.03 -3.25 5.07	142.42 -2.62 0.00	158.05 -1.91 0.00
PINELAWN_CC_1 323563	84.72 5.99 -8.09	56.94 4.12 -0.67	51.18 3.61 0.00	50.89 3.56 0.00	70.40 4.95 0.00	59.64 3.89 -5.72	91.51 5.60 -11.42	73.58 4.71 -6.73	58.21 4.15 0.00	67.66 4.88 0.00	140.37 11.01 0.00	151.31 11.88 0.00	146.43 11.99 0.00	145.53 11.34 0.00	137.62 11.35 0.00	144.05 11.57 -10.02	150.64 12.33 -9.33	159.26 14.09 -0.69	276.36 22.13 -0.54	162.69 13.91 -5.73	171.49 13.71 -21.08	166.76 14.30 -5.12	162.25 13.89 -3.31	172.73 12.77 0.00
PJM_GEN_HTP_PROXY 323702	83.28 4.56 -8.09	55.98 3.16 -0.67	50.32 2.75 0.00	50.03 2.71 0.00	69.14 3.70 0.00	58.70 2.95 -5.72	90.17 4.25 -11.42	72.45 3.59 -6.73	57.44 3.37 0.00	66.59 3.81 0.00	138.60 9.24 0.00	149.58 10.15 0.00	144.68 10.25 0.00	144.07 9.89 0.00	135.89 9.63 0.00	131.74 9.28 0.00	138.50 9.52 0.00	155.29 10.81 0.00	271.65 17.98 0.00	153.82 10.77 0.00	147.10 10.39 0.00	158.46 11.11 0.00	155.98 10.93 0.00	171.20 11.24 0.00
PJM_GEN_KEystone 24065	58.96 -0.57 11.10	52.00 -0.59 -0.44	46.89 -0.68 0.00	46.68 -0.65 0.00	63.76 -0.87 0.82	53.18 -0.56 -3.71	75.56 -1.06 -2.13	65.59 -0.91 -4.37	53.45 -0.62 0.00	62.04 -0.74 0.00	70.74 -2.04 56.58	63.62 -2.00 73.80	44.91 -1.71 87.81	45.38 -1.59 87.21	31.99 -1.38 92.90	36.31 -1.58 84.56	53.30 -1.50 74.18	102.90 -1.58 40.01	214.83 -2.09 36.76	140.75 -1.11 1.20	135.62 -1.09 0.00	145.22 -2.12 0.00	125.95 -1.59 17.51	94.24 -1.54 64.18
PJM_GEN_NEPTUNE_PROXY 323594	83.84 5.12 -8.09	56.33 3.51 -0.67	50.63 3.06 0.00	50.35 3.02 0.00	69.62 4.18 0.00	59.05 3.30 -5.72	90.61 4.69 -11.42	72.80 3.94 -6.73	57.61 3.54 0.00	66.89 4.12 0.00	138.99 9.63 0.00	149.94 10.51 0.00	145.04 10.61 0.00	144.22 10.04 0.00	136.28 10.02 0.00	137.93 10.10 -5.38	144.50 10.51 -5.01	156.28 11.78 -0.02	272.11 18.43 0.00	155.39 11.65 -0.70	158.73 11.51 -10.51	159.82 12.14 -0.33	157.18 11.79 -0.34	170.93 10.96 0.00
PJM_GEN_VFT_PROXY 323633	82.86 4.14 -8.10	55.66 2.84 -0.67	50.07 2.50 0.00	49.79 2.46 0.00	68.74 3.29 0.00	58.38 2.63 -5.72	89.69 3.77 -11.42	72.02 3.16 -6.73	57.06 2.99 0.00	66.13 3.35 0.00	134.37 8.36 3.36	148.65 9.22 0.00	143.87 9.44 0.00	143.24 9.06 0.00	135.13 8.87 0.00	131.01 8.55 0.00	137.64 8.66 0.00	117.78 9.91 36.61	245.49 16.42 24.61	117.14 9.87 35.78	146.19 9.48 0.00	157.52 10.18 0.00	154.19 10.05 0.90	170.28 10.32 0.00
PLATSBURG_115KV_PMLD1 355749	69.71 -0.92 0.00	50.95 -1.20 0.00	46.27 -1.30 0.00	46.14 -1.19 0.00	63.73 -1.71 0.00	-1.62 -1.46 50.19	-29.56 -2.04 102.02	-28.85 -1.61 89.38	-17.23 -1.51 69.79	-28.72 -1.77 89.72	2.47 -3.49 123.39	-24.51 -3.98 159.95	-28.44 -4.10 158.78	-30.75 -4.27 160.65	-30.40 -4.16 152.50	-24.05 -3.79 142.72	-33.42 -4.02 158.38	-33.14 -4.65 172.97	-40.85 -8.28 286.25	-32.48 -4.87 170.66	-33.84 -4.49 166.06	24.01 -3.93 119.41	141.60 -3.45 0.00	157.30 -2.66 0.00
PLEASANTVLY___LBMP 24000	83.15 4.05 -8.47	55.69 2.83 -0.71	50.05 2.48 0.00	49.76 2.43 0.00	68.78 3.33 0.00	58.71 2.65 -6.03	90.40 3.86 -12.04	72.46 3.23 -7.09	57.07 3.00 0.00	66.22 3.44 0.00	137.27 7.91 0.00	148.00 8.57 0.00	143.00 8.57 0.00	142.53 8.35 0.00	134.38 8.11 0.00	130.33 7.87 0.00	137.04 8.06 0.00	153.76 9.28 0.00	269.22 15.54 0.00	152.37 9.32 0.00	145.61 8.90 0.00	156.83 9.48 0.00	154.26 9.22 0.00	169.65 9.69 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	83.26 4.48 -8.15	55.94 3.12 -0.68	50.29 2.72 0.00	50.02 2.69 0.00	69.13 3.68 0.00	58.74 2.96 -5.76	90.26 4.28 -11.49	72.49 3.59 -6.77	57.42 3.35 0.00	66.58 3.80 0.00	138.23 8.87 0.00	149.15 9.73 0.00	144.20 9.77 0.00	143.60 9.42 0.00	135.44 9.18 0.00	131.33 8.87 0.00	138.11 9.13 0.00	154.97 10.49 0.00	271.36 17.68 0.00	153.55 10.50 0.00	146.81 10.11 0.00	158.09 10.75 0.00	155.55 10.50 0.00	170.91 10.95 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	83.26 4.48 -8.15	55.94 3.12 -0.68	50.29 2.72 0.00	50.02 2.69 0.00	69.13 3.68 0.00	58.74 2.96 -5.76	90.26 4.28 -11.49	72.49 3.59 -6.77	57.42 3.35 0.00	66.58 3.80 0.00	138.23 8.87 0.00	149.15 9.73 0.00	144.20 9.77 0.00	143.60 9.42 0.00	135.44 9.18 0.00	131.33 8.87 0.00	138.11 9.13 0.00	154.97 10.49 0.00	271.36 17.68 0.00	153.55 10.50 0.00	146.81 10.11 0.00	158.09 10.75 0.00	155.55 10.50 0.00	170.91 10.95 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	83.95 4.74 -8.58	56.22 3.31 -0.76	50.49 2.91 0.00	50.20 2.87 0.00	69.39 3.95 0.00	59.62 3.16 -6.43	92.04 4.70 -12.84	73.74 4.03 -7.57	57.80 3.73 0.00	67.08 4.30 0.00	138.96 9.60 0.00	149.81 10.39 0.00	144.73 10.29 0.00	144.19 10.01 0.00	135.92 9.66 0.00	131.69 9.23 0.00	138.68 9.70 0.00	155.79 11.31 0.00	273.04 19.36 0.00	154.55 11.50 0.00	147.57 10.86 0.00	158.84 11.50 0.00	156.07 11.03 0.00	171.51 11.54 0.00
POLETTI___ 23519	83.16 4.43 -8.10	55.89 3.06 -0.67	50.23 2.66 0.00	49.93 2.60 0.00	68.99 3.54 0.00	58.53 2.78 -5.72	89.91 3.99 -11.42	72.17 3.31 -6.73	57.24 3.17 0.00	66.30 3.52 0.00	138.38 9.02 0.00	149.45 10.03 0.00	144.80 10.37 0.00	144.09 9.90 0.00	135.93 9.67 0.00	131.75 9.29 0.00	138.49 9.51 0.00	155.21 10.73 0.00	271.46 17.78 0.00	153.75 10.70 0.00	147.09 10.38 0.00	158.48 11.13 0.00	156.04 11.00 0.00	171.34 11.38 0.00
POMONA___ESR 323819	82.45 4.02 -7.80	55.59 2.80 -0.65	49.99 2.42 0.00	49.73 2.40 0.00	68.71 3.26 0.00	58.17 2.64 -5.50	89.32 3.84 -10.98	71.85 3.24 -6.48	57.06 2.99 0.00	66.15 3.38 0.00	137.34 7.98 0.00	148.06 8.63 0.00	143.11 8.67 0.00	142.53 8.34 0.00	134.39 8.13 0.00	130.36 7.90 0.00	137.12 8.14 0.00	153.86 9.38 0.00	269.54 15.85 0.00	152.47 9.42 0.00	145.74 9.03 0.00	156.96 9.61 0.00	154.45 9.41 0.00	169.77 9.80 0.00
PORT_JEFF_3 23555	85.11 6.39 -8.09	57.20 4.39 -0.67	51.42 3.85 0.00	51.17 3.84 0.00	70.81 5.37 0.00	59.98 4.23 -5.72	91.94 6.02 -11.42	73.94 5.08 -6.73	58.52 4.45 0.00	67.99 5.21 0.00	140.91 11.55 0.00	151.99 12.57 0.00	146.85 12.41 0.00	145.53 11.34 0.00	137.66 11.40 0.00	144.25 11.77 -10.02	151.13 12.82 -9.33	174.42 14.56 -15.38	288.45 22.15 -12.62	261.87 14.17 -104.65	204.98 14.12 -54.15	267.32 14.94 -105.04	222.59 14.55 -63.00	172.86 12.90 0.00

PORT_JEFF_4 23616	85.11 6.39 -8.09	57.20 4.39 -0.67	51.42 3.85 0.00	51.17 3.84 0.00	70.81 5.37 0.00	59.98 4.23 -5.72	91.94 6.02 -11.42	73.94 5.08 -6.73	58.52 4.45 0.00	67.99 5.21 0.00	140.91 11.55 0.00	151.99 12.57 0.00	146.85 12.41 0.00	145.53 11.34 0.00	137.66 11.40 0.00	144.25 11.77 -10.02	151.13 12.82 -9.33	174.42 14.56 -15.38	288.45 22.15 -12.62	261.87 14.17 -104.65	204.98 14.12 -54.15	267.32 14.94 -105.04	222.59 14.55 -63.00	172.86 12.90 0.00
PORT_JEFF_IC 23713	85.14 6.42 -8.09	57.23 4.41 -0.67	51.47 3.90 0.00	51.18 3.85 0.00	70.83 5.38 0.00	60.01 4.26 -5.72	91.96 6.04 -11.42	73.98 5.11 -6.73	58.56 4.49 0.00	68.02 5.24 0.00	140.92 11.56 0.00	152.04 12.61 0.00	146.91 12.48 0.00	145.59 11.41 0.00	137.73 11.46 0.00	144.32 11.84 -10.02	151.24 12.93 -9.33	175.02 14.45 -16.09	288.84 21.95 -13.20	266.54 14.07 -109.42	206.52 14.06 -55.75	272.31 15.11 -109.85	225.58 14.66 -65.88	172.98 13.02 0.00
PPL_PILGRIM_ST_GT1 24216	85.29 6.57 -8.09	57.33 4.51 -0.67	51.54 3.97 0.00	51.28 3.95 0.00	70.94 5.50 0.00	60.07 4.32 -5.72	92.03 6.11 -11.42	74.00 5.14 -6.73	58.59 4.52 0.00	67.94 5.17 0.00	140.92 11.56 0.00	151.97 12.55 0.00	147.15 12.71 0.00	146.12 11.94 0.00	138.25 11.98 0.00	144.77 12.30 -10.02	151.40 13.09 -9.33	160.88 14.85 -1.54	278.02 23.10 -1.24	168.94 14.43 -11.47	173.95 14.25 -22.99	172.84 14.59 -10.91	166.21 14.39 -6.77	173.19 13.23 0.00
PPL_PILGRIM_ST_GT2 24217	85.29 6.57 -8.09	57.33 4.51 -0.67	51.54 3.97 0.00	51.28 3.95 0.00	70.94 5.50 0.00	60.07 4.32 -5.72	92.03 6.11 -11.42	74.00 5.14 -6.73	58.59 4.52 0.00	67.94 5.17 0.00	140.92 11.56 0.00	151.97 12.55 0.00	147.15 12.71 0.00	146.12 11.94 0.00	138.25 11.98 0.00	144.77 12.30 -10.02	151.40 13.09 -9.33	160.88 14.85 -1.54	278.02 23.10 -1.24	168.94 14.43 -11.47	173.95 14.25 -22.99	172.84 14.59 -10.91	166.21 14.39 -6.77	173.19 13.23 0.00
PPL_SHRM_GT3 24213	85.50 6.78 -8.09	57.50 4.68 -0.67	51.69 4.12 0.00	51.41 4.08 0.00	71.20 5.75 0.00	60.29 4.54 -5.72	92.40 6.49 -11.42	74.37 5.50 -6.73	58.84 4.77 0.00	68.30 5.52 0.00	141.35 11.99 0.00	152.52 13.09 0.00	147.14 12.71 0.00	145.42 11.24 0.00	137.47 11.21 0.00	144.15 11.68 -10.02	151.31 13.00 -9.33	174.93 15.31 -15.14	289.37 23.27 -12.42	261.06 15.03 -102.98	205.10 14.80 -53.59	266.09 15.39 -103.35	222.06 15.02 -61.99	173.34 13.38 0.00
PPL_SHRM_GT4 24214	85.50 6.78 -8.09	57.50 4.68 -0.67	51.69 4.12 0.00	51.41 4.08 0.00	71.20 5.75 0.00	60.29 4.54 -5.72	92.40 6.49 -11.42	74.37 5.50 -6.73	58.84 4.77 0.00	68.30 5.52 0.00	141.35 11.99 0.00	152.52 13.09 0.00	147.14 12.71 0.00	145.42 11.24 0.00	137.47 11.21 0.00	144.15 11.68 -10.02	151.31 13.00 -9.33	174.93 15.31 -15.14	289.37 23.27 -12.42	261.06 15.03 -102.98	205.10 14.80 -53.59	266.09 15.39 -103.35	222.06 15.02 -61.99	173.34 13.38 0.00
PROJECT___ORANGE 1 24174	68.73 -1.90 0.00	50.67 -1.48 0.00	46.31 -1.26 0.00	46.10 -1.23 0.00	63.59 -1.86 0.00	48.69 -1.34 0.00	72.55 -1.95 0.00	60.56 -1.58 0.00	52.82 -1.25 0.00	61.40 -1.38 0.00	125.88 -3.49 0.00	135.60 -3.82 0.00	130.53 -3.91 0.00	130.54 -3.64 0.00	122.88 -3.38 0.00	119.11 -3.35 0.00	125.85 -3.13 0.00	141.30 -3.18 0.00	249.17 -4.51 0.00	140.31 -2.74 0.00	133.80 -2.91 0.00	143.26 -4.09 0.00	140.95 -4.10 0.00	155.47 -4.49 0.00
PROJECT___ORANGE 2 24166	68.73 -1.90 0.00	50.67 -1.48 0.00	46.31 -1.26 0.00	46.10 -1.23 0.00	63.59 -1.86 0.00	48.69 -1.34 0.00	72.55 -1.95 0.00	60.56 -1.58 0.00	52.82 -1.25 0.00	61.40 -1.38 0.00	125.88 -3.49 0.00	135.60 -3.82 0.00	130.53 -3.91 0.00	130.54 -3.64 0.00	122.88 -3.38 0.00	119.11 -3.35 0.00	125.85 -3.13 0.00	141.30 -3.18 0.00	249.17 -4.51 0.00	140.31 -2.74 0.00	133.80 -2.91 0.00	143.26 -4.09 0.00	140.95 -4.10 0.00	155.47 -4.49 0.00
PUCKETT___SOLAR 323809	74.27 -0.05 -3.70	52.30 -0.25 -0.40	47.32 -0.25 0.00	47.15 -0.18 0.00	65.17 -0.28 0.00	53.42 0.00 -3.39	81.32 0.07 -6.76	66.24 0.12 -3.98	54.32 0.25 0.00	62.96 0.19 0.00	128.75 -0.61 0.00	138.55 -0.87 0.00	133.59 -0.85 0.00	133.43 -0.76 0.00	125.61 -0.65 0.00	121.72 -0.74 0.00	129.19 0.21 0.00	145.58 1.10 0.00	256.30 2.62 0.00	144.62 1.57 0.00	137.90 1.19 0.00	147.61 0.26 0.00	145.34 0.30 0.00	160.30 0.34 0.00
PYRITES___HYD 24023	71.18 0.56 0.00	52.51 0.37 0.00	47.89 0.31 0.00	47.58 0.25 0.00	65.97 0.52 0.00	50.50 0.47 0.00	75.46 0.96 0.00	63.11 0.97 0.00	53.07 0.65 1.65	63.29 0.51 0.00	101.84 0.10 27.62	113.95 -0.37 25.11	84.36 -0.68 49.40	106.44 -1.24 26.50	98.87 -1.83 25.56	80.53 -1.72 40.21	127.36 -1.62 12.11	131.12 -1.26 8.32	242.91 -2.45 17.39	124.58 -1.09 17.39	135.66 -1.04 0.01	142.09 -0.04 5.22	145.35 0.31 0.00	160.97 1.01 0.00
QUAKERRD_115KV_BK1 80622	66.53 -5.20 -1.10	48.27 -3.88 0.00	44.01 -3.57 0.00	43.83 -3.50 0.00	60.64 -4.81 0.00	46.47 -3.56 0.00	69.14 -5.35 0.00	57.70 -4.44 0.00	50.33 -3.74 0.00	58.62 -4.16 0.00	115.87 -10.52 2.97	127.97 -11.46 0.00	123.28 -11.16 0.00	123.50 -10.68 0.00	116.06 -10.20 0.00	112.58 -9.88 0.00	119.17 -9.81 0.00	133.65 -10.83 0.00	237.43 -16.25 0.00	133.12 -9.93 0.00	126.94 -9.76 0.00	134.97 -12.37 0.00	133.09 -11.95 0.00	147.43 -12.53 0.00
QUEENSBRY_115KV_TB8 356137	117.27 6.99 -39.64	64.48 4.97 -7.37	52.05 4.48 0.00	51.86 4.53 0.00	71.71 6.26 0.00	117.67 4.99 -62.65	207.10 7.56 -125.05	142.16 6.33 -73.69	59.64 5.57 0.00	69.16 6.39 0.00	142.58 13.22 0.00	153.51 14.08 0.00	147.77 13.33 0.00	147.81 13.63 0.00	138.79 12.52 0.00	134.96 12.50 0.00	142.40 13.42 0.00	160.32 15.84 0.00	281.27 27.59 0.00	158.42 15.37 0.00	150.97 14.26 0.00	162.01 14.67 0.00	158.92 13.87 0.00	175.44 15.48 0.00
RAMAPO___LBMP 323565	82.14 3.74 -7.78	55.39 2.59 -0.64	49.82 2.25 0.00	49.54 2.22 0.00	68.46 3.02 0.00	57.96 2.45 -5.48	88.98 3.54 -10.94	71.56 2.98 -6.45	56.83 2.76 0.00	65.88 3.10 0.00	136.74 7.38 0.00	147.43 8.00 0.00	142.49 8.05 0.00	141.88 7.70 0.00	133.82 7.56 0.00	129.76 7.30 0.00	136.50 7.52 0.00	153.13 8.65 0.00	268.26 14.58 0.00	151.75 8.70 0.00	145.09 8.38 0.00	156.27 8.93 0.00	153.82 8.77 0.00	169.10 9.13 0.00
RANKINE____ 23646	66.38 -5.74 -1.50	47.76 -4.39 0.00	43.29 -4.28 0.00	43.20 -4.13 0.00	59.95 -5.50 0.00	45.97 -4.06 0.00	68.14 -6.35 0.00	56.77 -5.37 0.00	49.56 -4.52 0.00	57.82 -4.96 0.00	109.09 -13.60 6.67	125.15 -14.27 0.00	120.62 -13.81 0.00	121.30 -12.88 0.00	114.02 -12.24 0.00	110.38 -12.08 0.00	117.04 -11.94 0.00	131.00 -13.48 0.00	234.33 -19.35 0.00	131.05 -12.00 0.00	125.11 -11.60 0.00	131.90 -15.44 0.00	130.80 -14.24 0.00	145.82 -14.15 0.00
RAVENSWOOD_GT2_1 24244	83.37 4.64 -8.10	56.05 3.22 -0.67	50.38 2.82 0.00	50.10 2.78 0.00	69.23 3.78 0.00	58.74 2.99 -5.72	90.24 4.32 -11.42	72.51 3.64 -6.73	57.49 3.42 0.00	66.64 3.86 0.00	138.75 9.39 0.00	149.73 10.31 0.00	144.87 10.44 0.00	144.23 10.05 0.00	136.04 9.78 0.00	131.84 9.38 0.00	138.63 9.65 0.00	155.40 10.92 0.00	271.86 18.18 0.00	153.97 10.92 0.00	147.25 10.54 0.00	158.67 11.33 0.00	156.19 11.14 0.00	171.49 11.52 0.00

RAVENSWOOD_GT2_2 24245	83.37 4.64 -8.10	56.05 3.22 -0.67	50.38 2.82 0.00	50.10 2.78 0.00	69.23 3.78 0.00	58.74 2.99 -5.72	90.24 4.32 -11.42	72.51 3.64 -6.73	57.49 3.42 0.00	66.64 3.86 0.00	138.75 9.39 0.00	149.73 10.31 0.00	144.87 10.44 0.00	144.23 10.05 0.00	136.04 9.78 0.00	131.84 9.38 0.00	138.63 9.65 0.00	155.40 10.92 0.00	271.86 18.18 0.00	153.97 10.92 0.00	147.25 10.54 0.00	158.67 11.33 0.00	156.19 11.14 0.00	171.49 11.52 0.00
RAVENSWOOD_GT2_3 24246	83.42 4.70 -8.10	56.08 3.26 -0.67	50.42 2.85 0.00	50.12 2.79 0.00	69.27 3.83 0.00	58.78 3.03 -5.72	90.29 4.37 -11.42	72.54 3.67 -6.73	57.53 3.46 0.00	66.68 3.91 0.00	138.86 9.50 0.00	149.84 10.42 0.00	144.93 10.49 0.00	144.29 10.10 0.00	136.10 9.84 0.00	131.92 9.46 0.00	138.70 9.72 0.00	155.48 11.00 0.00	271.98 18.31 0.00	154.04 10.99 0.00	147.32 10.61 0.00	158.77 11.43 0.00	156.27 11.23 0.00	171.53 11.56 0.00
RAVENSWOOD_GT2_4 24247	83.42 4.70 -8.10	56.08 3.26 -0.67	50.42 2.85 0.00	50.12 2.79 0.00	69.27 3.83 0.00	58.78 3.03 -5.72	90.29 4.37 -11.42	72.54 3.67 -6.73	57.53 3.46 0.00	66.68 3.91 0.00	138.86 9.50 0.00	149.84 10.42 0.00	144.93 10.49 0.00	144.29 10.10 0.00	136.10 9.84 0.00	131.92 9.46 0.00	138.70 9.72 0.00	155.48 11.00 0.00	271.98 18.31 0.00	154.04 10.99 0.00	147.32 10.61 0.00	158.77 11.43 0.00	156.27 11.23 0.00	171.53 11.56 0.00
RAVENSWOOD_GT3_1 24248	83.37 4.64 -8.10	56.05 3.22 -0.67	50.38 2.82 0.00	50.10 2.78 0.00	69.23 3.78 0.00	58.74 2.99 -5.72	90.24 4.32 -11.42	72.51 3.64 -6.73	57.50 3.43 0.00	66.64 3.86 0.00	138.76 9.40 0.00	149.73 10.31 0.00	144.88 10.45 0.00	144.23 10.05 0.00	136.04 9.78 0.00	131.84 9.38 0.00	138.63 9.65 0.00	155.41 10.93 0.00	271.86 18.18 0.00	153.97 10.92 0.00	147.25 10.54 0.00	158.67 11.33 0.00	156.19 11.14 0.00	171.49 11.52 0.00
RAVENSWOOD_GT3_2 24249	83.37 4.64 -8.10	56.05 3.22 -0.67	50.38 2.82 0.00	50.10 2.78 0.00	69.23 3.78 0.00	58.74 2.99 -5.72	90.24 4.32 -11.42	72.51 3.64 -6.73	57.50 3.43 0.00	66.64 3.86 0.00	138.76 9.40 0.00	149.73 10.31 0.00	144.88 10.45 0.00	144.23 10.05 0.00	136.04 9.78 0.00	131.84 9.38 0.00	138.63 9.65 0.00	155.41 10.93 0.00	271.86 18.18 0.00	153.97 10.92 0.00	147.25 10.54 0.00	158.67 11.33 0.00	156.19 11.14 0.00	171.49 11.52 0.00
RAVENSWOOD_GT3_3 24250	83.47 4.75 -8.10	56.12 3.30 -0.67	50.46 2.88 0.00	50.17 2.83 0.00	69.32 3.87 0.00	58.82 3.07 -5.72	90.35 4.43 -11.42	72.60 3.73 -6.73	57.57 3.50 0.00	66.75 3.97 0.00	138.99 9.63 0.00	149.98 10.56 0.00	145.07 10.64 0.00	144.43 10.25 0.00	136.23 9.97 0.00	132.04 9.58 0.00	138.85 9.87 0.00	155.64 11.16 0.00	272.25 18.57 0.00	154.21 11.16 0.00	147.49 10.78 0.00	158.92 11.57 0.00	156.43 11.38 0.00	171.68 11.72 0.00
RAVENSWOOD_GT3_4 24251	83.47 4.75 -8.10	56.12 3.30 -0.67	50.46 2.88 0.00	50.17 2.83 0.00	69.32 3.87 0.00	58.82 3.07 -5.72	90.35 4.43 -11.42	72.60 3.73 -6.73	57.57 3.50 0.00	66.75 3.97 0.00	138.99 9.63 0.00	149.98 10.56 0.00	145.07 10.64 0.00	144.43 10.25 0.00	136.23 9.97 0.00	132.04 9.58 0.00	138.85 9.87 0.00	155.64 11.16 0.00	272.25 18.57 0.00	154.21 11.16 0.00	147.49 10.78 0.00	158.92 11.57 0.00	156.43 11.38 0.00	171.68 11.72 0.00
RAVENSWOOD_GT_1 23729	86.80 4.90 -11.27	65.04 3.39 -9.50	60.72 2.95 -10.20	60.62 2.91 -10.38	75.63 4.00 -6.18	67.22 3.14 -14.06	92.64 4.53 -13.62	78.80 3.85 -12.82	66.64 3.64 -8.93	74.07 4.10 -7.20	153.19 10.11 -13.72	161.36 10.99 -10.95	145.95 11.12 -0.40	144.85 10.67 0.00	138.19 10.35 -1.58	133.08 9.84 -0.79	181.28 10.17 -42.14	302.73 11.38 -146.87	344.83 18.84 -72.31	274.07 11.40 -119.62	402.34 11.10 -254.53	324.01 12.06 -164.61	205.02 11.80 -48.18	183.15 12.16 -11.02
RAVENSWOOD_GT_10 24258	83.77 4.65 -8.49	57.15 3.23 -1.77	51.65 2.82 -1.26	51.39 2.78 -1.29	70.01 3.79 -0.77	59.80 3.01 -6.76	90.53 4.34 -11.69	73.28 3.66 -7.48	58.62 3.44 -1.11	67.54 3.87 -0.89	140.46 9.40 -1.70	151.02 10.31 -1.29	144.89 10.44 -0.02	144.23 10.05 0.00	136.24 9.78 -0.19	131.84 9.38 0.00	143.77 9.65 -5.15	173.61 10.93 -18.20	280.82 18.18 -8.96	168.79 10.92 -14.82	178.79 10.54 -31.54	179.06 11.32 -20.40	162.16 11.14 -5.97	172.85 11.52 -1.37
RAVENSWOOD_GT_11 24259	83.77 4.65 -8.49	57.15 3.23 -1.77	51.65 2.82 -1.26	51.39 2.78 -1.29	70.01 3.79 -0.77	59.80 3.01 -6.76	90.53 4.34 -11.69	73.28 3.66 -7.48	58.62 3.44 -1.11	67.54 3.87 -0.89	140.46 9.40 -1.70	151.02 10.31 -1.29	144.89 10.44 -0.02	144.23 10.05 0.00	136.24 9.78 -0.19	131.84 9.38 0.00	143.77 9.65 -5.15	173.61 10.93 -18.20	280.82 18.18 -8.96	168.79 10.92 -14.82	178.79 10.54 -31.54	179.06 11.32 -20.40	162.16 11.14 -5.97	172.85 11.52 -1.37
RAVENSWOOD_GT_4 24252	85.73 4.63 -10.47	62.63 3.22 -7.26	57.99 2.81 -7.61	57.83 2.76 -7.75	73.82 3.76 -4.62	64.96 2.99 -11.94	91.85 4.30 -13.06	77.02 3.61 -11.27	64.13 3.40 -6.66	71.99 3.84 -5.37	148.90 9.30 -10.23	157.46 10.26 -7.78	144.88 10.35 -0.10	144.15 9.97 0.00	137.16 9.72 -1.18	131.82 9.36 0.00	169.58 9.61 -30.99	264.97 10.90 -109.60	325.81 18.18 -53.96	243.15 10.84 -89.26	337.10 10.46 -189.93	281.37 11.19 -122.83	192.06 11.07 -35.95	179.61 11.43 -8.22
RAVENSWOOD_GT_5 24254	85.73 4.63 -10.47	62.63 3.22 -7.26	57.99 2.81 -7.61	57.83 2.76 -7.75	73.82 3.76 -4.62	64.96 2.99 -11.94	91.85 4.30 -13.06	77.02 3.61 -11.27	64.13 3.40 -6.66	71.99 3.84 -5.37	148.90 9.30 -10.23	157.46 10.26 -7.78	144.88 10.35 -0.10	144.15 9.97 0.00	137.16 9.72 -1.18	131.82 9.36 0.00	169.58 9.61 -30.99	264.97 10.90 -109.60	325.81 18.18 -53.96	243.15 10.84 -89.26	337.10 10.46 -189.93	281.37 11.19 -122.83	192.06 11.07 -35.95	179.61 11.43 -8.22
RAVENSWOOD_GT_6 24253	85.73 4.63 -10.47	62.63 3.22 -7.26	57.99 2.81 -7.61	57.83 2.76 -7.75	73.82 3.76 -4.62	64.96 2.99 -11.94	91.85 4.30 -13.06	77.02 3.61 -11.27	64.13 3.40 -6.66	71.99 3.84 -5.37	148.90 9.30 -10.23	157.46 10.26 -7.78	144.88 10.35 -0.10	144.15 9.97 0.00	137.16 9.72 -1.18	131.82 9.36 0.00	169.58 9.61 -30.99	264.97 10.90 -109.60	325.81 18.18 -53.96	243.15 10.84 -89.26	337.10 10.46 -189.93	281.37 11.19 -122.83	192.06 11.07 -35.95	179.61 11.43 -8.22
RAVENSWOOD_GT_7 24255	85.73 4.63 -10.47	62.63 3.22 -7.26	57.99 2.81 -7.61	57.83 2.76 -7.75	73.82 3.76 -4.62	64.96 2.99 -11.94	91.85 4.30 -13.06	77.02 3.61 -11.27	64.13 3.40 -6.66	71.99 3.84 -5.37	148.90 9.30 -10.23	157.46 10.26 -7.78	144.88 10.35 -0.10	144.15 9.97 0.00	137.16 9.72 -1.18	131.82 9.36 0.00	169.58 9.61 -30.99	264.97 10.90 -109.60	325.81 18.18 -53.96	243.15 10.84 -89.26	337.10 10.46 -189.93	281.37 11.19 -122.83	192.06 11.07 -35.95	179.61 11.43 -8.22
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	83.77 4.65 -8.49	57.15 3.23 -1.77	51.65 2.82 -1.26	51.39 2.78 -1.29	70.01 3.79 -0.77	59.80 3.01 -6.76	90.53 4.34 -11.69	73.28 3.66 -7.48	58.62 3.44 -1.11	67.54 3.87 -0.89	140.46 9.40 -1.70	151.02 10.31 -1.29	144.89 10.44 -0.02	144.23 10.05 0.00	136.24 9.78 -0.19	131.84 9.38 0.00	143.77 9.65 -5.15	173.61 10.93 -18.20	280.82 18.18 -8.96	168.79 10.92 -14.82	178.79 10.54 -31.54	179.06 11.32 -20.40	162.16 11.14 -5.97	172.85 11.52 -1.37

RAVENSWOOD_GT_9 24257	83.77 4.65 -8.49	57.15 3.23 -1.77	51.65 2.82 -1.26	51.39 2.78 -1.29	70.01 3.79 -0.77	59.80 3.01 -6.76	90.53 4.34 -11.69	73.28 3.66 -7.48	58.62 3.44 -1.11	67.54 3.87 -0.89	140.46 9.40 -1.70	151.02 10.31 -1.29	144.89 10.44 -0.02	144.23 10.05 0.00	136.24 9.78 -0.19	131.84 9.38 0.00	143.77 9.65 -5.15	173.61 10.93 -18.20	280.82 18.18 -8.96	168.79 10.92 -14.82	178.79 10.54 -31.54	179.06 11.32 -20.40	162.16 11.14 -5.97	172.85 11.52 -1.37
RAVENSWOOD___1 23533	80.38 4.78 -4.97	47.45 3.32 8.01	40.43 2.88 10.03	39.96 2.84 10.21	63.29 3.92 6.08	50.63 3.07 2.47	88.17 4.41 -9.27	66.63 3.74 -0.75	48.84 3.54 8.78	59.68 3.98 7.07	125.73 9.85 13.48	139.87 10.70 10.25	145.12 10.82 0.13	144.56 10.37 0.00	134.79 10.07 1.55	132.08 9.62 0.00	98.06 9.92 40.83	11.25 11.17 144.40	201.05 18.46 71.09	36.67 11.22 117.60	-102.58 10.95 250.24	-2.62 11.87 161.84	109.24 11.56 47.36	161.01 11.89 10.84
RAVENSWOOD___2 23534	80.38 4.78 -4.97	47.45 3.32 8.01	40.43 2.88 10.03	39.96 2.84 10.21	63.29 3.92 6.08	50.63 3.07 2.47	88.17 4.41 -9.27	66.63 3.74 -0.75	48.84 3.54 8.78	59.68 3.98 7.07	125.73 9.85 13.48	139.87 10.70 10.25	145.12 10.82 0.13	144.56 10.37 0.00	134.79 10.07 1.55	132.08 9.62 0.00	98.06 9.92 40.83	11.25 11.17 144.40	201.05 18.46 71.09	36.67 11.22 117.60	-102.58 10.95 250.24	-2.62 11.87 161.84	109.24 11.56 47.36	161.01 11.89 10.84
RAVENSWOOD___3 23535	83.38 4.66 -8.10	56.05 3.23 -0.67	50.38 2.81 0.00	50.11 2.78 0.00	69.24 3.80 0.00	58.76 3.00 -5.72	90.25 4.33 -11.42	72.52 3.65 -6.73	57.52 3.45 0.00	66.65 3.87 0.00	138.81 9.44 0.00	149.77 10.35 0.00	144.90 10.46 0.00	144.27 10.08 0.00	136.06 9.80 0.00	131.86 9.40 0.00	138.64 9.66 0.00	155.40 10.92 0.00	271.87 18.20 0.00	153.98 10.93 0.00	147.25 10.54 0.00	158.68 11.33 0.00	156.17 11.13 0.00	171.48 11.52 0.00
RAVENSWOOD___4 23820	80.38 4.78 -4.97	47.45 3.32 8.01	40.43 2.88 10.03	39.96 2.84 10.21	63.29 3.92 6.08	50.63 3.07 2.47	88.17 4.41 -9.27	66.63 3.74 -0.75	48.84 3.54 8.78	59.68 3.98 7.07	125.73 9.85 13.48	139.87 10.70 10.25	145.12 10.82 0.13	144.56 10.37 0.00	134.79 10.07 1.55	132.08 9.62 0.00	98.06 9.92 40.83	11.25 11.17 144.40	201.05 18.46 71.09	36.67 11.22 117.60	-102.58 10.95 250.24	-2.62 11.87 161.84	109.24 11.56 47.36	161.01 11.89 10.84
RCPL_TRUST___DRP 24196	83.38 4.65 -8.09	56.05 3.22 -0.67	50.38 2.82 0.00	50.11 2.78 0.00	69.25 3.80 0.00	58.78 3.03 -5.72	90.29 4.37 -11.42	72.56 3.70 -6.73	57.52 3.45 0.00	66.67 3.89 0.00	138.75 9.39 0.00	149.73 10.31 0.00	144.90 10.47 0.00	144.26 10.08 0.00	136.08 9.82 0.00	131.91 9.45 0.00	138.68 9.70 0.00	155.47 10.99 0.00	271.92 18.25 0.00	153.98 10.93 0.00	147.25 10.55 0.00	158.61 11.26 0.00	156.10 11.05 0.00	171.37 11.40 0.00
RED___ROCHESTER 323720	67.89 -3.87 -1.13	49.24 -2.90 0.00	44.85 -2.72 0.00	44.67 -2.66 0.00	61.87 -3.58 0.00	47.44 -2.59 0.00	70.63 -3.87 0.00	58.93 -3.21 0.00	51.43 -2.64 0.00	59.92 -2.86 0.00	117.81 -8.24 3.31	130.40 -9.02 0.00	125.63 -8.81 0.00	125.96 -8.22 0.00	118.41 -7.85 0.00	114.85 -7.61 0.00	121.66 -7.32 0.00	136.48 -8.00 0.00	242.99 -10.69 0.00	136.00 -7.06 0.00	129.75 -6.96 0.00	137.62 -9.72 0.00	135.71 -9.33 0.00	150.47 -9.49 0.00
REGAN___SOLAR 323812	114.68 4.82 -39.23	63.00 3.51 -7.34	50.75 3.18 0.00	50.51 3.18 0.00	69.92 4.47 0.00	115.97 3.52 -62.43	204.56 5.46 -124.61	140.22 4.65 -73.43	58.01 3.94 0.00	66.99 4.21 0.00	137.97 8.61 0.00	148.68 9.26 0.00	142.96 8.52 0.00	143.01 8.82 0.00	135.01 8.75 0.00	131.15 8.69 0.00	138.94 9.97 0.00	156.49 12.01 0.00	275.76 22.08 0.00	155.15 12.10 0.00	148.00 11.30 0.00	158.84 11.50 0.00	156.19 11.15 0.00	171.72 11.76 0.00
RENSSELAER___COGEN 23796	96.99 3.18 -23.18	58.21 2.29 -3.77	49.60 2.03 0.00	49.33 2.00 0.00	68.19 2.75 0.00	84.17 2.09 -32.06	141.36 2.88 -63.98	102.01 2.17 -37.71	55.90 1.83 0.00	64.96 2.18 0.00	134.01 4.65 0.00	144.46 5.04 0.00	139.39 4.95 0.00	139.09 4.91 0.00	130.86 4.60 0.00	126.36 3.90 0.00	132.44 3.46 0.00	148.72 4.24 0.00	260.78 7.10 0.00	147.15 4.10 0.00	140.68 3.98 0.00	151.60 4.25 0.00	149.47 4.43 0.00	166.01 6.05 0.00
REPUBLIC_115KV_BARTNBRK 55605	120.30 10.21 -39.46	66.50 7.03 -7.33	54.09 6.52 0.00	53.93 6.60 0.00	74.56 9.12 0.00	119.74 7.41 -62.30	209.88 11.03 -124.36	144.67 9.25 -73.28	62.14 8.07 0.00	71.96 9.18 0.00	147.71 18.35 0.00	159.48 20.06 0.00	153.08 18.64 0.00	153.96 19.77 0.00	143.85 17.59 0.00	140.77 18.31 0.00	149.14 20.16 0.00	168.41 23.93 0.00	295.01 41.34 0.00	166.12 23.07 0.00	157.83 21.12 0.00	168.25 20.90 0.00	164.79 19.74 0.00	181.75 21.79 0.00
REVERE_CPDR_DRP 24186	72.69 2.06 0.00	53.62 1.47 0.00	48.96 1.39 0.00	48.72 1.39 0.00	67.44 1.99 0.00	51.71 1.69 0.00	77.23 2.73 0.00	64.57 2.44 0.00	56.34 2.33 0.06	65.75 2.97 0.00	134.48 6.05 0.93	144.84 6.26 0.84	138.67 5.90 1.66	139.71 6.42 0.89	131.66 6.06 0.66	126.61 5.50 1.36	135.54 6.55 0.00	150.99 6.92 0.41	266.31 12.91 0.28	149.73 7.26 0.59	142.99 6.28 0.00	152.92 5.75 0.18	150.35 5.31 0.00	165.42 5.46 0.00
REYNOLDS_115KV_TB3 80639	99.57 3.55 -25.38	58.97 2.57 -4.25	49.85 2.28 0.00	49.57 2.25 0.00	68.54 3.10 0.00	88.55 2.35 -36.17	149.97 3.27 -72.20	107.21 2.53 -42.55	56.23 2.16 0.00	65.32 2.55 0.00	134.87 5.51 0.00	145.38 5.96 0.00	140.29 5.86 0.00	140.02 5.84 0.00	131.79 5.53 0.00	127.56 5.10 0.00	133.61 4.63 0.00	150.01 5.53 0.00	263.08 9.40 0.00	148.42 5.37 0.00	141.92 5.21 0.00	152.95 5.60 0.00	150.67 5.62 0.00	166.93 6.97 0.00
RIVERBAY____ 323610	84.30 5.57 -8.10	56.71 3.89 -0.67	51.00 3.42 0.00	50.69 3.36 0.00	70.08 4.63 0.00	59.09 3.34 -5.72	90.87 4.94 -11.42	73.02 4.15 -6.73	58.03 3.97 0.00	67.07 4.30 0.00	139.56 10.19 0.00	149.90 10.48 0.00	145.26 10.82 0.00	144.59 10.41 0.00	136.48 10.21 0.00	132.17 9.71 0.00	139.03 10.06 0.00	155.82 11.33 0.00	272.81 19.13 0.00	154.55 11.50 0.00	147.68 10.97 0.00	159.31 11.96 0.00	156.65 11.60 0.00	172.04 12.07 0.00
RIVERSIDE_115KV_TB3 55908	99.70 3.45 -25.63	58.95 2.49 -4.31	49.77 2.20 0.00	49.51 2.18 0.00	68.44 2.99 0.00	88.92 2.28 -36.62	150.77 3.18 -73.09	107.67 2.47 -43.07	56.16 2.09 0.00	65.27 2.49 0.00	134.67 5.31 0.00	145.19 5.76 0.00	140.09 5.66 0.00	139.77 5.59 0.00	131.56 5.30 0.00	127.16 4.70 0.00	133.25 4.27 0.00	149.61 5.13 0.00	262.43 8.75 0.00	147.99 4.94 0.00	141.52 4.81 0.00	152.50 5.15 0.00	150.25 5.21 0.00	166.67 6.71 0.00
ROARING___BROOK_WT_PWR 323790	69.05 -1.58 0.00	51.03 -1.12 0.00	46.43 -1.14 0.00	46.08 -1.24 0.00	63.82 -1.62 0.00	48.71 -1.31 0.00	72.61 -1.88 0.00	60.51 -1.62 0.00	49.09 -1.51 3.47	60.96 -1.82 0.00	67.93 -3.44 57.98	83.01 -3.70 52.71	27.12 -3.60 103.71	75.24 -3.29 55.64	69.93 -3.44 52.89	34.52 -3.51 84.42	125.34 -3.63 0.00	114.65 -4.41 25.42	228.12 -8.08 17.47	101.96 -4.59 36.50	132.36 -4.34 0.01	132.16 -4.25 10.94	140.83 -4.22 0.00	155.41 -4.55 0.00

ROCHESRG_115KV_T4 355643	67.09 -4.66 -1.12	48.67 -3.48 0.00	44.32 -3.26 0.00	44.15 -3.18 0.00	61.13 -4.32 0.00	46.84 -3.18 0.00	69.67 -4.83 0.00	58.10 -4.03 0.00	50.69 -3.38 0.00	59.04 -3.74 0.00	116.05 -9.95 3.36	128.56 -10.87 0.00	123.85 -10.59 0.00	124.13 -10.05 0.00	116.71 -9.56 0.00	113.17 -9.29 0.00	119.79 -9.19 0.00	134.34 -10.14 0.00	239.08 -14.60 0.00	133.92 -9.14 0.00	127.78 -8.92 0.00	135.65 -11.70 0.00	133.89 -11.15 0.00	148.55 -11.41 0.00
ROCHESTER_9_IC 23652	67.50 -4.25 -1.13	48.96 -3.19 0.00	44.59 -2.98 0.00	44.42 -2.91 0.00	61.52 -3.93 0.00	47.15 -2.87 0.00	70.16 -4.33 0.00	58.53 -3.60 0.00	51.08 -2.98 0.00	59.52 -3.26 0.00	117.02 -9.04 3.31	129.54 -9.88 0.00	124.78 -9.66 0.00	125.12 -9.06 0.00	117.61 -8.65 0.00	114.04 -8.42 0.00	120.75 -8.23 0.00	135.49 -8.99 0.00	241.11 -12.57 0.00	135.02 -8.03 0.00	128.80 -7.90 0.00	136.68 -10.67 0.00	134.84 -10.21 0.00	149.54 -10.42 0.00
ROCKVIEW_13_KV_LD 356306	83.40 4.68 -8.10	56.09 3.26 -0.67	50.43 2.86 0.00	50.12 2.79 0.00	69.28 3.84 0.00	58.84 3.09 -5.72	90.41 4.49 -11.42	72.66 3.79 -6.73	57.58 3.51 0.00	66.78 4.00 0.00	138.80 9.44 0.00	149.80 10.37 0.00	144.87 10.44 0.00	144.28 10.09 0.00	136.09 9.83 0.00	131.95 9.49 0.00	138.86 9.88 0.00	155.72 11.23 0.00	272.51 18.83 0.00	154.27 11.21 0.00	147.51 10.80 0.00	158.84 11.50 0.00	156.31 11.26 0.00	171.63 11.67 0.00
ROME____115KV_TB2 80656	72.69 2.06 0.00	53.62 1.47 0.00	48.96 1.39 0.00	48.72 1.39 0.00	67.44 1.99 0.00	51.71 1.69 0.00	77.23 2.73 0.00	64.57 2.44 0.00	56.34 2.33 0.06	65.75 2.97 0.00	134.48 6.05 0.93	144.84 6.26 0.84	138.67 5.90 1.66	139.71 6.42 0.89	131.66 6.06 0.66	126.61 5.50 1.36	135.54 6.55 0.00	150.99 6.92 0.41	266.31 12.91 0.28	149.73 7.26 0.59	142.99 6.28 0.00	152.92 5.75 0.18	150.35 5.31 0.00	165.42 5.46 0.00
ROSETON___1 23587	82.48 3.85 -8.00	55.49 2.69 -0.65	49.90 2.33 0.00	49.64 2.31 0.00	68.60 3.15 0.00	58.10 2.52 -5.56	89.24 3.66 -11.09	71.73 3.06 -6.53	56.92 2.86 0.00	66.02 3.25 0.00	136.88 7.52 0.00	147.60 8.17 0.00	142.61 8.18 0.00	142.12 7.94 0.00	133.98 7.72 0.00	129.96 7.50 0.00	136.66 7.68 0.00	153.33 8.85 0.00	268.52 14.85 0.00	151.96 8.91 0.00	145.21 8.50 0.00	156.40 9.05 0.00	153.86 8.82 0.00	169.18 9.22 0.00
ROSETON___2 23588	82.48 3.85 -8.00	55.49 2.69 -0.65	49.90 2.33 0.00	49.64 2.31 0.00	68.60 3.15 0.00	58.10 2.52 -5.56	89.24 3.66 -11.09	71.73 3.06 -6.53	56.92 2.86 0.00	66.02 3.25 0.00	136.88 7.52 0.00	147.60 8.17 0.00	142.61 8.18 0.00	142.12 7.94 0.00	133.98 7.72 0.00	129.96 7.50 0.00	136.66 7.68 0.00	153.33 8.85 0.00	268.52 14.85 0.00	151.96 8.91 0.00	145.21 8.50 0.00	156.40 9.05 0.00	153.86 8.82 0.00	169.18 9.22 0.00
ROTRRDAM_115KV_TB3 80664	116.43 3.02 -42.78	62.37 2.16 -8.05	49.48 1.91 0.00	49.26 1.93 0.00	68.10 2.66 0.00	120.54 2.05 -68.46	214.20 3.04 -136.66	145.16 2.50 -80.53	56.31 2.24 0.00	65.32 2.55 0.00	134.82 5.46 0.00	145.30 5.88 0.00	140.13 5.69 0.00	139.89 5.72 0.00	131.71 5.45 0.00	127.84 5.38 0.00	134.53 5.55 0.00	150.97 6.49 0.00	265.02 11.34 0.00	149.48 6.43 0.00	142.81 6.10 0.00	153.73 6.38 0.00	151.17 6.13 0.00	166.69 6.73 0.00
RUSSELL___1 23602	67.88 -3.88 -1.13	49.24 -2.91 0.00	44.84 -2.74 0.00	44.67 -2.66 0.00	61.87 -3.58 0.00	47.42 -2.61 0.00	70.61 -3.89 0.00	58.92 -3.22 0.00	51.42 -2.64 0.00	59.92 -2.86 0.00	117.83 -8.22 3.31	130.43 -8.99 0.00	125.64 -8.79 0.00	125.98 -8.20 0.00	118.45 -7.81 0.00	114.88 -7.58 0.00	121.62 -7.36 0.00	136.49 -7.99 0.00	242.94 -10.73 0.00	136.01 -7.03 0.00	129.75 -6.96 0.00	137.60 -9.75 0.00	135.70 -9.35 0.00	150.45 -9.51 0.00
RUSSELL___2 23532	67.88 -3.88 -1.13	49.24 -2.91 0.00	44.84 -2.74 0.00	44.67 -2.66 0.00	61.87 -3.58 0.00	47.42 -2.61 0.00	70.61 -3.89 0.00	58.92 -3.22 0.00	51.42 -2.64 0.00	59.92 -2.86 0.00	117.83 -8.22 3.31	130.43 -8.99 0.00	125.64 -8.79 0.00	125.98 -8.20 0.00	118.45 -7.81 0.00	114.88 -7.58 0.00	121.62 -7.36 0.00	136.49 -7.99 0.00	242.94 -10.73 0.00	136.01 -7.03 0.00	129.75 -6.96 0.00	137.60 -9.75 0.00	135.70 -9.35 0.00	150.45 -9.51 0.00
RUSSELL___3 23549	67.88 -3.88 -1.13	49.24 -2.91 0.00	44.84 -2.74 0.00	44.67 -2.66 0.00	61.87 -3.58 0.00	47.42 -2.61 0.00	70.61 -3.89 0.00	58.92 -3.22 0.00	51.42 -2.64 0.00	59.92 -2.86 0.00	117.83 -8.22 3.31	130.43 -8.99 0.00	125.64 -8.79 0.00	125.98 -8.20 0.00	118.45 -7.81 0.00	114.88 -7.58 0.00	121.62 -7.36 0.00	136.49 -7.99 0.00	242.94 -10.73 0.00	136.01 -7.03 0.00	129.75 -6.96 0.00	137.60 -9.75 0.00	135.70 -9.35 0.00	150.45 -9.51 0.00
RUSSELL___4 23556	67.88 -3.88 -1.13	49.24 -2.91 0.00	44.84 -2.74 0.00	44.67 -2.66 0.00	61.87 -3.58 0.00	47.42 -2.61 0.00	70.61 -3.89 0.00	58.92 -3.22 0.00	51.42 -2.64 0.00	59.92 -2.86 0.00	117.83 -8.22 3.31	130.43 -8.99 0.00	125.64 -8.79 0.00	125.98 -8.20 0.00	118.45 -7.81 0.00	114.88 -7.58 0.00	121.62 -7.36 0.00	136.49 -7.99 0.00	242.94 -10.73 0.00	136.01 -7.03 0.00	129.75 -6.96 0.00	137.60 -9.75 0.00	135.70 -9.35 0.00	150.45 -9.51 0.00
RUSSELL___STATION 23914	67.88 -3.88 -1.13	49.24 -2.91 0.00	44.84 -2.74 0.00	44.67 -2.66 0.00	61.87 -3.58 0.00	47.42 -2.61 0.00	70.61 -3.89 0.00	58.92 -3.22 0.00	51.42 -2.64 0.00	59.92 -2.86 0.00	117.83 -8.22 3.31	130.43 -8.99 0.00	125.64 -8.79 0.00	125.98 -8.20 0.00	118.45 -7.81 0.00	114.88 -7.58 0.00	121.62 -7.36 0.00	136.49 -7.99 0.00	242.94 -10.73 0.00	136.01 -7.03 0.00	129.75 -6.96 0.00	137.60 -9.75 0.00	135.70 -9.35 0.00	150.45 -9.51 0.00
S SALMON___HYD 24043	69.66 -0.96 0.00	51.31 -0.83 0.00	46.87 -0.69 0.00	46.61 -0.72 0.00	64.37 -1.08 0.00	49.28 -0.75 0.00	73.44 -1.06 0.00	61.44 -0.70 0.00	53.50 -0.40 0.17	62.42 -0.36 0.00	125.44 -1.10 2.82	135.13 -1.73 2.57	127.28 -2.10 5.05	129.97 -1.51 2.71	122.48 -1.32 2.45	116.78 -1.56 4.11	128.08 -0.89 0.00	142.80 -0.45 1.24	253.92 1.09 0.85	141.78 0.51 1.78	136.50 -0.21 0.00	145.37 -1.44 0.53	143.77 -1.28 0.00	158.33 -1.63 0.00
S.PERRY___115KV_TB1 80734	70.27 -1.91 -1.55	50.45 -1.70 0.00	45.80 -1.77 0.00	45.69 -1.64 0.00	63.41 -2.03 0.00	48.60 -1.43 0.00	72.50 -1.99 0.00	60.64 -1.49 0.00	53.00 -1.07 0.00	61.64 -1.13 0.00	117.67 -5.89 5.80	134.00 -5.42 0.00	128.66 -5.78 0.00	128.86 -5.32 0.00	121.20 -5.06 0.00	118.31 -4.15 0.00	126.17 -2.81 0.00	142.80 -1.68 0.00	255.13 1.45 0.00	142.82 -0.23 0.00	135.40 -1.31 0.00	143.80 -3.55 0.00	141.85 -3.20 0.00	156.86 -3.10 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	65.32 -6.75 -1.44	47.07 -5.08 0.00	42.71 -4.86 0.00	42.58 -4.75 0.00	59.10 -6.35 0.00	45.29 -4.74 0.00	67.13 -7.37 0.00	55.87 -6.27 0.00	48.77 -5.30 0.00	56.91 -5.87 0.00	107.59 -15.53 6.23	122.70 -16.72 0.00	118.27 -16.17 0.00	118.94 -15.24 0.00	111.74 -14.52 0.00	108.20 -14.26 0.00	114.78 -14.20 0.00	128.40 -16.08 0.00	230.00 -23.68 0.00	128.47 -14.58 0.00	122.67 -14.03 0.00	129.32 -18.02 0.00	128.29 -16.75 0.00	143.18 -16.78 0.00

SAWYER___23_KV_LOAD 55526	65.32 -6.75 -1.44	47.07 -5.08 0.00	42.71 -4.86 0.00	42.58 -4.75 0.00	59.10 -6.35 0.00	45.29 -4.74 0.00	67.13 -7.37 0.00	55.87 -6.27 0.00	48.77 -5.30 0.00	56.91 -5.87 0.00	107.59 -15.53 6.23	122.70 -16.72 0.00	118.27 -15.24 0.00	118.94 -14.52 0.00	111.74 -14.26 0.00	108.20 -14.20 0.00	114.78 -16.08 0.00	128.40 -23.68 0.00	230.00 -14.58 0.00	128.47 -14.03 0.00	122.67 -14.03 0.00	129.32 -18.02 0.00	128.29 -16.75 0.00	143.18 -16.78 0.00
SELKIRK___I 23801	91.94 3.21 -18.11	57.14 2.33 -2.67	49.62 2.05 0.00	49.37 2.04 0.00	68.26 2.82 0.00	74.83 2.12 -22.68	122.78 3.00 -45.28	91.16 2.35 -26.68	56.06 1.99 0.00	65.07 2.29 0.00	134.22 4.86 0.00	144.56 5.13 0.00	139.37 4.93 0.00	139.21 5.03 0.00	131.03 4.77 0.00	126.65 4.19 0.00	133.18 4.20 0.00	149.64 5.16 0.00	262.43 8.75 0.00	148.10 5.05 0.00	141.56 4.85 0.00	152.51 5.16 0.00	150.18 5.13 0.00	166.40 6.43 0.00
SELKIRK___II 23799	92.74 2.98 -19.13	57.16 2.13 -2.88	49.47 1.89 0.00	49.19 1.86 0.00	68.01 2.56 0.00	76.47 1.94 -24.50	126.12 2.73 -48.90	93.06 2.11 -28.81	55.90 1.83 0.00	64.94 2.17 0.00	134.00 4.64 0.00	144.44 5.02 0.00	139.35 4.91 0.00	139.07 4.88 0.00	130.89 4.63 0.00	126.60 4.14 0.00	132.89 3.91 0.00	149.14 4.66 0.00	261.53 7.86 0.00	147.65 4.60 0.00	141.14 4.44 0.00	152.08 4.74 0.00	149.82 4.77 0.00	165.91 5.95 0.00
SENECA OSWGO___HYD 24041	69.72 -0.91 0.00	51.39 -0.76 0.00	46.93 -0.64 0.00	46.71 -0.62 0.00	64.47 -0.98 0.00	49.39 -0.63 0.00	73.66 -0.84 0.00	61.56 -0.57 0.00	53.67 -0.33 0.07	62.52 -0.26 0.00	127.03 -1.19 1.13	136.94 -1.45 1.03	130.74 -1.67 2.03	131.85 -1.24 1.09	124.15 -1.13 0.98	119.59 -1.22 1.65	128.25 -0.73 0.00	143.67 -0.32 0.50	254.22 0.88 0.34	142.50 0.16 0.71	136.42 -0.29 0.00	145.65 -1.48 0.21	143.44 -1.60 0.00	158.14 -1.83 0.00
SENECA___115KV_TB3 355854	66.50 -5.62 -1.50	47.82 -4.32 0.00	43.38 -4.19 0.00	43.28 -4.05 0.00	60.07 -5.38 0.00	46.06 -3.97 0.00	68.29 -6.21 0.00	56.89 -5.24 0.00	49.66 -4.41 0.00	57.94 -4.83 0.00	109.35 -13.34 6.67	125.43 -13.99 0.00	120.89 -13.54 0.00	121.58 -12.60 0.00	114.29 -11.97 0.00	110.62 -11.84 0.00	117.30 -11.69 0.00	131.29 -13.19 0.00	234.85 -18.83 0.00	131.35 -11.70 0.00	125.38 -11.33 0.00	132.20 -15.15 0.00	131.09 -13.95 0.00	146.14 -13.82 0.00
SENECA___ENERGY 23797	69.60 -2.22 -1.19	50.41 -1.74 0.00	46.06 -1.52 0.00	45.89 -1.44 0.00	63.31 -2.14 0.00	48.53 -1.49 0.00	72.22 -2.28 0.00	60.40 -1.74 0.00	52.68 -1.39 0.00	61.26 -1.52 0.00	123.35 -4.97 1.03	133.91 -5.51 0.00	128.88 -5.56 0.00	128.73 -5.45 0.00	121.26 -5.00 0.00	117.71 -4.75 0.00	124.99 -3.99 0.00	140.39 -4.09 0.00	248.56 -5.12 0.00	139.91 -3.14 0.00	133.07 -3.64 0.00	142.05 -5.29 0.00	139.77 -5.28 0.00	154.17 -5.79 0.00
SHOEMAKER___GT 23640	81.39 3.37 -7.39	55.10 2.34 -0.61	49.60 2.04 0.00	49.34 2.01 0.00	68.18 2.74 0.00	57.43 2.20 -5.20	88.11 3.23 -10.38	70.99 2.73 -6.12	56.62 2.56 0.00	65.67 2.89 0.00	135.96 6.60 0.00	146.59 7.16 0.00	141.48 7.04 0.00	140.91 6.73 0.00	132.79 6.53 0.00	128.82 6.36 0.00	135.65 6.67 0.00	152.28 7.79 0.00	266.84 13.16 0.00	151.02 7.97 0.00	144.32 7.62 0.00	155.40 8.05 0.00	152.83 7.79 0.00	168.13 8.17 0.00
SHOEMAKR_138KV_BK 111 55601	81.30 3.33 -7.34	55.08 2.32 -0.61	49.59 2.02 0.00	49.32 1.99 0.00	68.15 2.71 0.00	57.37 2.18 -5.17	87.99 3.18 -10.31	70.91 2.70 -6.08	56.59 2.52 0.00	65.62 2.84 0.00	135.86 6.50 0.00	146.52 7.10 0.00	141.44 7.00 0.00	140.90 6.72 0.00	132.77 6.50 0.00	128.76 6.30 0.00	135.59 6.61 0.00	152.22 7.74 0.00	266.74 13.06 0.00	150.89 7.84 0.00	144.24 7.53 0.00	155.29 7.94 0.00	152.78 7.73 0.00	168.01 8.05 0.00
SHOREHAM_IC_1 23715	85.50 6.78 -8.09	57.50 4.68 -0.67	51.69 4.12 0.00	51.41 4.08 0.00	71.20 5.75 0.00	60.29 4.54 -5.72	92.40 6.49 -11.42	74.37 5.50 -6.73	58.84 4.77 0.00	68.30 5.52 0.00	141.35 11.99 0.00	152.52 13.09 0.00	147.14 12.71 0.00	145.42 11.24 0.00	137.47 11.21 0.00	144.15 11.68 -10.02	151.31 13.00 -9.33	174.93 15.31 -15.14	289.37 23.27 -12.42	261.06 15.03 -102.98	205.10 14.80 -53.59	266.09 15.39 -103.35	222.06 15.02 -61.99	173.34 13.38 0.00
SHOREHAM_IC_2 23716	85.50 6.78 -8.09	57.50 4.68 -0.67	51.69 4.12 0.00	51.41 4.08 0.00	71.20 5.75 0.00	60.29 4.54 -5.72	92.40 6.49 -11.42	74.37 5.50 -6.73	58.84 4.77 0.00	68.30 5.52 0.00	141.35 11.99 0.00	152.52 13.09 0.00	147.14 12.71 0.00	145.42 11.24 0.00	137.47 11.21 0.00	144.15 11.68 -10.02	151.31 13.00 -9.33	174.93 15.31 -15.14	289.37 23.27 -12.42	261.06 15.03 -102.98	205.10 14.80 -53.59	266.09 15.39 -103.35	222.06 15.02 -61.99	173.34 13.38 0.00
SISSONVILLE____ 23735	70.03 -0.60 0.00	51.62 -0.53 0.00	47.04 -0.53 0.00	46.76 -0.57 0.00	64.76 -0.68 0.00	49.53 -0.49 0.00	73.97 -0.52 0.00	61.86 -0.28 0.00	52.03 -0.43 1.61	62.22 -0.55 0.00	101.11 -1.38 26.88	113.09 -1.90 24.43	84.30 -2.07 48.07	105.78 -2.61 25.79	97.99 -3.36 24.91	79.74 -3.59 39.13	125.23 -3.74 0.00	128.29 -4.41 11.78	237.28 -8.31 8.10	121.83 -4.30 16.92	132.57 -4.14 0.01	139.03 -3.25 5.07	142.42 -2.62 0.00	158.05 -1.91 0.00
SITHE_IND_GS1 24169	67.43 -3.20 0.00	49.77 -2.38 0.00	45.51 -2.05 0.00	45.31 -2.02 0.00	62.43 -3.02 0.00	47.76 -2.26 0.00	71.08 -3.41 0.00	59.29 -2.85 0.00	51.67 -2.40 0.00	60.03 -2.75 0.00	123.19 -6.18 0.00	132.72 -6.70 0.00	127.89 -6.55 0.00	127.79 -6.39 0.00	120.29 -5.98 0.00	116.63 -5.83 0.00	123.11 -5.87 0.00	138.08 -6.40 0.00	243.15 -10.52 0.00	137.00 -6.05 0.00	130.76 -5.95 0.00	140.28 -7.07 0.00	138.09 -6.96 0.00	152.37 -7.59 0.00
SITHE_IND_GS2 24170	67.43 -3.20 0.00	49.77 -2.38 0.00	45.51 -2.05 0.00	45.31 -2.02 0.00	62.43 -3.02 0.00	47.76 -2.26 0.00	71.08 -3.41 0.00	59.29 -2.85 0.00	51.67 -2.40 0.00	60.03 -2.75 0.00	123.19 -6.18 0.00	132.72 -6.70 0.00	127.89 -6.55 0.00	127.79 -6.39 0.00	120.29 -5.98 0.00	116.63 -5.83 0.00	123.11 -5.87 0.00	138.08 -6.40 0.00	243.15 -10.52 0.00	137.00 -6.05 0.00	130.76 -5.95 0.00	140.28 -7.07 0.00	138.09 -6.96 0.00	152.37 -7.59 0.00
SITHE_IND_GS3 24171	67.43 -3.20 0.00	49.77 -2.38 0.00	45.51 -2.05 0.00	45.31 -2.02 0.00	62.43 -3.02 0.00	47.76 -2.26 0.00	71.08 -3.41 0.00	59.29 -2.85 0.00	51.67 -2.40 0.00	60.03 -2.75 0.00	123.19 -6.18 0.00	132.72 -6.70 0.00	127.89 -6.55 0.00	127.79 -6.39 0.00	120.29 -5.98 0.00	116.63 -5.83 0.00	123.11 -5.87 0.00	138.08 -6.40 0.00	243.15 -10.52 0.00	137.00 -6.05 0.00	130.76 -5.95 0.00	140.28 -7.07 0.00	138.09 -6.96 0.00	152.37 -7.59 0.00
SITHE_IND_GS4 24172	67.43 -3.20 0.00	49.77 -2.38 0.00	45.51 -2.05 0.00	45.31 -2.02 0.00	62.43 -3.02 0.00	47.76 -2.26 0.00	71.08 -3.41 0.00	59.29 -2.85 0.00	51.67 -2.40 0.00	60.03 -2.75 0.00	123.19 -6.18 0.00	132.72 -6.70 0.00	127.89 -6.55 0.00	127.79 -6.39 0.00	120.29 -5.98 0.00	116.63 -5.83 0.00	123.11 -5.87 0.00	138.08 -6.40 0.00	243.15 -10.52 0.00	137.00 -6.05 0.00	130.76 -5.95 0.00	140.28 -7.07 0.00	138.09 -6.96 0.00	152.37 -7.59 0.00

SITHE___BATAVIA 24024	67.36 -4.55 -1.28	48.79 -3.36 0.00	44.35 -3.22 0.00	44.19 -3.14 0.00	61.34 -4.11 0.00	47.10 -2.93 0.00	70.12 -4.38 0.00	58.38 -3.76 0.00	50.99 -3.08 0.00	59.41 -3.37 0.00	114.50 -10.16 4.71	127.71 -11.71 0.00	123.11 -11.33 0.00	123.73 -10.45 0.00	116.42 -9.84 0.00	112.93 -9.53 0.00	119.88 -9.09 0.00	134.68 -9.80 0.00	241.29 -12.39 0.00	134.60 -8.45 0.00	128.45 -8.26 0.00	135.46 -11.89 0.00	133.95 -11.10 0.00	148.97 -10.99 0.00
SITHE___INDEPEND 23800	67.42 -3.21 0.00	49.77 -2.38 0.00	45.50 -2.06 0.00	45.31 -2.02 0.00	62.43 -3.02 0.00	47.76 -2.27 0.00	71.08 -3.41 0.00	59.28 -2.85 0.00	51.67 -2.40 0.00	60.02 -2.76 0.00	123.18 -6.18 0.00	132.72 -6.70 0.00	127.88 -6.55 0.00	127.80 -6.38 0.00	120.30 -5.97 0.00	116.65 -5.81 0.00	123.10 -5.88 0.00	138.07 -6.41 0.00	243.16 -10.52 0.00	136.99 -6.06 0.00	130.76 -5.95 0.00	140.26 -7.09 0.00	138.08 -6.96 0.00	152.36 -7.61 0.00
SITHE___MASSENA 23902	70.04 -0.59 0.00	51.73 -0.42 0.00	47.13 -0.44 0.00	46.88 -0.46 0.00	64.99 -0.46 0.00	49.65 -0.38 0.00	74.05 -0.45 0.00	61.85 -0.29 0.00	51.69 -0.44 1.94	62.23 -0.55 0.00	95.62 -1.24 32.50	108.47 -1.42 29.54	74.80 -1.52 58.12	101.28 -1.72 31.18	94.54 -1.88 29.84	73.44 -1.71 47.31	127.21 -1.76 0.00	127.99 -2.25 14.25	239.07 -4.81 9.79	120.11 -2.48 20.46	134.52 -2.18 0.01	139.76 -1.45 6.14	143.82 -1.22 0.00	158.92 -1.04 0.00
SITHE___OGDNSBRG 24021	71.14 0.51 0.00	52.50 0.36 0.00	47.85 0.28 0.00	47.55 0.23 0.00	65.97 0.52 0.00	50.47 0.45 0.00	75.39 0.90 0.00	63.04 0.90 0.00	52.88 0.55 1.74	63.11 0.33 0.00	100.17 -0.13 29.06	112.49 -0.52 26.41	81.66 -0.80 51.97	105.05 -1.25 27.88	97.86 -1.57 26.83	78.89 -1.27 42.31	127.86 -1.11 0.00	131.10 -0.64 12.74	243.40 -1.52 8.75	124.17 -0.58 18.29	136.22 -0.48 0.01	142.33 0.47 5.49	145.79 0.75 0.00	161.20 1.23 0.00
SITHE___STERLING 23777	72.06 1.44 0.00	53.18 1.03 0.00	48.59 1.01 0.00	48.37 1.04 0.00	66.94 1.49 0.00	51.28 1.25 0.00	76.58 2.09 0.00	64.00 1.86 0.00	55.83 1.76 0.00	64.97 2.19 0.00	133.64 4.28 0.00	143.93 4.51 0.00	138.67 4.24 0.00	138.70 4.52 0.00	130.55 4.29 0.00	126.45 3.99 0.00	133.57 4.59 0.00	149.37 4.89 0.00	262.77 9.08 0.00	148.11 5.06 0.00	141.10 4.39 0.00	151.25 3.90 0.00	148.59 3.55 0.00	163.69 3.72 0.00
SLEIGHT__34_KV_TB1 80719	68.51 -3.22 -1.10	49.68 -2.47 0.00	45.32 -2.25 0.00	45.14 -2.18 0.00	62.45 -3.00 0.00	47.87 -2.15 0.00	71.24 -3.25 0.00	59.49 -2.65 0.00	51.92 -2.15 0.00	60.42 -2.35 0.00	120.94 -6.63 1.79	132.10 -7.32 0.00	127.18 -7.26 0.00	127.38 -6.80 0.00	119.74 -6.53 0.00	116.16 -6.30 0.00	123.07 -5.91 0.00	138.26 -6.22 0.00	245.49 -8.19 0.00	137.68 -5.37 0.00	131.12 -5.58 0.00	139.54 -7.81 0.00	137.40 -7.64 0.00	151.95 -8.02 0.00
SOUTH CAIRO___GT 23612	94.50 6.33 -17.54	59.36 4.63 -2.58	51.75 4.18 0.00	51.52 4.19 0.00	71.28 5.84 0.00	76.47 4.49 -21.95	125.00 6.69 -43.82	93.42 5.46 -25.82	58.94 4.87 0.00	68.40 5.62 0.00	140.83 11.47 0.00	151.62 12.20 0.00	145.59 11.15 0.00	145.22 11.03 0.00	136.49 10.22 0.00	131.94 9.48 0.00	139.18 10.20 0.00	157.56 13.08 0.00	277.33 23.65 0.00	156.17 13.12 0.00	148.92 12.21 0.00	160.03 12.68 0.00	157.32 12.27 0.00	174.59 14.63 0.00
SOUTH HAMPTN___IC 23720	86.24 7.51 -8.09	58.04 5.22 -0.67	52.18 4.62 0.00	51.93 4.60 0.00	71.94 6.49 0.00	60.87 5.12 -5.72	93.34 7.42 -11.42	75.18 6.31 -6.73	59.51 5.44 0.00	69.04 6.26 0.00	142.76 13.40 0.00	153.99 14.56 0.00	148.34 13.91 0.00	145.55 11.37 0.00	137.23 10.97 0.00	143.98 11.50 -10.02	151.25 12.94 -9.33	174.68 15.25 -14.95	288.33 22.39 -12.27	259.95 15.18 -101.72	204.64 14.76 -53.17	264.68 15.25 -102.08	221.30 15.02 -61.23	173.33 13.37 0.00
SOUTHDOW_115KV_TB1 355954	68.28 -4.12 -1.78	49.06 -3.26 -0.17	44.45 -3.12 0.00	44.35 -2.98 0.00	61.56 -3.88 0.00	48.80 -2.67 -1.45	73.18 -4.20 -2.89	60.46 -3.38 -1.70	51.47 -2.60 0.00	60.03 -2.75 0.00	113.30 -8.76 7.30	130.59 -8.83 0.00	125.81 -8.62 0.00	126.47 -7.71 0.00	118.82 -7.44 0.00	114.80 -7.66 0.00	121.64 -7.34 0.00	136.52 -7.96 0.00	243.19 -10.49 0.00	136.41 -6.65 0.00	130.08 -6.62 0.00	137.33 -10.01 0.00	136.11 -8.93 0.00	151.31 -8.66 0.00
SOUTHOLD_69_KV_BK 2 55809	87.36 8.63 -8.09	58.87 6.04 -0.67	52.96 5.39 0.00	52.69 5.36 0.00	73.05 7.61 0.00	61.78 6.03 -5.72	94.79 8.87 -11.42	76.40 7.53 -6.73	60.53 6.46 0.00	70.16 7.39 0.00	144.89 15.53 0.00	156.24 16.82 0.00	150.04 15.60 0.00	145.12 10.94 0.00	136.01 9.75 0.00	142.95 10.47 -10.02	150.43 12.12 -9.33	173.61 14.19 -14.94	281.91 15.97 -12.26	259.49 14.76 -101.68	204.05 14.18 -53.16	263.48 14.10 -102.04	220.49 14.24 -61.21	172.50 12.53 0.00
SOUTHOLD___IC 23719	87.35 8.63 -8.09	58.86 6.04 -0.67	52.95 5.38 0.00	52.69 5.36 0.00	73.05 7.60 0.00	61.77 6.02 -5.72	94.77 8.85 -11.42	76.40 7.53 -6.73	60.52 6.45 0.00	70.16 7.39 0.00	144.90 15.54 0.00	156.24 16.81 0.00	150.05 15.61 0.00	145.13 10.95 0.00	136.04 9.77 0.00	142.95 10.48 -10.02	150.43 12.12 -9.33	173.60 14.17 -14.94	281.91 15.97 -12.26	259.46 14.73 -101.68	204.03 14.16 -53.16	263.47 14.09 -102.04	220.49 14.24 -61.21	172.49 12.52 0.00
SOUTH_FORK_WT_PWR 323839	87.52 8.80 -8.09	58.99 6.17 -0.67	53.07 5.50 0.00	52.82 5.49 0.00	73.24 7.79 0.00	61.90 6.15 -5.72	94.97 9.05 -11.42	76.57 7.70 -6.73	60.65 6.58 0.00	70.30 7.52 0.00	145.18 15.82 0.00	156.54 17.12 0.00	149.98 15.54 0.00	143.59 9.41 0.00	134.03 7.76 0.00	141.00 8.53 -10.02	148.39 10.08 -9.33	171.54 12.11 -14.95	280.03 14.09 -12.26	257.31 12.55 -101.70	201.84 11.97 -53.17	261.18 11.77 -102.06	218.26 11.99 -61.22	170.06 10.09 0.00
SPIERFLS_115KV_TB 1 80737	116.98 6.55 -39.80	64.21 4.66 -7.40	51.77 4.20 0.00	51.56 4.23 0.00	71.30 5.86 0.00	117.62 4.66 -62.93	207.16 7.03 -125.62	142.07 5.90 -74.03	59.27 5.20 0.00	68.76 5.98 0.00	141.75 12.39 0.00	152.55 13.13 0.00	146.89 12.46 0.00	146.83 12.65 0.00	137.93 11.67 0.00	134.05 11.59 0.00	141.40 12.42 0.00	159.14 14.66 0.00	279.32 25.64 0.00	157.30 14.25 0.00	149.96 13.26 0.00	161.10 13.76 0.00	158.07 13.02 0.00	174.54 14.57 0.00
ST LAWRENCE____ 23600	69.36 -1.27 0.00	51.24 -0.91 0.00	46.70 -0.87 0.00	46.45 -0.88 0.00	64.38 -1.07 0.00	49.17 -0.86 0.00	73.30 -1.20 0.00	61.21 -0.93 0.00	51.07 -0.97 2.03	61.63 -1.14 0.00	93.22 -2.32 33.83	106.14 -2.54 30.75	71.44 -2.52 60.48	99.01 -2.72 32.45	92.58 -2.69 31.00	70.78 -2.44 49.24	126.40 -2.58 0.00	126.46 -3.20 14.82	237.63 -5.86 10.19	118.32 -3.45 21.28	133.61 -3.09 0.01	138.45 -2.51 6.38	142.71 -2.34 0.00	157.45 -2.52 0.00
STATE_CA_115KV_115_LB 55624	102.24 3.55 -28.05	59.53 2.55 -4.84	49.82 2.25 0.00	49.56 2.23 0.00	68.51 3.06 0.00	93.49 2.34 -41.12	159.87 3.31 -82.07	113.09 2.60 -48.36	56.29 2.22 0.00	65.45 2.67 0.00	134.99 5.63 0.00	145.50 6.08 0.00	140.38 5.95 0.00	140.07 5.89 0.00	131.85 5.58 0.00	127.33 4.87 0.00	133.51 4.53 0.00	149.90 5.42 0.00	262.98 9.31 0.00	148.32 5.27 0.00	141.80 5.09 0.00	152.67 5.32 0.00	150.49 5.45 0.00	166.91 6.95 0.00

STATE_ST_34_KV_LOAD 55959	70.94 -0.87 -1.18	51.41 -0.74 0.00	46.98 -0.58 0.00	46.80 -0.52 0.00	64.54 -0.91 0.00	49.47 -0.56 0.00	73.46 -1.04 0.00	61.35 -0.79 0.00	53.54 -0.53 0.00	62.18 -0.60 0.00	128.93 -2.44 -2.02	136.48 -2.94 0.00	131.32 -3.11 0.00	131.18 -3.00 0.00	123.60 -2.66 0.00	119.95 -2.51 0.00	127.51 -1.47 0.00	143.04 -1.44 0.00	253.59 -0.09 0.00	142.82 -0.23 0.00	135.62 -1.09 0.00	145.05 -2.29 0.00	142.56 -2.48 0.00	157.17 -2.79 0.00
STATION 5_MISC_HYD 23604	67.51 -4.25 -1.13	48.96 -3.18 0.00	44.60 -2.97 0.00	44.42 -2.91 0.00	61.52 -3.93 0.00	47.16 -2.87 0.00	70.18 -4.31 0.00	58.54 -3.60 0.00	51.08 -2.99 0.00	59.52 -3.26 0.00	116.99 -9.06 3.31	129.52 -9.90 0.00	124.79 -9.64 0.00	125.12 -9.06 0.00	117.61 -8.66 0.00	114.02 -8.44 0.00	120.80 -8.18 0.00	135.46 -9.02 0.00	241.18 -12.50 0.00	134.99 -8.06 0.00	128.80 -7.90 0.00	136.72 -10.63 0.00	134.85 -10.19 0.00	149.54 -10.43 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	69.09 -2.67 -1.13	50.10 -2.05 0.00	45.70 -1.87 0.00	45.55 -1.78 0.00	62.97 -2.48 0.00	48.30 -1.72 0.00	71.94 -2.56 0.00	60.13 -2.00 0.00	52.48 -1.59 0.00	61.06 -1.71 0.00	120.40 -5.67 3.29	133.24 -6.18 0.00	128.26 -6.17 0.00	128.43 -5.75 0.00	120.77 -5.49 0.00	117.28 -5.18 0.00	124.32 -4.65 0.00	139.68 -4.80 0.00	247.95 -5.73 0.00	139.05 -4.00 0.00	132.45 -4.26 0.00	140.90 -6.45 0.00	138.75 -6.29 0.00	153.40 -6.56 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	67.32 -4.43 -1.12	48.83 -3.32 0.00	44.47 -3.10 0.00	44.30 -3.03 0.00	61.34 -4.11 0.00	47.01 -3.02 0.00	69.97 -4.52 0.00	58.39 -3.74 0.00	50.95 -3.12 0.00	59.36 -3.42 0.00	116.91 -9.21 3.24	129.35 -10.08 0.00	124.61 -9.83 0.00	124.90 -9.28 0.00	117.41 -8.85 0.00	113.87 -8.59 0.00	120.54 -8.44 0.00	135.21 -9.27 0.00	240.61 -13.07 0.00	134.78 -8.28 0.00	128.55 -8.16 0.00	136.46 -10.88 0.00	134.58 -10.46 0.00	149.19 -10.77 0.00
STA_56___34_KV_BUS2 355983	67.32 -4.43 -1.12	48.83 -3.32 0.00	44.47 -3.10 0.00	44.30 -3.03 0.00	61.34 -4.11 0.00	47.01 -3.02 0.00	69.97 -4.52 0.00	58.39 -3.74 0.00	50.95 -3.12 0.00	59.36 -3.42 0.00	116.91 -9.21 3.24	129.35 -10.08 0.00	124.61 -9.83 0.00	124.90 -9.28 0.00	117.41 -8.85 0.00	113.87 -8.59 0.00	120.54 -8.44 0.00	135.21 -9.27 0.00	240.61 -13.07 0.00	134.78 -8.28 0.00	128.55 -8.16 0.00	136.46 -10.88 0.00	134.58 -10.46 0.00	149.19 -10.77 0.00
STA_67___115KV_BK2 355882	67.33 -4.42 -1.13	48.84 -3.31 0.00	44.47 -3.09 0.00	44.31 -3.02 0.00	61.36 -4.09 0.00	47.02 -3.00 0.00	69.97 -4.53 0.00	58.38 -3.76 0.00	50.93 -3.14 0.00	59.33 -3.45 0.00	116.67 -9.39 3.30	129.15 -10.27 0.00	124.41 -10.03 0.00	124.72 -9.46 0.00	117.24 -9.02 0.00	113.67 -8.79 0.00	120.37 -8.61 0.00	135.04 -9.44 0.00	240.35 -13.33 0.00	134.59 -8.45 0.00	128.39 -8.31 0.00	136.28 -11.07 0.00	134.46 -10.58 0.00	149.14 -10.82 0.00
STA_7___115KV_9TRANS 80674	67.88 -3.88 -1.13	49.24 -2.91 0.00	44.84 -2.74 0.00	44.67 -2.66 0.00	61.87 -3.58 0.00	47.42 -2.61 0.00	70.61 -3.89 0.00	58.92 -3.22 0.00	51.42 -2.64 0.00	59.92 -2.86 0.00	117.83 -8.22 3.31	130.43 -8.99 0.00	125.64 -8.79 0.00	125.98 -8.20 0.00	118.45 -7.81 0.00	114.88 -7.58 0.00	121.62 -7.36 0.00	136.49 -7.99 0.00	242.94 -10.73 0.00	136.01 -7.03 0.00	129.75 -6.96 0.00	137.60 -9.75 0.00	135.70 -9.35 0.00	150.45 -9.51 0.00
STA_82___115KV_TB1 80780	67.37 -4.39 -1.13	48.86 -3.28 0.00	44.50 -3.07 0.00	44.33 -3.00 0.00	61.39 -4.06 0.00	47.05 -2.97 0.00	70.00 -4.49 0.00	58.40 -3.74 0.00	50.95 -3.12 0.00	59.35 -3.42 0.00	116.68 -9.35 3.33	129.20 -10.23 0.00	124.45 -9.98 0.00	124.77 -9.42 0.00	117.29 -8.98 0.00	113.75 -8.71 0.00	120.43 -8.55 0.00	135.10 -9.38 0.00	240.52 -13.16 0.00	134.68 -8.37 0.00	128.51 -8.20 0.00	136.36 -10.98 0.00	134.55 -10.50 0.00	149.22 -10.75 0.00
STEEL___WIND 323596	66.42 -5.70 -1.50	47.76 -4.39 0.00	43.30 -4.27 0.00	43.23 -4.10 0.00	59.95 -5.49 0.00	45.99 -4.04 0.00	68.15 -6.34 0.00	56.79 -5.35 0.00	49.55 -4.52 0.00	57.86 -4.92 0.00	109.05 -13.65 6.67	125.06 -14.37 0.00	120.60 -13.84 0.00	121.32 -12.86 0.00	114.01 -12.26 0.00	110.35 -12.11 0.00	117.10 -11.88 0.00	130.96 -13.52 0.00	234.37 -19.31 0.00	131.06 -11.99 0.00	125.15 -11.56 0.00	131.96 -15.38 0.00	130.87 -14.18 0.00	145.85 -14.11 0.00
STEPHTWN_115KV_BK_2 55603	97.84 4.03 -23.18	58.80 2.88 -3.77	50.12 2.55 0.00	49.83 2.50 0.00	68.96 3.52 0.00	84.80 2.72 -32.06	142.45 3.97 -63.98	102.95 3.12 -37.71	56.69 2.62 0.00	66.02 3.24 0.00	135.91 6.54 0.00	146.81 7.39 0.00	141.48 7.04 0.00	141.25 7.07 0.00	132.80 6.53 0.00	128.31 5.85 0.00	134.90 5.92 0.00	151.63 7.15 0.00	266.09 12.40 0.00	149.97 6.92 0.00	143.15 6.44 0.00	154.16 6.82 0.00	151.83 6.78 0.00	168.50 8.54 0.00
STEUBEN_REC_LFGE 323667	68.21 -4.57 -2.15	48.70 -3.66 -0.21	43.86 -3.71 0.00	44.00 -3.33 0.00	61.09 -4.36 0.00	48.32 -3.46 -1.76	72.54 -5.46 -3.50	59.77 -4.43 -2.07	50.66 -3.41 0.00	59.26 -3.51 0.00	101.59 -10.39 17.38	132.23 -7.20 0.00	128.71 -5.73 0.00	128.19 -6.00 0.00	120.96 -5.30 0.00	117.35 -5.11 0.00	124.91 -4.07 0.00	140.64 -3.84 0.00	249.86 -3.81 0.00	140.06 -2.99 0.00	130.83 -5.88 0.00	141.06 -6.29 0.00	139.89 -5.16 0.00	153.90 -6.06 0.00
STILLWATER___SOLAR 323814	114.19 5.25 -38.31	63.01 3.79 -7.07	50.95 3.38 0.00	50.73 3.40 0.00	70.15 4.70 0.00	113.84 3.65 -60.17	200.03 5.44 -120.09	137.44 4.53 -70.77	58.05 3.98 0.00	67.31 4.53 0.00	138.89 9.53 0.00	149.66 10.23 0.00	144.21 9.78 0.00	144.03 9.85 0.00	135.50 9.23 0.00	131.60 9.14 0.00	138.46 9.48 0.00	155.66 11.18 0.00	273.19 19.52 0.00	153.95 10.90 0.00	146.96 10.25 0.00	158.03 10.68 0.00	155.23 10.19 0.00	171.41 11.45 0.00
STONY___BROOK 24151	85.11 6.39 -8.09	57.20 4.39 -0.67	51.42 3.85 0.00	51.16 3.83 0.00	70.79 5.34 0.00	59.97 4.22 -5.72	91.94 6.02 -11.42	73.96 5.09 -6.73	58.52 4.45 0.00	67.99 5.21 0.00	140.91 11.55 0.00	151.98 12.56 0.00	146.86 12.42 0.00	145.57 11.39 0.00	137.73 11.47 0.00	144.33 11.85 -10.02	151.25 12.94 -9.33	175.99 14.64 -16.87	289.77 22.25 -13.84	271.87 14.19 -114.63	208.36 14.16 -57.49	277.51 15.06 -115.11	228.69 14.63 -69.02	172.93 12.97 0.00
STURGEON_POOL_HYD 23609	84.76 4.26 -9.88	56.17 2.98 -1.04	50.19 2.62 0.00	49.91 2.58 0.00	68.98 3.54 0.00	61.67 2.80 -8.85	96.29 4.14 -17.66	76.07 3.53 -10.41	57.42 3.35 0.00	66.63 3.85 0.00	138.10 8.74 0.00	148.92 9.50 0.00	143.89 9.45 0.00	143.22 9.04 0.00	135.01 8.75 0.00	131.13 8.67 0.00	138.08 9.10 0.00	155.03 10.55 0.00	271.76 18.08 0.00	153.79 10.74 0.00	146.94 10.23 0.00	158.20 10.86 0.00	155.46 10.42 0.00	170.66 10.69 0.00
ST_LAW_115_BK7_LBMP 345037	69.33 -1.30 0.00	51.21 -0.93 0.00	46.67 -0.90 0.00	46.43 -0.90 0.00	64.35 -1.09 0.00	49.15 -0.88 0.00	73.29 -1.21 0.00	61.20 -0.93 0.00	51.07 -0.99 2.01	61.61 -1.16 0.00	93.29 -2.41 33.66	106.18 -2.65 30.59	71.60 -2.64 60.19	99.07 -2.81 32.30	92.59 -2.82 30.86	70.85 -2.61 49.00	126.27 -2.71 0.00	126.38 -3.34 14.76	237.34 -6.20 10.14	118.22 -3.64 21.19	133.47 -3.23 0.01	138.39 -2.61 6.35	142.62 -2.42 0.00	157.38 -2.58 0.00

ST_LAW_115_BK8_LBMP 345038	69.33 -1.30 0.00	51.21 -0.93 0.00	46.67 -0.90 0.00	46.43 -0.90 0.00	64.35 -1.09 0.00	49.15 -0.88 0.00	73.29 -1.21 0.00	61.20 -0.93 0.00	51.07 -0.99 2.01	61.61 -1.16 0.00	93.29 -2.41 33.66	106.18 -2.65 30.59	71.60 -2.64 60.19	99.07 -2.81 32.30	92.59 -2.82 30.86	70.85 -2.61 49.00	126.27 -2.71 0.00	126.38 -3.34 14.76	237.34 -6.20 10.14	118.22 -3.64 21.19	133.47 -3.23 0.01	138.39 -2.61 6.35	142.62 -2.42 0.00	157.38 -2.58 0.00
ST_LAW_230_BK5_LBMP 345035	69.36 -1.27 0.00	51.24 -0.91 0.00	46.70 -0.87 0.00	46.45 -0.88 0.00	64.38 -1.07 0.00	49.17 -0.86 0.00	73.30 -1.20 0.00	61.21 -0.93 0.00	51.04 -0.97 2.06	61.63 -1.14 0.00	92.69 -2.32 34.35	105.66 -2.54 31.23	70.47 -2.52 61.44	98.50 -2.72 32.97	92.11 -2.69 31.47	70.00 -2.44 50.02	126.40 -2.58 0.00	126.22 -3.20 15.06	237.47 -5.86 10.35	117.98 -3.45 21.63	133.61 -3.09 0.01	138.35 -2.51 6.49	142.71 -2.34 0.00	157.45 -2.52 0.00
ST_LAW_230_BK6_LBMP 345036	69.36 -1.27 0.00	51.24 -0.91 0.00	46.70 -0.87 0.00	46.45 -0.88 0.00	64.38 -1.07 0.00	49.17 -0.86 0.00	73.30 -1.20 0.00	61.21 -0.93 0.00	51.04 -0.97 2.06	61.63 -1.14 0.00	92.69 -2.32 34.35	105.66 -2.54 31.23	70.47 -2.52 61.44	98.50 -2.72 32.97	92.11 -2.69 31.47	70.00 -2.44 50.02	126.40 -2.58 0.00	126.22 -3.20 15.06	237.47 -5.86 10.35	117.98 -3.45 21.63	133.61 -3.09 0.01	138.35 -2.51 6.49	142.71 -2.34 0.00	157.45 -2.52 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	81.84 3.65 -7.56	55.32 2.54 -0.63	49.80 2.23 0.00	49.52 2.19 0.00	68.42 2.97 0.00	57.76 2.41 -5.33	88.62 3.50 -10.63	71.34 2.94 -6.27	56.80 2.74 0.00	65.88 3.10 0.00	136.56 7.20 0.00	147.24 7.82 0.00	142.22 7.79 0.00	141.64 7.46 0.00	133.49 7.23 0.00	129.49 7.03 0.00	136.31 7.33 0.00	153.01 8.53 0.00	268.14 14.46 0.00	151.63 8.58 0.00	144.93 8.22 0.00	156.07 8.72 0.00	153.56 8.52 0.00	168.84 8.88 0.00
SWANROAD_115KV_TB1 355699	63.76 -8.25 -1.38	46.20 -5.95 0.00	41.92 -5.65 0.00	41.77 -5.56 0.00	58.02 -7.42 0.00	44.43 -5.60 0.00	65.86 -8.63 0.00	54.50 -7.64 0.00	47.57 -6.50 0.00	55.49 -7.29 0.00	105.54 -18.32 5.50	118.91 -20.51 0.00	114.65 -19.78 0.00	115.32 -18.86 0.00	108.49 -17.77 0.00	105.11 -17.35 0.00	111.38 -17.60 0.00	124.46 -20.02 0.00	223.27 -30.41 0.00	124.58 -18.46 0.00	119.09 -17.62 0.00	125.42 -21.93 0.00	124.63 -20.41 0.00	139.34 -20.62 0.00
SYNERGY___BIOGAS 323694	67.36 -4.55 -1.28	48.79 -3.36 0.00	44.35 -3.22 0.00	44.19 -3.14 0.00	61.34 -4.11 0.00	47.10 -2.93 0.00	70.12 -4.38 0.00	58.38 -3.76 0.00	50.99 -3.08 0.00	59.41 -3.37 0.00	114.50 -10.16 4.71	127.71 -11.71 0.00	123.11 -11.33 0.00	123.73 -10.45 0.00	116.42 -9.84 0.00	112.93 -9.53 0.00	119.88 -9.09 0.00	134.68 -9.80 0.00	241.29 -12.39 0.00	134.60 -8.45 0.00	128.45 -8.26 0.00	135.46 -11.89 0.00	133.95 -11.10 0.00	148.97 -10.99 0.00
SYRACUSE___ENERGY_ST1 323597	70.39 -1.19 -0.95	51.21 -0.95 0.00	46.79 -0.78 0.00	46.58 -0.75 0.00	64.26 -1.19 0.00	49.21 -0.82 0.00	73.28 -1.22 0.00	61.19 -0.94 0.00	53.36 -0.71 0.00	62.02 -0.76 0.00	127.12 -2.25 0.00	136.90 -2.52 0.00	131.78 -2.65 0.00	131.73 -2.45 0.00	124.03 -2.23 0.00	120.29 -2.16 0.00	127.23 -1.74 0.00	142.89 -1.59 0.00	252.05 -1.63 0.00	141.92 -1.12 0.00	135.23 -1.47 0.00	144.81 -2.54 0.00	142.43 -2.61 0.00	157.07 -2.89 0.00
SYRACUSE___ENERGY_ST2 323598	70.39 -1.19 -0.95	51.21 -0.95 0.00	46.79 -0.78 0.00	46.58 -0.75 0.00	64.26 -1.19 0.00	49.21 -0.82 0.00	73.28 -1.22 0.00	61.19 -0.94 0.00	53.36 -0.71 0.00	62.02 -0.76 0.00	127.12 -2.25 0.00	136.90 -2.52 0.00	131.78 -2.65 0.00	131.73 -2.45 0.00	124.03 -2.23 0.00	120.29 -2.16 0.00	127.23 -1.74 0.00	142.89 -1.59 0.00	252.05 -1.63 0.00	141.92 -1.12 0.00	135.23 -1.47 0.00	144.81 -2.54 0.00	142.43 -2.61 0.00	157.07 -2.89 0.00
SYRACUSE___POWER 24017	70.22 -1.39 -0.98	51.04 -1.11 0.00	46.63 -0.94 0.00	46.42 -0.90 0.00	64.05 -1.40 0.00	49.06 -0.97 0.00	73.09 -1.41 0.00	61.03 -1.11 0.00	53.22 -0.85 0.00	61.84 -0.93 0.00	128.17 -2.56 -1.36	136.59 -2.84 0.00	131.45 -2.99 0.00	131.45 -2.73 0.00	123.78 -2.48 0.00	120.01 -2.45 0.00	126.86 -2.12 0.00	142.49 -1.99 0.00	251.26 -2.42 0.00	141.50 -1.55 0.00	134.91 -1.79 0.00	144.43 -2.91 0.00	142.10 -2.94 0.00	156.70 -3.26 0.00
TALLMAN___138KV_BK151 55660	82.31 3.92 -7.76	55.50 2.71 -0.64	49.94 2.37 0.00	49.64 2.32 0.00	68.60 3.15 0.00	58.07 2.57 -5.47	89.15 3.73 -10.92	71.71 3.14 -6.43	56.98 2.91 0.00	66.06 3.28 0.00	137.13 7.77 0.00	147.82 8.40 0.00	142.89 8.46 0.00	142.26 8.08 0.00	134.20 7.94 0.00	130.13 7.67 0.00	136.89 7.91 0.00	153.59 9.11 0.00	269.02 15.34 0.00	152.18 9.13 0.00	145.49 8.77 0.00	156.70 9.36 0.00	154.23 9.18 0.00	169.51 9.55 0.00
TEALLAVE_115KV_TB7 355573	68.71 -1.92 0.00	50.66 -1.49 0.00	46.29 -1.28 0.00	46.09 -1.24 0.00	63.58 -1.86 0.00	48.68 -1.35 0.00	72.53 -1.97 0.00	60.56 -1.58 0.00	52.81 -1.26 0.00	61.40 -1.38 0.00	125.88 -3.49 0.00	135.60 -3.82 0.00	130.53 -3.91 0.00	130.54 -3.64 0.00	122.88 -3.38 0.00	119.11 -3.35 0.00	125.85 -3.13 0.00	141.29 -3.19 0.00	249.09 -4.58 0.00	140.29 -2.76 0.00	133.77 -2.94 0.00	143.22 -4.12 0.00	140.88 -4.17 0.00	155.42 -4.54 0.00
TELGRAPH_34_KV_EAST 80808	65.49 -6.46 -1.32	47.47 -4.68 0.00	43.10 -4.47 0.00	42.96 -4.37 0.00	59.65 -5.79 0.00	45.73 -4.30 0.00	67.90 -6.59 0.00	56.41 -5.73 0.00	49.26 -4.81 0.00	57.45 -5.33 0.00	110.01 -14.25 5.10	123.54 -15.89 0.00	119.04 -15.39 0.00	119.69 -14.49 0.00	112.55 -13.71 0.00	109.07 -13.39 0.00	115.65 -13.32 0.00	129.55 -14.93 0.00	232.16 -21.52 0.00	129.51 -13.54 0.00	123.72 -12.99 0.00	130.38 -16.97 0.00	129.22 -15.82 0.00	144.05 -15.91 0.00
TEMPLE___115KV_TB 2 55572	68.73 -1.90 0.00	50.67 -1.48 0.00	46.31 -1.26 0.00	46.10 -1.23 0.00	63.59 -1.86 0.00	48.69 -1.34 0.00	72.55 -1.95 0.00	60.56 -1.58 0.00	52.82 -1.25 0.00	61.40 -1.38 0.00	125.88 -3.49 0.00	135.60 -3.82 0.00	130.53 -3.91 0.00	130.54 -3.64 0.00	122.88 -3.38 0.00	119.11 -3.35 0.00	125.85 -3.13 0.00	141.30 -3.18 0.00	249.17 -4.51 0.00	140.31 -2.74 0.00	133.80 -2.91 0.00	143.26 -4.09 0.00	140.95 -4.10 0.00	155.47 -4.49 0.00
TIANA____69_KV_BK 1 55817	85.99 7.27 -8.09	57.86 5.03 -0.67	52.04 4.47 0.00	51.75 4.43 0.00	71.68 6.24 0.00	60.70 4.95 -5.72	93.03 7.12 -11.42	74.91 6.04 -6.73	59.29 5.22 0.00	68.80 6.02 0.00	142.28 12.92 0.00	153.49 14.07 0.00	148.01 13.57 0.00	145.69 11.51 0.00	137.52 11.26 0.00	144.24 11.77 -10.02	151.52 13.20 -9.33	174.99 15.56 -14.94	289.17 23.23 -12.26	260.12 15.37 -101.69	204.94 15.07 -53.16	264.98 15.58 -102.05	221.53 15.28 -61.21	173.65 13.69 0.00
TILDEN___115KV_TB1 80814	70.22 -1.39 -0.98	51.04 -1.11 0.00	46.63 -0.94 0.00	46.42 -0.90 0.00	64.05 -1.40 0.00	49.06 -0.97 0.00	73.09 -1.41 0.00	61.03 -1.11 0.00	53.22 -0.85 0.00	61.84 -0.93 0.00	128.17 -2.56 -1.36	136.59 -2.84 0.00	131.45 -2.99 0.00	131.45 -2.73 0.00	123.78 -2.48 0.00	120.01 -2.45 0.00	126.86 -2.12 0.00	142.49 -1.99 0.00	251.26 -2.42 0.00	141.50 -1.55 0.00	134.91 -1.79 0.00	144.43 -2.91 0.00	142.10 -2.94 0.00	156.70 -3.26 0.00

TRIGEN___CC 323695	84.08 5.36 -8.09	56.51 3.70 -0.67	50.81 3.24 0.00	50.51 3.18 0.00	69.84 4.40 0.00	59.23 3.48 -5.72	90.94 5.03 -11.42	73.06 4.20 -6.73	57.85 3.79 0.00	67.16 4.39 0.00	139.59 10.23 0.00	150.61 11.19 0.00	145.67 11.23 0.00	144.87 10.69 0.00	136.88 10.62 0.00	143.13 10.65 -10.02	149.37 11.06 -9.33	156.93 12.42 -0.03	273.51 19.83 0.00	156.64 12.30 -1.29	168.40 12.10 -19.59	160.79 12.81 -0.62	158.13 12.45 -0.63	171.82 11.85 0.00
TRINITY___115KV___4 BK 55933	97.84 3.30 -23.91	58.46 2.38 -3.93	49.67 2.10 0.00	49.41 2.09 0.00	68.31 2.86 0.00	85.62 2.18 -33.41	144.23 3.04 -66.69	103.77 2.34 -39.30	56.04 1.97 0.00	65.14 2.36 0.00	134.36 5.00 0.00	144.82 5.39 0.00	139.72 5.29 0.00	139.42 5.23 0.00	131.21 4.95 0.00	126.73 4.27 0.00	132.83 3.85 0.00	149.13 4.65 0.00	261.50 7.82 0.00	147.55 4.50 0.00	141.06 4.36 0.00	152.00 4.65 0.00	149.80 4.76 0.00	166.25 6.29 0.00
UNION___PROCESSING_DRP 323587	67.38 -4.38 -1.13	48.88 -3.27 0.00	44.51 -3.07 0.00	44.34 -2.99 0.00	61.40 -4.04 0.00	47.06 -2.97 0.00	70.03 -4.46 0.00	58.43 -3.71 0.00	50.98 -3.09 0.00	59.39 -3.39 0.00	116.74 -9.30 3.33	129.24 -10.18 0.00	124.50 -9.94 0.00	124.79 -9.39 0.00	117.33 -8.93 0.00	113.79 -8.67 0.00	120.48 -8.50 0.00	135.18 -9.30 0.00	240.60 -13.08 0.00	134.74 -8.31 0.00	128.53 -8.18 0.00	136.42 -10.92 0.00	134.60 -10.45 0.00	149.29 -10.68 0.00
UPPER HUDSON___HYD 24058	116.98 6.55 -39.80	64.21 4.66 -7.40	51.76 4.19 0.00	51.56 4.23 0.00	71.30 5.85 0.00	117.62 4.65 -62.93	207.15 7.03 -125.62	142.07 5.91 -74.03	59.27 5.20 0.00	68.76 5.98 0.00	141.75 12.39 0.00	152.56 13.13 0.00	146.89 12.46 0.00	146.83 12.65 0.00	137.93 11.67 0.00	134.06 11.60 0.00	141.39 12.41 0.00	159.14 14.66 0.00	279.31 25.63 0.00	157.30 14.25 0.00	149.97 13.26 0.00	161.10 13.76 0.00	158.07 13.02 0.00	174.53 14.57 0.00
UPPER RAQUET___HYD 24056	70.02 -0.61 0.00	51.62 -0.53 0.00	47.04 -0.53 0.00	46.76 -0.57 0.00	64.77 -0.68 0.00	49.53 -0.49 0.00	73.97 -0.52 0.00	61.85 -0.28 0.00	52.03 -0.44 1.61	62.22 -0.55 0.00	101.11 -1.38 26.88	113.10 -1.89 24.43	84.30 -2.07 48.07	105.78 -2.61 25.79	98.00 -3.36 24.91	79.74 -3.59 39.13	125.22 -3.76 0.00	128.28 -4.42 11.78	237.28 -8.31 8.10	121.83 -4.31 16.92	132.57 -4.14 0.01	139.02 -3.26 5.07	142.42 -2.63 0.00	158.05 -1.91 0.00
VALLEY44_115KV_TB2 355964	69.31 -3.14 -1.83	49.94 -2.39 -0.17	45.16 -2.41 0.00	45.03 -2.30 0.00	62.42 -3.03 0.00	49.21 -2.30 -1.49	73.46 -4.01 -2.97	60.46 -3.42 -1.75	51.13 -2.93 0.00	59.57 -3.21 0.00	113.37 -8.56 7.42	130.79 -8.64 0.00	126.36 -8.08 0.00	126.87 -7.31 0.00	119.21 -7.05 0.00	114.98 -7.48 0.00	121.04 -7.94 0.00	135.51 -8.97 0.00	241.03 -12.65 0.00	135.23 -7.82 0.00	129.19 -7.52 0.00	137.06 -10.28 0.00	136.65 -8.40 0.00	152.04 -7.92 0.00
VALLEY___115KV_TB 1-4 80826	73.47 2.84 0.00	54.11 1.97 0.00	49.30 1.73 0.00	49.06 1.73 0.00	67.84 2.40 0.00	51.89 1.86 0.00	77.29 2.80 0.00	64.49 2.36 0.00	56.29 2.11 -0.11	65.07 2.29 0.00	136.14 4.92 -1.86	146.47 5.36 -1.69	142.89 5.12 -3.33	141.13 5.17 -1.79	133.01 5.04 -1.71	130.03 4.86 -2.71	133.86 4.88 0.00	151.40 6.10 -0.82	264.67 10.43 -0.56	150.32 6.10 -1.17	142.31 5.60 0.00	153.33 5.63 -0.35	150.57 5.52 0.00	166.28 6.32 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	83.05 4.90 -7.53	56.67 3.50 -1.01	50.77 3.20 0.00	50.56 3.23 0.00	70.02 4.57 0.00	62.24 3.60 -8.61	97.13 5.45 -17.18	76.93 4.67 -10.12	58.46 4.39 0.00	68.05 5.27 0.00	140.14 10.78 0.00	150.90 11.48 0.00	145.11 10.68 0.00	144.90 10.72 0.00	136.65 10.39 0.00	132.53 10.07 0.00	140.32 11.34 0.00	157.60 13.12 0.00	276.93 23.25 0.00	156.17 13.12 0.00	149.07 12.36 0.00	160.04 12.70 0.00	157.53 12.49 0.00	173.40 13.43 0.00
VISCHER___FERRY HYD 24020	108.15 4.26 -33.26	61.19 3.06 -5.97	50.28 2.71 0.00	50.05 2.72 0.00	69.18 3.73 0.00	103.68 2.84 -50.81	180.03 4.13 -101.41	125.29 3.40 -59.76	57.01 2.95 0.00	66.14 3.36 0.00	136.52 7.16 0.00	147.18 7.76 0.00	141.92 7.49 0.00	141.68 7.50 0.00	133.41 7.15 0.00	129.43 6.97 0.00	135.76 6.77 0.00	152.57 8.09 0.00	267.64 13.96 0.00	150.91 7.86 0.00	144.18 7.47 0.00	155.27 7.92 0.00	152.70 7.65 0.00	168.85 8.89 0.00
V_A_10_SYNC_DSASP 323832	65.11 -6.77 -1.25	47.12 -5.03 0.00	42.82 -4.75 0.00	42.67 -4.66 0.00	59.17 -6.28 0.00	45.30 -4.73 0.00	67.21 -7.28 0.00	55.93 -6.21 0.00	48.78 -5.29 0.00	56.87 -5.90 0.00	109.72 -15.09 4.55	123.00 -16.42 0.00	118.53 -15.90 0.00	119.01 -15.17 0.00	111.83 -14.43 0.00	108.27 -14.19 0.00	114.69 -14.28 0.00	128.30 -16.18 0.00	229.33 -24.35 0.00	128.13 -14.92 0.00	122.44 -14.27 0.00	129.52 -17.83 0.00	128.32 -16.72 0.00	142.97 -16.99 0.00
V_CMM_10_SYNC_DSASP 323787	69.43 -1.20 0.00	51.29 -0.86 0.00	46.75 -0.82 0.00	46.50 -0.83 0.00	64.45 -0.99 0.00	49.23 -0.80 0.00	73.40 -1.09 0.00	61.29 -0.85 0.00	51.14 -0.92 2.01	61.70 -1.08 0.00	93.50 -2.21 33.66	106.43 -2.41 30.59	71.80 -2.44 60.19	99.28 -2.61 32.30	92.78 -2.62 30.86	71.06 -2.40 49.00	126.46 -2.51 0.00	126.57 -3.15 14.76	237.82 -5.72 10.14	118.38 -3.48 21.19	133.61 -3.09 0.01	138.55 -2.44 6.35	142.77 -2.28 0.00	157.57 -2.40 0.00
V_CMP_10_SYNC_DSASP 323788	69.71 -0.92 0.00	50.96 -1.19 0.00	46.27 -1.30 0.00	46.14 -1.19 0.00	63.74 -1.71 0.00	-1.62 -1.46 50.19	-29.56 -2.03 102.02	-28.85 -1.61 89.38	-17.23 -1.51 69.79	-28.72 -1.77 89.72	2.48 -3.49 123.39	-24.51 -3.99 159.95	-28.44 -4.10 158.78	-30.75 -4.27 160.65	-30.40 -4.15 152.50	-24.05 -3.79 142.72	-33.41 -4.01 158.38	-33.15 -4.67 172.97	-40.85 -8.28 286.25	-32.48 -4.87 170.66	-33.84 -4.49 166.06	24.01 -3.92 119.41	141.60 -3.45 0.00	157.30 -2.67 0.00
V_D_10_SYNC_DSASP 323841	70.03 -0.59 0.00	51.73 -0.42 0.00	47.13 -0.44 0.00	46.88 -0.46 0.00	64.99 -0.46 0.00	49.65 -0.38 0.00	74.05 -0.45 0.00	61.85 -0.29 0.00	51.68 -0.44 1.95	62.23 -0.55 0.00	95.54 -1.24 32.58	108.41 -1.41 29.61	74.66 -1.51 58.26	101.20 -1.72 31.26	94.48 -1.87 29.91	73.34 -1.68 47.43	127.24 -1.74 0.00	127.98 -2.22 14.28	239.12 -4.74 9.82	120.06 -2.48 20.51	134.53 -2.17 0.01	139.78 -1.41 6.15	143.84 -1.21 0.00	158.92 -1.04 0.00
V_E_10_SYNC_DSASP 323830	76.52 1.90 -4.00	53.73 1.11 -0.47	48.63 1.06 0.00	48.52 1.19 0.00	67.08 1.64 0.00	56.31 2.28 -4.00	86.30 3.82 -7.99	70.31 3.47 -4.71	57.32 3.25 0.00	65.52 2.74 0.00	142.12 3.87 -8.89	143.37 3.95 0.00	137.25 2.82 0.00	136.89 2.70 0.00	129.06 2.80 0.00	125.91 3.45 0.00	134.42 5.44 0.00	152.34 7.86 0.00	268.89 15.21 0.00	151.48 8.44 0.00	144.38 7.67 0.00	154.07 6.73 0.00	151.18 6.13 0.00	166.36 6.40 0.00
V_F_30_NSYNC___DSASP 323816	114.87 5.27 -38.98	63.16 3.79 -7.22	50.96 3.39 0.00	50.74 3.41 0.00	70.16 4.71 0.00	115.11 3.68 -61.40	202.56 5.49 -122.57	138.95 4.58 -72.23	58.08 4.01 0.00	67.37 4.59 0.00	138.97 9.61 0.00	149.76 10.33 0.00	144.33 9.89 0.00	144.11 9.93 0.00	135.60 9.34 0.00	131.67 9.21 0.00	138.59 9.61 0.00	155.76 11.28 0.00	273.39 19.72 0.00	154.06 11.01 0.00	147.07 10.35 0.00	158.12 10.77 0.00	155.31 10.26 0.00	171.50 11.54 0.00

V_F_30_SYNC_DSASP 323786	101.89 3.55 -27.72	59.46 2.55 -4.76	49.82 2.25 0.00	49.56 2.23 0.00	68.51 3.06 0.00	92.86 2.34 -40.48	158.62 3.31 -80.81	112.35 2.60 -47.62	56.29 2.22 0.00	65.45 2.67 0.00	134.96 5.60 0.00	145.49 6.07 0.00	140.38 5.95 0.00	140.05 5.87 0.00	131.84 5.57 0.00	127.33 4.87 0.00	133.51 4.53 0.00	149.89 5.41 0.00	262.97 9.29 0.00	148.30 5.25 0.00	141.77 5.06 0.00	152.67 5.32 0.00	150.47 5.43 0.00	166.91 6.95 0.00
V_XM_10_SYNC_DSASP 323789	69.71 -0.92 0.00	50.96 -1.19 0.00	46.27 -1.30 0.00	46.14 -1.19 0.00	63.74 -1.71 0.00	-1.62 -1.46 50.19	-29.56 -2.03 102.02	-28.85 -1.61 89.38	-17.23 -1.51 69.79	-28.72 -1.77 89.72	2.48 -3.49 123.39	-24.51 -3.99 159.95	-28.44 -4.10 158.78	-30.75 -4.27 160.65	-30.40 -4.15 152.50	-24.05 -3.79 142.72	-33.41 -4.01 158.38	-33.15 -4.67 172.97	-40.85 -8.28 286.25	-32.48 -4.87 170.66	-33.84 -4.49 166.06	24.01 -3.92 119.41	141.60 -3.45 0.00	157.30 -2.67 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	82.60 4.16 -7.80	55.70 2.90 -0.65	50.10 2.53 0.00	49.82 2.49 0.00	68.84 3.39 0.00	58.29 2.75 -5.51	89.51 4.02 -10.99	72.01 3.40 -6.48	57.21 3.14 0.00	66.32 3.54 0.00	137.65 8.28 0.00	148.39 8.97 0.00	143.42 8.98 0.00	142.80 8.62 0.00	134.69 8.43 0.00	130.62 8.16 0.00	137.47 8.49 0.00	154.26 9.78 0.00	270.18 16.50 0.00	152.84 9.78 0.00	146.12 9.41 0.00	157.34 10.00 0.00	154.83 9.78 0.00	170.13 10.17 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	83.28 4.56 -8.09	55.98 3.16 -0.67	50.33 2.76 0.00	50.03 2.71 0.00	69.15 3.70 0.00	58.70 2.95 -5.72	90.18 4.27 -11.42	72.45 3.59 -6.73	57.50 3.43 0.00	66.68 3.91 0.00	138.77 9.41 0.00	149.80 10.37 0.00	144.92 10.48 0.00	144.28 10.09 0.00	136.10 9.84 0.00	131.92 9.46 0.00	138.71 9.74 0.00	155.52 11.04 0.00	271.98 18.30 0.00	154.03 10.98 0.00	147.27 10.56 0.00	158.65 11.30 0.00	156.15 11.11 0.00	171.38 11.41 0.00
W50THST__13_KV_LOAD 356117	83.70 4.97 -8.09	56.28 3.45 -0.67	50.61 3.04 0.00	50.31 2.98 0.00	69.55 4.11 0.00	59.02 3.27 -5.72	90.65 4.74 -11.42	72.89 4.02 -6.73	57.81 3.74 0.00	67.02 4.25 0.00	139.58 10.22 0.00	150.70 11.28 0.00	145.85 11.41 0.00	145.22 11.03 0.00	136.97 10.70 0.00	132.71 10.25 0.00	139.52 10.54 0.00	156.43 11.96 0.00	273.43 19.75 0.00	154.82 11.77 0.00	148.04 11.33 0.00	159.39 12.05 0.00	156.84 11.80 0.00	172.12 12.16 0.00
WADING RIVER_IC_1 23522	85.49 6.77 -8.09	57.49 4.67 -0.67	51.67 4.11 0.00	51.41 4.08 0.00	71.18 5.73 0.00	60.28 4.53 -5.72	92.40 6.48 -11.42	74.35 5.49 -6.73	58.83 4.76 0.00	68.29 5.51 0.00	141.32 11.96 0.00	152.45 13.03 0.00	147.13 12.69 0.00	145.39 11.21 0.00	137.40 11.14 0.00	144.10 11.63 -10.02	151.23 12.91 -9.33	174.57 15.10 -14.99	288.82 22.84 -12.30	259.88 14.83 -102.00	204.61 14.64 -53.27	264.92 15.22 -102.36	221.29 14.85 -61.40	173.23 13.26 0.00
WADING RIVER_IC_2 23547	85.49 6.77 -8.09	57.49 4.67 -0.67	51.67 4.11 0.00	51.41 4.08 0.00	71.18 5.73 0.00	60.28 4.53 -5.72	92.40 6.48 -11.42	74.35 5.49 -6.73	58.83 4.76 0.00	68.29 5.51 0.00	141.32 11.96 0.00	152.45 13.03 0.00	147.13 12.69 0.00	145.39 11.21 0.00	137.40 11.14 0.00	144.10 11.63 -10.02	151.23 12.91 -9.33	174.57 15.10 -14.99	288.82 22.84 -12.30	259.88 14.83 -102.00	204.61 14.64 -53.27	264.92 15.22 -102.36	221.29 14.85 -61.40	173.23 13.26 0.00
WADING RIVER_IC_3 23601	85.49 6.77 -8.09	57.49 4.67 -0.67	51.67 4.11 0.00	51.41 4.08 0.00	71.18 5.73 0.00	60.28 4.53 -5.72	92.40 6.48 -11.42	74.35 5.49 -6.73	58.83 4.76 0.00	68.29 5.51 0.00	141.32 11.96 0.00	152.45 13.03 0.00	147.13 12.69 0.00	145.39 11.21 0.00	137.40 11.14 0.00	144.10 11.63 -10.02	151.23 12.91 -9.33	174.57 15.10 -14.99	288.82 22.84 -12.30	259.88 14.83 -102.00	204.61 14.64 -53.27	264.92 15.22 -102.36	221.29 14.85 -61.40	173.23 13.26 0.00
WALDENNY_12_KV_BK2 80841	66.37 -5.75 -1.48	47.77 -4.37 0.00	43.33 -4.24 0.00	43.23 -4.10 0.00	60.01 -5.43 0.00	46.01 -4.02 0.00	68.22 -6.28 0.00	56.82 -5.31 0.00	49.62 -4.45 0.00	57.89 -4.88 0.00	109.37 -13.45 6.54	125.20 -14.23 0.00	120.69 -13.75 0.00	121.40 -12.78 0.00	114.13 -12.13 0.00	110.50 -11.96 0.00	117.14 -11.83 0.00	131.06 -13.42 0.00	234.55 -19.13 0.00	131.08 -11.96 0.00	125.14 -11.57 0.00	131.92 -15.43 0.00	130.82 -14.22 0.00	145.83 -14.13 0.00
WALDEN__HYDRO 24148	82.76 4.17 -7.96	55.73 2.91 -0.68	50.12 2.56 0.00	49.84 2.51 0.00	68.87 3.42 0.00	58.54 2.77 -5.74	90.05 4.09 -11.47	72.35 3.45 -6.76	57.28 3.21 0.00	66.42 3.65 0.00	137.65 8.29 0.00	148.46 9.04 0.00	143.37 8.94 0.00	142.79 8.61 0.00	134.58 8.31 0.00	130.56 8.10 0.00	137.49 8.51 0.00	154.45 9.97 0.00	270.78 17.10 0.00	153.15 10.09 0.00	146.33 9.62 0.00	157.50 10.15 0.00	154.88 9.83 0.00	170.22 10.25 0.00
WARRENSBURG____ 23737	116.98 6.55 -39.80	64.21 4.66 -7.40	51.76 4.19 0.00	51.56 4.23 0.00	71.30 5.85 0.00	117.62 4.65 -62.93	207.15 7.03 -125.62	142.07 5.91 -74.03	59.27 5.20 0.00	68.76 5.98 0.00	141.75 12.39 0.00	152.56 13.13 0.00	146.89 12.46 0.00	146.83 12.65 0.00	137.93 11.67 0.00	134.06 11.60 0.00	141.39 12.41 0.00	159.14 14.66 0.00	279.31 25.63 0.00	157.30 14.25 0.00	149.97 13.26 0.00	161.10 13.76 0.00	158.07 13.02 0.00	174.53 14.57 0.00
WATERSIDE__6 8 9 23538	80.38 4.78 -4.97	47.45 3.31 8.01	40.44 2.89 10.03	39.96 2.84 10.21	63.29 3.92 6.08	50.63 3.07 2.47	88.18 4.42 -9.27	66.63 3.74 -0.75	48.83 3.54 8.78	59.68 3.98 7.07	125.71 9.83 13.48	139.85 10.69 10.25	145.12 10.82 0.13	144.56 10.37 0.00	134.79 10.08 1.55	132.06 9.60 0.00	98.09 9.94 40.83	11.24 11.16 144.40	201.03 18.44 71.09	36.67 11.22 117.60	-102.58 10.95 250.24	-2.61 11.88 161.84	109.24 11.56 47.36	161.02 11.90 10.84
WATKINRD_115KV_LN8_ILLION 55919	72.76 2.13 0.00	53.63 1.48 0.00	48.86 1.29 0.00	48.62 1.29 0.00	67.23 1.79 0.00	51.41 1.38 0.00	76.57 2.08 0.00	63.87 1.74 0.00	55.74 1.56 -0.11	64.50 1.72 0.00	134.91 3.69 -1.86	145.16 4.04 -1.69	141.63 3.87 -3.33	139.85 3.88 -1.79	131.78 3.80 -1.71	128.83 3.66 -2.71	132.68 3.70 0.00	149.89 4.59 -0.82	262.06 7.82 -0.56	148.81 4.59 -1.17	140.94 4.23 0.00	151.98 4.28 -0.35	149.20 4.16 0.00	164.69 4.72 0.00
WATSON__69_KV_BK 1 55734	85.62 6.89 -8.09	57.59 4.77 -0.67	51.78 4.21 0.00	51.50 4.18 0.00	71.27 5.82 0.00	60.34 4.59 -5.72	92.50 6.59 -11.42	74.41 5.55 -6.73	58.93 4.86 0.00	68.36 5.58 0.00	141.57 12.20 0.00	152.64 13.22 0.00	147.72 13.28 0.00	146.64 12.46 0.00	138.75 12.49 0.00	145.34 12.86 -10.02	152.13 13.81 -9.33	165.60 15.88 -5.24	282.83 24.86 -4.28	194.89 15.48 -36.37	183.35 15.32 -31.32	199.10 15.69 -36.06	182.28 15.44 -21.80	174.29 14.32 0.00
WDELAWARE__HYD 323627	81.92 3.40 -7.88	55.25 2.37 -0.72	49.65 2.08 0.00	49.39 2.06 0.00	68.29 2.84 0.00	58.51 2.34 -6.14	90.31 3.56 -12.25	72.39 3.03 -7.22	56.92 2.85 0.00	66.03 3.25 0.00	136.66 7.30 0.00	147.35 7.93 0.00	142.23 7.79 0.00	141.57 7.39 0.00	133.34 7.08 0.00	129.63 7.17 0.00	136.64 7.66 0.00	153.67 9.19 0.00	269.61 15.93 0.00	152.44 9.39 0.00	145.64 8.93 0.00	156.64 9.29 0.00	153.83 8.79 0.00	168.89 8.93 0.00

WEST BABYLON___IC 23714	85.32 6.60 -8.09	57.39 4.57 -0.67	51.59 4.02 0.00	51.28 3.95 0.00	70.96 5.51 0.00	60.09 4.34 -5.72	92.17 6.25 -11.42	74.15 5.28 -6.73	58.70 4.63 0.00	68.14 5.36 0.00	141.24 11.88 0.00	152.28 12.86 0.00	147.36 12.92 0.00	146.37 12.18 0.00	138.44 12.18 0.00	144.95 12.47 -10.02	151.69 13.37 -9.33	161.05 15.34 -1.23	278.89 24.23 -0.98	167.54 15.14 -9.35	173.95 14.95 -22.29	171.59 15.47 -8.77	165.66 15.12 -5.50	173.91 13.94 0.00
WEST CANADA___HYD 24049	71.37 0.74 0.00	52.67 0.52 0.00	48.04 0.48 0.00	47.80 0.47 0.00	66.04 0.60 0.00	50.47 0.44 0.00	75.15 0.65 0.00	62.64 0.50 0.00	54.67 0.49 -0.11	63.33 0.56 0.00	132.51 1.28 -1.86	142.51 1.40 -1.69	139.24 1.47 -3.33	137.45 1.48 -1.79	129.40 1.42 -1.71	126.49 1.32 -2.71	130.27 1.29 0.00	146.78 1.48 -0.82	256.79 2.55 -0.56	145.76 1.54 -1.17	138.08 1.37 0.00	149.15 1.45 -0.35	146.36 1.32 0.00	161.43 1.47 0.00
WESTERN_NY_WIND 24143	67.20 -4.73 -1.29	48.69 -3.46 0.00	44.24 -3.33 0.00	44.09 -3.24 0.00	61.23 -4.22 0.00	46.99 -3.03 0.00	69.95 -4.55 0.00	58.23 -3.91 0.00	50.85 -3.22 0.00	59.27 -3.51 0.00	114.02 -10.51 4.83	127.43 -11.99 0.00	122.83 -11.61 0.00	123.44 -10.74 0.00	116.18 -10.08 0.00	112.67 -9.79 0.00	119.57 -9.41 0.00	134.34 -10.14 0.00	240.57 -13.10 0.00	134.28 -8.77 0.00	128.10 -8.61 0.00	135.05 -12.29 0.00	133.57 -11.48 0.00	148.61 -11.35 0.00
WESTOVER___LESR 323668	73.16 -0.66 -3.19	51.77 -0.70 -0.31	46.88 -0.69 0.00	46.70 -0.63 0.00	64.57 -0.87 0.00	52.12 -0.58 -2.67	78.96 -0.87 -5.33	64.60 -0.67 -3.14	53.66 -0.41 0.00	62.30 -0.48 0.00	124.42 -1.91 3.04	137.62 -1.80 0.00	132.58 -1.86 0.00	132.57 -1.61 0.00	124.78 -1.48 0.00	120.92 -1.53 0.00	127.93 -1.05 0.00	143.60 -0.87 0.00	252.54 -1.14 0.00	142.60 -0.45 0.00	135.98 -0.73 0.00	145.60 -1.75 0.00	143.48 -1.57 0.00	158.26 -1.71 0.00
WETHRSFD_WT_PWR 323626	66.95 -5.51 -1.84	47.74 -4.58 -0.18	43.07 -4.50 0.00	42.98 -4.35 0.00	59.59 -5.86 0.00	47.14 -4.38 -1.49	70.57 -6.91 -2.98	58.18 -5.71 -1.76	49.27 -4.80 0.00	57.37 -5.41 0.00	104.35 -14.54 10.47	126.94 -12.48 0.00	122.66 -11.77 0.00	123.03 -11.15 0.00	115.74 -10.52 0.00	112.05 -10.41 0.00	119.03 -9.95 0.00	133.36 -11.12 0.00	237.54 -16.14 0.00	133.14 -9.91 0.00	126.63 -10.08 0.00	134.39 -12.96 0.00	133.09 -11.96 0.00	147.76 -12.20 0.00
WHAVSTOR_138KV_BK127 55557	82.35 3.90 -7.81	55.50 2.70 -0.65	49.94 2.37 0.00	49.64 2.32 0.00	68.60 3.15 0.00	58.10 2.56 -5.51	89.20 3.70 -11.00	71.73 3.12 -6.48	56.96 2.89 0.00	66.03 3.25 0.00	137.09 7.73 0.00	147.80 8.38 0.00	142.85 8.41 0.00	142.25 8.07 0.00	134.17 7.91 0.00	130.13 7.67 0.00	136.88 7.90 0.00	153.55 9.07 0.00	268.95 15.27 0.00	152.16 9.11 0.00	145.47 8.76 0.00	156.69 9.35 0.00	154.19 9.14 0.00	169.50 9.53 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	82.35 3.90 -7.81	55.50 2.70 -0.65	49.94 2.37 0.00	49.64 2.32 0.00	68.60 3.15 0.00	58.10 2.56 -5.51	89.20 3.70 -11.00	71.73 3.12 -6.48	56.96 2.89 0.00	66.03 3.25 0.00	137.09 7.73 0.00	147.80 8.38 0.00	142.85 8.41 0.00	142.25 8.07 0.00	134.17 7.91 0.00	130.13 7.67 0.00	136.88 7.90 0.00	153.55 9.07 0.00	268.95 15.27 0.00	152.16 9.11 0.00	145.47 8.76 0.00	156.69 9.35 0.00	154.19 9.14 0.00	169.50 9.53 0.00
WHITEHAL_115KV_TB1 80871	118.53 8.44 -39.46	65.22 5.74 -7.33	52.80 5.22 0.00	52.65 5.32 0.00	72.79 7.34 0.00	118.30 5.96 -62.30	207.73 8.88 -124.36	142.74 7.33 -73.28	60.38 6.31 0.00	69.85 7.07 0.00	143.74 14.38 0.00	155.35 15.93 0.00	149.27 14.83 0.00	150.10 15.92 0.00	140.54 14.28 0.00	137.17 14.71 0.00	145.01 16.03 0.00	163.37 18.89 0.00	285.81 32.13 0.00	161.02 17.97 0.00	153.37 16.66 0.00	163.75 16.41 0.00	160.37 15.32 0.00	177.10 17.14 0.00
WHITEPLN_13_KV_LOAD 356215	83.80 5.09 -8.08	56.36 3.55 -0.67	50.67 3.10 0.00	50.39 3.06 0.00	69.64 4.20 0.00	59.11 3.37 -5.71	90.86 4.96 -11.40	73.04 4.19 -6.72	57.94 3.87 0.00	67.21 4.43 0.00	139.59 10.23 0.00	150.56 11.14 0.00	145.55 11.11 0.00	145.02 10.83 0.00	136.74 10.48 0.00	132.65 10.19 0.00	139.64 10.66 0.00	156.73 12.25 0.00	274.39 20.72 0.00	155.27 12.22 0.00	148.39 11.68 0.00	159.75 12.41 0.00	157.11 12.07 0.00	172.46 12.50 0.00
WM_FLOYD_69_KV_BK2 356380	85.43 6.71 -8.09	57.44 4.62 -0.67	51.64 4.07 0.00	51.36 4.03 0.00	71.10 5.65 0.00	60.23 4.48 -5.72	92.31 6.39 -11.42	74.26 5.40 -6.73	58.76 4.69 0.00	68.19 5.41 0.00	141.14 11.78 0.00	152.27 12.85 0.00	147.04 12.60 0.00	145.39 11.21 0.00	137.51 11.25 0.00	144.16 11.68 -10.02	151.43 13.12 -9.33	174.61 15.34 -14.79	289.22 23.40 -12.13	258.74 15.03 -100.66	204.33 14.80 -52.82	263.79 15.44 -101.00	220.69 15.06 -60.59	173.40 13.44 0.00
WOODARD__115KV_TB2 355635	68.77 -1.86 0.00	50.72 -1.44 0.00	46.35 -1.23 0.00	46.14 -1.19 0.00	63.64 -1.81 0.00	48.72 -1.31 0.00	72.58 -1.92 0.00	60.59 -1.55 0.00	52.83 -1.24 0.00	61.42 -1.36 0.00	125.97 -3.39 0.00	135.66 -3.77 0.00	130.64 -3.80 0.00	130.61 -3.57 0.00	122.96 -3.31 0.00	119.22 -3.24 0.00	125.91 -3.07 0.00	141.36 -3.12 0.00	249.32 -4.36 0.00	140.40 -2.65 0.00	133.87 -2.84 0.00	143.38 -3.96 0.00	141.05 -3.99 0.00	155.57 -4.39 0.00
YORK___WARBASSE 23770	99.29 5.24 -23.43	99.12 3.69 -43.27	100.01 3.24 -49.20	100.60 3.19 -50.09	99.64 4.36 -29.84	99.39 3.44 -45.92	101.44 4.94 -22.01	102.45 4.22 -36.09	101.07 3.93 -43.07	101.90 4.40 -34.72	206.01 10.47 -66.17	201.15 11.41 -50.32	146.55 11.47 -0.64	145.23 11.04 0.00	144.53 10.67 -7.60	132.59 10.13 0.00	339.92 10.56 -200.38	864.88 11.78 -708.63	622.53 19.97 -348.88	732.26 12.10 -577.12	1376.38 11.61 -1228.06	954.23 12.68 -794.21	389.98 12.48 -232.45	225.93 12.79 -53.18