

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/12/2025

[illegible]

ALBANY___2 23572	125.70 4.16 0.00	115.47 3.91 0.00	115.57 3.90 0.00	79.43 2.75 0.00	103.28 3.61 0.00	84.08 2.85 0.00	132.53 4.23 0.00	152.89 4.86 0.00	118.66 3.70 0.00	122.30 3.71 0.00	111.70 3.49 0.00	106.06 3.24 0.00	103.86 3.14 0.00	87.69 2.50 0.00	96.29 2.25 0.00	142.16 2.63 0.00	132.38 2.53 0.00	133.04 2.42 0.00	110.20 2.29 0.00	116.54 2.46 0.00	107.27 2.21 0.00	97.17 2.14 0.00	109.27 2.89 0.00	112.24 2.94 0.00
ALBANY___3 23573	125.70 4.16 0.00	115.47 3.91 0.00	115.57 3.90 0.00	79.43 2.75 0.00	103.28 3.61 0.00	84.08 2.85 0.00	132.53 4.23 0.00	152.89 4.86 0.00	118.66 3.70 0.00	122.30 3.71 0.00	111.70 3.49 0.00	106.06 3.24 0.00	103.86 3.14 0.00	87.69 2.50 0.00	96.29 2.25 0.00	142.16 2.63 0.00	132.38 2.53 0.00	133.04 2.42 0.00	110.20 2.29 0.00	116.54 2.46 0.00	107.27 2.21 0.00	97.17 2.14 0.00	109.27 2.89 0.00	112.24 2.94 0.00
ALBANY___4 23574	125.70 4.16 0.00	115.47 3.91 0.00	115.57 3.90 0.00	79.43 2.75 0.00	103.28 3.61 0.00	84.08 2.85 0.00	132.53 4.23 0.00	152.89 4.86 0.00	118.66 3.70 0.00	122.30 3.71 0.00	111.70 3.49 0.00	106.06 3.24 0.00	103.86 3.14 0.00	87.69 2.50 0.00	96.29 2.25 0.00	142.16 2.63 0.00	132.38 2.53 0.00	133.04 2.42 0.00	110.20 2.29 0.00	116.54 2.46 0.00	107.27 2.21 0.00	97.17 2.14 0.00	109.27 2.89 0.00	112.24 2.94 0.00
ALBANY___LFGE 323615	126.91 5.38 0.00	116.50 4.94 0.00	116.64 4.97 0.00	80.14 3.47 0.00	104.23 4.57 0.00	84.88 3.65 0.00	133.85 5.55 0.00	154.48 6.45 0.00	119.93 4.97 0.00	123.56 4.97 0.00	112.89 4.68 0.00	107.15 4.33 0.00	104.99 4.26 0.00	88.65 3.47 0.00	97.39 3.35 0.00	143.81 4.28 0.00	133.97 4.12 0.00	134.66 4.04 0.00	111.46 3.55 0.00	117.80 3.72 0.00	108.40 3.34 0.00	98.16 3.13 0.00	110.30 3.92 0.00	113.25 3.95 0.00
ALCOA_PA_115KV_PL-6C 55860	123.38 1.84 0.00	113.28 1.72 0.00	113.25 1.58 0.00	77.78 1.11 0.00	100.72 1.06 0.00	82.31 1.08 0.00	129.33 1.03 0.00	149.22 1.19 0.00	116.11 1.15 0.00	119.76 1.17 0.00	109.32 1.11 0.00	104.12 1.30 0.00	102.15 1.43 0.00	86.50 1.32 0.00	95.65 1.61 0.00	141.64 2.11 0.00	131.23 1.38 0.00	131.84 1.23 0.00	108.99 1.07 0.00	115.08 1.00 0.00	106.42 1.36 0.00	96.88 1.85 0.00	108.36 1.98 0.00	111.29 1.99 0.00
ALCOA_RYNLDS___DRP 24188	123.38 1.84 0.00	113.28 1.72 0.00	113.25 1.58 0.00	77.78 1.11 0.00	100.72 1.06 0.00	82.31 1.08 0.00	129.33 1.03 0.00	149.22 1.19 0.00	116.11 1.15 0.00	119.76 1.17 0.00	109.32 1.11 0.00	104.12 1.30 0.00	102.15 1.43 0.00	86.50 1.32 0.00	95.65 1.61 0.00	141.64 2.11 0.00	131.23 1.38 0.00	131.84 1.23 0.00	108.99 1.07 0.00	115.08 1.00 0.00	106.42 1.36 0.00	96.88 1.85 0.00	108.36 1.98 0.00	111.29 1.99 0.00
ALCOA___DSASP 323711	123.38 1.84 0.00	113.28 1.72 0.00	113.25 1.58 0.00	77.78 1.11 0.00	100.72 1.06 0.00	82.31 1.08 0.00	129.33 1.03 0.00	149.22 1.19 0.00	116.11 1.15 0.00	119.76 1.17 0.00	109.32 1.11 0.00	104.12 1.30 0.00	102.15 1.43 0.00	86.50 1.32 0.00	95.65 1.61 0.00	141.64 2.11 0.00	131.23 1.38 0.00	131.84 1.23 0.00	108.99 1.07 0.00	115.08 1.00 0.00	106.42 1.36 0.00	96.88 1.85 0.00	108.36 1.98 0.00	111.29 1.99 0.00
ALLEGHENY___COGEN 23514	108.99 -12.54 0.00	100.18 -11.38 0.00	100.91 -10.76 0.00	70.29 -6.39 0.00	90.23 -9.44 0.00	73.76 -7.46 0.00	114.16 -14.14 0.00	132.92 -15.11 0.00	104.29 -10.68 0.00	105.88 -12.72 0.00	96.34 -11.88 0.00	92.14 -10.68 0.00	90.86 -9.86 0.00	77.94 -7.25 0.00	85.01 -9.04 0.00	123.03 -13.79 2.71	115.92 -11.17 2.77	112.87 -11.58 6.16	97.53 -9.80 0.59	102.59 -11.49 0.00	94.54 -10.09 0.43	84.98 -8.98 1.08	94.00 -10.52 1.86	98.76 -9.50 1.04
ALTAMONT_115KV_TB 2 55880	124.87 3.34 0.00	114.73 3.17 0.00	114.87 3.20 0.00	78.93 2.26 0.00	102.64 2.97 0.00	83.52 2.30 0.00	131.87 3.57 0.00	152.07 4.04 0.00	117.99 3.03 0.00	121.67 3.08 0.00	111.02 2.81 0.00	105.38 2.55 0.00	103.22 2.50 0.00	87.18 1.99 0.00	96.04 1.99 0.00	142.17 2.64 0.00	132.43 2.58 0.00	133.22 2.60 0.00	110.26 2.35 0.00	116.63 2.55 0.00	107.23 2.17 0.00	97.04 2.00 0.00	108.79 2.41 0.00	111.72 2.41 0.00
ALTONA_WT_PWR 323606	120.23 -1.30 0.00	111.15 -0.41 0.00	110.97 -0.70 0.00	76.23 -0.45 0.00	98.61 -1.06 0.00	80.66 -0.56 0.00	127.07 -1.24 0.00	146.51 -1.52 0.00	114.06 -0.90 0.00	117.92 -0.67 0.00	107.69 -0.52 0.00	102.66 -0.16 0.00	100.97 0.25 0.00	85.77 0.58 0.00	94.82 0.77 0.00	140.45 0.92 0.00	131.03 1.18 0.00	131.74 1.13 0.00	109.51 1.60 0.00	115.94 1.86 0.00	107.25 2.19 0.00	97.46 2.43 0.00	108.88 2.50 0.00	111.43 2.13 0.00
AMERICAN_REF_FUEL 24010	113.59 -7.95 0.00	102.57 -7.80 1.19	104.18 -7.48 0.00	69.30 -5.40 1.97	92.69 -6.98 0.00	72.56 -7.31 1.35	114.78 -13.53 0.00	131.97 -16.06 0.00	101.10 -12.05 1.81	105.96 -12.63 0.00	96.87 -11.34 0.00	93.03 -9.79 0.00	91.55 -9.17 0.00	77.93 -7.26 0.00	83.44 -9.11 1.50	111.71 -12.11 15.70	101.48 -12.33 16.04	83.50 -11.38 35.73	92.01 -12.48 3.43	99.60 -14.48 0.00	89.91 -12.67 2.48	78.05 -10.73 6.25	84.33 -11.28 10.77	92.91 -10.36 6.03
ARKWRIGHT___SUMMIT_WT_PWR 323751	116.38 -5.15 0.00	104.60 -5.28 1.69	107.39 -4.28 0.00	70.56 -3.33 2.80	94.94 -4.73 0.00	73.80 -5.50 1.92	119.84 -8.46 0.00	139.58 -8.44 0.00	106.40 -5.99 2.57	112.41 -6.18 0.00	102.48 -5.73 0.00	97.90 -4.92 0.00	96.75 -3.98 0.00	81.87 -3.32 0.00	86.79 -5.12 2.13	111.55 -6.77 21.22	100.22 -7.95 21.67	73.61 -8.73 48.28	95.12 -8.16 4.63	104.71 -9.37 0.00	92.89 -8.82 3.35	78.55 -8.03 8.44	83.43 -8.39 14.55	92.20 -8.96 8.15
ARTHUR KILL_GT_1 23520	126.42 4.88 0.00	115.33 3.77 0.00	115.60 3.93 0.00	80.01 3.33 0.00	103.50 3.83 0.00	85.15 3.92 0.00	135.15 6.85 0.00	156.38 8.35 0.00	121.35 6.39 0.00	125.20 6.61 0.00	113.94 5.73 0.00	107.66 4.84 0.00	105.19 4.46 0.00	88.51 3.32 0.00	97.75 3.71 0.00	144.83 5.29 0.00	136.25 6.40 0.00	137.76 7.14 0.00	113.97 6.05 0.00	119.98 5.90 0.00	109.57 4.52 0.00	98.58 3.55 0.00	110.21 3.83 0.00	112.73 3.43 0.00
ARTHUR_KILL_2 23512	126.03 4.50 0.00	114.98 3.42 0.00	115.25 3.58 0.00	79.76 3.08 0.00	103.18 3.52 0.00	84.88 3.65 0.00	134.71 6.40 0.00	155.85 7.82 0.00	120.97 6.01 0.00	124.81 6.22 0.00	113.61 5.40 0.00	107.36 4.54 0.00	104.90 4.17 0.00	88.28 3.10 0.01	97.43 3.40 0.01	144.37 4.84 0.00	135.70 5.85 0.00	137.23 6.61 0.00	113.58 5.67 0.00	119.55 5.46 0.00	109.17 4.11 0.00	98.22 3.19 0.00	109.83 3.45 0.00	112.40 3.10 0.00
ARTHUR_KILL_3 23513	125.51 3.97 0.00	114.59 3.03 0.00	114.75 3.08 0.00	79.10 2.43 0.00	102.80 3.13 0.00	84.42 3.20 0.00	134.15 5.85 0.00	155.41 7.38 0.00	120.71 5.75 0.00	124.66 6.07 0.00	113.43 5.22 0.00	107.39 4.57 0.00	104.91 4.18 0.00	88.38 3.19 0.00	97.57 3.53 0.00	144.61 5.08 0.00	135.65 5.80 0.00	136.91 6.29 0.00	113.46 5.54 0.00	120.10 6.02 0.00	109.74 4.68 0.00	98.64 3.61 0.00	110.29 3.91 0.00	112.89 3.59 0.00

ARTHUR_KILL_COGEN 323718	126.43 4.90 0.00	115.33 3.77 0.00	115.59 3.92 0.00	80.00 3.33 0.00	103.50 3.83 0.00	85.16 3.94 0.00	135.14 6.84 0.00	156.38 8.35 0.00	121.35 6.39 0.00	125.20 6.61 0.00	113.93 5.72 0.00	107.66 4.84 0.00	105.19 4.47 0.00	88.51 3.33 0.01	97.72 3.68 0.01	144.84 5.31 0.00	136.17 6.31 0.00	137.71 7.09 0.00	113.95 6.04 0.00	119.96 5.88 0.00	109.57 4.52 0.00	98.57 3.54 0.00	110.19 3.81 0.00	112.74 3.44 0.00
ASHOKAN____ 23654	129.96 8.42 0.00	119.19 7.63 0.00	119.25 7.58 0.00	82.02 5.34 0.00	106.74 7.07 0.00	87.19 5.97 0.00	138.41 10.11 0.00	160.28 12.25 0.00	124.33 9.37 0.00	127.36 8.76 0.00	115.66 7.45 0.00	109.56 6.74 0.00	106.99 6.26 0.00	90.84 5.65 0.00	100.19 6.14 0.00	149.21 9.67 0.00	139.66 9.81 0.00	140.87 10.26 0.00	116.51 8.60 0.00	123.07 9.00 0.00	112.85 7.80 0.00	101.64 6.61 0.00	113.67 7.29 0.00	116.34 7.04 0.00
ASTORIA_EAST_ENERGY_CC1 323581	125.49 3.96 0.00	114.45 2.89 0.00	114.78 3.12 0.00	79.25 2.57 0.00	102.86 3.19 0.00	84.53 3.31 0.00	133.99 5.69 0.00	155.50 7.47 0.00	120.79 5.82 0.00	124.70 6.10 0.00	113.47 5.26 0.00	107.39 4.57 0.00	104.94 4.21 0.00	88.36 3.18 0.00	97.57 3.53 0.00	144.59 5.06 0.00	135.67 5.82 0.00	136.86 6.25 0.00	113.59 5.67 0.00	120.19 6.11 0.00	109.84 4.78 0.00	98.81 3.78 0.00	110.52 4.14 0.00	113.11 3.81 0.00
ASTORIA_EAST_ENERGY_CC2 323582	125.49 3.96 0.00	114.45 2.89 0.00	114.78 3.12 0.00	79.25 2.57 0.00	102.86 3.19 0.00	84.53 3.31 0.00	133.99 5.69 0.00	155.50 7.47 0.00	120.79 5.82 0.00	124.70 6.10 0.00	113.47 5.26 0.00	107.39 4.57 0.00	104.94 4.21 0.00	88.36 3.18 0.00	97.57 3.53 0.00	144.58 5.05 0.00	135.67 5.82 0.00	136.86 6.25 0.00	113.59 5.67 0.00	120.19 6.11 0.00	109.84 4.78 0.00	98.81 3.78 0.00	110.52 4.14 0.00	113.11 3.81 0.00
ASTORIA_GT2_1 24094	125.55 4.02 0.00	114.51 2.95 0.00	114.85 3.18 0.00	79.30 2.62 0.00	102.92 3.25 0.00	84.58 3.35 0.00	134.03 5.72 0.00	155.60 7.57 0.00	120.83 5.87 0.00	124.75 6.16 0.00	113.55 5.34 0.00	107.47 4.64 0.00	104.97 4.24 0.00	88.42 3.23 0.00	97.65 3.60 0.00	144.67 5.13 0.00	135.76 5.91 0.00	136.93 6.32 0.00	113.66 5.74 0.00	120.27 6.19 0.00	109.91 4.85 0.00	98.86 3.83 0.00	110.57 4.20 0.00	113.16 3.85 0.00
ASTORIA_GT2_2 24095	125.55 4.02 0.00	114.51 2.95 0.00	114.85 3.18 0.00	79.30 2.62 0.00	102.92 3.25 0.00	84.58 3.35 0.00	134.03 5.72 0.00	155.60 7.57 0.00	120.83 5.87 0.00	124.75 6.16 0.00	113.55 5.34 0.00	107.47 4.64 0.00	104.97 4.24 0.00	88.42 3.23 0.00	97.65 3.60 0.00	144.67 5.13 0.00	135.76 5.91 0.00	136.93 6.32 0.00	113.66 5.74 0.00	120.27 6.19 0.00	109.91 4.85 0.00	98.86 3.83 0.00	110.57 4.20 0.00	113.16 3.85 0.00
ASTORIA_GT2_3 24096	125.55 4.02 0.00	114.51 2.95 0.00	114.85 3.18 0.00	79.30 2.62 0.00	102.92 3.25 0.00	84.58 3.35 0.00	134.03 5.72 0.00	155.60 7.57 0.00	120.83 5.87 0.00	124.75 6.16 0.00	113.55 5.34 0.00	107.47 4.64 0.00	104.97 4.24 0.00	88.42 3.23 0.00	97.65 3.60 0.00	144.67 5.13 0.00	135.76 5.91 0.00	136.93 6.32 0.00	113.66 5.74 0.00	120.27 6.19 0.00	109.91 4.85 0.00	98.86 3.83 0.00	110.57 4.20 0.00	113.16 3.85 0.00
ASTORIA_GT2_4 24097	125.55 4.02 0.00	114.51 2.95 0.00	114.85 3.18 0.00	79.30 2.62 0.00	102.92 3.25 0.00	84.58 3.35 0.00	134.03 5.72 0.00	155.60 7.57 0.00	120.83 5.87 0.00	124.75 6.16 0.00	113.55 5.34 0.00	107.47 4.64 0.00	104.97 4.24 0.00	88.42 3.23 0.00	97.65 3.60 0.00	144.67 5.13 0.00	135.76 5.91 0.00	136.93 6.32 0.00	113.66 5.74 0.00	120.27 6.19 0.00	109.91 4.85 0.00	98.86 3.83 0.00	110.57 4.20 0.00	113.16 3.85 0.00
ASTORIA_GT3_1 24098	125.55 4.02 0.00	114.51 2.95 0.00	114.85 3.18 0.00	79.30 2.62 0.00	102.92 3.25 0.00	84.58 3.35 0.00	134.03 5.72 0.00	155.60 7.57 0.00	120.83 5.87 0.00	124.75 6.16 0.00	113.55 5.34 0.00	107.47 4.64 0.00	104.97 4.24 0.00	88.42 3.23 0.00	97.65 3.60 0.00	144.67 5.13 0.00	135.76 5.91 0.00	136.93 6.32 0.00	113.66 5.74 0.00	120.27 6.19 0.00	109.91 4.85 0.00	98.86 3.83 0.00	110.57 4.20 0.00	113.16 3.85 0.00
ASTORIA_GT3_2 24099	125.55 4.02 0.00	114.51 2.95 0.00	114.85 3.18 0.00	79.30 2.62 0.00	102.92 3.25 0.00	84.58 3.35 0.00	134.03 5.72 0.00	155.60 7.57 0.00	120.83 5.87 0.00	124.75 6.16 0.00	113.55 5.34 0.00	107.47 4.64 0.00	104.97 4.24 0.00	88.42 3.23 0.00	97.65 3.60 0.00	144.67 5.13 0.00	135.76 5.91 0.00	136.93 6.32 0.00	113.66 5.74 0.00	120.27 6.19 0.00	109.91 4.85 0.00	98.86 3.83 0.00	110.57 4.20 0.00	113.16 3.85 0.00
ASTORIA_GT3_3 24100	125.55 4.02 0.00	114.51 2.95 0.00	114.85 3.18 0.00	79.30 2.62 0.00	102.92 3.25 0.00	84.58 3.35 0.00	134.03 5.72 0.00	155.60 7.57 0.00	120.83 5.87 0.00	124.75 6.16 0.00	113.55 5.34 0.00	107.47 4.64 0.00	104.97 4.24 0.00	88.42 3.23 0.00	97.65 3.60 0.00	144.67 5.13 0.00	135.76 5.91 0.00	136.93 6.32 0.00	113.66 5.74 0.00	120.27 6.19 0.00	109.91 4.85 0.00	98.86 3.83 0.00	110.57 4.20 0.00	113.16 3.85 0.00
ASTORIA_GT3_4 24101	125.55 4.02 0.00	114.51 2.95 0.00	114.85 3.18 0.00	79.30 2.62 0.00	102.92 3.25 0.00	84.58 3.35 0.00	134.03 5.72 0.00	155.60 7.57 0.00	120.83 5.87 0.00	124.75 6.16 0.00	113.55 5.34 0.00	107.47 4.64 0.00	104.97 4.24 0.00	88.42 3.23 0.00	97.65 3.60 0.00	144.67 5.13 0.00	135.76 5.91 0.00	136.93 6.32 0.00	113.66 5.74 0.00	120.27 6.19 0.00	109.91 4.85 0.00	98.86 3.83 0.00	110.57 4.20 0.00	113.16 3.85 0.00
ASTORIA_GT4_1 24102	125.55 4.02 0.00	114.51 2.95 0.00	114.85 3.18 0.00	79.30 2.62 0.00	102.92 3.25 0.00	84.58 3.35 0.00	134.03 5.72 0.00	155.60 7.57 0.00	120.83 5.87 0.00	124.75 6.16 0.00	113.55 5.34 0.00	107.47 4.64 0.00	104.97 4.24 0.00	88.42 3.23 0.00	97.65 3.60 0.00	144.67 5.13 0.00	135.76 5.91 0.00	136.93 6.32 0.00	113.66 5.74 0.00	120.27 6.19 0.00	109.91 4.85 0.00	98.86 3.83 0.00	110.57 4.20 0.00	113.16 3.85 0.00
ASTORIA_GT4_2 24103	125.55 4.02 0.00	114.51 2.95 0.00	114.85 3.18 0.00	79.30 2.62 0.00	102.92 3.25 0.00	84.58 3.35 0.00	134.03 5.72 0.00	155.60 7.57 0.00	120.83 5.87 0.00	124.75 6.16 0.00	113.55 5.34 0.00	107.47 4.64 0.00	104.97 4.24 0.00	88.42 3.23 0.00	97.65 3.60 0.00	144.67 5.13 0.00	135.76 5.91 0.00	136.93 6.32 0.00	113.66 5.74 0.00	120.27 6.19 0.00	109.91 4.85 0.00	98.86 3.83 0.00	110.57 4.20 0.00	113.16 3.85 0.00
ASTORIA_GT4_3 24104	125.55 4.02 0.00	114.51 2.95 0.00	114.85 3.18 0.00	79.30 2.62 0.00	102.92 3.25 0.00	84.58 3.35 0.00	134.03 5.72 0.00	155.60 7.57 0.00	120.83 5.87 0.00	124.75 6.16 0.00	113.55 5.34 0.00	107.47 4.64 0.00	104.97 4.24 0.00	88.42 3.23 0.00	97.65 3.60 0.00	144.67 5.13 0.00	135.76 5.91 0.00	136.93 6.32 0.00	113.66 5.74 0.00	120.27 6.19 0.00	109.91 4.85 0.00	98.86 3.83 0.00	110.57 4.20 0.00	113.16 3.85 0.00

ASTORIA_GT4_4 24105	125.55 4.02 0.00	114.51 2.95 0.00	114.85 3.18 0.00	79.30 2.62 0.00	102.92 3.25 0.00	84.58 3.35 0.00	134.03 5.72 0.00	155.60 7.57 0.00	120.83 5.87 0.00	124.75 6.16 0.00	113.55 5.34 0.00	107.47 4.64 0.00	104.97 4.24 0.00	88.42 3.23 0.00	97.65 3.60 0.00	144.67 5.13 0.00	135.76 5.91 0.00	136.93 6.32 0.00	113.66 5.74 0.00	120.27 6.19 0.00	109.91 4.85 0.00	98.86 3.83 0.00	110.57 4.20 0.00	113.16 3.85 0.00
ASTORIA_GT_1 23523	125.78 4.25 0.00	114.73 3.16 0.00	115.07 3.40 0.00	79.44 2.76 0.00	103.10 3.43 0.00	84.73 3.51 0.00	134.28 5.98 0.00	155.93 7.90 0.00	121.09 6.13 0.00	125.06 6.46 0.00	113.79 5.58 0.00	107.68 4.86 0.00	105.21 4.49 0.00	88.62 3.43 0.00	97.84 3.80 0.00	144.98 5.45 0.00	136.08 6.23 0.00	137.26 6.64 0.00	113.92 6.00 0.00	120.53 6.45 0.00	110.13 5.07 0.00	99.06 4.03 0.00	110.79 4.41 0.00	113.37 4.07 0.00
ASTORIA_GT_10 24110	125.85 4.32 0.00	114.92 3.36 0.00	115.15 3.48 0.00	79.43 2.75 0.00	103.12 3.45 0.00	84.72 3.49 0.00	134.60 6.30 0.00	156.01 7.98 0.00	121.19 6.23 0.00	125.18 6.58 0.00	113.89 5.68 0.00	107.78 4.96 0.00	105.28 4.56 0.00	88.72 3.53 0.00	97.97 3.92 0.00	145.04 5.51 0.00	136.10 6.25 0.00	137.32 6.71 0.00	113.74 5.82 0.00	120.24 6.16 0.00	109.87 4.81 0.00	98.90 3.87 0.00	110.52 4.14 0.00	113.04 3.74 0.00
ASTORIA_GT_11 24225	125.85 4.32 0.00	114.92 3.36 0.00	115.15 3.48 0.00	79.43 2.75 0.00	103.12 3.45 0.00	84.72 3.49 0.00	134.60 6.30 0.00	156.01 7.98 0.00	121.19 6.23 0.00	125.18 6.58 0.00	113.89 5.68 0.00	107.78 4.96 0.00	105.28 4.56 0.00	88.72 3.53 0.00	97.97 3.92 0.00	145.04 5.51 0.00	136.10 6.25 0.00	137.32 6.71 0.00	113.74 5.82 0.00	120.24 6.16 0.00	109.87 4.81 0.00	98.90 3.87 0.00	110.52 4.14 0.00	113.04 3.74 0.00
ASTORIA_GT_12 24226	125.85 4.32 0.00	114.92 3.36 0.00	115.15 3.48 0.00	79.43 2.75 0.00	103.12 3.45 0.00	84.72 3.49 0.00	134.60 6.30 0.00	156.01 7.98 0.00	121.19 6.23 0.00	125.18 6.58 0.00	113.89 5.68 0.00	107.78 4.96 0.00	105.28 4.56 0.00	88.72 3.53 0.00	97.97 3.92 0.00	145.04 5.51 0.00	136.10 6.25 0.00	137.32 6.71 0.00	113.74 5.82 0.00	120.24 6.16 0.00	109.87 4.81 0.00	98.90 3.87 0.00	110.52 4.14 0.00	113.04 3.74 0.00
ASTORIA_GT_13 24227	125.85 4.32 0.00	114.92 3.36 0.00	115.15 3.48 0.00	79.43 2.75 0.00	103.12 3.45 0.00	84.72 3.49 0.00	134.60 6.30 0.00	156.01 7.98 0.00	121.19 6.23 0.00	125.18 6.58 0.00	113.89 5.68 0.00	107.78 4.96 0.00	105.28 4.56 0.00	88.72 3.53 0.00	97.97 3.92 0.00	145.04 5.51 0.00	136.10 6.25 0.00	137.32 6.71 0.00	113.74 5.82 0.00	120.24 6.16 0.00	109.87 4.81 0.00	98.90 3.87 0.00	110.52 4.14 0.00	113.04 3.74 0.00
ASTORIA_GT_5 24106	125.78 4.25 0.00	114.73 3.16 0.00	115.07 3.40 0.00	79.44 2.76 0.00	103.10 3.43 0.00	84.73 3.51 0.00	134.28 5.98 0.00	155.93 7.90 0.00	121.09 6.13 0.00	125.06 6.46 0.00	113.79 5.58 0.00	107.68 4.86 0.00	105.21 4.49 0.00	88.62 3.43 0.00	97.84 3.80 0.00	144.98 5.45 0.00	136.08 6.23 0.00	137.26 6.64 0.00	113.92 6.00 0.00	120.53 6.45 0.00	110.13 5.07 0.00	99.06 4.03 0.00	110.79 4.41 0.00	113.37 4.07 0.00
ASTORIA_GT_7 24107	125.78 4.25 0.00	114.73 3.16 0.00	115.07 3.40 0.00	79.44 2.76 0.00	103.10 3.43 0.00	84.73 3.51 0.00	134.28 5.98 0.00	155.93 7.90 0.00	121.09 6.13 0.00	125.06 6.46 0.00	113.79 5.58 0.00	107.68 4.86 0.00	105.21 4.49 0.00	88.62 3.43 0.00	97.84 3.80 0.00	144.98 5.45 0.00	136.08 6.23 0.00	137.26 6.64 0.00	113.92 6.00 0.00	120.53 6.45 0.00	110.13 5.07 0.00	99.06 4.03 0.00	110.79 4.41 0.00	113.37 4.07 0.00
ASTORIA_GT_8 24108	125.78 4.25 0.00	114.73 3.16 0.00	115.07 3.40 0.00	79.44 2.76 0.00	103.10 3.43 0.00	84.73 3.51 0.00	134.28 5.98 0.00	155.93 7.90 0.00	121.09 6.13 0.00	125.06 6.46 0.00	113.79 5.58 0.00	107.68 4.86 0.00	105.21 4.49 0.00	88.62 3.43 0.00	97.84 3.80 0.00	144.98 5.45 0.00	136.08 6.23 0.00	137.26 6.64 0.00	113.92 6.00 0.00	120.53 6.45 0.00	110.13 5.07 0.00	99.06 4.03 0.00	110.79 4.41 0.00	113.37 4.07 0.00
ASTORIA___2 24149	125.55 4.02 0.00	114.52 2.96 0.00	114.84 3.18 0.00	79.30 2.62 0.00	102.93 3.26 0.00	84.57 3.35 0.00	134.01 5.72 0.00	155.61 7.58 0.00	120.82 5.86 0.00	124.75 6.16 0.00	113.54 5.33 0.00	107.47 4.65 0.00	104.98 4.25 0.00	88.43 3.24 0.00	97.63 3.59 0.00	144.67 5.14 0.00	135.74 5.89 0.00	136.92 6.31 0.00	113.65 5.74 0.00	120.22 6.14 0.00	109.90 4.84 0.00	98.84 3.81 0.00	110.58 4.20 0.00	113.17 3.87 0.00
ASTORIA___3 23516	125.84 4.31 0.00	114.92 3.36 0.00	115.15 3.49 0.00	79.42 2.75 0.00	103.11 3.44 0.00	84.72 3.50 0.00	134.60 6.30 0.00	155.99 7.97 0.00	121.20 6.24 0.00	125.18 6.58 0.00	113.87 5.66 0.00	107.78 4.96 0.00	105.28 4.55 0.00	88.71 3.53 0.00	97.93 3.88 0.00	145.06 5.53 0.00	136.08 6.23 0.00	137.30 6.68 0.00	113.72 5.81 0.00	120.22 6.14 0.00	109.85 4.79 0.00	98.87 3.84 0.00	110.49 4.11 0.00	113.04 3.74 0.00
ASTORIA___4 23517	125.84 4.31 0.00	114.92 3.36 0.00	115.15 3.48 0.00	79.43 2.75 0.00	103.12 3.45 0.00	84.72 3.49 0.00	134.60 6.30 0.00	156.00 7.97 0.00	121.19 6.23 0.00	125.18 6.58 0.00	113.89 5.68 0.00	107.78 4.96 0.00	105.27 4.55 0.00	88.71 3.53 0.00	97.95 3.91 0.00	145.03 5.49 0.00	136.10 6.25 0.00	137.31 6.70 0.00	113.74 5.82 0.00	120.24 6.16 0.00	109.87 4.81 0.00	98.90 3.87 0.00	110.52 4.14 0.00	113.03 3.73 0.00
ASTORIA___5 23518	125.85 4.32 0.00	114.92 3.36 0.00	115.15 3.49 0.00	79.42 2.75 0.00	103.12 3.45 0.00	84.72 3.50 0.00	134.60 6.30 0.00	156.00 7.97 0.00	121.20 6.24 0.00	125.18 6.58 0.00	113.88 5.67 0.00	107.78 4.96 0.00	105.28 4.55 0.00	88.72 3.53 0.00	97.93 3.89 0.00	145.06 5.53 0.00	136.08 6.23 0.00	137.30 6.68 0.00	113.72 5.81 0.00	120.22 6.14 0.00	109.85 4.79 0.00	98.87 3.84 0.00	110.49 4.11 0.00	113.04 3.74 0.00
AST_ENERGY_2_CC3 323677	124.14 2.60 0.00	113.23 1.67 0.00	113.73 2.06 0.00	78.65 1.97 0.00	102.06 2.40 0.00	83.91 2.69 0.00	132.96 4.66 0.00	154.36 6.33 0.00	119.89 4.93 0.00	123.80 5.21 0.00	112.84 4.62 0.00	106.78 3.96 0.00	104.33 3.60 0.00	87.85 2.66 0.00	97.01 2.96 0.00	143.77 4.23 0.00	134.88 5.03 0.00	135.91 5.29 0.00	112.96 5.05 0.00	119.54 5.45 0.00	109.19 4.13 0.00	98.08 3.05 0.00	109.72 3.34 0.00	112.28 2.98 0.00
AST_ENERGY_2_CC4 323678	124.14 2.60 0.00	113.23 1.67 0.00	113.73 2.06 0.00	78.65 1.97 0.00	102.06 2.40 0.00	83.91 2.69 0.00	132.96 4.66 0.00	154.36 6.33 0.00	119.89 4.93 0.00	123.80 5.21 0.00	112.84 4.62 0.00	106.78 3.96 0.00	104.33 3.60 0.00	87.85 2.66 0.00	97.01 2.96 0.00	143.77 4.23 0.00	134.88 5.03 0.00	135.91 5.29 0.00	112.96 5.05 0.00	119.54 5.45 0.00	109.19 4.13 0.00	98.08 3.05 0.00	109.72 3.34 0.00	112.28 2.98 0.00

ATHENS_STG_1 23668	125.05 3.52 0.00	114.81 3.25 0.00	114.98 3.31 0.00	79.08 2.40 0.00	102.78 3.11 0.00	83.79 2.57 0.00	132.66 4.35 0.00	153.03 5.01 0.00	118.80 3.84 0.00	122.71 4.11 0.00	111.90 3.69 0.00	106.08 3.26 0.00	103.76 3.03 0.00	87.55 2.37 0.00	96.50 2.46 0.00	142.90 3.37 0.00	133.30 3.45 0.00	134.28 3.66 0.00	111.24 3.32 0.00	117.79 3.70 0.00	107.99 2.93 0.00	97.45 2.42 0.00	109.04 2.66 0.00	112.00 2.70 0.00
ATHENS_STG_2 23670	125.05 3.52 0.00	114.81 3.25 0.00	114.98 3.31 0.00	79.08 2.40 0.00	102.78 3.11 0.00	83.79 2.57 0.00	132.66 4.35 0.00	153.03 5.01 0.00	118.80 3.84 0.00	122.71 4.11 0.00	111.90 3.69 0.00	106.08 3.26 0.00	103.76 3.03 0.00	87.55 2.37 0.00	96.50 2.46 0.00	142.90 3.37 0.00	133.30 3.45 0.00	134.28 3.66 0.00	111.24 3.32 0.00	117.79 3.70 0.00	107.99 2.93 0.00	97.45 2.42 0.00	109.04 2.66 0.00	112.00 2.70 0.00
ATHENS_STG_3 23677	125.05 3.52 0.00	114.81 3.25 0.00	114.98 3.31 0.00	79.08 2.40 0.00	102.78 3.11 0.00	83.79 2.57 0.00	132.66 4.35 0.00	153.03 5.01 0.00	118.80 3.84 0.00	122.71 4.11 0.00	111.90 3.69 0.00	106.08 3.26 0.00	103.76 3.03 0.00	87.55 2.37 0.00	96.50 2.46 0.00	142.90 3.37 0.00	133.30 3.45 0.00	134.28 3.66 0.00	111.24 3.32 0.00	117.79 3.70 0.00	107.99 2.93 0.00	97.45 2.42 0.00	109.04 2.66 0.00	112.00 2.70 0.00
AUBURN___LFGE 323710	120.79 -0.74 0.00	110.79 -0.77 0.00	110.67 -1.00 0.00	75.84 -0.84 0.00	98.78 -0.89 0.00	80.29 -0.93 0.00	127.65 -0.65 0.00	147.48 -0.55 0.00	114.49 -0.47 0.00	117.90 -0.70 0.00	107.44 -0.77 0.00	102.18 -0.64 0.00	99.97 -0.76 0.00	84.49 -0.70 0.00	93.27 -0.78 0.00	138.53 -1.00 0.00	129.45 -0.40 0.00	130.11 -0.51 0.00	107.34 -0.57 0.00	113.29 -0.79 0.00	103.79 -1.27 0.00	94.01 -1.02 0.00	105.25 -1.14 0.00	108.30 -1.00 0.00
BABYLON_RES_REC 323704	128.51 6.97 0.00	117.34 5.78 0.00	117.87 6.20 0.00	81.19 4.52 0.00	105.56 5.89 0.00	87.02 5.80 0.00	138.69 9.23 -1.15	160.16 10.26 -1.87	123.90 8.40 -0.54	126.86 8.23 -0.03	115.48 7.27 0.00	108.94 6.11 0.00	106.47 5.74 0.00	90.02 4.83 0.00	100.02 5.98 0.00	148.61 8.58 -0.49	139.80 9.60 -0.35	140.78 9.73 -0.43	119.72 8.84 -2.97	123.80 9.48 -0.24	124.71 7.87 -11.79	126.77 6.55 -25.18	122.27 7.56 -8.33	116.58 7.27 0.00
BALL_HILL_WT_PWR 323825	115.86 -5.68 0.00	104.23 -5.83 1.51	106.50 -5.16 0.00	70.17 -4.01 2.50	94.48 -5.19 0.00	73.99 -5.52 1.72	119.07 -9.23 0.00	137.79 -10.24 0.00	105.03 -7.63 2.30	110.54 -8.05 0.00	100.97 -7.25 0.00	96.57 -6.25 0.00	95.23 -5.49 0.00	80.78 -4.41 0.00	86.09 -6.06 1.90	112.20 -7.66 19.67	101.61 -8.15 20.09	77.68 -8.19 44.75	95.12 -8.50 4.29	104.30 -9.78 0.00	93.12 -8.83 3.11	79.22 -7.98 7.83	84.45 -8.44 13.49	93.53 -8.22 7.55
BARON_WINDS___WT_PWR 323822	113.58 -7.95 0.00	104.55 -7.40 -0.39	104.73 -6.94 0.00	72.21 -5.11 -0.64	92.90 -6.77 0.00	75.29 -6.38 -0.44	118.02 -10.28 0.00	136.30 -11.72 0.00	106.42 -9.13 -0.59	108.78 -9.82 0.00	99.39 -8.82 0.00	94.25 -8.58 0.00	92.90 -7.83 0.00	79.00 -6.19 0.00	87.20 -7.34 -0.49	135.06 -8.84 -4.37	126.28 -8.03 -4.47	132.94 -7.62 -9.95	101.33 -7.53 -0.95	105.59 -8.49 0.00	97.96 -7.79 -0.69	89.68 -7.09 -1.74	101.46 -7.91 -3.00	103.86 -7.12 -1.68
BARRETT_IC_1 23704	127.35 5.82 0.00	116.51 4.95 0.00	116.87 5.21 0.00	80.50 3.82 0.00	104.68 5.01 0.00	86.14 4.92 0.00	135.84 7.54 0.00	156.34 8.31 0.00	122.08 7.12 0.00	125.92 7.32 0.00	114.77 6.55 -0.01	108.46 5.63 -0.01	106.05 5.32 -0.01	89.54 4.34 -0.01	99.19 5.14 -0.01	146.65 7.11 -0.01	137.66 7.81 -0.01	138.56 7.94 0.00	118.07 7.19 -2.97	122.05 7.73 -0.24	123.22 6.36 -11.79	123.93 5.24 -23.66	119.27 6.22 -6.67	115.31 6.00 -0.01
BARRETT_IC_10 23701	127.35 5.82 0.00	116.51 4.95 0.00	116.87 5.21 0.00	80.50 3.82 0.00	104.68 5.01 0.00	86.14 4.92 0.00	135.84 7.54 0.00	156.34 8.31 0.00	122.08 7.12 0.00	125.92 7.32 0.00	114.77 6.55 -0.01	108.46 5.63 -0.01	106.05 5.32 -0.01	89.54 4.34 -0.01	99.19 5.14 -0.01	146.65 7.11 -0.01	137.66 7.81 -0.01	138.56 7.94 0.00	118.07 7.19 -2.97	122.05 7.73 -0.24	123.22 6.36 -11.79	123.93 5.24 -23.66	119.27 6.22 -6.67	115.31 6.00 -0.01
BARRETT_IC_11 23702	127.35 5.82 0.00	116.51 4.95 0.00	116.87 5.21 0.00	80.50 3.82 0.00	104.68 5.01 0.00	86.14 4.92 0.00	135.84 7.54 0.00	156.34 8.31 0.00	122.08 7.12 0.00	125.92 7.32 0.00	114.77 6.55 -0.01	108.46 5.63 -0.01	106.05 5.32 -0.01	89.54 4.34 -0.01	99.19 5.14 -0.01	146.65 7.11 -0.01	137.66 7.81 -0.01	138.56 7.94 0.00	118.07 7.19 -2.97	122.05 7.73 -0.24	123.22 6.36 -11.79	123.93 5.24 -23.66	119.27 6.22 -6.67	115.31 6.00 -0.01
BARRETT_IC_12 23703	127.35 5.82 0.00	116.51 4.95 0.00	116.87 5.21 0.00	80.50 3.82 0.00	104.68 5.01 0.00	86.14 4.92 0.00	135.84 7.54 0.00	156.34 8.31 0.00	122.08 7.12 0.00	125.92 7.32 0.00	114.77 6.55 -0.01	108.46 5.63 -0.01	106.05 5.32 -0.01	89.54 4.34 -0.01	99.19 5.14 -0.01	146.65 7.11 -0.01	137.66 7.81 -0.01	138.56 7.94 0.00	118.07 7.19 -2.97	122.05 7.73 -0.24	123.22 6.36 -11.79	123.93 5.24 -23.66	119.27 6.22 -6.67	115.31 6.00 -0.01
BARRETT_IC_2 23705	127.35 5.82 0.00	116.51 4.95 0.00	116.87 5.21 0.00	80.50 3.82 0.00	104.68 5.01 0.00	86.14 4.92 0.00	135.84 7.54 0.00	156.34 8.31 0.00	122.08 7.12 0.00	125.92 7.32 0.00	114.77 6.55 -0.01	108.46 5.63 -0.01	106.05 5.32 -0.01	89.54 4.34 -0.01	99.19 5.14 -0.01	146.65 7.11 -0.01	137.66 7.81 -0.01	138.56 7.94 0.00	118.07 7.19 -2.97	122.05 7.73 -0.24	123.22 6.36 -11.79	123.93 5.24 -23.66	119.27 6.22 -6.67	115.31 6.00 -0.01
BARRETT_IC_3 23706	127.35 5.82 0.00	116.51 4.95 0.00	116.87 5.21 0.00	80.50 3.82 0.00	104.68 5.01 0.00	86.14 4.92 0.00	135.84 7.54 0.00	156.34 8.31 0.00	122.08 7.12 0.00	125.92 7.32 0.00	114.77 6.55 -0.01	108.46 5.63 -0.01	106.05 5.32 -0.01	89.54 4.34 -0.01	99.19 5.14 -0.01	146.65 7.11 -0.01	137.66 7.81 -0.01	138.56 7.94 0.00	118.07 7.19 -2.97	122.05 7.73 -0.24	123.22 6.36 -11.79	123.93 5.24 -23.66	119.27 6.22 -6.67	115.31 6.00 -0.01
BARRETT_IC_4 23707	127.35 5.82 0.00	116.51 4.95 0.00	116.87 5.21 0.00	80.50 3.82 0.00	104.68 5.01 0.00	86.14 4.92 0.00	135.84 7.54 0.00	156.34 8.31 0.00	122.08 7.12 0.00	125.92 7.32 0.00	114.77 6.55 -0.01	108.46 5.63 -0.01	106.05 5.32 -0.01	89.54 4.34 -0.01	99.19 5.14 -0.01	146.65 7.11 -0.01	137.66 7.81 -0.01	138.56 7.94 0.00	118.07 7.19 -2.97	122.05 7.73 -0.24	123.22 6.36 -11.79	123.93 5.24 -23.66	119.27 6.22 -6.67	115.31 6.00 -0.01
BARRETT_IC_5 23708	127.35 5.82 0.00	116.51 4.95 0.00	116.87 5.21 0.00	80.50 3.82 0.00	104.68 5.01 0.00	86.14 4.92 0.00	135.84 7.54 0.00	156.34 8.31 0.00	122.08 7.12 0.00	125.92 7.32 0.00	114.77 6.55 -0.01	108.46 5.63 -0.01	106.05 5.32 -0.01	89.54 4.34 -0.01	99.19 5.14 -0.01	146.65 7.11 -0.01	137.66 7.81 -0.01	138.56 7.94 0.00	118.07 7.19 -2.97	122.05 7.73 -0.24	123.22 6.36 -11.79	123.93 5.24 -23.66	119.27 6.22 -6.67	115.31 6.00 -0.01

BARRETT_IC_6 23709	127.35 5.82 0.00	116.51 4.95 0.00	116.87 5.21 0.00	80.50 3.82 0.00	104.68 5.01 0.00	86.14 4.92 0.00	135.84 7.54 0.00	156.34 8.31 0.00	122.08 7.12 0.00	125.92 7.32 0.00	114.77 6.55 -0.01	108.46 5.63 -0.01	106.05 5.32 -0.01	89.54 4.34 -0.01	99.19 5.14 -0.01	146.65 7.11 -0.01	137.66 7.81 -0.01	138.56 7.94 0.00	118.07 7.19 -2.97	122.05 7.73 -0.24	123.22 6.36 -11.79	123.93 5.24 -23.66	119.27 6.22 -6.67	115.31 6.00 -0.01
BARRETT_IC_7 23710	127.34 5.81 0.00	116.52 4.96 0.00	116.87 5.20 0.00	80.50 3.83 0.00	104.68 5.01 0.00	86.13 4.91 0.00	135.84 7.54 0.00	156.32 8.30 0.00	122.09 7.13 0.00	125.92 7.32 0.00	114.77 6.55 -0.01	108.46 5.63 -0.01	106.05 5.32 -0.01	89.54 4.34 -0.01	99.19 5.14 -0.01	146.57 7.04 -0.01	137.67 7.81 -0.01	138.58 7.96 0.00	118.07 7.19 -2.97	122.06 7.74 -0.24	123.22 6.37 -11.79	123.94 5.25 -23.66	119.28 6.23 -6.67	115.28 5.98 -0.01
BARRETT_IC_8 23711	127.35 5.82 0.00	116.51 4.95 0.00	116.87 5.21 0.00	80.50 3.82 0.00	104.68 5.01 0.00	86.14 4.92 0.00	135.84 7.54 0.00	156.34 8.31 0.00	122.08 7.12 0.00	125.92 7.32 0.00	114.77 6.55 -0.01	108.46 5.63 -0.01	106.05 5.32 -0.01	89.54 4.34 -0.01	99.19 5.14 -0.01	146.65 7.11 -0.01	137.66 7.81 -0.01	138.56 7.94 0.00	118.07 7.19 -2.97	122.05 7.73 -0.24	123.22 6.36 -11.79	123.93 5.24 -23.66	119.27 6.22 -6.67	115.31 6.00 -0.01
BARRETT_IC_9 23700	127.35 5.82 0.00	116.51 4.95 0.00	116.87 5.21 0.00	80.50 3.82 0.00	104.68 5.01 0.00	86.14 4.92 0.00	135.84 7.54 0.00	156.34 8.31 0.00	122.08 7.12 0.00	125.92 7.32 0.00	114.77 6.55 -0.01	108.46 5.63 -0.01	106.05 5.32 -0.01	89.54 4.34 -0.01	99.19 5.14 -0.01	146.65 7.11 -0.01	137.66 7.81 -0.01	138.56 7.94 0.00	118.07 7.19 -2.97	122.05 7.73 -0.24	123.22 6.36 -11.79	123.93 5.24 -23.66	119.27 6.22 -6.67	115.31 6.00 -0.01
BARRETT___1 23545	127.35 5.82 0.00	116.51 4.95 0.00	116.87 5.21 0.00	80.50 3.82 0.00	104.68 5.01 0.00	86.14 4.92 0.00	135.84 7.54 0.00	156.34 8.31 0.00	122.08 7.12 0.00	125.92 7.32 0.00	114.77 6.55 -0.01	108.46 5.63 -0.01	106.05 5.32 -0.01	89.54 4.34 -0.01	99.19 5.14 -0.01	146.65 7.11 -0.01	137.66 7.81 -0.01	138.56 7.94 0.00	118.07 7.19 -2.97	122.05 7.73 -0.24	123.22 6.36 -11.79	123.93 5.24 -23.66	119.27 6.22 -6.67	115.31 6.00 -0.01
BARRETT___2 23546	127.35 5.82 0.00	116.51 4.95 0.00	116.87 5.21 0.00	80.50 3.82 0.00	104.68 5.01 0.00	86.14 4.92 0.00	135.84 7.54 0.00	156.34 8.31 0.00	122.08 7.12 0.00	125.92 7.32 0.00	114.77 6.55 -0.01	108.46 5.63 -0.01	106.05 5.32 -0.01	89.54 4.34 -0.01	99.19 5.14 -0.01	146.65 7.11 -0.01	137.66 7.81 -0.01	138.56 7.94 0.00	118.07 7.19 -2.97	122.05 7.73 -0.24	123.22 6.36 -11.79	123.93 5.24 -23.66	119.27 6.22 -6.67	115.31 6.00 -0.01
BATAVIA__115KV_TB1 55881	118.63 -2.90 0.00	108.31 -3.25 0.00	108.76 -2.91 0.00	74.42 -2.26 0.00	96.95 -2.72 0.00	77.88 -3.34 0.00	122.14 -6.17 0.00	140.98 -7.05 0.00	109.67 -5.29 0.00	112.68 -5.92 0.00	102.65 -5.56 0.00	97.59 -5.23 0.00	95.42 -5.30 0.00	81.14 -4.05 0.00	88.07 -5.97 0.00	133.90 -5.63 0.00	124.85 -5.00 0.00	126.56 -4.05 0.00	101.98 -5.94 0.00	106.19 -7.89 0.00	96.73 -8.32 0.00	87.72 -7.31 0.00	98.44 -7.94 0.00	102.25 -7.06 0.00
BAYONEEC___CTG1 323682	126.13 4.60 0.00	115.17 3.61 0.00	115.35 3.68 0.00	79.51 2.83 0.00	103.32 3.65 0.00	84.84 3.62 0.00	134.79 6.49 0.00	156.15 8.11 0.00	121.30 6.34 0.00	125.27 6.68 0.00	113.95 5.74 0.00	107.89 5.07 0.00	105.41 4.69 0.00	88.83 3.64 0.00	98.07 4.02 0.00	145.33 5.80 0.00	136.28 6.43 0.00	137.54 6.92 0.00	113.93 6.02 0.00	120.52 6.44 0.00	110.11 5.05 0.00	99.00 3.97 0.00	110.70 4.32 0.00	113.34 4.04 0.00
BAYONEEC___CTG10 323750	126.13 4.60 0.00	115.17 3.61 0.00	115.35 3.68 0.00	79.51 2.83 0.00	103.32 3.65 0.00	84.84 3.62 0.00	134.79 6.49 0.00	156.15 8.11 0.00	121.30 6.34 0.00	125.27 6.68 0.00	113.95 5.74 0.00	107.89 5.07 0.00	105.41 4.69 0.00	88.83 3.64 0.00	98.07 4.02 0.00	145.33 5.80 0.00	136.28 6.43 0.00	137.54 6.92 0.00	113.93 6.02 0.00	120.52 6.44 0.00	110.11 5.05 0.00	99.00 3.97 0.00	110.70 4.32 0.00	113.34 4.04 0.00
BAYONEEC___CTG2 323683	126.13 4.60 0.00	115.17 3.61 0.00	115.35 3.68 0.00	79.51 2.83 0.00	103.32 3.65 0.00	84.84 3.62 0.00	134.79 6.49 0.00	156.15 8.11 0.00	121.30 6.34 0.00	125.27 6.68 0.00	113.95 5.74 0.00	107.89 5.07 0.00	105.41 4.69 0.00	88.83 3.64 0.00	98.07 4.02 0.00	145.33 5.80 0.00	136.28 6.43 0.00	137.54 6.92 0.00	113.93 6.02 0.00	120.52 6.44 0.00	110.11 5.05 0.00	99.00 3.97 0.00	110.70 4.32 0.00	113.34 4.04 0.00
BAYONEEC___CTG3 323684	126.13 4.60 0.00	115.17 3.61 0.00	115.35 3.68 0.00	79.51 2.83 0.00	103.32 3.65 0.00	84.84 3.62 0.00	134.79 6.49 0.00	156.15 8.11 0.00	121.30 6.34 0.00	125.27 6.68 0.00	113.95 5.74 0.00	107.89 5.07 0.00	105.41 4.69 0.00	88.83 3.64 0.00	98.07 4.02 0.00	145.33 5.80 0.00	136.28 6.43 0.00	137.54 6.92 0.00	113.93 6.02 0.00	120.52 6.44 0.00	110.11 5.05 0.00	99.00 3.97 0.00	110.70 4.32 0.00	113.34 4.04 0.00
BAYONEEC___CTG4 323685	126.13 4.60 0.00	115.17 3.61 0.00	115.35 3.68 0.00	79.51 2.83 0.00	103.32 3.65 0.00	84.84 3.62 0.00	134.79 6.49 0.00	156.15 8.11 0.00	121.30 6.34 0.00	125.27 6.68 0.00	113.95 5.74 0.00	107.89 5.07 0.00	105.41 4.69 0.00	88.83 3.64 0.00	98.07 4.02 0.00	145.33 5.80 0.00	136.28 6.43 0.00	137.54 6.92 0.00	113.93 6.02 0.00	120.52 6.44 0.00	110.11 5.05 0.00	99.00 3.97 0.00	110.70 4.32 0.00	113.34 4.04 0.00
BAYONEEC___CTG5 323686	126.13 4.60 0.00	115.17 3.61 0.00	115.35 3.68 0.00	79.51 2.83 0.00	103.32 3.65 0.00	84.84 3.62 0.00	134.79 6.49 0.00	156.15 8.11 0.00	121.30 6.34 0.00	125.27 6.68 0.00	113.95 5.74 0.00	107.89 5.07 0.00	105.41 4.69 0.00	88.83 3.64 0.00	98.07 4.02 0.00	145.33 5.80 0.00	136.28 6.43 0.00	137.54 6.92 0.00	113.93 6.02 0.00	120.52 6.44 0.00	110.11 5.05 0.00	99.00 3.97 0.00	110.70 4.32 0.00	113.34 4.04 0.00
BAYONEEC___CTG6 323687	126.13 4.60 0.00	115.17 3.61 0.00	115.35 3.68 0.00	79.51 2.83 0.00	103.32 3.65 0.00	84.84 3.62 0.00	134.79 6.49 0.00	156.15 8.11 0.00	121.30 6.34 0.00	125.27 6.68 0.00	113.95 5.74 0.00	107.89 5.07 0.00	105.41 4.69 0.00	88.83 3.64 0.00	98.07 4.02 0.00	145.33 5.80 0.00	136.28 6.43 0.00	137.54 6.92 0.00	113.93 6.02 0.00	120.52 6.44 0.00	110.11 5.05 0.00	99.00 3.97 0.00	110.70 4.32 0.00	113.34 4.04 0.00
BAYONEEC___CTG7 323688	126.13 4.60 0.00	115.17 3.61 0.00	115.35 3.68 0.00	79.51 2.83 0.00	103.32 3.65 0.00	84.84 3.62 0.00	134.79 6.49 0.00	156.15 8.11 0.00	121.30 6.34 0.00	125.27 6.68 0.00	113.95 5.74 0.00	107.89 5.07 0.00	105.41 4.69 0.00	88.83 3.64 0.00	98.07 4.02 0.00	145.33 5.80 0.00	136.28 6.43 0.00	137.54 6.92 0.00	113.93 6.02 0.00	120.52 6.44 0.00	110.11 5.05 0.00	99.00 3.97 0.00	110.70 4.32 0.00	113.34 4.04 0.00

BAYONEEC___CTG8 323689	126.13 4.60 0.00	115.17 3.61 0.00	115.35 3.68 0.00	79.51 2.83 0.00	103.32 3.65 0.00	84.84 3.62 0.00	134.79 6.49 0.00	156.15 8.11 0.00	121.30 6.34 0.00	125.27 6.68 0.00	113.95 5.74 0.00	107.89 5.07 0.00	105.41 4.69 0.00	88.83 3.64 0.00	98.07 4.02 0.00	145.33 5.80 0.00	136.28 6.43 0.00	137.54 6.92 0.00	113.93 6.02 0.00	120.52 6.44 0.00	110.11 5.05 0.00	99.00 3.97 0.00	110.70 4.32 0.00	113.34 4.04 0.00
BAYONEEC___CTG9 323749	126.13 4.60 0.00	115.17 3.61 0.00	115.35 3.68 0.00	79.51 2.83 0.00	103.32 3.65 0.00	84.84 3.62 0.00	134.79 6.49 0.00	156.15 8.11 0.00	121.30 6.34 0.00	125.27 6.68 0.00	113.95 5.74 0.00	107.89 5.07 0.00	105.41 4.69 0.00	88.83 3.64 0.00	98.07 4.02 0.00	145.33 5.80 0.00	136.28 6.43 0.00	137.54 6.92 0.00	113.93 6.02 0.00	120.52 6.44 0.00	110.11 5.05 0.00	99.00 3.97 0.00	110.70 4.32 0.00	113.34 4.04 0.00
BEACON___LESR 323632	127.33 5.79 0.00	116.99 5.43 0.00	116.99 5.32 0.00	80.29 3.62 0.00	104.43 4.76 0.00	85.09 3.87 0.00	134.63 6.33 0.00	155.28 7.25 0.00	120.51 5.55 0.00	124.01 5.42 0.00	113.14 4.92 0.00	107.29 4.47 0.00	104.97 4.24 0.00	88.75 3.56 0.00	97.62 3.58 0.00	144.34 4.81 0.00	134.84 4.99 0.00	135.59 4.97 0.00	112.21 4.30 0.00	118.72 4.64 0.00	109.19 4.13 0.00	98.61 3.58 0.00	110.77 4.40 0.00	113.57 4.27 0.00
BEAVER RIVER___HYD 24048	121.39 -0.14 0.00	111.28 -0.28 0.00	112.05 0.39 0.00	75.88 -0.80 0.00	98.45 -1.22 0.00	80.50 -0.72 0.00	126.35 -1.95 0.00	146.48 -1.55 0.00	113.83 -1.13 0.00	117.56 -1.03 0.00	107.27 -0.94 0.00	101.89 -0.93 0.00	99.63 -1.09 0.00	84.29 -0.89 0.00	93.68 -0.37 0.00	139.06 -0.48 0.00	128.56 -1.29 0.00	130.39 -0.23 0.00	107.51 -0.40 0.00	113.54 -0.54 0.00	105.87 0.81 0.00	96.55 1.52 0.00	108.60 2.22 0.00	109.94 0.63 0.00
BEEBEE_GT_13 23619	118.15 -3.38 0.00	108.06 -3.50 0.00	108.54 -3.14 0.00	74.29 -2.39 0.00	96.72 -2.95 0.00	78.22 -3.00 0.00	123.30 -5.00 0.00	142.32 -5.71 0.00	110.74 -4.22 0.00	114.19 -4.41 0.00	104.25 -3.97 0.00	99.35 -3.48 0.00	97.44 -3.28 0.00	82.69 -2.50 0.00	90.55 -3.50 0.00	135.57 -3.96 0.00	125.86 -3.99 0.00	127.02 -3.60 0.00	103.34 -4.57 0.00	108.50 -5.58 0.00	100.04 -5.01 0.00	90.43 -4.60 0.00	101.31 -5.07 0.00	104.53 -4.77 0.00
BENSHRST_27_KV_BENSHRST_1 355998	126.71 5.18 0.00	115.70 4.13 0.00	115.88 4.21 0.00	79.95 3.27 0.00	103.76 4.09 0.00	85.28 4.05 0.00	135.56 7.26 0.00	157.07 9.04 0.00	122.06 7.09 0.00	126.02 7.43 0.00	114.68 6.46 0.00	108.49 5.66 0.00	105.98 5.25 0.00	89.26 4.07 0.00	98.57 4.52 0.00	146.02 6.49 0.00	137.13 7.28 0.00	138.43 7.81 0.00	114.66 6.75 0.00	121.23 7.15 0.00	110.71 5.66 0.00	99.58 4.55 0.00	111.27 4.89 0.00	113.81 4.50 0.00
BETHLEHEM___GRP 23843	125.70 4.16 0.00	115.47 3.91 0.00	115.57 3.90 0.00	79.43 2.75 0.00	103.28 3.61 0.00	84.08 2.85 0.00	132.53 4.23 0.00	152.89 4.86 0.00	118.66 3.70 0.00	122.30 3.71 0.00	111.70 3.49 0.00	106.06 3.24 0.00	103.86 3.14 0.00	87.69 2.50 0.00	96.29 2.25 0.00	142.16 2.63 0.00	132.38 2.53 0.00	133.04 2.42 0.00	110.20 2.29 0.00	116.54 2.46 0.00	107.27 2.21 0.00	97.17 2.14 0.00	109.27 2.89 0.00	112.24 2.94 0.00
BETHLEHEM___GS1 323560	125.70 4.16 0.00	115.47 3.91 0.00	115.57 3.90 0.00	79.42 2.75 0.00	103.27 3.60 0.00	84.07 2.85 0.00	132.52 4.23 0.00	152.89 4.86 0.00	118.68 3.72 0.00	122.30 3.71 0.00	111.70 3.49 0.00	106.04 3.22 0.00	103.87 3.14 0.00	87.69 2.50 0.00	96.28 2.24 0.00	142.13 2.59 0.00	132.39 2.54 0.00	133.05 2.43 0.00	110.19 2.28 0.00	116.54 2.46 0.00	107.27 2.21 0.00	97.16 2.13 0.00	109.27 2.89 0.00	112.25 2.95 0.00
BETHLEHEM___GS2 323561	125.70 4.16 0.00	115.47 3.91 0.00	115.57 3.90 0.00	79.42 2.75 0.00	103.27 3.60 0.00	84.07 2.85 0.00	132.52 4.23 0.00	152.89 4.86 0.00	118.68 3.72 0.00	122.30 3.71 0.00	111.70 3.49 0.00	106.04 3.22 0.00	103.87 3.14 0.00	87.69 2.50 0.00	96.28 2.24 0.00	142.13 2.59 0.00	132.39 2.54 0.00	133.05 2.43 0.00	110.19 2.28 0.00	116.54 2.46 0.00	107.27 2.21 0.00	97.16 2.13 0.00	109.27 2.89 0.00	112.25 2.95 0.00
BETHLEHEM___GS3 323562	125.70 4.16 0.00	115.47 3.91 0.00	115.57 3.90 0.00	79.42 2.75 0.00	103.27 3.60 0.00	84.07 2.85 0.00	132.52 4.23 0.00	152.89 4.86 0.00	118.68 3.72 0.00	122.30 3.71 0.00	111.70 3.49 0.00	106.04 3.22 0.00	103.87 3.14 0.00	87.69 2.50 0.00	96.28 2.24 0.00	142.13 2.59 0.00	132.39 2.54 0.00	133.05 2.43 0.00	110.19 2.28 0.00	116.54 2.46 0.00	107.27 2.21 0.00	97.16 2.13 0.00	109.27 2.89 0.00	112.25 2.95 0.00
BETHLEHEM___STEEL 23779	116.57 -4.96 0.00	106.19 -5.38 0.00	106.82 -4.85 0.00	72.94 -3.74 0.00	94.85 -4.82 0.00	76.15 -5.08 0.00	119.22 -9.08 0.00	137.36 -10.67 0.00	106.88 -8.08 0.00	110.12 -8.47 0.00	100.65 -7.56 0.00	96.47 -6.35 0.00	95.03 -5.69 0.00	80.70 -4.48 0.00	88.02 -6.02 0.00	132.29 -7.24 0.00	122.24 -7.61 0.00	123.60 -7.01 0.00	99.35 -8.57 0.00	103.98 -10.10 0.00	96.41 -8.65 0.00	87.38 -7.66 0.00	98.20 -8.18 0.00	101.80 -7.50 0.00
BETHLHEM_115KV_TB1 79974	125.51 3.98 0.00	115.30 3.74 0.00	115.43 3.76 0.00	79.33 2.65 0.00	103.16 3.49 0.00	83.96 2.74 0.00	132.40 4.10 0.00	152.73 4.70 0.00	118.54 3.58 0.00	122.19 3.60 0.00	111.60 3.38 0.00	105.93 3.10 0.00	103.73 3.00 0.00	87.58 2.40 0.00	96.26 2.22 0.00	142.18 2.65 0.00	132.44 2.59 0.00	133.14 2.52 0.00	110.26 2.35 0.00	116.60 2.52 0.00	107.29 2.24 0.00	97.14 2.11 0.00	109.21 2.83 0.00	112.16 2.86 0.00
BETHPAGE_CC_5 323564	127.56 6.02 0.00	116.53 4.96 0.00	116.95 5.28 0.00	80.58 3.90 0.00	104.74 5.07 0.00	86.29 5.07 0.00	136.94 8.04 -0.60	157.32 8.79 -0.50	122.55 7.35 -0.24	126.00 7.41 0.00	114.83 6.61 0.00	108.41 5.59 0.00	105.97 5.25 0.00	89.53 4.34 0.00	99.31 5.27 0.00	146.90 7.37 0.00	138.15 8.30 0.00	139.13 8.51 0.00	118.71 7.83 -2.97	122.73 8.40 -0.24	123.76 6.92 -11.79	124.35 5.67 -23.65	119.55 6.51 -6.66	115.54 6.24 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	117.10 -4.44 0.00	106.67 -4.89 0.00	107.29 -4.37 0.00	73.25 -3.42 0.00	95.25 -4.42 0.00	76.52 -4.70 0.00	119.90 -8.40 0.00	138.11 -9.91 0.00	107.46 -7.50 0.00	110.77 -7.83 0.00	101.21 -7.00 0.00	97.05 -5.77 0.00	95.59 -5.13 0.00	81.15 -4.04 0.00	88.55 -5.50 0.00	133.04 -6.49 0.00	123.01 -6.84 0.00	124.34 -6.27 0.00	99.91 -8.00 0.00	104.59 -9.49 0.00	96.97 -8.09 0.00	87.84 -7.20 0.00	98.70 -7.68 0.00	102.36 -6.94 0.00
BINGHAMTON___COGEN 23790	120.58 -0.95 0.00	110.62 -0.94 0.00	110.89 -0.78 0.00	76.04 -0.64 0.00	99.00 -0.67 0.00	80.40 -0.82 0.00	127.29 -1.01 0.00	147.01 -1.02 0.00	114.05 -0.91 0.00	117.57 -1.03 0.00	107.44 -0.77 0.00	101.99 -0.83 0.00	99.97 -0.75 0.00	84.56 -0.63 0.00	93.06 -0.98 0.00	138.54 -0.99 0.00	129.01 -0.84 0.00	129.89 -0.72 0.00	107.15 -0.76 0.00	113.12 -0.96 0.00	103.98 -1.08 0.00	93.84 -1.19 0.00	105.02 -1.36 0.00	108.06 -1.24 0.00

BIXINCNT_115KV_LOAD 355685	118.20 -3.33 0.00	107.32 -4.24 0.00	108.26 -3.40 0.00	73.60 -3.08 0.00	94.73 -4.93 0.00	76.50 -4.72 0.00	120.42 -7.88 0.00	138.29 -9.74 0.00	107.85 -7.11 0.00	112.05 -6.54 0.00	102.48 -5.74 0.00	98.51 -4.31 0.00	97.08 -3.64 0.00	82.10 -3.09 0.00	89.43 -4.61 0.00	134.76 -4.78 0.00	124.80 -5.05 0.00	125.64 -4.97 0.00	100.48 -7.43 0.00	105.49 -8.59 0.00	97.94 -7.12 0.00	88.38 -6.65 0.00	98.99 -7.39 0.00	103.91 -5.39 0.00
BLACK RIVER___HYD 24047	121.34 -0.19 0.00	110.95 -0.61 0.00	111.79 0.12 0.00	75.77 -0.91 0.00	98.50 -1.17 0.00	80.55 -0.67 0.00	126.99 -1.31 0.00	147.51 -0.52 0.00	114.68 -0.28 0.00	118.32 -0.27 0.00	107.82 -0.39 0.00	102.27 -0.55 0.00	99.89 -0.83 0.00	84.31 -0.88 0.00	93.82 -0.22 0.00	139.62 0.09 0.00	129.59 -0.26 0.00	131.66 1.05 0.00	108.64 0.73 0.00	115.06 0.98 0.00	106.62 1.57 0.00	97.47 2.44 0.00	109.39 3.02 0.00	110.36 1.06 0.00
BLACKRVR_115KV_TB2 79977	121.34 -0.19 0.00	110.95 -0.61 0.00	111.78 0.11 0.00	75.77 -0.91 0.00	98.50 -1.17 0.00	80.55 -0.67 0.00	126.99 -1.31 0.00	147.51 -0.52 0.00	114.68 -0.28 0.00	118.32 -0.27 0.00	107.82 -0.39 0.00	102.27 -0.55 0.00	99.89 -0.83 0.00	84.31 -0.88 0.00	93.81 -0.23 0.00	139.62 0.09 0.00	129.59 -0.27 0.00	131.66 1.05 0.00	108.64 0.73 0.00	115.06 0.98 0.00	106.62 1.57 0.00	97.47 2.44 0.00	109.38 3.01 0.00	110.36 1.06 0.00
BLDWN_LI_69_KV_BK4 356085	128.32 6.79 0.00	117.34 5.78 0.00	117.64 5.98 0.00	81.04 4.36 0.00	105.38 5.71 0.00	86.79 5.56 0.00	137.12 8.82 0.00	157.65 9.62 0.00	123.04 8.07 0.00	126.84 8.24 0.00	115.58 7.37 0.00	109.17 6.34 0.00	106.73 6.01 0.00	90.16 4.97 0.00	99.94 5.89 0.00	147.86 8.32 0.00	138.90 9.05 0.00	140.02 9.40 0.00	119.48 8.60 -2.97	123.58 9.25 -0.24	124.51 7.66 -11.79	125.01 6.33 -23.65	120.32 7.27 -6.66	116.23 6.92 0.00
BLISS_WT_PWR 323608	118.04 -3.50 0.00	105.28 -4.52 1.76	108.10 -3.56 0.00	70.44 -3.32 2.92	94.15 -5.52 0.00	74.07 -5.15 2.01	119.86 -8.45 0.00	137.43 -10.59 0.00	104.72 -7.56 2.68	111.79 -6.81 0.00	102.23 -5.98 0.00	98.41 -4.41 0.00	97.00 -3.72 0.00	81.94 -3.25 0.00	86.97 -4.86 2.22	112.76 -4.82 21.94	102.39 -5.04 22.42	75.64 -5.04 49.93	95.37 -7.76 4.79	105.21 -8.87 0.00	94.33 -7.26 3.47	79.45 -6.84 8.74	83.65 -7.67 15.05	95.56 -5.32 8.43
BLUESTONE___WT_PWR 323821	120.47 -1.07 0.00	110.61 -1.39 -0.44	110.59 -1.08 0.00	76.56 -0.85 -0.74	98.63 -1.04 0.00	80.96 -0.77 -0.51	127.97 -0.33 0.00	149.58 1.56 0.00	117.18 1.54 -0.68	119.51 0.92 0.00	109.27 1.05 0.00	104.08 1.26 0.00	102.83 2.10 0.00	86.47 1.29 0.00	96.46 1.86 -0.56	149.92 4.46 -5.93	140.17 4.27 -6.06	148.08 3.98 -13.49	111.75 2.54 -1.29	117.04 2.96 0.00	109.05 3.05 -0.94	100.28 2.89 -2.36	114.16 3.72 -4.06	115.61 4.04 -2.27
BLUE_CIRC_CHEM_DRP 24182	126.10 4.57 0.00	115.91 4.35 0.00	116.07 4.40 0.00	79.74 3.06 0.00	103.70 4.03 0.00	84.35 3.13 0.00	133.03 4.73 0.00	153.28 5.25 0.00	118.73 3.77 0.00	122.07 3.48 0.00	111.39 3.18 0.00	105.78 2.96 0.00	103.66 2.93 0.00	87.68 2.49 0.00	96.53 2.48 0.00	143.15 3.62 0.00	133.31 3.46 0.00	134.02 3.41 0.00	110.86 2.94 0.00	117.24 3.16 0.00	107.88 2.82 0.00	97.66 2.63 0.00	109.61 3.23 0.00	112.60 3.30 0.00
BOC_GAS_DRP 24189	124.63 3.10 0.00	114.54 2.98 0.00	114.66 3.00 0.00	78.80 2.12 0.00	102.45 2.79 0.00	83.36 2.14 0.00	131.60 3.30 0.00	151.74 3.71 0.00	117.75 2.79 0.00	121.51 2.91 0.00	110.89 2.67 0.00	105.27 2.45 0.00	103.08 2.35 0.00	87.08 1.89 0.00	95.90 1.86 0.00	141.94 2.41 0.00	132.17 2.32 0.00	132.95 2.33 0.00	110.05 2.13 0.00	116.40 2.32 0.00	107.02 1.96 0.00	96.86 1.83 0.00	108.60 2.21 0.00	111.52 2.21 0.00
BOONVILLE_115KV_TB1 79983	123.75 2.21 0.00	113.49 1.93 0.00	113.95 2.28 0.00	77.69 1.02 0.00	100.97 1.30 0.00	82.50 1.28 0.00	130.13 1.84 0.00	150.58 2.55 0.00	116.99 2.03 0.00	120.78 2.18 0.00	110.16 1.95 0.00	104.59 1.77 0.00	102.42 1.69 0.00	86.72 1.53 0.00	95.95 1.91 0.00	142.49 2.96 0.00	132.29 2.44 0.00	133.68 3.06 0.00	110.21 2.30 0.00	116.29 2.22 0.00	107.80 2.74 0.00	97.66 2.62 0.00	109.35 2.96 0.00	111.42 2.11 0.00
BORALEX_4TH_BRANCH 23824	129.45 7.92 0.00	118.79 7.23 0.00	118.91 7.24 0.00	81.74 5.06 0.00	106.29 6.62 0.00	86.50 5.27 0.00	136.40 8.10 0.00	157.43 9.40 0.00	122.28 7.32 0.00	125.64 7.04 0.00	114.45 6.24 0.00	108.77 5.95 0.00	106.72 5.99 0.00	90.05 4.87 0.00	99.40 5.36 0.00	147.21 7.68 0.00	136.90 7.05 0.00	137.82 7.20 0.00	114.00 6.09 0.00	120.43 6.35 0.00	110.89 5.84 0.00	100.27 5.23 0.00	112.24 5.86 0.00	114.80 5.50 0.00
BOWLINE___1 23526	124.50 2.97 0.00	113.76 2.20 0.00	113.98 2.31 0.00	78.50 1.82 0.00	102.06 2.39 0.00	83.64 2.41 0.00	132.83 4.52 0.00	153.58 5.56 0.00	119.22 4.26 0.00	123.05 4.46 0.00	112.05 3.84 0.00	106.07 3.25 0.00	103.61 2.89 0.00	87.30 2.12 0.00	96.43 2.38 0.00	143.00 3.47 0.00	134.03 4.18 0.00	135.21 4.18 0.00	112.12 4.60 0.00	118.74 4.66 0.00	108.58 3.53 0.00	97.64 2.61 0.00	109.13 2.75 0.00	111.87 2.57 0.00
BOWLINE___2 23595	124.55 3.01 0.00	113.81 2.25 0.00	113.99 2.32 0.00	78.50 1.82 0.00	102.06 2.39 0.00	83.65 2.43 0.00	132.84 4.54 0.00	153.60 5.57 0.00	119.22 4.26 0.00	123.06 4.47 0.00	112.08 3.86 0.00	106.08 3.26 0.00	103.64 2.91 0.00	87.30 2.12 0.00	96.43 2.39 0.00	143.00 3.47 0.00	134.03 4.18 0.00	135.24 4.63 0.00	112.12 4.20 0.00	118.77 4.69 0.00	108.61 3.55 0.00	97.66 2.63 0.00	109.15 2.77 0.00	111.89 2.59 0.00
BRADY___115KV_TB2 356060	124.68 3.15 0.00	114.59 3.03 0.00	114.58 2.91 0.00	78.69 2.01 0.00	101.76 2.09 0.00	83.17 1.95 0.00	130.48 2.18 0.00	150.69 2.66 0.00	117.26 2.30 0.00	120.85 2.26 0.00	110.29 2.08 0.00	104.97 2.15 0.00	102.97 2.24 0.00	87.12 1.93 0.00	96.27 2.22 0.00	142.65 3.12 0.00	132.30 2.45 0.00	133.01 2.39 0.00	110.03 2.11 0.00	116.01 1.93 0.00	107.35 2.29 0.00	97.80 2.77 0.00	109.39 3.01 0.00	112.30 3.00 0.00
BRANSCOMB___SOLAR 323811	129.07 7.54 0.00	118.59 7.03 0.00	118.67 7.00 0.00	81.57 4.89 0.00	106.11 6.44 0.00	86.60 5.38 0.00	137.05 8.75 0.00	158.31 10.28 0.00	122.76 7.80 0.00	126.01 7.41 0.00	114.64 6.42 0.00	108.88 6.05 0.00	106.76 6.03 0.00	90.40 5.21 0.00	99.80 5.75 0.00	147.90 8.36 0.00	138.17 8.32 0.00	139.00 8.38 0.00	114.88 6.96 0.00	121.31 7.23 0.00	111.39 6.33 0.00	100.74 5.71 0.00	112.60 6.22 0.00	115.27 5.96 0.00
BRDGHMPT_69_KV_BK1 55812	129.56 8.02 0.00	118.20 6.64 0.00	118.83 7.15 0.00	81.94 5.27 0.00	106.64 6.97 0.00	88.17 6.95 0.00	165.54 11.42 -25.82	187.30 12.24 -27.03	135.49 9.80 -10.73	127.62 8.84 -0.18	115.40 7.19 0.00	108.75 5.93 0.00	106.30 5.57 0.00	89.96 4.77 0.00	100.46 6.42 0.00	151.75 9.34 -2.88	142.40 10.49 -2.06	143.67 10.51 -2.54	120.24 9.36 -2.97	124.33 10.01 -0.24	125.75 8.91 -11.79	161.28 7.64 -58.60	160.28 9.04 -44.85	117.76 8.46 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	129.29 7.75 0.00	118.05 6.49 0.00	118.68 7.01 0.00	81.81 5.13 0.00	106.36 6.69 0.00	87.69 6.47 0.00	140.69 9.96 -2.42	165.88 11.28 -6.57	125.40 9.08 -1.35	127.67 8.92 -0.16	116.09 7.88 0.00	109.57 6.75 0.00	107.09 6.37 0.00	90.54 5.35 0.00	100.66 6.61 0.00	151.57 9.57 -2.46	142.17 10.55 -1.76	143.20 10.42 -2.17	120.18 9.30 -2.97	124.27 9.95 -0.24	125.24 8.40 -11.79	129.04 7.14 -26.87	124.83 8.28 -10.18	117.37 8.07 0.00
BRISTLHL_115KV_TB1 79998	117.31 -4.22 0.00	107.68 -3.88 0.00	107.90 -3.77 0.00	74.14 -2.54 0.00	96.46 -3.21 0.00	78.51 -2.72 0.00	124.24 -4.06 0.00	143.45 -4.58 0.00	111.41 -3.55 0.00	114.92 -3.68 0.00	104.86 -3.36 0.00	99.64 -3.18 0.00	97.60 -3.13 0.00	82.58 -2.61 0.00	91.02 -3.02 0.00	135.32 -4.21 0.00	125.86 -3.99 0.00	126.81 -3.81 0.00	104.49 -3.42 0.00	110.22 -3.86 0.00	101.43 -3.63 0.00	91.68 -3.35 0.00	102.72 -3.66 0.00	105.66 -3.64 0.00
BROOKHAVEN___DRP 24191	129.10 7.56 0.00	117.88 6.32 0.00	118.44 6.77 0.00	81.66 4.98 0.00	106.20 6.53 0.00	87.65 6.42 0.00	164.50 10.34 -25.86	186.29 11.12 -27.14	134.76 9.05 -10.75	127.23 8.45 -0.19	115.37 7.16 0.00	108.79 5.97 0.00	106.32 5.59 0.00	89.95 4.76 0.00	100.27 6.22 0.00	151.20 8.75 -2.92	141.63 9.69 -2.09	142.94 9.75 -2.57	119.69 8.81 -2.97	123.85 9.52 -0.24	125.17 8.33 -11.79	160.87 7.15 -58.69	159.81 8.48 -44.95	117.32 8.01 0.00
BROOKLYN_NAVY_YARD 23515	126.06 4.52 0.00	115.12 3.56 0.00	115.27 3.60 0.00	79.49 2.82 0.00	103.29 3.62 0.00	84.83 3.61 0.00	134.77 6.47 0.00	156.20 8.17 0.00	121.35 6.39 0.00	125.32 6.73 0.00	113.98 5.76 0.00	107.91 5.09 0.00	105.44 4.72 0.00	88.84 3.65 0.00	98.07 4.02 0.00	145.42 5.89 0.00	136.37 6.52 0.00	137.66 7.04 0.00	113.98 6.07 0.00	120.50 6.42 0.00	110.09 5.03 0.00	98.95 3.92 0.00	110.69 4.31 0.00	113.31 4.01 0.00
BROOKLYN___ARMY_DRP 323595	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.56 2.89 0.00	103.23 3.56 0.00	84.83 3.61 0.00	134.79 6.49 0.00	156.17 8.14 0.00	121.29 6.33 0.00	125.27 6.68 0.00	113.95 5.73 0.00	107.81 4.99 0.00	105.30 4.57 0.00	88.69 3.50 0.00	97.95 3.90 0.00	145.08 5.55 0.00	136.22 6.37 0.00	137.50 6.88 0.00	113.91 6.00 0.00	120.43 6.35 0.00	110.01 4.96 0.00	98.95 3.92 0.00	110.62 4.24 0.00	113.16 3.86 0.00
BROOME_2_LFGE 323671	120.58 -0.95 0.00	111.22 -0.96 -0.62	110.90 -0.77 0.00	77.06 -0.64 -1.02	99.00 -0.67 0.00	81.11 -0.82 -0.70	127.28 -1.02 0.00	147.01 -1.02 0.00	115.03 -0.87 -0.94	117.57 -1.03 0.00	107.44 -0.77 0.00	101.99 -0.83 0.00	99.97 -0.75 0.00	84.56 -0.63 0.00	93.81 -1.01 -0.78	146.86 -1.00 -8.33	137.51 -0.85 -8.51	148.81 -0.75 -18.94	108.96 -0.77 -1.82	113.12 -0.96 0.00	105.29 -1.08 -1.32	97.15 -1.19 -3.31	110.73 -1.35 -5.70	111.25 -1.24 -3.19
BROOME___LFGE 323600	120.58 -0.95 0.00	111.22 -0.96 -0.62	110.90 -0.77 0.00	77.06 -0.64 -1.02	99.00 -0.67 0.00	81.11 -0.82 -0.70	127.28 -1.02 0.00	147.01 -1.02 0.00	115.03 -0.87 -0.94	117.57 -1.03 0.00	107.44 -0.77 0.00	101.99 -0.83 0.00	99.97 -0.75 0.00	84.56 -0.63 0.00	93.81 -1.01 -0.78	146.86 -1.00 -8.33	137.51 -0.85 -8.51	148.81 -0.75 -18.94	108.96 -0.77 -1.82	113.12 -0.96 0.00	105.29 -1.08 -1.32	97.15 -1.19 -3.31	110.73 -1.35 -5.70	111.25 -1.24 -3.19
BROWNFLS_115KV_TB 3_5 80003	121.98 0.45 0.00	112.04 0.48 0.00	112.51 0.84 0.00	76.62 -0.06 0.00	99.09 -0.57 0.00	81.03 -0.20 0.00	126.74 -1.56 0.00	146.65 -1.38 0.00	114.09 -0.87 0.00	117.80 -0.80 0.00	107.66 -0.55 0.00	102.46 -0.36 0.00	100.37 -0.36 0.00	84.77 -0.41 0.00	93.74 -0.30 0.00	138.75 -0.78 0.00	128.01 -1.85 0.00	129.31 -1.30 0.00	106.81 -1.11 0.00	112.72 -1.36 0.00	104.80 -0.26 0.00	95.69 0.65 0.00	107.87 1.50 0.00	109.99 0.69 0.00
BROWNSV1_27_KV_LOAD 356125	127.46 5.93 0.00	116.38 4.82 0.00	116.51 4.85 0.00	80.27 3.60 0.00	104.34 4.67 0.00	85.68 4.46 0.00	136.21 7.91 0.00	157.91 9.88 0.00	122.65 7.69 0.00	126.69 8.09 0.00	115.29 7.07 0.00	109.15 6.33 0.00	106.64 5.92 0.00	89.86 4.67 0.00	99.20 5.15 0.00	147.04 7.51 0.00	137.94 8.09 0.00	139.23 8.61 0.00	115.28 7.37 0.00	121.92 7.84 0.00	111.39 6.33 0.00	100.15 5.11 0.00	111.90 5.52 0.00	114.53 5.23 0.00
BURROWS___LYONSDAL 23803	122.91 1.37 0.00	112.72 1.16 0.00	113.30 1.63 0.00	77.03 0.36 0.00	100.08 0.41 0.00	81.81 0.59 0.00	128.84 0.54 0.00	149.19 1.16 0.00	115.89 0.93 0.00	119.70 1.10 0.00	109.17 0.96 0.00	103.67 0.85 0.00	101.48 0.75 0.00	85.94 0.75 0.00	95.24 1.19 0.00	141.39 1.86 0.00	131.14 1.29 0.00	132.70 2.08 0.00	109.37 1.45 0.00	115.38 1.30 0.00	107.29 2.23 0.00	97.34 2.31 0.00	109.07 2.69 0.00	110.86 1.55 0.00
CAITHNESS_CC_1 323624	128.73 7.19 0.00	117.53 5.97 0.00	118.11 6.45 0.00	81.43 4.76 0.00	105.89 6.23 0.00	87.38 6.16 0.00	164.03 9.84 -25.89	185.85 10.58 -27.24	134.41 8.68 -10.77	126.93 8.15 -0.19	115.16 6.95 0.00	108.63 5.81 0.00	106.15 5.42 0.00	89.79 4.60 0.00	100.03 5.99 0.00	150.97 8.48 -2.96	141.32 9.36 -2.11	142.59 9.37 -2.60	119.45 8.57 -2.97	123.61 9.29 -0.24	124.85 8.00 -11.79	160.60 6.82 -58.75	159.50 8.10 -45.01	116.98 7.67 0.00
CALPINE BETH_PAGE_GT4 24209	127.26 5.73 0.00	116.29 4.73 0.00	116.67 5.00 0.00	80.40 3.72 0.00	104.51 4.84 0.00	86.10 4.88 0.00	136.10 7.80 0.00	156.58 8.55 0.00	122.10 7.14 0.00	125.77 7.18 0.00	114.61 6.40 0.00	108.21 5.39 0.00	105.78 5.06 0.00	89.36 4.18 0.00	99.15 5.10 0.00	146.61 7.08 0.00	137.95 8.09 0.00	138.96 8.35 0.00	118.55 7.67 -2.97	122.56 8.24 -0.24	123.58 6.74 -11.79	124.20 5.51 -23.65	119.38 6.34 -6.66	115.30 5.99 0.00
CALPINE_BETH_PAGE_GT_4 323586	127.27 5.73 0.00	116.28 4.72 0.00	116.66 4.99 0.00	80.40 3.72 0.00	104.50 4.83 0.00	86.11 4.89 0.00	136.09 7.79 0.00	156.59 8.56 0.00	122.12 7.16 0.00	125.76 7.17 0.00	114.61 6.39 0.00	108.21 5.39 0.00	105.80 5.07 0.00	89.36 4.17 0.00	99.12 5.08 0.00	146.68 7.14 0.00	137.91 8.06 0.00	138.94 8.32 0.00	118.54 7.66 -2.97	122.55 8.23 -0.24	123.58 6.73 -11.79	124.19 5.51 -23.65	119.37 6.32 -6.66	115.33 6.03 0.00
CALPINE_BP_GT1 23823	127.27 5.73 0.00	116.28 4.72 0.00	116.66 4.99 0.00	80.40 3.72 0.00	104.50 4.83 0.00	86.11 4.89 0.00	136.09 7.79 0.00	156.59 8.56 0.00	122.12 7.16 0.00	125.76 7.17 0.00	114.61 6.39 0.00	108.21 5.39 0.00	105.80 5.07 0.00	89.36 4.17 0.00	99.12 5.08 0.00	146.68 7.14 0.00	137.91 8.06 0.00	138.94 8.32 0.00	118.54 7.66 -2.97	122.55 8.23 -0.24	123.58 6.73 -11.79	124.19 5.51 -23.65	119.37 6.32 -6.66	115.33 6.03 0.00
CALSPAN___DRP 24200	116.57 -4.96 0.00	106.19 -5.38 0.00	106.82 -4.85 0.00	72.94 -3.74 0.00	94.85 -4.82 0.00	76.15 -5.08 0.00	119.22 -9.08 0.00	137.36 -10.67 0.00	106.88 -8.08 0.00	110.12 -8.47 0.00	100.65 -7.56 0.00	96.47 -6.35 0.00	95.03 -5.69 0.00	80.70 -4.48 0.00	88.02 -6.02 0.00	132.29 -7.24 0.00	122.24 -7.61 0.00	123.60 -7.01 0.00	99.35 -8.57 0.00	103.98 -10.10 0.00	96.41 -8.65 0.00	87.38 -7.66 0.00	98.20 -8.18 0.00	101.80 -7.50 0.00

CALVERTON___SOLAR 323806	129.43 7.89 0.00	118.12 6.56 0.00	118.74 7.07 0.00	81.86 5.18 0.00	106.46 6.79 0.00	87.89 6.67 0.00	164.91 10.74 -25.86	186.72 11.58 -27.12	135.09 9.37 -10.75	127.48 8.70 -0.18	115.51 7.30 0.00	108.89 6.07 0.00	106.41 5.68 0.00	90.05 4.87 0.00	100.43 6.39 0.00	151.58 9.14 -2.91	141.86 9.94 -2.08	143.18 10.00 -2.56	119.91 9.02 -2.97	124.05 9.72 -0.24	125.46 8.62 -11.79	161.17 7.45 -58.70	160.13 8.79 -44.96	117.67 8.37 0.00
CANDIGU_WT_PWR 323617	113.58 -7.95 0.00	104.55 -7.40 -0.39	104.73 -6.94 0.00	72.21 -5.11 -0.64	92.90 -6.77 0.00	75.29 -6.38 -0.44	118.02 -10.28 0.00	136.30 -11.72 0.00	106.42 -9.13 -0.59	108.78 -9.82 0.00	99.39 -8.82 0.00	94.25 -8.58 0.00	92.90 -7.83 0.00	79.00 -6.19 0.00	87.20 -7.34 -0.49	135.06 -8.84 -4.37	126.28 -8.03 -4.47	132.94 -7.62 -9.95	101.33 -7.53 -0.95	105.59 -8.49 0.00	97.96 -7.79 -0.69	89.68 -7.09 -1.74	101.46 -7.91 -3.00	103.86 -7.12 -1.68
CARR STREET_E__SYR 24060	118.54 -3.00 0.00	108.74 -2.82 0.00	108.97 -2.70 0.00	74.78 -1.90 0.00	97.30 -2.37 0.00	79.18 -2.04 0.00	125.29 -3.01 0.00	144.69 -3.34 0.00	112.36 -2.60 0.00	115.89 -2.70 0.00	105.82 -2.39 0.00	100.54 -2.28 0.00	98.45 -2.27 0.00	83.29 -1.89 0.00	91.85 -2.20 0.00	136.50 -3.03 0.00	127.03 -2.82 0.00	127.90 -2.72 0.00	105.34 -2.57 0.00	111.16 -2.92 0.00	102.26 -2.80 0.00	92.38 -2.65 0.00	103.50 -2.88 0.00	106.46 -2.85 0.00
CARTHAGE___PAPER 23857	122.39 0.86 0.00	112.03 0.46 0.00	112.84 1.17 0.00	76.44 -0.24 0.00	99.26 -0.41 0.00	81.20 -0.02 0.00	127.73 -0.57 0.00	148.26 0.23 0.00	115.24 0.28 0.00	118.94 0.35 0.00	108.37 0.16 0.00	102.88 0.06 0.00	100.57 -0.15 0.00	85.01 -0.18 0.00	94.57 0.52 0.00	140.51 0.98 0.00	130.18 0.32 0.00	132.08 1.46 0.00	108.98 1.06 0.00	115.22 1.14 0.00	107.15 2.09 0.00	97.79 2.76 0.00	109.89 3.51 0.00	111.00 1.70 0.00
CASSADAGA_WT_PWR 323784	117.68 -3.85 0.00	105.55 -4.30 1.72	108.49 -3.18 0.00	71.30 -2.53 2.85	95.70 -3.97 0.00	74.25 -5.01 1.96	120.82 -7.48 0.00	141.05 -6.98 0.00	107.63 -4.71 2.62	113.83 -4.77 0.00	103.64 -4.57 0.00	99.05 -3.77 0.00	97.90 -2.82 0.00	82.78 -2.40 0.00	87.70 -4.18 2.17	112.59 -5.51 21.43	101.05 -6.91 21.89	73.82 -8.02 48.77	95.64 -7.60 4.68	105.24 -8.85 0.00	93.23 -8.44 3.39	79.02 -7.48 8.53	83.67 -8.00 14.70	92.38 -8.69 8.23
CE_DUNWOOD___DRP 24194	125.97 4.44 0.00	115.08 3.52 0.00	115.28 3.61 0.00	79.42 2.74 0.00	103.23 3.56 0.00	84.66 3.43 0.00	134.38 6.08 0.00	155.50 7.46 0.00	120.76 5.80 0.00	124.65 6.06 0.00	113.53 5.32 0.00	107.46 4.64 0.00	105.01 4.28 0.00	88.49 3.30 0.00	97.76 3.72 0.00	144.89 5.36 0.00	135.85 6.00 0.00	137.05 6.44 0.00	113.59 5.68 0.00	120.24 6.16 0.00	109.92 4.86 0.00	98.84 3.81 0.00	110.52 4.14 0.00	113.19 3.88 0.00
CE_MILLWOOD___DRP 24193	125.66 4.12 0.00	114.83 3.27 0.00	115.01 3.34 0.00	79.21 2.54 0.00	102.97 3.30 0.00	84.41 3.19 0.00	134.00 5.70 0.00	155.01 6.98 0.00	120.33 5.36 0.00	124.25 5.66 0.00	113.13 4.91 0.00	107.10 4.28 0.00	104.64 3.91 0.00	88.20 3.01 0.00	97.41 3.37 0.00	144.40 4.87 0.00	135.36 5.51 0.00	136.57 5.96 0.00	113.18 5.26 0.00	119.85 5.77 0.00	109.58 4.53 0.00	98.56 3.53 0.00	110.19 3.81 0.00	112.87 3.57 0.00
CE_NYC2_DRP 24202	125.98 4.44 0.00	115.04 3.48 0.00	115.26 3.59 0.00	79.48 2.80 0.00	103.20 3.53 0.00	84.79 3.56 0.00	134.73 6.43 0.00	156.15 8.12 0.00	121.29 6.33 0.00	125.27 6.68 0.00	114.00 5.79 0.00	107.89 5.06 0.00	105.38 4.65 0.00	88.80 3.61 0.00	98.05 4.01 0.00	145.20 5.67 0.00	136.23 6.38 0.00	137.45 6.84 0.00	113.85 5.94 0.00	120.40 6.32 0.00	109.99 4.93 0.00	98.95 3.92 0.00	110.61 4.23 0.00	113.16 3.86 0.00
CE_NYC_DRP 24195	126.31 4.78 0.00	115.29 3.73 0.00	115.48 3.81 0.00	79.60 2.92 0.00	103.45 3.78 0.00	84.93 3.71 0.00	134.98 6.68 0.00	156.36 8.33 0.00	121.49 6.52 0.00	125.52 6.92 0.00	114.21 5.99 0.00	108.12 5.30 0.00	105.64 4.92 0.00	89.02 3.83 0.00	98.27 4.23 0.00	145.67 6.14 0.00	136.62 6.77 0.00	137.82 7.21 0.00	114.15 6.23 0.00	120.76 6.67 0.00	110.32 5.26 0.00	99.19 4.16 0.00	110.85 4.47 0.00	113.51 4.20 0.00
CHAFFEE___LFGE 323603	117.44 -4.09 0.00	105.40 -4.60 1.56	107.58 -4.09 0.00	70.89 -3.20 2.59	95.63 -4.04 0.00	75.11 -4.33 1.78	120.53 -7.77 0.00	139.02 -9.01 0.00	105.85 -6.72 2.38	111.32 -7.27 0.00	101.71 -6.50 0.00	97.45 -5.37 0.00	95.96 -4.77 0.00	81.46 -3.73 0.00	86.86 -5.22 1.97	113.64 -6.04 19.86	103.24 -6.32 20.29	79.83 -5.60 45.18	96.09 -7.49 4.33	105.11 -8.97 0.00	94.29 -7.63 3.14	80.38 -6.75 7.90	85.54 -7.22 13.62	95.02 -6.65 7.63
CHATEAUG_35_KV_LOAD 355732	120.41 -1.12 0.00	111.01 -0.55 0.00	110.85 -0.82 0.00	76.15 -0.53 0.00	98.46 -1.20 0.00	80.53 -0.69 0.00	126.80 -1.50 0.00	146.32 -1.71 0.00	114.02 -0.94 0.00	117.76 -0.84 0.00	107.50 -0.71 0.00	102.52 -0.30 0.00	100.57 -0.15 0.00	85.30 0.12 0.00	94.41 0.37 0.00	140.00 0.46 0.00	130.73 0.88 0.00	131.43 0.81 0.00	109.11 1.20 0.00	115.56 1.48 0.00	106.97 1.91 0.00	97.16 2.13 0.00	108.46 2.08 0.00	111.09 1.79 0.00
CHATEAUG_WT_PWR 323614	120.02 -1.52 0.00	110.57 -0.99 0.00	110.44 -1.23 0.00	75.89 -0.79 0.00	98.18 -1.49 0.00	80.28 -0.94 0.00	126.41 -1.89 0.00	145.84 -2.19 0.00	113.52 -1.44 0.00	117.26 -1.33 0.00	107.17 -1.04 0.00	102.14 -0.68 0.00	100.30 -0.42 0.00	85.11 -0.08 0.00	94.20 0.15 0.00	139.58 0.04 0.00	130.09 0.24 0.00	130.74 0.12 0.00	108.56 0.65 0.00	115.07 0.99 0.00	106.45 1.39 0.00	96.70 1.67 0.00	108.03 1.65 0.00	110.67 1.37 0.00
CHAT_HIGH_FALL_HYD 323578	120.41 -1.12 0.00	111.01 -0.55 0.00	110.85 -0.82 0.00	76.15 -0.53 0.00	98.46 -1.20 0.00	80.53 -0.69 0.00	126.80 -1.50 0.00	146.32 -1.71 0.00	114.02 -0.94 0.00	117.76 -0.84 0.00	107.50 -0.71 0.00	102.52 -0.30 0.00	100.57 -0.15 0.00	85.30 0.12 0.00	94.41 0.37 0.00	140.00 0.46 0.00	130.73 0.88 0.00	131.43 0.81 0.00	109.11 1.20 0.00	115.56 1.48 0.00	106.97 1.91 0.00	97.16 2.13 0.00	108.46 2.08 0.00	111.09 1.79 0.00
CHAUTAUQUA___LFGE 323629	116.45 -5.08 0.00	104.70 -5.25 1.62	107.25 -4.42 0.00	70.50 -3.50 2.68	95.03 -4.64 0.00	74.17 -5.21 1.84	120.06 -8.24 0.00	139.47 -8.56 0.00	106.25 -6.24 2.47	112.01 -6.58 0.00	102.21 -6.01 0.00	97.60 -5.23 0.00	96.34 -4.39 0.00	81.59 -3.60 0.00	86.71 -5.30 2.04	111.94 -6.87 20.73	100.97 -7.70 21.17	75.33 -8.13 47.16	95.65 -7.74 4.52	105.19 -8.90 0.00	93.47 -8.31 3.28	79.16 -7.62 8.25	84.05 -8.11 14.22	93.12 -8.23 7.96
CHERRYST_13_KV_LD 356241	126.64 5.11 0.00	115.61 4.05 0.00	115.79 4.12 0.00	79.81 3.14 0.00	103.72 4.05 0.00	85.18 3.95 0.00	135.38 7.09 0.00	156.89 8.86 0.00	121.92 6.96 0.00	125.98 7.38 0.00	114.62 6.40 0.00	108.53 5.71 0.00	106.04 5.31 0.00	89.36 4.17 0.00	98.64 4.59 0.00	146.18 6.65 0.00	137.11 7.26 0.00	138.31 7.70 0.00	114.54 6.62 0.00	121.12 7.04 0.00	110.65 5.60 0.00	99.47 4.44 0.00	111.16 4.78 0.00	113.81 4.51 0.00

CHESTROR_138KV_BK263 355645	124.89 3.36 0.00	114.23 2.67 0.00	114.38 2.71 0.00	78.74 2.06 0.00	102.38 2.71 0.00	83.79 2.57 0.00	132.98 4.68 0.00	153.73 5.70 0.00	119.28 4.32 0.00	123.04 4.45 0.00	112.05 3.84 0.00	106.08 3.26 0.00	103.66 2.93 0.00	87.39 2.20 0.00	96.56 2.52 0.00	143.26 3.73 0.00	134.22 4.37 0.00	135.41 4.80 0.00	112.19 4.27 0.00	118.82 4.74 0.00	108.72 3.67 0.00	97.85 2.82 0.00	109.37 2.99 0.00	112.10 2.80 0.00
CH_MIDHUDSON___DRP 24192	126.64 5.11 0.00	115.84 4.28 0.00	116.02 4.35 0.00	79.89 3.21 0.00	103.86 4.19 0.00	85.03 3.81 0.00	134.94 6.64 0.00	155.96 7.93 0.00	121.10 6.14 0.00	124.92 6.32 0.00	113.78 5.57 0.00	107.76 4.94 0.00	105.24 4.52 0.00	88.74 3.55 0.00	98.04 4.00 0.00	145.36 5.82 0.00	136.19 6.34 0.00	137.44 6.82 0.00	113.86 5.95 0.00	120.54 6.47 0.00	110.27 5.21 0.00	99.18 4.15 0.00	110.86 4.48 0.00	113.60 4.29 0.00
CH_MISC_IPPS 23765	127.24 5.70 0.00	116.37 4.81 0.00	116.51 4.84 0.00	80.20 3.53 0.00	104.27 4.60 0.00	85.40 4.18 0.00	135.54 7.24 0.00	156.70 8.67 0.00	121.63 6.67 0.00	125.43 6.84 0.00	114.20 5.99 0.00	108.12 5.29 0.00	105.60 4.88 0.00	89.07 3.88 0.00	98.40 4.36 0.00	146.06 6.53 0.00	136.89 7.04 0.00	138.14 7.52 0.00	114.45 6.53 0.00	121.16 7.09 0.00	110.82 5.76 0.00	99.67 4.64 0.00	111.36 4.98 0.00	114.10 4.80 0.00
CH_RES_BVR_FALLS 23983	121.36 -0.17 0.00	111.45 -0.11 0.00	111.46 -0.21 0.00	76.53 -0.14 0.00	99.47 -0.20 0.00	81.06 -0.16 0.00	128.03 -0.27 0.00	147.73 -0.29 0.00	114.73 -0.23 0.00	118.36 -0.24 0.00	108.00 -0.22 0.00	102.62 -0.20 0.00	100.54 -0.18 0.00	85.10 -0.09 0.00	93.95 -0.09 0.00	139.39 -0.14 0.00	129.72 -0.13 0.00	130.49 -0.13 0.00	107.81 -0.11 0.00	113.97 -0.11 0.00	105.03 -0.03 0.00	95.03 0.00 0.00	106.38 0.00 0.00	109.30 0.00 0.00
CH_RES_NIAGARA 23895	113.49 -8.05 0.00	103.51 -8.05 0.00	104.24 -7.43 0.00	71.18 -5.50 0.00	92.55 -7.11 0.00	74.07 -7.15 0.00	115.32 -12.98 0.00	131.94 -16.09 0.00	102.91 -12.05 0.00	106.05 -12.54 0.00	97.07 -11.14 0.00	93.27 -9.56 0.00	91.84 -8.88 0.00	78.02 -7.17 0.00	84.99 -9.05 0.00	128.05 -11.48 0.00	118.21 -11.64 0.00	119.59 -11.03 0.00	95.43 -12.48 0.00	99.52 -14.56 0.00	92.58 -12.48 0.00	84.27 -10.76 0.00	95.16 -11.22 0.00	98.77 -10.54 0.00
CH_RES_SYRACUSE 23985	119.57 -1.96 0.00	109.68 -1.88 0.00	109.86 -1.81 0.00	75.36 -1.32 0.00	98.09 -1.57 0.00	79.84 -1.38 0.00	126.46 -1.84 0.00	146.01 -2.02 0.00	113.38 -1.58 0.00	116.90 -1.69 0.00	106.69 -1.53 0.00	101.37 -1.46 0.00	99.26 -1.46 0.00	83.94 -1.25 0.00	92.60 -1.45 0.00	137.60 -1.94 0.00	128.15 -1.71 0.00	128.98 -1.64 0.00	106.32 -1.60 0.00	112.24 -1.84 0.00	103.14 -1.92 0.00	93.23 -1.80 0.00	104.44 -1.94 0.00	107.41 -1.90 0.00
CLINTON_WT_PWR 323605	120.02 -1.52 0.00	110.57 -0.99 0.00	110.44 -1.23 0.00	75.89 -0.79 0.00	98.18 -1.49 0.00	80.28 -0.94 0.00	126.41 -1.89 0.00	145.84 -2.19 0.00	113.52 -1.44 0.00	117.26 -1.33 0.00	107.17 -1.04 0.00	102.14 -0.68 0.00	100.30 -0.42 0.00	85.11 -0.08 0.00	94.20 0.15 0.00	139.58 0.04 0.00	130.09 0.24 0.00	130.74 0.12 0.00	108.56 0.65 0.00	115.07 0.99 0.00	106.45 1.39 0.00	96.70 1.67 0.00	108.03 1.65 0.00	110.67 1.37 0.00
CLINTON___LFGE 323618	124.45 2.91 0.00	115.22 3.65 0.00	115.07 3.40 0.00	79.04 2.36 0.00	101.88 2.22 0.00	83.58 2.36 0.00	131.34 3.04 0.00	151.75 3.72 0.00	118.97 4.01 0.00	122.85 4.26 0.00	111.95 3.74 0.00	106.39 3.57 0.00	103.51 2.78 0.00	87.22 2.03 0.00	96.12 2.08 0.00	142.52 2.98 0.00	133.56 3.71 0.00	134.43 3.81 0.00	111.67 3.75 0.00	117.77 3.69 0.00	108.82 3.76 0.00	98.87 3.84 0.00	110.32 3.94 0.00	112.86 3.56 0.00
COBBLENY_34_KV_TB1 80064	117.46 -4.08 0.00	106.98 -4.58 0.00	107.57 -4.09 0.00	73.49 -3.19 0.00	95.63 -4.04 0.00	76.87 -4.35 0.00	120.53 -7.78 0.00	139.02 -9.01 0.00	108.12 -6.84 0.00	111.32 -7.27 0.00	101.71 -6.50 0.00	97.44 -5.38 0.00	95.97 -4.76 0.00	81.46 -3.73 0.00	88.88 -5.16 0.00	133.43 -6.10 0.00	123.40 -6.45 0.00	124.94 -5.68 0.00	100.42 -7.50 0.00	105.11 -8.97 0.00	97.39 -7.67 0.00	88.25 -6.78 0.00	99.09 -7.29 0.00	102.61 -6.69 0.00
COFFEEN___115KV_TB3 355620	121.88 0.34 0.00	111.41 -0.15 0.00	112.24 0.57 0.00	76.10 -0.57 0.00	98.99 -0.68 0.00	80.94 -0.28 0.00	127.71 -0.59 0.00	148.45 0.42 0.00	115.38 0.42 0.00	119.04 0.44 0.00	108.40 0.19 0.00	102.79 -0.03 0.00	100.36 -0.37 0.00	84.75 -0.43 0.00	94.24 0.19 0.00	140.31 0.78 0.00	130.33 0.48 0.00	132.36 1.75 0.00	109.19 1.28 0.00	115.62 1.54 0.00	107.07 2.02 0.00	97.81 2.78 0.00	109.70 3.32 0.00	110.71 1.41 0.00
COLDSPRG_115KV_BK1 355956	120.14 -1.40 0.00	109.30 -2.26 0.00	110.16 -1.51 0.00	75.29 -1.39 0.00	97.76 -1.91 0.00	78.48 -2.74 0.00	123.97 -4.34 0.00	144.13 -3.90 0.00	112.19 -2.77 0.00	115.73 -2.87 0.00	105.13 -3.08 0.00	100.39 -2.43 0.00	99.12 -1.61 0.00	83.94 -1.25 0.00	91.38 -2.67 0.00	136.24 -3.29 0.00	125.62 -4.23 0.00	125.44 -5.18 0.00	102.03 -5.88 0.00	107.09 -6.99 0.00	98.55 -6.51 0.00	89.16 -5.88 0.00	100.16 -6.22 0.00	103.02 -6.29 0.00
COLONIE_LFGE___ 323577	127.24 5.70 0.00	116.87 5.31 0.00	116.95 5.29 0.00	80.36 3.69 0.00	104.51 4.84 0.00	85.14 3.92 0.00	134.48 6.18 0.00	155.23 7.20 0.00	120.50 5.54 0.00	124.01 5.42 0.00	113.03 4.81 0.00	107.34 4.52 0.00	105.17 4.45 0.00	88.87 3.68 0.00	98.03 3.99 0.00	145.11 5.58 0.00	135.26 5.41 0.00	136.10 5.48 0.00	112.51 4.59 0.00	118.94 4.86 0.00	109.31 4.25 0.00	98.94 3.91 0.00	110.74 4.36 0.00	113.47 4.17 0.00
COOPERNY_115KV_TB1 80082	123.77 2.24 0.00	113.35 1.79 0.00	113.53 1.87 0.00	78.09 1.41 0.00	101.55 1.88 0.00	82.97 1.75 0.00	131.53 3.23 0.00	151.93 3.90 0.00	117.90 2.94 0.00	121.70 3.10 0.00	110.93 2.72 0.00	105.12 2.30 0.00	102.76 2.04 0.00	86.71 1.52 0.00	95.73 1.69 0.00	142.03 2.50 0.00	132.80 2.95 0.00	133.85 3.23 0.00	110.81 2.90 0.00	117.33 3.25 0.00	107.51 2.46 0.00	96.88 1.85 0.00	108.32 1.94 0.00	111.12 1.81 0.00
COPENHAGEN_WT_PWR 323753	119.65 -1.88 0.00	109.38 -2.18 0.00	110.28 -1.39 0.00	74.66 -2.01 0.00	97.06 -2.61 0.00	79.30 -1.92 0.00	124.99 -3.31 0.00	145.13 -2.90 0.00	112.84 -2.12 0.00	116.45 -2.14 0.00	106.18 -2.03 0.00	100.71 -2.11 0.00	98.37 -2.36 0.00	83.07 -2.12 0.00	92.57 -1.48 0.00	137.75 -1.78 0.00	127.72 -2.13 0.00	129.84 -0.78 0.00	107.22 -0.69 0.00	113.80 -0.28 0.00	105.34 0.28 0.00	96.58 1.56 0.00	108.54 2.16 0.00	109.34 0.04 0.00
CORNELL_____ 23752	122.13 0.60 0.00	112.00 0.44 0.00	112.28 0.61 0.00	76.91 0.24 0.00	100.16 0.49 0.00	81.47 0.24 0.00	129.24 0.94 0.00	149.47 1.44 0.00	115.91 0.95 0.00	119.37 0.78 0.00	109.00 0.79 0.00	103.50 0.68 0.00	101.22 0.49 0.00	85.18 -0.01 0.00	93.87 -0.17 0.00	140.53 1.00 0.00	131.22 1.37 0.00	132.27 1.65 0.00	108.88 0.97 0.00	114.92 0.84 0.00	105.55 0.49 0.00	95.31 0.27 0.00	106.66 0.28 0.00	109.64 0.34 0.00

CORONA__69_KV_TB1 355595	128.06 6.53 0.00	117.10 5.54 0.00	117.43 5.76 0.00	80.89 4.21 0.00	105.16 5.49 0.00	86.53 5.31 0.00	136.87 8.57 0.00	157.79 9.76 0.00	122.93 7.97 0.00	126.66 8.06 0.00	115.50 7.28 0.00	109.20 6.37 0.00	106.77 6.04 0.00	90.16 4.96 0.00	99.89 5.84 0.00	147.72 8.18 0.00	138.89 9.03 0.00	139.81 9.20 0.00	119.04 8.16 -2.97	123.06 8.74 -0.24	124.07 7.22 -11.79	124.66 5.97 -23.66	119.82 6.78 -6.67	115.77 6.46 0.00
CORTLAND__115KV_TB3 80093	121.52 -0.02 0.00	111.49 -0.07 0.00	111.79 0.12 0.00	76.63 -0.05 0.00	99.77 0.10 0.00	81.17 -0.05 0.00	128.59 0.29 0.00	148.62 0.59 0.00	115.30 0.34 0.00	118.88 0.28 0.00	108.54 0.33 0.00	103.01 0.19 0.00	100.87 0.15 0.00	85.20 0.02 0.00	93.96 -0.09 0.00	139.88 0.35 0.00	130.27 0.42 0.00	131.19 0.58 0.00	108.15 0.24 0.00	114.13 0.05 0.00	104.90 -0.16 0.00	94.71 -0.32 0.00	106.01 -0.37 0.00	108.96 -0.34 0.00
COXSACKIE__GT 23611	132.62 11.09 0.00	121.82 10.26 0.00	121.85 10.18 0.00	83.70 7.02 0.00	109.01 9.34 0.00	88.74 7.51 0.00	140.54 12.25 0.00	162.91 14.88 0.00	125.93 10.97 0.00	127.95 9.36 0.00	115.48 7.26 0.00	109.80 6.98 0.00	107.72 6.99 0.00	91.42 6.23 0.00	100.13 6.09 0.00	150.38 10.85 0.00	141.56 11.71 0.00	142.68 12.06 0.00	117.70 9.78 0.00	123.85 9.77 0.00	113.92 8.86 0.00	102.99 7.96 0.00	115.32 8.94 0.00	118.13 8.83 0.00
CPV_VALLEY__CC1 323721	123.84 2.31 0.00	113.43 1.76 -0.11	113.51 1.84 0.00	78.30 1.45 -0.17	101.56 1.89 0.00	83.21 1.87 -0.12	131.82 3.52 0.00	152.35 4.32 0.00	118.40 3.28 -0.16	122.02 3.43 0.00	111.18 2.97 0.00	105.28 2.46 0.00	102.91 2.19 0.00	86.77 1.58 0.00	95.95 1.77 -0.13	143.57 2.61 -1.42	134.50 3.20 -1.45	137.41 3.56 -3.23	111.48 3.26 -0.31	117.70 3.62 0.00	107.98 2.69 -0.22	97.00 1.97 0.00	108.45 2.07 0.00	111.22 1.91 0.00
CPV_VALLEY__CC2 323722	123.84 2.31 0.00	113.43 1.76 -0.11	113.51 1.84 0.00	78.30 1.45 -0.17	101.56 1.89 0.00	83.21 1.87 -0.12	131.82 3.52 0.00	152.35 4.32 0.00	118.40 3.28 -0.16	122.02 3.43 0.00	111.18 2.97 0.00	105.28 2.46 0.00	102.91 2.19 0.00	86.77 1.58 0.00	95.95 1.77 -0.13	143.57 2.61 -1.42	134.50 3.20 -1.45	137.41 3.56 -3.23	111.48 3.26 -0.31	117.70 3.62 0.00	107.98 2.69 -0.22	97.00 1.97 0.00	108.45 2.07 0.00	111.22 1.91 0.00
CRESCENT__HYD 24018	127.24 5.70 0.00	116.87 5.31 0.00	116.95 5.29 0.00	80.36 3.69 0.00	104.51 4.84 0.00	85.14 3.92 0.00	134.48 6.18 0.00	155.23 7.20 0.00	120.50 5.54 0.00	124.01 5.42 0.00	113.03 4.81 0.00	107.34 4.52 0.00	105.17 4.45 0.00	88.87 3.68 0.00	98.03 3.99 0.00	145.11 5.58 0.00	135.26 5.41 0.00	136.10 5.48 0.00	112.51 4.59 0.00	118.94 4.86 0.00	109.31 4.25 0.00	98.94 3.91 0.00	110.74 4.36 0.00	113.47 4.17 0.00
CRICKET__VALLEY_CC1 323756	125.50 3.97 0.00	114.91 3.35 0.00	115.09 3.43 0.00	79.21 2.54 0.00	102.98 3.31 0.00	84.29 3.06 0.00	133.63 5.33 0.00	154.22 6.19 0.00	119.76 4.80 0.00	123.62 5.02 0.00	112.71 4.50 0.00	106.78 3.96 0.00	104.33 3.60 0.00	87.98 2.79 0.00	97.15 3.10 0.00	143.83 4.30 0.00	134.67 4.82 0.00	135.85 5.23 0.00	112.55 4.63 0.00	119.20 5.12 0.00	109.03 3.97 0.00	98.13 3.10 0.00	109.76 3.38 0.00	112.49 3.19 0.00
CRICKET__VALLEY_CC2 323757	125.50 3.97 0.00	114.91 3.35 0.00	115.09 3.43 0.00	79.21 2.54 0.00	102.98 3.31 0.00	84.29 3.06 0.00	133.63 5.33 0.00	154.22 6.19 0.00	119.76 4.80 0.00	123.62 5.02 0.00	112.71 4.50 0.00	106.78 3.96 0.00	104.33 3.60 0.00	87.98 2.79 0.00	97.15 3.10 0.00	143.83 4.30 0.00	134.67 4.82 0.00	135.85 5.23 0.00	112.55 4.63 0.00	119.20 5.12 0.00	109.03 3.97 0.00	98.13 3.10 0.00	109.76 3.38 0.00	112.49 3.19 0.00
CRICKET__VALLEY_CC3 323758	125.50 3.97 0.00	114.91 3.35 0.00	115.09 3.43 0.00	79.21 2.54 0.00	102.98 3.31 0.00	84.29 3.06 0.00	133.63 5.33 0.00	154.22 6.19 0.00	119.76 4.80 0.00	123.62 5.02 0.00	112.71 4.50 0.00	106.78 3.96 0.00	104.33 3.60 0.00	87.98 2.79 0.00	97.15 3.10 0.00	143.83 4.30 0.00	134.67 4.82 0.00	135.85 5.23 0.00	112.55 4.63 0.00	119.20 5.12 0.00	109.03 3.97 0.00	98.13 3.10 0.00	109.76 3.38 0.00	112.49 3.19 0.00
CRUCIBLE__METL_DRP 24180	119.57 -1.96 0.00	109.68 -1.88 0.00	109.87 -1.80 0.00	75.37 -1.31 0.00	98.10 -1.57 0.00	79.84 -1.38 0.00	126.46 -1.85 0.00	146.01 -2.01 0.00	113.37 -1.60 0.00	116.90 -1.69 0.00	106.69 -1.53 0.00	101.37 -1.45 0.00	99.26 -1.46 0.00	83.94 -1.25 0.00	92.61 -1.43 0.00	137.60 -1.94 0.00	128.13 -1.72 0.00	128.97 -1.64 0.00	106.34 -1.58 0.00	112.25 -1.83 0.00	103.13 -1.93 0.00	93.22 -1.81 0.00	104.44 -1.94 0.00	107.41 -1.90 0.00
DAHOWA__HYDRO 323763	129.89 8.35 0.00	119.30 7.74 0.00	119.39 7.72 0.00	82.06 5.38 0.00	106.77 7.10 0.00	87.19 5.97 0.00	138.08 9.78 0.00	159.60 11.57 0.00	123.77 8.80 0.00	126.94 8.34 0.00	115.44 7.23 0.00	109.70 6.88 0.00	107.58 6.86 0.00	91.09 5.90 0.00	100.55 6.50 0.00	149.04 9.51 0.00	139.29 9.44 0.00	140.10 9.48 0.00	115.79 7.88 0.00	122.22 8.14 0.00	112.17 7.11 0.00	101.44 6.41 0.00	113.35 6.97 0.00	115.97 6.67 0.00
DANC__LFGE 323619	119.03 -2.51 0.00	108.98 -2.58 0.00	109.60 -2.07 0.00	74.59 -2.09 0.00	97.01 -2.66 0.00	79.14 -2.08 0.00	124.74 -3.56 0.00	144.62 -3.41 0.00	112.38 -2.58 0.00	116.03 -2.56 0.00	105.88 -2.33 0.00	100.47 -2.35 0.00	98.23 -2.49 0.00	83.03 -2.16 0.00	92.12 -1.93 0.00	136.94 -2.59 0.00	127.09 -2.76 0.00	128.65 -1.96 0.00	106.15 -1.77 0.00	112.42 -1.65 0.00	103.92 -1.14 0.00	94.88 -0.16 0.00	106.45 0.08 0.00	108.07 -1.23 0.00
DANSKAMMER__1 23586	127.24 5.70 0.00	116.37 4.81 0.00	116.51 4.84 0.00	80.20 3.53 0.00	104.27 4.60 0.00	85.40 4.18 0.00	135.54 7.24 0.00	156.70 8.67 0.00	121.63 6.67 0.00	125.43 6.84 0.00	114.20 5.99 0.00	108.12 5.29 0.00	105.60 4.88 0.00	89.07 3.88 0.00	98.40 4.36 0.00	146.06 6.53 0.00	136.89 7.04 0.00	138.14 7.52 0.00	114.45 6.53 0.00	121.16 7.09 0.00	110.82 5.76 0.00	99.67 4.64 0.00	111.36 4.98 0.00	114.10 4.80 0.00
DANSKAMMER__2 23589	127.24 5.70 0.00	116.37 4.81 0.00	116.51 4.84 0.00	80.20 3.53 0.00	104.27 4.60 0.00	85.40 4.18 0.00	135.54 7.24 0.00	156.70 8.67 0.00	121.63 6.67 0.00	125.43 6.84 0.00	114.20 5.99 0.00	108.12 5.29 0.00	105.60 4.88 0.00	89.07 3.88 0.00	98.40 4.36 0.00	146.06 6.53 0.00	136.89 7.04 0.00	138.14 7.52 0.00	114.45 6.53 0.00	121.16 7.09 0.00	110.82 5.76 0.00	99.67 4.64 0.00	111.36 4.98 0.00	114.10 4.80 0.00
DANSKAMMER__3 23590	127.24 5.70 0.00	116.37 4.81 0.00	116.51 4.84 0.00	80.20 3.53 0.00	104.27 4.60 0.00	85.40 4.18 0.00	135.54 7.24 0.00	156.70 8.67 0.00	121.63 6.67 0.00	125.43 6.84 0.00	114.20 5.99 0.00	108.12 5.29 0.00	105.60 4.88 0.00	89.07 3.88 0.00	98.40 4.36 0.00	146.06 6.53 0.00	136.89 7.04 0.00	138.14 7.52 0.00	114.45 6.53 0.00	121.16 7.09 0.00	110.82 5.76 0.00	99.67 4.64 0.00	111.36 4.98 0.00	114.10 4.80 0.00

DANSKAMMER___4 23591	127.24 5.70 0.00	116.37 4.81 0.00	116.51 4.84 0.00	80.20 3.53 0.00	104.27 4.60 0.00	85.40 4.18 0.00	135.54 7.24 0.00	156.70 8.67 0.00	121.63 6.67 0.00	125.43 6.84 0.00	114.20 5.99 0.00	108.12 5.29 0.00	105.60 4.88 0.00	89.07 3.88 0.00	98.40 4.36 0.00	146.06 6.53 0.00	136.89 7.04 0.00	138.14 7.52 0.00	114.45 6.53 0.00	121.16 7.09 0.00	110.82 5.76 0.00	99.67 4.64 0.00	111.36 4.98 0.00	114.10 4.80 0.00
DANSKAMMER___DIESEL 23592	127.24 5.70 0.00	116.38 4.81 0.00	116.52 4.85 0.00	80.21 3.53 0.00	104.28 4.61 0.00	85.39 4.17 0.00	135.54 7.24 0.00	156.70 8.67 0.00	121.62 6.66 0.00	125.43 6.84 0.00	114.21 5.99 0.00	108.12 5.30 0.00	105.60 4.88 0.00	89.07 3.88 0.00	98.40 4.36 0.00	146.04 6.50 0.00	136.90 7.05 0.00	138.17 7.55 0.00	114.46 6.54 0.00	121.16 7.08 0.00	110.82 5.76 0.00	99.68 4.64 0.00	111.37 4.99 0.00	114.09 4.79 0.00
DARBY___SOLAR 323810	129.07 7.54 0.00	118.62 7.06 0.00	118.70 7.04 0.00	81.58 4.90 0.00	106.12 6.45 0.00	86.62 5.40 0.00	137.06 8.76 0.00	158.39 10.36 0.00	122.84 7.88 0.00	126.07 7.47 0.00	114.67 6.46 0.00	108.95 6.12 0.00	106.83 6.10 0.00	90.44 5.25 0.00	99.84 5.79 0.00	147.95 8.42 0.00	138.24 8.39 0.00	139.09 8.48 0.00	114.95 7.04 0.00	121.38 7.30 0.00	111.44 6.38 0.00	100.78 5.75 0.00	112.64 6.26 0.00	115.30 6.00 0.00
DASHVILLE___HYD 23610	126.01 4.47 0.00	115.37 3.81 0.00	115.49 3.82 0.00	79.51 2.83 0.00	103.37 3.70 0.00	84.58 3.36 0.00	134.28 5.98 0.00	155.20 7.17 0.00	120.65 5.69 0.00	124.30 5.71 0.00	113.15 4.94 0.00	107.13 4.31 0.00	104.63 3.90 0.00	88.33 3.14 0.00	97.56 3.52 0.00	144.73 5.20 0.00	135.50 5.65 0.00	136.75 6.13 0.00	113.28 5.36 0.00	119.94 5.86 0.00	109.72 4.66 0.00	98.73 3.70 0.00	110.32 3.94 0.00	113.09 3.79 0.00
DELAWARE___LFGE 323621	123.88 2.35 0.00	113.77 2.21 0.00	113.94 2.27 0.00	78.28 1.60 0.00	101.84 2.17 0.00	82.84 1.62 0.00	131.25 2.96 0.00	151.56 3.53 0.00	117.61 2.64 0.00	121.44 2.85 0.00	110.87 2.66 0.00	105.21 2.38 0.00	102.98 2.25 0.00	86.97 1.78 0.00	95.94 1.90 0.00	142.50 2.97 0.00	132.84 2.99 0.00	133.80 3.19 0.00	110.57 2.66 0.00	117.03 2.95 0.00	107.44 2.39 0.00	96.94 1.91 0.00	108.47 2.09 0.00	111.34 2.04 0.00
DERFIELD_115KV_TB7 355931	122.02 0.49 0.00	112.06 0.50 0.00	112.13 0.47 0.00	76.98 0.31 0.00	100.06 0.40 0.00	81.55 0.32 0.00	128.81 0.51 0.00	148.64 0.62 0.00	115.44 0.48 0.00	119.07 0.47 0.00	108.64 0.43 0.00	103.23 0.41 0.00	101.04 0.31 0.00	85.45 0.26 0.00	94.33 0.29 0.00	139.95 0.42 0.00	130.20 0.35 0.00	131.00 0.38 0.00	108.24 0.32 0.00	114.42 0.34 0.00	105.38 0.33 0.00	95.30 0.26 0.00	106.78 0.40 0.00	109.67 0.37 0.00
DOGLEVILLE___HYD 23807	129.75 8.21 0.00	118.90 7.34 0.00	118.90 7.23 0.00	81.80 5.12 0.00	106.50 6.83 0.00	87.07 5.85 0.00	138.05 9.75 0.00	159.77 11.74 0.00	123.17 8.21 0.00	125.44 6.84 0.00	114.31 6.09 0.00	108.26 5.44 0.00	105.81 5.08 0.00	89.78 4.59 0.00	99.70 5.66 0.00	148.62 9.08 0.00	138.92 9.06 0.00	139.91 9.30 0.00	115.78 7.87 0.00	122.47 8.39 0.00	112.36 7.30 0.00	101.64 6.61 0.00	113.59 7.21 0.00	116.39 7.09 0.00
DUNKIRK___115KV_TB_200 55889	116.31 -5.22 0.00	106.20 -5.36 0.00	107.10 -4.57 0.00	73.08 -3.60 0.00	94.94 -4.73 0.00	75.97 -5.26 0.00	119.97 -8.32 0.00	139.29 -8.74 0.00	108.42 -6.54 0.00	111.77 -6.82 0.00	102.02 -6.20 0.00	97.41 -5.41 0.00	96.14 -4.58 0.00	81.43 -3.76 0.00	88.63 -5.41 0.00	132.49 -7.04 0.00	122.00 -7.85 0.00	122.45 -8.17 0.00	100.12 -7.79 0.00	105.15 -8.93 0.00	96.72 -8.33 0.00	87.34 -7.69 0.00	98.17 -8.21 0.00	101.06 -8.24 0.00
DUNKIRK___1 23563	116.31 -5.22 0.00	106.20 -5.36 0.00	107.10 -4.57 0.00	73.08 -3.60 0.00	94.94 -4.73 0.00	75.97 -5.26 0.00	119.97 -8.32 0.00	139.29 -8.74 0.00	108.42 -6.54 0.00	111.77 -6.82 0.00	102.02 -6.20 0.00	97.41 -5.41 0.00	96.14 -4.58 0.00	81.43 -3.76 0.00	88.63 -5.41 0.00	132.49 -7.04 0.00	122.00 -7.85 0.00	122.45 -8.17 0.00	100.12 -7.79 0.00	105.15 -8.93 0.00	96.72 -8.33 0.00	87.34 -7.69 0.00	98.17 -8.21 0.00	101.06 -8.24 0.00
DUNKIRK___2 23564	116.31 -5.22 0.00	106.20 -5.36 0.00	107.10 -4.57 0.00	73.08 -3.60 0.00	94.94 -4.73 0.00	75.97 -5.26 0.00	119.97 -8.32 0.00	139.29 -8.74 0.00	108.42 -6.54 0.00	111.77 -6.82 0.00	102.02 -6.20 0.00	97.41 -5.41 0.00	96.14 -4.58 0.00	81.43 -3.76 0.00	88.63 -5.41 0.00	132.49 -7.04 0.00	122.00 -7.85 0.00	122.45 -8.17 0.00	100.12 -7.79 0.00	105.15 -8.93 0.00	96.72 -8.33 0.00	87.34 -7.69 0.00	98.17 -8.21 0.00	101.06 -8.24 0.00
DUNKIRK___3 23565	116.01 -5.52 0.00	105.93 -5.63 0.00	106.72 -4.95 0.00	72.82 -3.86 0.00	94.66 -5.01 0.00	75.85 -5.38 0.00	119.52 -8.78 0.00	138.44 -9.59 0.00	107.75 -7.21 0.00	111.06 -7.54 0.00	101.43 -6.78 0.00	96.92 -5.90 0.00	95.60 -5.12 0.00	81.03 -4.16 0.00	88.27 -5.77 0.00	132.05 -7.48 0.00	121.75 -8.10 0.00	122.38 -8.24 0.00	99.75 -8.16 0.00	104.73 -9.35 0.00	96.45 -8.60 0.00	87.19 -7.84 0.00	98.00 -8.38 0.00	101.07 -8.23 0.00
DUNKIRK___4 23566	116.01 -5.52 0.00	105.93 -5.63 0.00	106.72 -4.95 0.00	72.82 -3.86 0.00	94.66 -5.01 0.00	75.85 -5.38 0.00	119.52 -8.78 0.00	138.44 -9.59 0.00	107.75 -7.21 0.00	111.06 -7.54 0.00	101.43 -6.78 0.00	96.92 -5.90 0.00	95.60 -5.12 0.00	81.03 -4.16 0.00	88.27 -5.77 0.00	132.05 -7.48 0.00	121.75 -8.10 0.00	122.38 -8.24 0.00	99.75 -8.16 0.00	104.73 -9.35 0.00	96.45 -8.60 0.00	87.19 -7.84 0.00	98.00 -8.38 0.00	101.07 -8.23 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	126.25 4.71 0.00	115.29 3.73 0.00	115.48 3.82 0.00	79.57 2.89 0.00	103.42 3.75 0.00	84.83 3.61 0.00	134.73 6.43 0.00	155.88 7.85 0.00	121.06 6.09 0.00	125.00 6.40 0.00	113.81 5.60 0.00	107.73 4.91 0.00	105.26 4.53 0.00	88.72 3.54 0.00	97.99 3.95 0.00	145.23 5.70 0.00	136.18 6.33 0.00	137.40 6.78 0.00	113.85 5.94 0.00	120.53 6.45 0.00	110.21 5.15 0.00	99.08 4.06 0.00	110.75 4.37 0.00	113.49 4.18 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	125.88 4.34 0.00	115.12 3.56 0.00	115.28 3.61 0.00	79.35 2.68 0.00	103.17 3.51 0.00	84.47 3.25 0.00	134.12 5.82 0.00	155.06 7.03 0.00	120.18 5.22 0.00	124.05 5.45 0.00	113.01 4.79 0.00	106.98 4.16 0.00	104.50 3.77 0.00	88.08 2.89 0.00	97.32 3.28 0.00	144.46 4.92 0.00	135.40 5.55 0.00	136.65 6.04 0.00	113.22 5.30 0.00	119.87 5.79 0.00	109.66 4.60 0.00	98.64 3.61 0.00	110.23 3.85 0.00	112.97 3.66 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	125.78 4.25 0.00	114.91 3.34 0.00	115.18 3.51 0.00	79.44 2.77 0.00	103.14 3.47 0.00	84.72 3.50 0.00	134.49 6.19 0.00	155.96 7.92 0.00	121.15 6.18 0.00	125.04 6.44 0.00	113.82 5.61 0.00	107.69 4.87 0.00	105.21 4.49 0.00	88.63 3.45 0.00	97.91 3.87 0.00	145.03 5.50 0.00	136.07 6.22 0.00	137.31 6.69 0.00	113.86 5.95 0.00	120.36 6.28 0.00	110.02 4.96 0.00	98.98 3.95 0.00	110.64 4.26 0.00	113.13 3.83 0.00

E179THST_13_KV_LOAD 356214	126.37 4.83 0.00	115.37 3.81 0.00	115.68 4.01 0.00	79.77 3.10 0.00	103.56 3.90 0.00	85.09 3.86 0.00	135.06 6.76 0.00	156.72 8.69 0.00	121.75 6.79 0.00	125.68 7.08 0.00	114.42 6.20 0.00	108.27 5.45 0.00	105.76 5.03 0.00	89.11 3.92 0.00	98.40 4.35 0.00	145.81 6.27 0.00	136.83 6.98 0.00	138.05 7.43 0.00	114.47 6.56 0.00	121.01 6.93 0.00	110.59 5.53 0.00	99.47 4.44 0.00	111.18 4.81 0.00	113.67 4.37 0.00
EAST HAMPTON___GT 23717	127.69 6.15 0.00	116.45 4.89 0.00	117.11 5.44 0.00	80.78 4.10 0.00	105.14 5.47 0.00	87.01 5.79 0.00	163.83 9.72 -25.82	185.28 10.23 -27.03	133.91 8.22 -10.73	125.89 7.11 -0.18	113.72 5.51 0.00	107.16 4.34 0.00	104.82 4.10 0.00	88.65 3.46 0.00	99.04 5.00 0.00	149.84 7.43 -2.88	140.71 8.80 -2.06	141.84 8.68 -2.54	118.67 7.79 -2.97	122.67 8.35 -0.24	124.23 7.39 -11.79	159.80 6.17 -58.60	158.66 7.43 -44.85	116.16 6.86 0.00
EAST RIVER___6 23660	126.18 4.64 0.00	115.17 3.61 0.00	115.36 3.69 0.00	79.51 2.83 0.00	103.34 3.68 0.00	84.86 3.64 0.00	134.95 6.65 0.00	156.36 8.34 0.00	121.55 6.59 0.00	125.62 7.03 0.00	114.30 6.09 0.00	108.22 5.40 0.00	105.78 5.06 0.00	89.11 3.93 0.00	98.36 4.32 0.00	145.83 6.30 0.00	136.73 6.88 0.00	137.93 7.31 0.00	114.23 6.31 0.00	120.79 6.71 0.00	110.32 5.26 0.00	99.17 4.14 0.00	110.82 4.44 0.00	113.42 4.12 0.00
EAST RIVER___7 23524	126.18 4.64 0.00	115.17 3.61 0.00	115.36 3.69 0.00	79.51 2.83 0.00	103.34 3.68 0.00	84.86 3.64 0.00	134.95 6.65 0.00	156.36 8.34 0.00	121.55 6.59 0.00	125.62 7.03 0.00	114.30 6.09 0.00	108.22 5.40 0.00	105.78 5.06 0.00	89.11 3.93 0.00	98.36 4.32 0.00	145.83 6.30 0.00	136.73 6.88 0.00	137.93 7.31 0.00	114.23 6.31 0.00	120.79 6.71 0.00	110.32 5.26 0.00	99.17 4.14 0.00	110.82 4.44 0.00	113.42 4.12 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	125.97 4.44 0.00	115.08 3.52 0.00	115.28 3.61 0.00	79.42 2.74 0.00	103.23 3.56 0.00	84.66 3.43 0.00	134.38 6.08 0.00	155.50 7.46 0.00	120.76 5.80 0.00	124.65 6.06 0.00	113.53 5.32 0.00	107.46 4.64 0.00	105.01 4.28 0.00	88.49 3.30 0.00	97.76 3.72 0.00	144.89 5.36 0.00	135.85 6.00 0.00	137.05 6.44 0.00	113.59 5.68 0.00	120.24 6.16 0.00	109.92 4.86 0.00	98.84 3.81 0.00	110.52 4.14 0.00	113.19 3.88 0.00
EAST_HAMPTON___DIESEL 23722	127.31 5.78 0.00	116.11 4.55 0.00	116.76 5.09 0.00	80.55 3.87 0.00	104.82 5.15 0.00	86.76 5.53 0.00	163.44 9.32 -25.82	184.82 9.77 -27.03	133.57 7.88 -10.73	125.53 6.75 -0.18	113.40 5.19 0.00	106.82 4.00 0.00	104.52 3.79 0.00	88.38 3.20 0.00	98.75 4.70 0.00	149.41 7.00 -2.88	140.32 8.41 -2.06	141.38 8.23 -2.54	118.33 7.45 -2.97	122.27 7.94 -0.24	123.89 7.04 -11.79	159.51 5.88 -58.60	158.31 7.08 -44.85	115.84 6.53 0.00
EAST_POINT___SOLAR 323840	126.53 5.00 0.00	116.04 4.48 0.00	116.07 4.40 0.00	79.67 3.00 0.00	103.64 3.98 0.00	84.64 3.41 0.00	134.24 5.94 0.00	155.40 7.37 0.00	118.79 3.83 0.00	120.59 2.00 0.00	110.61 2.40 0.00	105.39 2.57 0.00	103.17 2.44 0.00	87.59 2.40 0.00	97.50 3.46 0.00	145.94 6.41 0.00	136.47 6.62 0.00	137.80 7.18 0.00	113.48 5.56 0.00	119.78 5.70 0.00	110.14 5.08 0.00	99.57 4.54 0.00	111.15 4.77 0.00	113.97 4.67 0.00
EAST_PULASKI___ESR 323781	118.28 -3.25 0.00	108.42 -3.14 0.00	108.78 -2.89 0.00	74.41 -2.27 0.00	96.79 -2.88 0.00	78.90 -2.32 0.00	124.42 -3.88 0.00	144.03 -4.00 0.00	111.90 -3.06 0.00	115.51 -3.08 0.00	105.44 -2.77 0.00	100.09 -2.73 0.00	97.96 -2.77 0.00	82.85 -2.34 0.00	91.55 -2.50 0.00	136.10 -3.43 0.00	126.47 -3.39 0.00	127.49 -3.13 0.00	105.13 -2.79 0.00	111.09 -2.99 0.00	102.52 -2.54 0.00	93.08 -1.95 0.00	104.34 -2.04 0.00	106.73 -2.57 0.00
EAST_RIVER___1 323558	126.31 4.78 0.00	115.29 3.72 0.00	115.48 3.81 0.00	79.60 2.93 0.00	103.44 3.78 0.00	84.93 3.71 0.00	134.98 6.68 0.00	156.35 8.32 0.00	121.50 6.54 0.00	125.51 6.92 0.00	114.20 5.99 0.00	108.12 5.29 0.00	105.64 4.92 0.00	89.03 3.84 0.00	98.27 4.22 0.00	145.66 6.13 0.00	136.60 6.75 0.00	137.80 7.18 0.00	114.15 6.23 0.00	120.73 6.65 0.00	110.31 5.25 0.00	99.18 4.15 0.00	110.85 4.47 0.00	113.50 4.20 0.00
EAST_RIVER___2 323559	126.18 4.64 0.00	115.17 3.61 0.00	115.36 3.69 0.00	79.51 2.83 0.00	103.34 3.68 0.00	84.86 3.64 0.00	134.95 6.65 0.00	156.36 8.34 0.00	121.55 6.59 0.00	125.62 7.03 0.00	114.30 6.09 0.00	108.22 5.40 0.00	105.78 5.06 0.00	89.11 3.93 0.00	98.36 4.32 0.00	145.83 6.30 0.00	136.73 6.88 0.00	137.93 7.31 0.00	114.23 6.31 0.00	120.79 6.71 0.00	110.32 5.26 0.00	99.17 4.14 0.00	110.82 4.44 0.00	113.42 4.12 0.00
EAST___DELAWARE_HYD 23607	124.05 2.52 0.00	113.65 1.99 -0.10	113.65 1.98 0.00	78.42 1.57 -0.17	101.77 2.10 0.00	83.44 2.10 -0.11	132.60 4.30 0.00	153.39 5.36 0.00	119.03 3.92 -0.16	122.63 4.04 0.00	111.63 3.41 0.00	105.72 2.90 0.00	103.18 2.45 0.00	87.12 1.93 0.00	96.29 2.12 -0.13	142.89 3.36 0.00	133.94 4.09 0.00	135.18 4.57 0.00	112.00 4.08 0.00	118.58 4.50 0.00	108.49 3.43 0.00	97.53 2.50 0.00	108.89 2.51 0.00	111.55 2.25 0.00
EIGHT_POINT___WT_PWR 323820	110.14 -11.39 0.00	102.31 -9.63 -0.38	103.09 -8.58 0.00	70.49 -6.82 -0.63	90.33 -9.34 0.00	73.06 -8.59 -0.43	114.30 -14.00 0.00	132.76 -15.26 0.00	104.13 -11.41 -0.58	106.80 -11.79 0.00	97.79 -10.42 0.00	92.32 -10.51 0.00	90.49 -10.23 0.00	77.61 -7.58 0.00	85.92 -8.61 -0.48	130.65 -8.88 0.00	122.14 -7.71 0.00	123.68 -6.94 0.00	100.91 -7.01 0.00	106.16 -7.92 0.00	97.66 -7.40 0.00	88.25 -6.78 0.00	98.98 -7.40 0.00	103.20 -6.11 0.00
ELBRIDGE_115KV_TB2 80188	118.95 -2.58 0.00	109.11 -2.45 0.00	109.21 -2.46 0.00	74.91 -1.76 0.00	97.51 -2.16 0.00	79.32 -1.90 0.00	125.70 -2.61 0.00	145.15 -2.88 0.00	112.69 -2.27 0.00	116.17 -2.42 0.00	105.97 -2.25 0.00	100.69 -2.13 0.00	98.60 -2.12 0.00	83.37 -1.82 0.00	91.95 -2.10 0.00	136.62 -2.91 0.00	127.37 -2.48 0.00	128.16 -2.46 0.00	105.69 -2.23 0.00	111.58 -2.50 0.00	102.48 -2.57 0.00	92.67 -2.36 0.00	103.83 -2.55 0.00	106.85 -2.45 0.00
ELEC_TRO_TEK 24086	127.07 5.54 0.00	116.25 4.69 0.00	116.55 4.88 0.00	80.30 3.62 0.00	104.41 4.74 0.00	85.90 4.68 0.00	135.87 7.56 0.00	156.60 8.57 0.00	122.02 7.06 0.00	125.73 7.14 0.00	114.68 6.47 0.00	108.36 5.54 0.00	105.96 5.23 0.00	89.46 4.27 0.00	99.12 5.07 0.00	146.55 7.02 0.00	137.72 7.87 0.00	138.82 8.21 0.00	118.29 7.41 -2.97	122.26 7.94 -0.24	123.31 6.47 -11.79	123.98 5.30 -23.65	119.08 6.03 -6.66	115.01 5.70 0.00
ELLENBURG_WT_PWR 323604	120.02 -1.52 0.00	110.57 -0.99 0.00	110.44 -1.23 0.00	75.89 -0.79 0.00	98.18 -1.49 0.00	80.28 -0.94 0.00	126.41 -1.89 0.00	145.84 -2.19 0.00	113.52 -1.44 0.00	117.26 -1.33 0.00	107.17 -1.04 0.00	102.14 -0.68 0.00	100.30 -0.42 0.00	85.11 -0.08 0.00	94.20 0.15 0.00	139.58 0.04 0.00	130.09 0.24 0.00	130.74 0.12 0.00	108.56 0.65 0.00	115.07 0.99 0.00	106.45 1.39 0.00	96.70 1.67 0.00	108.03 1.65 0.00	110.67 1.37 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	115.71 -5.82 0.00	105.44 -6.12 0.00	106.10 -5.57 0.00	72.46 -4.22 0.00	94.23 -5.43 0.00	75.57 -5.65 0.00	118.23 -10.07 0.00	136.18 -11.84 0.00	106.02 -8.94 0.00	109.29 -9.31 0.00	99.90 -8.31 0.00	95.77 -7.05 0.00	94.30 -6.42 0.00	80.10 -5.09 0.00	87.30 -6.74 0.00	131.19 -8.34 0.00	121.22 -8.63 0.00	122.58 -8.03 0.00	98.50 -9.41 0.00	103.05 -11.02 0.00	95.51 -9.55 0.00	86.64 -8.39 0.00	97.44 -8.94 0.00	101.02 -8.28 0.00
EMPIRE_CC_1 323656	125.77 4.23 0.00	115.47 3.91 0.00	115.57 3.90 0.00	79.45 2.77 0.00	103.31 3.64 0.00	84.11 2.89 0.00	132.29 3.99 0.00	152.60 4.57 0.00	118.49 3.53 0.00	122.12 3.53 0.00	111.70 3.49 0.00	106.09 3.27 0.00	103.94 3.21 0.00	87.78 2.59 0.00	96.69 2.64 0.00	142.51 2.98 0.00	132.44 2.59 0.00	133.24 2.62 0.00	110.24 2.32 0.00	116.60 2.52 0.00	107.22 2.16 0.00	97.34 2.31 0.00	109.15 2.77 0.00	111.94 2.63 0.00
EMPIRE_CC_2 323658	125.77 4.23 0.00	115.47 3.91 0.00	115.57 3.90 0.00	79.45 2.77 0.00	103.31 3.64 0.00	84.11 2.89 0.00	132.29 3.99 0.00	152.60 4.57 0.00	118.49 3.53 0.00	122.12 3.53 0.00	111.70 3.49 0.00	106.09 3.27 0.00	103.94 3.21 0.00	87.78 2.59 0.00	96.69 2.64 0.00	142.51 2.98 0.00	132.44 2.59 0.00	133.24 2.62 0.00	110.24 2.32 0.00	116.60 2.52 0.00	107.22 2.16 0.00	97.34 2.31 0.00	109.15 2.77 0.00	111.94 2.63 0.00
ENORWICH_115KV_TB1 80156	125.68 4.14 0.00	115.10 3.54 0.00	115.95 4.28 0.00	79.14 2.46 0.00	103.06 3.39 0.00	83.72 2.50 0.00	133.18 4.88 0.00	154.40 6.37 0.00	119.24 4.28 0.00	122.86 4.26 0.00	112.69 4.47 0.00	107.26 4.44 0.00	105.21 4.49 0.00	88.78 3.60 0.00	97.99 3.95 0.00	146.64 7.11 0.00	136.82 6.97 0.00	137.71 7.10 0.00	112.87 4.95 0.00	119.35 5.27 0.00	109.63 4.58 0.00	99.53 4.50 0.00	111.93 5.55 0.00	114.92 5.62 0.00
ERIE_ST__34_KV_TB1-2 80199	117.95 -3.58 0.00	107.36 -4.20 0.00	107.92 -3.75 0.00	73.73 -2.95 0.00	95.91 -3.75 0.00	77.13 -4.09 0.00	120.87 -7.43 0.00	139.29 -8.74 0.00	108.36 -6.60 0.00	111.60 -7.00 0.00	101.95 -6.26 0.00	97.76 -5.06 0.00	96.28 -4.44 0.00	81.76 -3.43 0.00	89.24 -4.80 0.00	134.08 -5.45 0.00	124.06 -5.79 0.00	125.29 -5.32 0.00	100.72 -7.20 0.00	105.44 -8.64 0.00	97.66 -7.39 0.00	88.54 -6.49 0.00	99.53 -6.85 0.00	103.10 -6.20 0.00
ERIE_WT_PWR 323693	116.58 -4.95 0.00	104.82 -5.37 1.37	106.82 -4.85 0.00	70.66 -3.76 2.26	94.84 -4.83 0.00	74.56 -5.11 1.56	119.21 -9.09 0.00	137.37 -10.66 0.00	104.91 -7.97 2.08	110.10 -8.49 0.00	100.62 -7.59 0.00	96.45 -6.37 0.00	94.99 -5.73 0.00	80.68 -4.51 0.00	86.20 -6.12 1.72	114.47 -7.23 17.83	104.10 -7.53 18.22	83.14 -6.90 40.57	95.44 -8.57 3.89	104.01 -10.07 0.00	93.72 -8.52 2.82	80.36 -7.57 7.10	86.06 -8.09 12.23	94.96 -7.49 6.85
ESPRGFLD_115KV_TB1 80157	121.76 0.23 0.00	111.73 0.17 0.00	111.77 0.10 0.00	76.73 0.05 0.00	99.77 0.10 0.00	81.33 0.10 0.00	128.89 0.59 0.00	149.09 1.06 0.00	115.51 0.55 0.00	119.31 0.72 0.00	109.27 1.06 0.00	103.74 0.92 0.00	101.46 0.74 0.00	85.72 0.53 0.00	94.77 0.72 0.00	141.06 1.53 0.00	131.54 1.69 0.00	132.69 2.07 0.00	109.30 1.38 0.00	115.51 1.43 0.00	106.23 1.17 0.00	96.07 1.04 0.00	107.34 0.96 0.00	110.22 0.92 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	122.01 0.48 0.00	111.88 0.32 0.00	112.14 0.47 0.00	76.84 0.16 0.00	100.06 0.39 0.00	81.38 0.15 0.00	129.04 0.74 0.00	149.23 1.20 0.00	115.73 0.77 0.00	119.21 0.62 0.00	108.86 0.64 0.00	103.37 0.55 0.00	101.09 0.36 0.00	85.15 -0.04 0.00	93.87 -0.17 0.00	140.33 0.80 0.00	130.99 1.14 0.00	131.98 1.37 0.00	108.71 0.80 0.00	114.73 0.65 0.00	105.37 0.32 0.00	95.18 0.15 0.00	106.53 0.15 0.00	109.52 0.21 0.00
ETNA____115KV_TB2 80207	122.01 0.48 0.00	111.88 0.32 0.00	112.14 0.47 0.00	76.84 0.16 0.00	100.06 0.39 0.00	81.38 0.15 0.00	129.04 0.74 0.00	149.23 1.20 0.00	115.73 0.77 0.00	119.21 0.62 0.00	108.86 0.64 0.00	103.37 0.55 0.00	101.09 0.36 0.00	85.15 -0.04 0.00	93.87 -0.17 0.00	140.33 0.80 0.00	130.99 1.14 0.00	131.98 1.37 0.00	108.71 0.80 0.00	114.73 0.65 0.00	105.37 0.32 0.00	95.18 0.15 0.00	106.53 0.15 0.00	109.52 0.21 0.00
EUCLID__115KV_TB2 356179	118.33 -3.20 0.00	108.53 -3.03 0.00	108.76 -2.91 0.00	74.62 -2.06 0.00	97.10 -2.57 0.00	78.99 -2.23 0.00	124.91 -3.39 0.00	144.22 -3.80 0.00	112.00 -2.96 0.00	115.55 -3.05 0.00	105.49 -2.72 0.00	100.24 -2.58 0.00	98.20 -2.52 0.00	83.07 -2.11 0.00	91.58 -2.47 0.00	136.13 -3.40 0.00	126.65 -3.20 0.00	127.53 -3.09 0.00	105.05 -2.86 0.00	110.87 -3.21 0.00	101.98 -3.07 0.00	92.18 -2.85 0.00	103.30 -3.08 0.00	106.29 -3.01 0.00
E_CANADA_CAP_HY 24051	122.09 0.55 0.00	112.16 0.49 -0.11	111.96 0.29 0.00	77.05 0.18 -0.19	99.90 0.23 0.00	81.66 0.30 -0.13	128.97 0.67 0.00	149.20 1.17 0.00	115.43 0.29 -0.17	118.62 0.03 0.00	108.78 0.56 0.00	103.31 0.49 0.00	101.03 0.30 0.00	85.54 0.35 0.00	94.98 0.79 -0.14	142.74 1.66 -1.54	133.08 1.65 -1.58	136.15 2.03 -3.51	109.52 1.27 -0.34	115.39 1.30 0.00	106.48 1.18 -0.24	96.97 1.33 -0.62	108.70 1.25 -1.07	111.15 1.25 -0.60
E_CANADA_MHWK_HY 24050	129.75 8.22 0.00	118.91 7.34 0.00	118.90 7.23 0.00	81.80 5.13 0.00	106.49 6.83 0.00	87.07 5.85 0.00	138.05 9.75 0.00	159.77 11.74 0.00	123.17 8.21 0.00	125.44 6.84 0.00	114.30 6.09 0.00	108.26 5.44 0.00	105.81 5.08 0.00	89.78 4.59 0.00	99.71 5.66 0.00	148.61 9.08 0.00	138.92 9.06 0.00	139.90 9.29 0.00	115.79 7.87 0.00	122.47 8.39 0.00	112.35 7.29 0.00	101.65 6.61 0.00	113.60 7.22 0.00	116.40 7.09 0.00
E_FISHKILL__LBMP 23776	125.65 4.11 0.00	114.92 3.36 0.00	115.11 3.44 0.00	79.27 2.59 0.00	103.06 3.39 0.00	84.36 3.14 0.00	133.84 5.54 0.00	154.66 6.63 0.00	120.10 5.14 0.00	123.97 5.37 0.00	112.95 4.74 0.00	106.96 4.14 0.00	104.52 3.79 0.00	88.13 2.94 0.00	97.31 3.26 0.00	144.17 4.64 0.00	135.03 5.18 0.00	136.24 5.62 0.00	112.87 4.96 0.00	119.51 5.43 0.00	109.34 4.28 0.00	98.36 3.32 0.00	109.98 3.60 0.00	112.73 3.43 0.00
FALCON__SEABRD_CC1 323796	120.78 -0.75 0.00	112.22 0.66 0.00	112.10 0.43 0.00	77.02 0.34 0.00	99.60 -0.07 0.00	81.54 0.32 0.00	128.39 0.09 0.00	148.03 0.00 0.00	115.22 0.26 0.00	119.10 0.50 0.00	108.86 0.65 0.00	103.72 0.89 0.00	102.15 1.42 0.00	86.78 1.59 0.00	95.68 1.63 0.00	141.74 2.20 0.00	132.49 2.64 0.00	133.23 2.61 0.00	110.72 2.80 0.00	116.96 2.88 0.00	108.11 3.05 0.00	98.31 3.28 0.00	109.78 3.40 0.00	112.30 2.99 0.00
FALCON__SEABRD_CC2 323797	120.78 -0.75 0.00	112.22 0.66 0.00	112.10 0.43 0.00	77.02 0.34 0.00	99.60 -0.07 0.00	81.54 0.32 0.00	128.39 0.09 0.00	148.03 0.00 0.00	115.22 0.26 0.00	119.10 0.50 0.00	108.86 0.65 0.00	103.72 0.89 0.00	102.15 1.42 0.00	86.78 1.59 0.00	95.68 1.63 0.00	141.74 2.20 0.00	132.49 2.64 0.00	133.23 2.61 0.00	110.72 2.80 0.00	116.96 2.88 0.00	108.11 3.05 0.00	98.31 3.28 0.00	109.78 3.40 0.00	112.30 2.99 0.00

FAR ROCKAWAY___4 23548	129.15 7.61 0.00	118.09 6.53 0.00	118.36 6.69 0.00	81.52 4.84 0.00	106.00 6.34 0.00	87.26 6.04 0.00	138.09 9.79 0.00	159.28 11.25 0.00	124.02 9.06 0.00	127.78 9.18 0.00	116.51 8.29 -0.01	110.17 7.34 -0.01	107.69 6.96 -0.01	91.00 5.81 -0.01	100.83 6.78 -0.01	149.19 9.66 -0.01	140.30 10.44 -0.01	141.17 10.55 0.00	120.18 9.30 -2.97	124.21 9.89 -0.24	125.10 8.25 -11.79	125.60 6.91 -23.66	120.84 7.80 -6.67	116.74 7.43 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	126.35 4.82 0.00	115.38 3.82 0.00	115.55 3.88 0.00	79.64 2.96 0.00	103.49 3.82 0.00	84.96 3.74 0.00	135.02 6.72 0.00	156.45 8.42 0.00	121.54 6.58 0.00	125.54 6.95 0.00	114.22 6.00 0.00	108.13 5.31 0.00	105.68 4.95 0.00	89.03 3.84 0.00	98.28 4.24 0.00	145.69 6.16 0.00	136.62 6.77 0.00	137.90 7.29 0.00	114.19 6.28 0.00	120.78 6.70 0.00	110.36 5.31 0.00	99.19 4.17 0.00	110.92 4.54 0.00	113.52 4.22 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	126.46 4.92 0.00	115.46 3.90 0.00	115.64 3.97 0.00	79.69 3.02 0.00	103.57 3.90 0.00	85.03 3.81 0.00	135.14 6.84 0.00	156.55 8.52 0.00	121.60 6.64 0.00	125.62 7.03 0.00	114.29 6.08 0.00	108.21 5.38 0.00	105.72 4.99 0.00	89.08 3.90 0.00	98.35 4.31 0.00	145.77 6.23 0.00	136.72 6.87 0.00	137.95 7.34 0.00	114.26 6.34 0.00	120.88 6.80 0.00	110.44 5.39 0.00	99.29 4.26 0.00	111.01 4.63 0.00	113.62 4.32 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	126.34 4.80 0.00	115.35 3.79 0.00	115.54 3.87 0.00	79.64 2.96 0.00	103.48 3.81 0.00	84.95 3.73 0.00	135.01 6.71 0.00	156.42 8.39 0.00	121.50 6.53 0.00	125.50 6.91 0.00	114.20 5.98 0.00	108.12 5.30 0.00	105.64 4.91 0.00	89.01 3.83 0.00	98.27 4.23 0.00	145.64 6.11 0.00	136.62 6.77 0.00	137.82 7.21 0.00	114.15 6.23 0.00	120.76 6.67 0.00	110.34 5.28 0.00	99.19 4.16 0.00	110.89 4.51 0.00	113.51 4.21 0.00
FARRAGUT___LBMP 323566	126.23 4.70 0.00	115.28 3.72 0.00	115.44 3.78 0.00	79.56 2.89 0.00	103.39 3.72 0.00	84.88 3.65 0.00	134.89 6.58 0.00	156.28 8.26 0.00	121.37 6.41 0.00	125.38 6.79 0.00	114.08 5.87 0.00	108.01 5.19 0.00	105.53 4.81 0.00	88.93 3.74 0.00	98.17 4.13 0.00	145.49 5.96 0.00	136.48 6.63 0.00	137.70 7.08 0.00	114.04 6.13 0.00	120.65 6.57 0.00	110.23 5.17 0.00	99.10 4.07 0.00	110.81 4.43 0.00	113.41 4.11 0.00
FENNER___WINDPWR 24204	123.33 1.79 0.00	113.35 1.68 -0.11	113.51 1.85 0.00	77.99 1.13 -0.19	101.22 1.55 0.00	82.64 1.29 -0.13	130.63 2.33 0.00	150.98 2.96 0.00	117.42 2.29 -0.17	121.00 2.40 0.00	110.39 2.18 0.00	104.77 1.95 0.00	102.56 1.83 0.00	86.77 1.58 0.00	95.89 1.70 -0.14	143.85 2.85 -1.47	133.89 2.53 -1.50	136.68 2.72 -3.35	110.10 1.87 -0.32	115.71 1.63 0.00	106.79 1.50 -0.23	96.84 1.23 -0.58	108.79 1.41 -1.01	111.15 1.28 -0.56
FIBERTEK___ENERGY 23856	119.57 -1.96 0.00	109.68 -1.88 0.00	109.87 -1.80 0.00	75.37 -1.31 0.00	98.10 -1.57 0.00	79.84 -1.38 0.00	126.46 -1.85 0.00	146.01 -2.01 0.00	113.37 -1.60 0.00	116.90 -1.69 0.00	106.69 -1.53 0.00	101.37 -1.45 0.00	99.26 -1.46 0.00	83.94 -1.25 0.00	92.61 -1.43 0.00	137.60 -1.94 0.00	128.13 -1.72 0.00	128.97 -1.64 0.00	106.34 -1.58 0.00	112.25 -1.83 0.00	103.13 -1.93 0.00	93.22 -1.81 0.00	104.44 -1.94 0.00	107.41 -1.90 0.00
FITZPATRICK___ 23598	116.64 -4.90 0.00	106.99 -4.57 0.00	107.18 -4.49 0.00	73.54 -3.14 0.00	95.66 -4.01 0.00	77.85 -3.37 0.00	123.06 -5.24 0.00	142.03 -6.00 0.00	110.33 -4.63 0.00	113.76 -4.83 0.00	103.85 -4.36 0.00	98.68 -4.14 0.00	96.64 -4.08 0.00	81.76 -3.43 0.00	90.17 -3.87 0.00	133.96 -5.58 0.00	124.69 -5.16 0.00	125.51 -5.11 0.00	103.47 -4.45 0.00	109.28 -4.80 0.00	100.58 -4.48 0.00	90.96 -4.06 0.00	101.97 -4.41 0.00	104.98 -4.32 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	127.55 6.01 0.00	116.63 5.07 0.00	116.78 5.11 0.00	80.41 3.73 0.00	104.55 4.88 0.00	85.62 4.39 0.00	135.93 7.63 0.00	157.17 9.14 0.00	121.98 7.02 0.00	125.80 7.21 0.00	114.53 6.32 0.00	108.44 5.61 0.00	105.91 5.18 0.00	89.35 4.16 0.00	98.71 4.67 0.00	146.50 6.97 0.00	137.30 7.46 0.00	138.58 7.96 0.00	114.79 6.87 0.00	121.50 7.42 0.00	111.13 6.07 0.00	99.95 4.91 0.00	111.66 5.28 0.00	114.37 5.07 0.00
FORT ORANGE___ 23900	126.00 4.47 0.00	115.72 4.16 0.00	115.84 4.17 0.00	79.61 2.93 0.00	103.54 3.87 0.00	84.30 3.08 0.00	133.04 4.74 0.00	153.53 5.50 0.00	119.09 4.13 0.00	122.41 3.82 0.00	111.62 3.41 0.00	105.94 3.12 0.00	103.73 3.00 0.00	87.73 2.54 0.00	96.46 2.42 0.00	142.73 3.20 0.00	133.16 3.31 0.00	133.92 3.31 0.00	110.84 2.92 0.00	117.18 3.10 0.00	107.81 2.75 0.00	97.59 2.56 0.00	109.59 3.22 0.00	112.50 3.20 0.00
FORT_DRUM_COGEN 23780	121.38 -0.15 0.00	110.99 -0.57 0.00	111.84 0.17 0.00	75.79 -0.89 0.00	98.51 -1.16 0.00	80.56 -0.66 0.00	126.99 -1.31 0.00	147.50 -0.53 0.00	114.68 -0.28 0.00	118.33 -0.26 0.00	107.82 -0.39 0.00	102.29 -0.53 0.00	99.91 -0.81 0.00	84.34 -0.85 0.00	93.85 -0.20 0.00	139.63 0.09 0.00	129.58 -0.27 0.00	131.58 0.96 0.00	108.57 0.65 0.00	114.96 0.89 0.00	106.57 1.52 0.00	97.39 2.36 0.00	109.35 2.97 0.00	110.36 1.06 0.00
FOX_HILLS___ESR 323835	126.25 4.72 0.00	115.21 3.65 0.00	115.44 3.77 0.00	79.81 3.13 0.00	103.35 3.68 0.00	84.99 3.76 0.00	134.94 6.63 0.00	156.19 8.16 0.00	121.25 6.29 0.00	125.15 6.56 0.00	113.89 5.68 0.00	107.67 4.85 0.00	105.19 4.46 0.00	88.55 3.36 0.00	97.77 3.73 0.00	144.81 5.28 0.00	136.12 6.27 0.00	137.55 6.94 0.00	113.89 5.98 0.00	120.09 6.01 0.00	109.69 4.63 0.00	98.67 3.64 0.00	110.31 3.94 0.00	112.85 3.55 0.00
FPL_FAR_ROCK_GT1 24212	129.15 7.62 0.00	118.08 6.53 0.00	118.36 6.69 0.00	81.52 4.84 0.00	106.00 6.33 0.00	87.27 6.05 0.00	138.09 9.79 0.00	159.27 11.24 0.00	124.04 9.08 0.00	127.78 9.18 0.00	116.50 8.28 -0.01	110.17 7.34 -0.01	107.69 6.96 -0.01	91.00 5.81 -0.01	100.81 6.76 -0.01	149.24 9.70 -0.01	140.26 10.40 -0.01	141.16 10.54 0.00	120.17 9.29 -2.97	124.20 9.88 -0.24	125.09 8.24 -11.79	125.60 6.91 -23.66	120.82 7.78 -6.67	116.78 7.47 0.00
FPL_FAR_ROCK_GT2 23815	129.15 7.62 0.00	118.08 6.53 0.00	118.36 6.69 0.00	81.52 4.84 0.00	106.00 6.33 0.00	87.27 6.05 0.00	138.09 9.79 0.00	159.27 11.24 0.00	124.04 9.08 0.00	127.78 9.18 0.00	116.50 8.28 -0.01	110.17 7.34 -0.01	107.69 6.96 -0.01	91.00 5.81 -0.01	100.81 6.76 -0.01	149.24 9.70 -0.01	140.26 10.40 -0.01	141.16 10.54 0.00	120.17 9.29 -2.97	124.20 9.88 -0.24	125.09 8.24 -11.79	125.60 6.91 -23.66	120.82 7.78 -6.67	116.78 7.47 0.00
FRANKLIN_FALL_HYD 24054	123.49 1.96 0.00	113.87 2.31 0.00	113.78 2.11 0.00	78.14 1.46 0.00	100.78 1.11 0.00	82.49 1.27 0.00	129.36 1.06 0.00	149.47 1.44 0.00	116.78 1.82 0.00	120.77 2.17 0.00	110.37 2.16 0.00	105.19 2.37 0.00	103.31 2.59 0.00	87.47 2.28 0.00	96.34 2.29 0.00	142.53 3.00 0.00	133.45 3.60 0.00	134.28 3.67 0.00	111.25 3.33 0.00	117.21 3.13 0.00	108.46 3.40 0.00	98.59 3.56 0.00	110.21 3.83 0.00	112.86 3.56 0.00

FREEPORT_EQUS_GT1 23764	128.30 6.76 0.00	117.25 5.68 0.00	117.55 5.88 0.00	80.98 4.30 0.00	105.30 5.63 0.00	86.74 5.52 0.00	137.10 8.80 0.00	157.50 9.47 0.00	122.97 8.01 0.00	126.78 8.18 0.00	115.52 7.30 0.00	109.07 6.25 0.00	106.67 5.94 0.00	90.11 4.92 0.00	99.89 5.84 0.00	147.88 8.35 0.00	138.81 8.95 0.00	139.93 9.31 0.00	119.48 8.60 -2.97	123.57 9.25 -0.24	124.51 7.66 -11.79	125.02 6.34 -23.65	120.25 7.21 -6.66	116.22 6.91 0.00
FREEPORT___CT2 23818	128.30 6.76 0.00	117.25 5.68 0.00	117.55 5.88 0.00	80.98 4.30 0.00	105.30 5.63 0.00	86.74 5.52 0.00	137.10 8.80 0.00	157.50 9.47 0.00	122.97 8.01 0.00	126.78 8.18 0.00	115.52 7.30 0.00	109.07 6.25 0.00	106.67 5.94 0.00	90.11 4.92 0.00	99.89 5.84 0.00	147.88 8.35 0.00	138.81 8.95 0.00	139.93 9.31 0.00	119.48 8.60 -2.97	123.57 9.25 -0.24	124.51 7.66 -11.79	125.02 6.34 -23.65	120.25 7.21 -6.66	116.22 6.91 0.00
FRESHKLS_33_KV_LOAD 356253	126.42 4.88 0.00	115.33 3.77 0.00	115.60 3.93 0.00	80.01 3.33 0.00	103.50 3.83 0.00	85.15 3.92 0.00	135.15 6.85 0.00	156.38 8.35 0.00	121.35 6.39 0.00	125.20 6.61 0.00	113.94 5.73 0.00	107.66 4.84 0.00	105.19 4.46 0.00	88.51 3.32 0.00	97.75 3.71 0.00	144.83 5.29 0.00	136.25 6.40 0.00	137.76 7.14 0.00	113.97 6.05 0.00	119.98 5.90 0.00	109.57 4.52 0.00	98.58 3.55 0.00	110.21 3.83 0.00	112.73 3.43 0.00
FULTON COGEN____ 23766	117.31 -4.22 0.00	107.68 -3.88 0.00	107.90 -3.77 0.00	74.14 -2.54 0.00	96.46 -3.21 0.00	78.51 -2.72 0.00	124.24 -4.06 0.00	143.45 -4.58 0.00	111.41 -3.55 0.00	114.92 -3.68 0.00	104.86 -3.36 0.00	99.64 -3.18 0.00	97.60 -3.13 0.00	82.58 -2.61 0.00	91.02 -3.02 0.00	135.32 -4.21 0.00	125.86 -3.99 0.00	126.81 -3.81 0.00	104.49 -3.42 0.00	110.22 -3.86 0.00	101.43 -3.63 0.00	91.68 -3.35 0.00	102.72 -3.66 0.00	105.66 -3.64 0.00
FULTON___LFGE 323630	125.95 4.41 0.00	115.56 4.00 0.00	115.57 3.91 0.00	79.33 2.65 0.00	103.18 3.51 0.00	84.19 2.97 0.00	133.41 5.11 0.00	154.45 6.42 0.00	119.17 4.21 0.00	122.23 3.64 0.00	111.55 3.34 0.00	105.64 2.82 0.00	103.18 2.45 0.00	87.56 2.37 0.00	97.43 3.39 0.00	145.21 5.67 0.00	135.61 5.75 0.00	136.68 6.07 0.00	112.62 4.70 0.00	118.98 4.90 0.00	109.39 4.34 0.00	98.93 3.90 0.00	110.47 4.09 0.00	113.30 4.00 0.00
G.F.CEMENT___DRP 24184	130.66 9.12 0.00	120.17 8.61 0.00	120.31 8.64 0.00	82.68 6.01 0.00	107.58 7.91 0.00	87.92 6.70 0.00	139.43 11.13 0.00	161.32 13.29 0.00	125.15 10.19 0.00	128.19 9.59 0.00	116.62 8.41 0.00	110.80 7.97 0.00	108.63 7.90 0.00	92.03 6.84 0.00	101.54 7.49 0.00	150.56 11.03 0.00	140.84 10.99 0.00	141.63 11.02 0.00	117.11 9.19 0.00	123.52 9.44 0.00	113.28 8.22 0.00	102.47 7.44 0.00	114.39 8.01 0.00	116.90 7.60 0.00
GARDENVILLE___LBMP 24039	115.94 -5.59 0.00	105.68 -5.88 0.00	106.32 -5.35 0.00	72.61 -4.07 0.00	94.40 -5.27 0.00	75.72 -5.50 0.00	118.52 -9.78 0.00	136.58 -11.44 0.00	106.29 -8.67 0.00	109.56 -9.04 0.00	100.12 -8.09 0.00	95.94 -6.89 0.00	94.49 -6.24 0.00	80.26 -4.93 0.00	87.49 -6.55 0.00	131.50 -8.03 0.00	121.57 -8.28 0.00	122.87 -7.75 0.00	98.81 -9.10 0.00	103.42 -10.65 0.00	95.83 -9.23 0.00	86.91 -8.12 0.00	97.70 -8.68 0.00	101.28 -8.02 0.00
GARDNVLA_35_KV_LD 355827	117.04 -4.49 0.00	106.57 -4.99 0.00	107.21 -4.45 0.00	73.18 -3.49 0.00	95.20 -4.47 0.00	76.46 -4.76 0.00	119.80 -8.50 0.00	138.11 -9.91 0.00	107.47 -7.50 0.00	110.75 -7.85 0.00	101.20 -7.01 0.00	97.03 -5.79 0.00	95.54 -5.18 0.00	81.15 -4.04 0.00	88.50 -5.54 0.00	132.97 -6.56 0.00	122.88 -6.97 0.00	124.35 -6.27 0.00	99.93 -7.99 0.00	104.62 -9.46 0.00	96.98 -8.08 0.00	87.85 -7.18 0.00	98.66 -7.72 0.00	102.23 -7.08 0.00
GELCKHM___115KV_LOAD 80723	118.82 -2.71 0.00	108.98 -2.58 0.00	109.20 -2.47 0.00	74.91 -1.77 0.00	97.48 -2.19 0.00	79.33 -1.90 0.00	125.49 -2.81 0.00	144.90 -3.13 0.00	112.55 -2.41 0.00	116.08 -2.51 0.00	105.94 -2.27 0.00	100.67 -2.15 0.00	98.60 -2.12 0.00	83.41 -1.78 0.00	91.97 -2.08 0.00	136.71 -2.83 0.00	127.21 -2.64 0.00	128.11 -2.50 0.00	105.54 -2.38 0.00	111.38 -2.70 0.00	102.46 -2.59 0.00	92.61 -2.42 0.00	103.74 -2.64 0.00	106.73 -2.57 0.00
GENERAL___MILLS 23808	116.57 -4.96 0.00	106.19 -5.38 0.00	106.82 -4.85 0.00	72.94 -3.74 0.00	94.85 -4.82 0.00	76.15 -5.08 0.00	119.22 -9.08 0.00	137.36 -10.67 0.00	106.88 -8.08 0.00	110.12 -8.47 0.00	100.65 -7.56 0.00	96.47 -6.35 0.00	95.03 -5.69 0.00	80.70 -4.48 0.00	88.02 -6.02 0.00	132.29 -7.24 0.00	122.24 -7.61 0.00	123.60 -7.01 0.00	99.35 -8.57 0.00	103.98 -10.10 0.00	96.41 -8.65 0.00	87.38 -7.66 0.00	98.20 -8.18 0.00	101.80 -7.50 0.00
GE_PLASTICS___DRP 24183	125.35 3.82 0.00	115.16 3.60 0.00	115.31 3.64 0.00	79.23 2.55 0.00	103.02 3.35 0.00	83.84 2.62 0.00	132.32 4.01 0.00	152.59 4.56 0.00	118.42 3.46 0.00	122.01 3.42 0.00	111.38 3.17 0.00	105.74 2.92 0.00	103.53 2.81 0.00	87.48 2.29 0.00	96.29 2.24 0.00	142.45 2.92 0.00	132.67 2.82 0.00	133.42 2.81 0.00	110.45 2.54 0.00	116.80 2.72 0.00	107.42 2.36 0.00	97.25 2.22 0.00	109.12 2.74 0.00	112.05 2.75 0.00
GILBOA___1 23756	124.26 2.73 0.00	114.77 3.10 -0.11	114.80 3.13 0.00	79.11 2.24 -0.19	102.60 2.93 0.00	83.25 1.90 -0.13	131.44 3.14 0.00	151.19 3.16 0.00	117.46 2.33 -0.17	121.42 2.82 0.00	110.89 2.68 0.00	105.19 2.37 0.00	102.95 2.22 0.00	86.93 1.74 0.00	95.99 1.80 -0.14	143.57 2.51 -1.53	133.68 2.27 -1.56	136.40 2.30 -3.48	110.52 2.27 -0.33	116.74 2.66 0.00	107.40 2.10 -0.24	97.40 1.77 -0.60	109.40 1.98 -1.04	111.87 1.98 -0.58
GILBOA___2 23757	124.26 2.73 0.00	114.77 3.10 -0.11	114.80 3.13 0.00	79.11 2.24 -0.19	102.60 2.93 0.00	83.25 1.90 -0.13	131.44 3.14 0.00	151.19 3.16 0.00	117.46 2.33 -0.17	121.42 2.82 0.00	110.89 2.68 0.00	105.19 2.37 0.00	102.95 2.22 0.00	86.93 1.74 0.00	95.99 1.80 -0.14	143.57 2.51 -1.53	133.68 2.27 -1.56	136.40 2.30 -3.48	110.52 2.27 -0.33	116.74 2.66 0.00	107.40 2.10 -0.24	97.40 1.77 -0.60	109.40 1.98 -1.04	111.87 1.98 -0.58
GILBOA___3 23758	124.26 2.73 0.00	114.77 3.10 -0.11	114.80 3.13 0.00	79.11 2.24 -0.19	102.60 2.93 0.00	83.25 1.90 -0.13	131.44 3.14 0.00	151.19 3.16 0.00	117.46 2.33 -0.17	121.42 2.82 0.00	110.89 2.68 0.00	105.19 2.37 0.00	102.95 2.22 0.00	86.93 1.74 0.00	95.99 1.80 -0.14	143.57 2.51 -1.53	133.68 2.27 -1.56	136.40 2.30 -3.48	110.52 2.27 -0.33	116.74 2.66 0.00	107.40 2.10 -0.24	97.40 1.77 -0.60	109.40 1.98 -1.04	111.87 1.98 -0.58
GILBOA___4 23759	124.26 2.73 0.00	114.77 3.10 -0.11	114.80 3.13 0.00	79.11 2.24 -0.19	102.60 2.93 0.00	83.25 1.90 -0.13	131.44 3.14 0.00	151.19 3.16 0.00	117.46 2.33 -0.17	121.42 2.82 0.00	110.89 2.68 0.00	105.19 2.37 0.00	102.95 2.22 0.00	86.93 1.74 0.00	95.99 1.80 -0.14	143.57 2.51 -1.53	133.68 2.27 -1.56	136.40 2.30 -3.48	110.52 2.27 -0.33	116.74 2.66 0.00	107.40 2.10 -0.24	97.40 1.77 -0.60	109.40 1.98 -1.04	111.87 1.98 -0.58

GILBOA____ 23599	124.26 2.72 0.00	114.66 3.10 0.00	114.80 3.13 0.00	78.92 2.24 0.00	102.60 2.93 0.00	83.12 1.90 0.00	131.44 3.14 0.00	151.19 3.17 0.00	117.27 2.31 0.00	121.42 2.82 0.00	110.89 2.68 0.00	105.19 2.37 0.00	102.95 2.22 0.00	86.93 1.74 0.00	95.86 1.81 0.00	142.04 2.51 0.00	132.12 2.27 0.00	132.93 2.32 0.00	110.19 2.27 0.00	116.75 2.67 0.00	107.16 2.11 0.00	96.80 1.77 0.00	108.37 1.99 0.00	111.28 1.97 0.00
GINNA____ 23603	113.04 -8.49 0.00	102.92 -8.12 0.52	103.83 -7.84 0.00	70.25 -5.57 0.85	92.61 -7.06 0.00	74.49 -6.15 0.59	118.50 -9.80 0.00	136.78 -11.25 0.00	105.64 -8.54 0.79	109.67 -8.93 0.00	100.16 -8.05 0.00	95.35 -7.47 0.00	93.47 -7.26 0.00	79.29 -5.90 0.00	86.36 -7.04 0.65	123.19 -9.40 6.94	113.75 -9.01 7.09	106.14 -8.68 15.80	97.89 -8.51 1.52	104.45 -9.63 0.00	95.17 -8.79 1.10	84.26 -8.01 2.76	92.62 -8.99 4.77	97.64 -9.00 2.67
GLEN PARK____ 23778	121.67 0.14 0.00	111.25 -0.31 0.00	112.07 0.41 0.00	75.99 -0.69 0.00	98.81 -0.86 0.00	80.80 -0.42 0.00	127.47 -0.83 0.00	148.13 0.10 0.00	115.15 0.19 0.00	118.79 0.20 0.00	108.18 -0.03 0.00	102.61 -0.21 0.00	100.19 -0.53 0.00	84.59 -0.60 0.00	94.10 0.05 0.00	140.06 0.52 0.00	130.08 0.22 0.00	132.10 1.48 0.00	109.00 1.09 0.00	115.41 1.33 0.00	106.93 1.87 0.00	97.66 2.63 0.00	109.57 3.20 0.00	110.57 1.27 0.00
GLENDALE_27_KV_LOAD 356172	126.52 4.99 0.00	115.55 3.99 0.00	115.74 4.07 0.00	79.82 3.14 0.00	103.65 3.98 0.00	85.16 3.94 0.00	135.36 7.06 0.00	156.92 8.89 0.00	121.90 6.94 0.00	125.92 7.33 0.00	114.58 6.37 0.00	108.43 5.60 0.00	105.91 5.18 0.00	89.27 4.08 0.00	98.56 4.52 0.00	145.98 6.45 0.00	136.97 7.12 0.00	138.17 7.56 0.00	114.48 6.56 0.00	121.01 6.93 0.00	110.55 5.49 0.00	99.47 4.44 0.00	111.14 4.76 0.00	113.66 4.35 0.00
GLENWOOD_IC_1_G5 23712	127.36 5.83 0.00	116.39 4.82 0.00	116.65 4.99 0.00	80.37 3.69 0.00	104.47 4.80 0.00	85.87 4.65 0.00	136.08 7.78 0.00	157.09 9.06 0.00	122.28 7.32 0.00	126.10 7.50 0.00	115.01 6.80 0.00	108.77 5.95 0.00	106.32 5.60 0.00	89.71 4.52 0.00	99.26 5.22 0.00	146.95 7.42 0.00	137.98 8.13 0.00	139.04 8.43 0.00	118.35 7.47 -2.97	122.35 8.02 -0.24	123.39 6.55 -11.79	124.02 5.33 -23.65	118.90 5.86 -6.66	114.86 5.55 0.00
GLENWOOD_IC_2_G1 23688	126.78 5.25 0.00	115.85 4.29 0.00	116.10 4.44 0.00	79.99 3.31 0.00	103.95 4.28 0.00	85.39 4.17 0.00	135.39 7.09 0.00	156.37 8.35 0.00	121.65 6.69 0.00	125.48 6.88 0.00	114.39 6.17 0.00	108.21 5.39 0.00	105.77 5.04 0.00	89.21 4.02 0.00	98.65 4.60 0.00	146.11 6.58 0.00	137.08 7.22 0.00	138.23 7.62 0.00	117.61 6.73 -2.97	121.57 7.25 -0.24	122.72 5.87 -11.79	123.40 4.72 -23.65	118.20 5.16 -6.66	114.21 4.91 0.00
GLENWOOD_IC_3_G1 23689	126.78 5.25 0.00	115.85 4.29 0.00	116.10 4.44 0.00	79.99 3.31 0.00	103.95 4.28 0.00	85.39 4.17 0.00	135.39 7.09 0.00	156.37 8.35 0.00	121.65 6.69 0.00	125.48 6.88 0.00	114.39 6.17 0.00	108.21 5.39 0.00	105.77 5.04 0.00	89.21 4.02 0.00	98.65 4.60 0.00	146.11 6.58 0.00	137.08 7.22 0.00	138.23 7.62 0.00	117.61 6.73 -2.97	121.57 7.25 -0.24	122.72 5.87 -11.79	123.40 4.72 -23.65	118.20 5.16 -6.66	114.21 4.91 0.00
GLENWOOD____4 23550	127.36 5.83 0.00	116.39 4.82 0.00	116.65 4.99 0.00	80.37 3.69 0.00	104.47 4.80 0.00	85.87 4.65 0.00	136.08 7.78 0.00	157.09 9.06 0.00	122.28 7.32 0.00	126.10 7.50 0.00	115.01 6.80 0.00	108.77 5.95 0.00	106.32 5.60 0.00	89.71 4.52 0.00	99.26 5.22 0.00	146.95 7.42 0.00	137.98 8.13 0.00	139.04 8.43 0.00	118.35 7.47 -2.97	122.35 8.02 -0.24	123.39 6.55 -11.79	124.02 5.33 -23.65	118.90 5.86 -6.66	114.86 5.55 0.00
GLENWOOD____5 23614	127.36 5.83 0.00	116.39 4.82 0.00	116.65 4.99 0.00	80.37 3.69 0.00	104.47 4.80 0.00	85.87 4.65 0.00	136.08 7.78 0.00	157.09 9.06 0.00	122.28 7.32 0.00	126.10 7.50 0.00	115.01 6.80 0.00	108.77 5.95 0.00	106.32 5.60 0.00	89.71 4.52 0.00	99.26 5.22 0.00	146.95 7.42 0.00	137.98 8.13 0.00	139.04 8.43 0.00	118.35 7.47 -2.97	122.35 8.02 -0.24	123.39 6.55 -11.79	124.02 5.33 -23.65	118.90 5.86 -6.66	114.86 5.55 0.00
GLOBAL GREEN_PORT_GT1 23814	129.05 7.51 0.00	117.69 6.12 0.00	118.35 6.68 0.00	81.64 4.96 0.00	106.24 6.57 0.00	87.87 6.64 0.00	165.16 11.05 -25.81	186.91 11.86 -27.02	135.15 9.47 -10.73	127.22 8.44 -0.18	114.99 6.78 0.00	108.33 5.51 0.00	105.97 5.24 0.00	89.65 4.47 0.00	100.14 6.10 0.00	151.40 8.99 -2.88	142.16 10.25 -2.06	143.35 10.20 -2.54	119.96 9.07 -2.97	124.01 9.68 -0.24	125.45 8.60 -11.79	160.94 7.32 -58.59	159.87 8.65 -44.84	117.40 8.10 0.00
GLOBE____DSASP 323697	113.35 -8.19 0.00	103.40 -8.16 0.00	104.11 -7.55 0.00	71.10 -5.58 0.00	92.45 -7.21 0.00	73.98 -7.24 0.00	115.16 -13.15 0.00	131.69 -16.34 0.00	102.73 -12.23 0.00	105.90 -12.69 0.00	96.92 -11.29 0.00	93.13 -9.69 0.00	91.68 -9.04 0.00	77.90 -7.29 0.00	84.90 -9.14 0.00	127.89 -11.64 0.00	118.09 -11.76 0.00	119.44 -11.18 0.00	95.29 -12.62 0.00	99.36 -14.71 0.00	92.41 -12.65 0.00	84.18 -10.85 0.00	95.06 -11.32 0.00	98.67 -10.63 0.00
GOETHSLN____LBMP 323567	125.53 4.00 0.00	114.60 3.04 0.00	114.77 3.10 0.00	79.12 2.44 0.00	102.81 3.14 0.00	84.41 3.19 0.00	134.15 5.85 0.00	155.42 7.39 0.00	120.69 5.73 0.00	124.67 6.07 0.00	113.43 5.22 0.00	107.39 4.57 0.00	104.92 4.19 0.00	88.38 3.19 0.00	97.57 3.53 0.00	144.60 5.07 0.00	135.67 5.82 0.00	136.92 6.30 0.00	113.46 5.55 0.00	120.11 6.03 0.00	109.72 4.67 0.00	98.63 3.60 0.00	110.29 3.91 0.00	112.87 3.57 0.00
GOLAH____69_KV_TB 1_2 80279	118.69 -2.85 0.00	108.52 -3.04 0.00	108.98 -2.69 0.00	74.61 -2.07 0.00	97.16 -2.51 0.00	78.47 -2.75 0.00	123.59 -4.71 0.00	142.69 -5.34 0.00	110.97 -3.99 0.00	114.22 -4.38 0.00	104.24 -3.97 0.00	99.11 -3.71 0.00	97.08 -3.65 0.00	82.44 -2.75 0.00	90.17 -3.88 0.00	135.48 -4.06 0.00	126.01 -3.85 0.00	127.44 -3.18 0.00	103.49 -4.42 0.00	108.51 -5.57 0.00	99.82 -5.24 0.00	90.27 -4.76 0.00	101.17 -5.21 0.00	104.46 -4.84 0.00
GOODYEAR_LAKE_HYD 323669	123.76 2.23 0.00	113.59 2.03 0.00	113.77 2.10 0.00	78.13 1.46 0.00	101.65 1.98 0.00	82.75 1.53 0.00	131.21 2.92 0.00	151.63 3.60 0.00	117.65 2.69 0.00	121.53 2.93 0.00	111.09 2.88 0.00	105.41 2.59 0.00	103.18 2.46 0.00	87.12 1.93 0.00	96.12 2.08 0.00	142.93 3.40 0.00	133.27 3.42 0.00	134.34 3.72 0.00	110.89 2.98 0.00	117.27 3.18 0.00	107.68 2.62 0.00	97.20 2.17 0.00	108.64 2.26 0.00	111.49 2.19 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	120.74 -0.80 0.00	110.77 -0.79 0.00	111.07 -0.60 0.00	76.16 -0.52 0.00	99.16 -0.51 0.00	80.52 -0.70 0.00	127.43 -0.88 0.00	147.14 -0.89 0.00	114.16 -0.80 0.00	117.66 -0.94 0.00	107.50 -0.71 0.00	102.08 -0.74 0.00	100.06 -0.66 0.00	84.62 -0.57 0.00	93.13 -0.91 0.00	138.67 -0.86 0.00	129.11 -0.74 0.00	130.01 -0.60 0.00	107.24 -0.68 0.00	113.23 -0.84 0.00	104.08 -0.98 0.00	93.94 -1.09 0.00	105.13 -1.25 0.00	108.19 -1.12 0.00

GOUDEY___7 23579	120.74 -0.80 0.00	110.77 -0.79 0.00	111.07 -0.60 0.00	76.16 -0.52 0.00	99.16 -0.51 0.00	80.52 -0.70 0.00	127.43 -0.88 0.00	147.14 -0.89 0.00	114.16 -0.80 0.00	117.66 -0.94 0.00	107.50 -0.71 0.00	102.08 -0.74 0.00	100.06 -0.66 0.00	84.62 -0.57 0.00	93.13 -0.91 0.00	138.67 -0.86 0.00	129.11 -0.74 0.00	130.01 -0.60 0.00	107.24 -0.68 0.00	113.23 -0.84 0.00	104.08 -0.98 0.00	93.94 -1.09 0.00	105.13 -1.25 0.00	108.19 -1.12 0.00
GOUDEY___8 23580	120.74 -0.80 0.00	110.77 -0.79 0.00	111.07 -0.60 0.00	76.16 -0.52 0.00	99.16 -0.51 0.00	80.52 -0.70 0.00	127.43 -0.88 0.00	147.14 -0.89 0.00	114.16 -0.80 0.00	117.66 -0.94 0.00	107.50 -0.71 0.00	102.08 -0.74 0.00	100.06 -0.66 0.00	84.62 -0.57 0.00	93.13 -0.91 0.00	138.67 -0.86 0.00	129.11 -0.74 0.00	130.01 -0.60 0.00	107.24 -0.68 0.00	113.23 -0.84 0.00	104.08 -0.98 0.00	93.94 -1.09 0.00	105.13 -1.25 0.00	108.19 -1.12 0.00
GOWANUS_GT1_1 24077	125.94 4.40 0.00	115.03 3.47 0.00	115.24 3.58 0.00	79.53 2.85 0.00	103.17 3.50 0.00	84.80 3.58 0.00	134.73 6.43 0.00	156.05 8.02 0.00	121.23 6.27 0.00	125.18 6.59 0.00	113.90 5.69 0.00	107.73 4.91 0.00	105.24 4.51 0.00	88.63 3.45 0.00	97.89 3.84 0.00	145.00 5.47 0.00	136.14 6.29 0.00	137.43 6.81 0.00	113.86 5.95 0.00	120.38 6.30 0.00	109.95 4.89 0.00	98.90 3.88 0.00	110.54 4.16 0.00	113.11 3.81 0.00
GOWANUS_GT1_2 24078	125.94 4.40 0.00	115.03 3.47 0.00	115.24 3.58 0.00	79.53 2.85 0.00	103.17 3.50 0.00	84.80 3.58 0.00	134.73 6.43 0.00	156.05 8.02 0.00	121.23 6.27 0.00	125.18 6.59 0.00	113.90 5.69 0.00	107.73 4.91 0.00	105.24 4.51 0.00	88.63 3.45 0.00	97.89 3.84 0.00	145.00 5.47 0.00	136.14 6.29 0.00	137.43 6.81 0.00	113.86 5.95 0.00	120.38 6.30 0.00	109.95 4.89 0.00	98.90 3.88 0.00	110.54 4.16 0.00	113.11 3.81 0.00
GOWANUS_GT1_3 24079	125.94 4.40 0.00	115.03 3.47 0.00	115.24 3.58 0.00	79.53 2.85 0.00	103.17 3.50 0.00	84.80 3.58 0.00	134.73 6.43 0.00	156.05 8.02 0.00	121.23 6.27 0.00	125.18 6.59 0.00	113.90 5.69 0.00	107.73 4.91 0.00	105.24 4.51 0.00	88.63 3.45 0.00	97.89 3.84 0.00	145.00 5.47 0.00	136.14 6.29 0.00	137.43 6.81 0.00	113.86 5.95 0.00	120.38 6.30 0.00	109.95 4.89 0.00	98.90 3.88 0.00	110.54 4.16 0.00	113.11 3.81 0.00
GOWANUS_GT1_4 24080	125.94 4.40 0.00	115.03 3.47 0.00	115.24 3.58 0.00	79.53 2.85 0.00	103.17 3.50 0.00	84.80 3.58 0.00	134.73 6.43 0.00	156.05 8.02 0.00	121.23 6.27 0.00	125.18 6.59 0.00	113.90 5.69 0.00	107.73 4.91 0.00	105.24 4.51 0.00	88.63 3.45 0.00	97.89 3.84 0.00	145.00 5.47 0.00	136.14 6.29 0.00	137.43 6.81 0.00	113.86 5.95 0.00	120.38 6.30 0.00	109.95 4.89 0.00	98.90 3.88 0.00	110.54 4.16 0.00	113.11 3.81 0.00
GOWANUS_GT1_5 24084	125.94 4.40 0.00	115.03 3.47 0.00	115.24 3.58 0.00	79.53 2.85 0.00	103.17 3.50 0.00	84.80 3.58 0.00	134.73 6.43 0.00	156.05 8.02 0.00	121.23 6.27 0.00	125.18 6.59 0.00	113.90 5.69 0.00	107.73 4.91 0.00	105.24 4.51 0.00	88.63 3.45 0.00	97.89 3.84 0.00	145.00 5.47 0.00	136.14 6.29 0.00	137.43 6.81 0.00	113.86 5.95 0.00	120.38 6.30 0.00	109.95 4.89 0.00	98.90 3.88 0.00	110.54 4.16 0.00	113.11 3.81 0.00
GOWANUS_GT1_6 24111	125.94 4.40 0.00	115.03 3.47 0.00	115.24 3.58 0.00	79.53 2.85 0.00	103.17 3.50 0.00	84.80 3.58 0.00	134.73 6.43 0.00	156.05 8.02 0.00	121.23 6.27 0.00	125.18 6.59 0.00	113.90 5.69 0.00	107.73 4.91 0.00	105.24 4.51 0.00	88.63 3.45 0.00	97.89 3.84 0.00	145.00 5.47 0.00	136.14 6.29 0.00	137.43 6.81 0.00	113.86 5.95 0.00	120.38 6.30 0.00	109.95 4.89 0.00	98.90 3.88 0.00	110.54 4.16 0.00	113.11 3.81 0.00
GOWANUS_GT1_7 24112	125.94 4.40 0.00	115.03 3.47 0.00	115.24 3.58 0.00	79.53 2.85 0.00	103.17 3.50 0.00	84.80 3.58 0.00	134.73 6.43 0.00	156.05 8.02 0.00	121.23 6.27 0.00	125.18 6.59 0.00	113.90 5.69 0.00	107.73 4.91 0.00	105.24 4.51 0.00	88.63 3.45 0.00	97.89 3.84 0.00	145.00 5.47 0.00	136.14 6.29 0.00	137.43 6.81 0.00	113.86 5.95 0.00	120.38 6.30 0.00	109.95 4.89 0.00	98.90 3.88 0.00	110.54 4.16 0.00	113.11 3.81 0.00
GOWANUS_GT1_8 24113	125.94 4.40 0.00	115.03 3.47 0.00	115.24 3.58 0.00	79.53 2.85 0.00	103.17 3.50 0.00	84.80 3.58 0.00	134.73 6.43 0.00	156.05 8.02 0.00	121.23 6.27 0.00	125.18 6.59 0.00	113.90 5.69 0.00	107.73 4.91 0.00	105.24 4.51 0.00	88.63 3.45 0.00	97.89 3.84 0.00	145.00 5.47 0.00	136.14 6.29 0.00	137.43 6.81 0.00	113.86 5.95 0.00	120.38 6.30 0.00	109.95 4.89 0.00	98.90 3.88 0.00	110.54 4.16 0.00	113.11 3.81 0.00
GOWANUS_GT2_1 24114	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00
GOWANUS_GT2_2 24115	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00
GOWANUS_GT2_3 24116	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00
GOWANUS_GT2_4 24117	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00
GOWANUS_GT2_5 24118	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00

GOWANUS_GT2_6 24119	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00
GOWANUS_GT2_7 24120	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00
GOWANUS_GT2_8 24121	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00
GOWANUS_GT3_1 24122	125.94 4.41 0.00	115.01 3.45 0.00	115.23 3.57 0.00	79.53 2.85 0.00	103.18 3.51 0.00	84.80 3.57 0.00	134.73 6.43 0.00	156.06 8.03 0.00	121.24 6.28 0.00	125.18 6.59 0.00	113.89 5.67 0.00	107.73 4.91 0.00	105.24 4.51 0.00	88.64 3.45 0.00	97.87 3.83 0.00	145.01 5.48 0.00	136.10 6.24 0.00	137.39 6.77 0.00	113.85 5.94 0.00	120.35 6.27 0.00	109.93 4.88 0.00	98.90 3.88 0.00	110.54 4.16 0.00	113.10 3.80 0.00
GOWANUS_GT3_2 24123	125.94 4.41 0.00	115.01 3.45 0.00	115.23 3.57 0.00	79.53 2.85 0.00	103.18 3.51 0.00	84.80 3.57 0.00	134.73 6.43 0.00	156.06 8.03 0.00	121.24 6.28 0.00	125.18 6.59 0.00	113.89 5.67 0.00	107.73 4.91 0.00	105.24 4.51 0.00	88.64 3.45 0.00	97.87 3.83 0.00	145.01 5.48 0.00	136.10 6.24 0.00	137.39 6.77 0.00	113.85 5.94 0.00	120.35 6.27 0.00	109.93 4.88 0.00	98.90 3.88 0.00	110.54 4.16 0.00	113.10 3.80 0.00
GOWANUS_GT3_3 24124	125.94 4.41 0.00	115.01 3.45 0.00	115.23 3.57 0.00	79.53 2.85 0.00	103.18 3.51 0.00	84.80 3.57 0.00	134.73 6.43 0.00	156.06 8.03 0.00	121.24 6.28 0.00	125.18 6.59 0.00	113.89 5.67 0.00	107.73 4.91 0.00	105.24 4.51 0.00	88.64 3.45 0.00	97.87 3.83 0.00	145.01 5.48 0.00	136.10 6.24 0.00	137.39 6.77 0.00	113.85 5.94 0.00	120.35 6.27 0.00	109.93 4.88 0.00	98.90 3.88 0.00	110.54 4.16 0.00	113.10 3.80 0.00
GOWANUS_GT3_4 24125	125.94 4.41 0.00	115.01 3.45 0.00	115.23 3.57 0.00	79.53 2.85 0.00	103.18 3.51 0.00	84.80 3.57 0.00	134.73 6.43 0.00	156.06 8.03 0.00	121.24 6.28 0.00	125.18 6.59 0.00	113.89 5.67 0.00	107.73 4.91 0.00	105.24 4.51 0.00	88.64 3.45 0.00	97.87 3.83 0.00	145.01 5.48 0.00	136.10 6.24 0.00	137.39 6.77 0.00	113.85 5.94 0.00	120.35 6.27 0.00	109.93 4.88 0.00	98.90 3.88 0.00	110.54 4.16 0.00	113.10 3.80 0.00
GOWANUS_GT3_5 24126	125.94 4.41 0.00	115.01 3.45 0.00	115.23 3.57 0.00	79.53 2.85 0.00	103.18 3.51 0.00	84.80 3.57 0.00	134.73 6.43 0.00	156.06 8.03 0.00	121.24 6.28 0.00	125.18 6.59 0.00	113.89 5.67 0.00	107.73 4.91 0.00	105.24 4.51 0.00	88.64 3.45 0.00	97.87 3.83 0.00	145.01 5.48 0.00	136.10 6.24 0.00	137.39 6.77 0.00	113.85 5.94 0.00	120.35 6.27 0.00	109.93 4.88 0.00	98.90 3.88 0.00	110.54 4.16 0.00	113.10 3.80 0.00
GOWANUS_GT3_6 24127	125.94 4.41 0.00	115.01 3.45 0.00	115.23 3.57 0.00	79.53 2.85 0.00	103.18 3.51 0.00	84.80 3.57 0.00	134.73 6.43 0.00	156.06 8.03 0.00	121.24 6.28 0.00	125.18 6.59 0.00	113.89 5.67 0.00	107.73 4.91 0.00	105.24 4.51 0.00	88.64 3.45 0.00	97.87 3.83 0.00	145.01 5.48 0.00	136.10 6.24 0.00	137.39 6.77 0.00	113.85 5.94 0.00	120.35 6.27 0.00	109.93 4.88 0.00	98.90 3.88 0.00	110.54 4.16 0.00	113.10 3.80 0.00
GOWANUS_GT3_7 24128	125.94 4.41 0.00	115.01 3.45 0.00	115.23 3.57 0.00	79.53 2.85 0.00	103.18 3.51 0.00	84.80 3.57 0.00	134.73 6.43 0.00	156.06 8.03 0.00	121.24 6.28 0.00	125.18 6.59 0.00	113.89 5.67 0.00	107.73 4.91 0.00	105.24 4.51 0.00	88.64 3.45 0.00	97.87 3.83 0.00	145.01 5.48 0.00	136.10 6.24 0.00	137.39 6.77 0.00	113.85 5.94 0.00	120.35 6.27 0.00	109.93 4.88 0.00	98.90 3.88 0.00	110.54 4.16 0.00	113.10 3.80 0.00
GOWANUS_GT3_8 24129	125.94 4.41 0.00	115.01 3.45 0.00	115.23 3.57 0.00	79.53 2.85 0.00	103.18 3.51 0.00	84.80 3.57 0.00	134.73 6.43 0.00	156.06 8.03 0.00	121.24 6.28 0.00	125.18 6.59 0.00	113.89 5.67 0.00	107.73 4.91 0.00	105.24 4.51 0.00	88.64 3.45 0.00	97.87 3.83 0.00	145.01 5.48 0.00	136.10 6.24 0.00	137.39 6.77 0.00	113.85 5.94 0.00	120.35 6.27 0.00	109.93 4.88 0.00	98.90 3.88 0.00	110.54 4.16 0.00	113.10 3.80 0.00
GOWANUS_GT4_1 24130	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.56 2.89 0.00	103.23 3.56 0.00	84.83 3.61 0.00	134.79 6.49 0.00	156.17 8.14 0.00	121.29 6.33 0.00	125.27 6.68 0.00	113.95 5.73 0.00	107.81 4.99 0.00	105.30 4.57 0.00	88.69 3.50 0.00	97.95 3.90 0.00	145.08 5.55 0.00	136.22 6.37 0.00	137.50 6.88 0.00	113.91 6.00 0.00	120.43 6.35 0.00	110.01 4.96 0.00	98.95 3.92 0.00	110.62 4.24 0.00	113.16 3.86 0.00
GOWANUS_GT4_2 24131	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.56 2.89 0.00	103.23 3.56 0.00	84.83 3.61 0.00	134.79 6.49 0.00	156.17 8.14 0.00	121.29 6.33 0.00	125.27 6.68 0.00	113.95 5.73 0.00	107.81 4.99 0.00	105.30 4.57 0.00	88.69 3.50 0.00	97.95 3.90 0.00	145.08 5.55 0.00	136.22 6.37 0.00	137.50 6.88 0.00	113.91 6.00 0.00	120.43 6.35 0.00	110.01 4.96 0.00	98.95 3.92 0.00	110.62 4.24 0.00	113.16 3.86 0.00
GOWANUS_GT4_3 24132	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.56 2.89 0.00	103.23 3.56 0.00	84.83 3.61 0.00	134.79 6.49 0.00	156.17 8.14 0.00	121.29 6.33 0.00	125.27 6.68 0.00	113.95 5.73 0.00	107.81 4.99 0.00	105.30 4.57 0.00	88.69 3.50 0.00	97.95 3.90 0.00	145.08 5.55 0.00	136.22 6.37 0.00	137.50 6.88 0.00	113.91 6.00 0.00	120.43 6.35 0.00	110.01 4.96 0.00	98.95 3.92 0.00	110.62 4.24 0.00	113.16 3.86 0.00
GOWANUS_GT4_4 24133	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.56 2.89 0.00	103.23 3.56 0.00	84.83 3.61 0.00	134.79 6.49 0.00	156.17 8.14 0.00	121.29 6.33 0.00	125.27 6.68 0.00	113.95 5.73 0.00	107.81 4.99 0.00	105.30 4.57 0.00	88.69 3.50 0.00	97.95 3.90 0.00	145.08 5.55 0.00	136.22 6.37 0.00	137.50 6.88 0.00	113.91 6.00 0.00	120.43 6.35 0.00	110.01 4.96 0.00	98.95 3.92 0.00	110.62 4.24 0.00	113.16 3.86 0.00

GOWANUS_GT4_5 24134	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.56 2.89 0.00	103.23 3.56 0.00	84.83 3.61 0.00	134.79 6.49 0.00	156.17 8.14 0.00	121.29 6.33 0.00	125.27 6.68 0.00	113.95 5.73 0.00	107.81 4.99 0.00	105.30 4.57 0.00	88.69 3.50 0.00	97.95 3.90 0.00	145.08 5.55 0.00	136.22 6.37 0.00	137.50 6.88 0.00	113.91 6.00 0.00	120.43 6.35 0.00	110.01 4.96 0.00	98.95 3.92 0.00	110.62 4.24 0.00	113.16 3.86 0.00
GOWANUS_GT4_6 24135	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.56 2.89 0.00	103.23 3.56 0.00	84.83 3.61 0.00	134.79 6.49 0.00	156.17 8.14 0.00	121.29 6.33 0.00	125.27 6.68 0.00	113.95 5.73 0.00	107.81 4.99 0.00	105.30 4.57 0.00	88.69 3.50 0.00	97.95 3.90 0.00	145.08 5.55 0.00	136.22 6.37 0.00	137.50 6.88 0.00	113.91 6.00 0.00	120.43 6.35 0.00	110.01 4.96 0.00	98.95 3.92 0.00	110.62 4.24 0.00	113.16 3.86 0.00
GOWANUS_GT4_7 24136	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.56 2.89 0.00	103.23 3.56 0.00	84.83 3.61 0.00	134.79 6.49 0.00	156.17 8.14 0.00	121.29 6.33 0.00	125.27 6.68 0.00	113.95 5.73 0.00	107.81 4.99 0.00	105.30 4.57 0.00	88.69 3.50 0.00	97.95 3.90 0.00	145.08 5.55 0.00	136.22 6.37 0.00	137.50 6.88 0.00	113.91 6.00 0.00	120.43 6.35 0.00	110.01 4.96 0.00	98.95 3.92 0.00	110.62 4.24 0.00	113.16 3.86 0.00
GOWANUS_GT4_8 24137	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.56 2.89 0.00	103.23 3.56 0.00	84.83 3.61 0.00	134.79 6.49 0.00	156.17 8.14 0.00	121.29 6.33 0.00	125.27 6.68 0.00	113.95 5.73 0.00	107.81 4.99 0.00	105.30 4.57 0.00	88.69 3.50 0.00	97.95 3.90 0.00	145.08 5.55 0.00	136.22 6.37 0.00	137.50 6.88 0.00	113.91 6.00 0.00	120.43 6.35 0.00	110.01 4.96 0.00	98.95 3.92 0.00	110.62 4.24 0.00	113.16 3.86 0.00
GREATVR_69_KV_BK1 356245	130.25 8.72 0.00	118.90 7.34 0.00	119.50 7.83 0.00	82.36 5.68 0.00	107.10 7.44 0.00	88.32 7.10 0.00	151.09 11.07 -11.72	174.35 12.58 -13.74	130.04 10.09 -5.00	128.62 9.89 -0.13	116.85 8.64 0.00	110.24 7.42 0.00	107.76 7.04 0.00	91.11 5.92 0.00	101.37 7.32 0.00	152.47 10.80 -2.14	143.16 11.78 -1.53	144.49 11.99 -1.89	121.40 10.52 -2.97	125.56 11.23 -0.24	126.41 9.57 -11.79	142.26 8.01 -39.22	139.24 9.18 -23.67	118.23 8.93 0.00
GREENBSH_115KV_TB3 55895	125.83 4.29 0.00	115.59 4.03 0.00	115.69 4.03 0.00	79.51 2.84 0.00	103.41 3.74 0.00	84.16 2.94 0.00	132.70 4.40 0.00	153.10 5.07 0.00	118.82 3.86 0.00	122.43 3.84 0.00	111.81 3.60 0.00	106.15 3.32 0.00	103.95 3.22 0.00	87.78 2.59 0.00	96.49 2.44 0.00	142.53 3.00 0.00	132.74 2.90 0.00	133.45 2.84 0.00	110.50 2.58 0.00	116.83 2.75 0.00	107.51 2.45 0.00	97.39 2.36 0.00	109.45 3.07 0.00	112.35 3.05 0.00
GREENDGE_115KV_TB5 80291	114.60 -6.93 0.00	105.21 -6.35 0.00	105.82 -5.85 0.00	72.45 -4.23 0.00	94.21 -5.46 0.00	76.37 -4.85 0.00	120.99 -7.31 0.00	140.03 -8.00 0.00	108.49 -6.47 0.00	111.20 -7.39 0.00	101.23 -6.98 0.00	96.09 -6.73 0.00	93.30 -7.42 0.00	78.90 -6.29 0.00	87.50 -6.54 0.00	131.97 -7.57 0.00	123.47 -6.38 0.00	124.95 -5.66 0.00	102.55 -5.36 0.00	108.00 -6.08 0.00	99.22 -5.84 0.00	89.40 -5.63 0.00	99.85 -6.53 0.00	103.07 -6.23 0.00
GREENIDGE___3 23582	114.60 -6.93 0.00	105.21 -6.35 0.00	105.82 -5.85 0.00	72.45 -4.23 0.00	94.21 -5.46 0.00	76.37 -4.85 0.00	120.99 -7.31 0.00	140.03 -8.00 0.00	108.49 -6.47 0.00	111.20 -7.39 0.00	101.23 -6.98 0.00	96.09 -6.73 0.00	93.30 -7.42 0.00	78.90 -6.29 0.00	87.50 -6.54 0.00	131.97 -7.57 0.00	123.47 -6.38 0.00	124.95 -5.66 0.00	102.55 -5.36 0.00	108.00 -6.08 0.00	99.22 -5.84 0.00	89.40 -5.63 0.00	99.85 -6.53 0.00	103.07 -6.23 0.00
GREENIDGE___4 23583	114.60 -6.93 0.00	105.89 -6.35 -0.67	105.83 -5.84 0.00	73.57 -4.22 -1.12	94.22 -5.44 0.00	77.14 -4.85 -0.77	121.00 -7.29 0.00	140.03 -8.00 0.00	109.56 -6.43 -1.03	111.20 -7.39 0.00	101.22 -6.99 0.00	96.10 -6.73 0.00	93.31 -7.42 0.00	78.90 -6.29 0.00	88.33 -6.56 -0.85	139.64 -7.57 -7.68	131.32 -6.37 -7.84	142.38 -5.71 -17.47	104.21 -5.38 -1.68	108.00 -6.07 0.00	100.43 -5.84 -1.21	92.44 -5.64 -3.06	105.12 -6.52 -5.27	106.03 -6.22 -2.95
GREENLWN_69_KV_BK 3 55738	127.78 6.25 0.00	116.81 5.25 0.00	117.45 5.78 0.00	80.98 4.31 0.00	105.27 5.60 0.00	86.74 5.52 0.00	133.65 8.53 3.18	149.84 9.04 7.23	120.88 7.57 1.66	125.87 7.43 0.16	114.98 6.76 0.00	108.63 5.81 0.00	106.20 5.48 0.00	89.77 4.58 0.00	99.68 5.64 0.00	144.57 7.56 2.52	136.49 8.43 1.80	136.89 8.50 2.22	118.93 8.05 -2.97	123.06 8.74 -0.24	124.07 7.23 -11.79	120.44 5.98 -19.42	115.58 7.16 -2.04	116.09 6.79 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.56 2.89 0.00	103.23 3.56 0.00	84.83 3.61 0.00	134.79 6.49 0.00	156.17 8.14 0.00	121.29 6.33 0.00	125.27 6.68 0.00	113.95 5.73 0.00	107.81 4.99 0.00	105.30 4.57 0.00	88.69 3.50 0.00	97.95 3.90 0.00	145.08 5.55 0.00	136.22 6.37 0.00	137.50 6.88 0.00	113.91 6.00 0.00	120.43 6.35 0.00	110.01 4.96 0.00	98.95 3.92 0.00	110.62 4.24 0.00	113.16 3.86 0.00
GRISSOM___SOLAR 323813	126.65 5.12 0.00	116.21 4.65 0.00	116.23 4.56 0.00	79.78 3.10 0.00	103.78 4.11 0.00	84.65 3.43 0.00	134.14 5.84 0.00	155.22 7.19 0.00	119.80 4.84 0.00	122.84 4.25 0.00	111.98 3.77 0.00	105.97 3.14 0.00	103.43 2.70 0.00	87.81 2.62 0.00	97.82 3.78 0.00	145.78 6.24 0.00	136.13 6.27 0.00	137.19 6.57 0.00	113.04 5.13 0.00	119.46 5.38 0.00	109.82 4.77 0.00	99.28 4.25 0.00	110.88 4.50 0.00	113.71 4.41 0.00
GROVEVILLE___HYD 323602	127.55 6.01 0.00	116.63 5.07 0.00	116.78 5.11 0.00	80.41 3.73 0.00	104.55 4.88 0.00	85.62 4.39 0.00	135.93 7.63 0.00	157.17 9.14 0.00	121.98 7.02 0.00	125.80 7.21 0.00	114.53 6.32 0.00	108.44 5.61 0.00	105.91 5.18 0.00	89.35 4.16 0.00	98.71 4.67 0.00	146.50 6.97 0.00	137.30 7.46 0.00	138.58 7.96 0.00	114.79 6.87 0.00	121.50 7.42 0.00	111.13 6.07 0.00	99.95 4.91 0.00	111.66 5.28 0.00	114.37 5.07 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	119.57 -1.96 0.00	109.68 -1.88 0.00	109.87 -1.80 0.00	75.37 -1.31 0.00	98.10 -1.57 0.00	79.84 -1.38 0.00	126.46 -1.85 0.00	146.01 -2.01 0.00	113.37 -1.60 0.00	116.90 -1.69 0.00	106.69 -1.53 0.00	101.37 -1.45 0.00	99.26 -1.46 0.00	83.94 -1.25 0.00	92.61 -1.43 0.00	137.60 -1.94 0.00	128.13 -1.72 0.00	128.97 -1.64 0.00	106.34 -1.58 0.00	112.25 -1.83 0.00	103.13 -1.93 0.00	93.22 -1.81 0.00	104.44 -1.94 0.00	107.41 -1.90 0.00
HAMLTNNY_34_KV_TB 80303	119.83 -1.71 0.00	109.90 -1.66 0.00	110.09 -1.58 0.00	75.48 -1.20 0.00	98.27 -1.39 0.00	79.92 -1.30 0.00	126.62 -1.68 0.00	146.22 -1.81 0.00	113.56 -1.41 0.00	116.97 -1.63 0.00	106.77 -1.44 0.00	101.48 -1.35 0.00	99.35 -1.37 0.00	84.02 -1.17 0.00	92.64 -1.41 0.00	137.77 -1.77 0.00	128.39 -1.46 0.00	129.30 -1.32 0.00	106.48 -1.43 0.00	112.31 -1.77 0.00	103.14 -1.92 0.00	93.24 -1.79 0.00	104.44 -1.94 0.00	107.44 -1.87 0.00

HAMPSHIRE___PAPER_HYD 323593	121.98 0.44 0.00	112.04 0.48 0.00	112.51 0.84 0.00	76.63 -0.05 0.00	99.10 -0.57 0.00	81.03 -0.19 0.00	126.74 -1.56 0.00	146.65 -1.38 0.00	114.06 -0.90 0.00	117.80 -0.79 0.00	107.67 -0.54 0.00	102.46 -0.36 0.00	100.37 -0.36 0.00	84.78 -0.41 0.00	93.75 -0.30 0.00	138.76 -0.78 0.00	127.99 -1.86 0.00	129.31 -1.30 0.00	106.82 -1.10 0.00	112.73 -1.35 0.00	104.81 -0.24 0.00	95.69 0.66 0.00	107.87 1.49 0.00	109.97 0.67 0.00
HARDSCRABBLE_WT_PWR 323673	127.55 6.01 0.00	116.89 5.33 0.00	116.78 5.11 0.00	80.37 3.69 0.00	104.53 4.86 0.00	85.53 4.30 0.00	135.49 7.19 0.00	156.79 8.76 0.00	120.99 6.03 0.00	123.50 4.91 0.00	112.64 4.43 0.00	106.77 3.95 0.00	104.32 3.60 0.00	88.45 3.26 0.00	98.08 4.04 0.00	146.11 6.57 0.00	136.52 6.67 0.00	137.49 6.88 0.00	113.75 5.83 0.00	120.39 6.31 0.00	110.51 5.46 0.00	100.03 5.00 0.00	111.83 5.44 0.00	114.67 5.36 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	125.91 4.38 0.00	115.09 3.53 0.00	115.27 3.60 0.00	79.34 2.66 0.00	103.18 3.51 0.00	84.51 3.29 0.00	134.25 5.95 0.00	155.28 7.25 0.00	120.46 5.50 0.00	124.29 5.69 0.00	113.22 5.00 0.00	107.13 4.31 0.00	104.71 3.99 0.00	88.30 3.11 0.00	97.56 3.52 0.00	144.77 5.24 0.00	135.73 5.88 0.00	136.91 6.29 0.00	113.43 5.52 0.00	120.12 6.04 0.00	109.86 4.81 0.00	98.81 3.78 0.00	110.41 4.03 0.00	113.12 3.81 0.00
HARSNRAD_115KV_TB1 81005	113.81 -7.72 0.00	103.86 -7.70 0.00	104.40 -7.27 0.00	71.35 -5.33 0.00	92.82 -6.84 0.00	74.18 -7.04 0.00	115.48 -12.82 0.00	132.87 -15.16 0.00	103.44 -11.53 0.00	106.63 -11.97 0.00	97.45 -10.76 0.00	93.45 -9.38 0.00	91.91 -8.81 0.00	78.16 -7.03 0.00	85.19 -8.86 0.00	128.04 -11.49 0.00	118.27 -11.58 0.00	119.90 -10.71 0.00	96.14 -11.78 0.00	100.35 -13.72 0.00	92.93 -12.12 0.00	84.58 -10.46 0.00	95.25 -11.13 0.00	99.03 -10.27 0.00
HARZA MOOSE___RIVER 24016	122.91 1.37 0.00	112.72 1.16 0.00	113.30 1.63 0.00	77.03 0.36 0.00	100.08 0.41 0.00	81.81 0.59 0.00	128.84 0.54 0.00	149.19 1.16 0.00	115.89 0.93 0.00	119.70 1.10 0.00	109.17 0.96 0.00	103.67 0.85 0.00	101.48 0.75 0.00	85.94 0.75 0.00	95.24 1.19 0.00	141.39 1.86 0.00	131.14 1.29 0.00	132.70 2.08 0.00	109.37 1.45 0.00	115.38 1.30 0.00	107.29 2.23 0.00	97.34 2.31 0.00	109.07 2.69 0.00	110.86 1.55 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	118.65 -2.88 0.00	108.85 -2.71 0.00	109.08 -2.58 0.00	74.85 -1.83 0.00	97.40 -2.27 0.00	79.24 -1.98 0.00	125.40 -2.90 0.00	144.82 -3.21 0.00	112.44 -2.51 0.00	115.98 -2.61 0.00	105.92 -2.29 0.00	100.63 -2.19 0.00	98.54 -2.19 0.00	83.36 -1.83 0.00	91.93 -2.11 0.00	136.61 -2.92 0.00	127.15 -2.70 0.00	128.03 -2.59 0.00	105.45 -2.47 0.00	111.27 -2.81 0.00	102.34 -2.72 0.00	92.46 -2.57 0.00	103.59 -2.79 0.00	106.55 -2.75 0.00
HELLGATE_13_KV_LD 55870	126.66 5.12 0.00	115.66 4.09 0.00	115.85 4.18 0.00	79.90 3.23 0.00	103.76 4.09 0.00	85.26 4.04 0.00	135.50 7.20 0.00	157.17 9.14 0.00	122.10 7.14 0.00	126.10 7.51 0.00	114.71 6.50 0.00	108.61 5.78 0.00	106.08 5.35 0.00	89.37 4.19 0.00	98.69 4.64 0.00	146.14 6.61 0.00	137.14 7.29 0.00	138.39 7.77 0.00	114.61 6.69 0.00	121.14 7.06 0.00	110.68 5.63 0.00	99.59 4.56 0.00	111.28 4.90 0.00	113.80 4.50 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	126.66 5.12 0.00	115.66 4.09 0.00	115.85 4.18 0.00	79.90 3.23 0.00	103.76 4.09 0.00	85.26 4.04 0.00	135.50 7.20 0.00	157.17 9.14 0.00	122.10 7.14 0.00	126.10 7.51 0.00	114.71 6.50 0.00	108.61 5.78 0.00	106.08 5.35 0.00	89.37 4.19 0.00	98.69 4.64 0.00	146.14 6.61 0.00	137.14 7.29 0.00	138.39 7.77 0.00	114.61 6.69 0.00	121.14 7.06 0.00	110.68 5.63 0.00	99.59 4.56 0.00	111.28 4.90 0.00	113.80 4.50 0.00
HEMPSTEAD____ 23647	127.17 5.64 0.00	116.20 4.64 0.00	116.48 4.81 0.00	80.27 3.60 0.00	104.33 4.66 0.00	85.87 4.65 0.00	135.87 7.57 0.00	156.55 8.52 0.00	122.13 7.17 0.00	125.76 7.17 0.00	114.71 6.49 0.00	108.33 5.51 0.00	105.95 5.23 0.00	89.45 4.26 0.00	99.05 5.01 0.00	146.64 7.10 0.00	137.73 7.88 0.00	138.75 8.13 0.00	118.29 7.40 -2.97	122.29 7.97 -0.24	123.35 6.51 -11.79	124.00 5.32 -23.65	119.06 6.01 -6.66	114.93 5.63 0.00
HICKLING___1 23621	116.52 -5.02 0.00	106.87 -4.69 0.00	107.40 -4.27 0.00	73.44 -3.24 0.00	95.66 -4.01 0.00	77.31 -3.91 0.00	122.33 -5.97 0.00	141.23 -6.79 0.00	109.53 -5.43 0.00	112.57 -6.03 0.00	102.87 -5.34 0.00	97.53 -5.29 0.00	95.89 -4.83 0.00	81.35 -3.84 0.00	89.41 -4.64 0.00	133.95 -5.58 0.00	124.63 -5.22 0.00	125.54 -5.08 0.00	103.23 -4.68 0.00	108.75 -5.33 0.00	99.94 -5.12 0.00	90.12 -4.91 0.00	100.75 -5.63 0.00	104.13 -5.17 0.00
HICKLING___2 23622	116.52 -5.02 0.00	106.87 -4.69 0.00	107.40 -4.27 0.00	73.44 -3.24 0.00	95.66 -4.01 0.00	77.31 -3.91 0.00	122.33 -5.97 0.00	141.23 -6.79 0.00	109.53 -5.43 0.00	112.57 -6.03 0.00	102.87 -5.34 0.00	97.53 -5.29 0.00	95.89 -4.83 0.00	81.35 -3.84 0.00	89.41 -4.64 0.00	133.95 -5.58 0.00	124.63 -5.22 0.00	125.54 -5.08 0.00	103.23 -4.68 0.00	108.75 -5.33 0.00	99.94 -5.12 0.00	90.12 -4.91 0.00	100.75 -5.63 0.00	104.13 -5.17 0.00
HIGH FALLS___HY 23754	126.93 5.40 0.00	116.05 4.49 0.00	116.19 4.52 0.00	80.01 3.33 0.00	104.06 4.39 0.00	85.25 4.03 0.00	135.73 7.43 0.00	157.02 8.99 0.00	121.77 6.80 0.00	125.72 7.13 0.00	114.43 6.22 0.00	108.24 5.42 0.00	105.55 4.83 0.00	89.02 3.84 0.00	98.37 4.33 0.00	146.24 6.71 0.00	137.22 7.37 0.00	138.63 8.02 0.00	114.88 6.96 0.00	121.66 7.58 0.00	111.19 6.13 0.00	99.87 4.84 0.00	111.48 5.10 0.00	114.14 4.84 0.00
HIGH_RIVER___SOLAR 323847	125.69 4.16 0.00	115.41 3.85 0.00	115.47 3.80 0.00	79.29 2.61 0.00	103.12 3.46 0.00	84.11 2.88 0.00	133.18 4.88 0.00	154.02 5.99 0.00	119.04 4.08 0.00	121.91 3.32 0.00	110.89 2.68 0.00	104.85 2.03 0.00	102.63 1.91 0.00	87.17 1.98 0.00	97.05 3.01 0.00	144.59 5.06 0.00	135.12 5.27 0.00	136.15 5.54 0.00	112.27 4.36 0.00	118.65 4.57 0.00	109.07 4.02 0.00	98.62 3.58 0.00	110.20 3.82 0.00	113.02 3.72 0.00
HILLBURN___GT 23639	125.15 3.61 0.00	114.32 2.76 0.00	114.51 2.85 0.00	78.85 2.18 0.00	102.54 2.88 0.00	84.04 2.82 0.00	133.49 5.19 0.00	154.44 6.41 0.00	119.87 4.91 0.00	123.72 5.13 0.00	112.69 4.48 0.00	106.65 3.83 0.00	104.19 3.47 0.00	87.77 2.58 0.00	96.93 2.88 0.00	143.81 4.28 0.00	134.75 4.90 0.00	135.99 5.38 0.00	112.75 4.84 0.00	119.44 5.35 0.00	109.21 4.15 0.00	98.18 3.15 0.00	109.75 3.37 0.00	112.46 3.16 0.00
HILLSIDE_115KV_TB1 80332	115.46 -6.08 0.00	105.92 -5.64 0.00	106.39 -5.28 0.00	72.76 -3.92 0.00	94.87 -4.79 0.00	76.71 -4.52 0.00	121.40 -6.90 0.00	140.09 -7.94 0.00	108.64 -6.32 0.00	111.71 -6.88 0.00	102.19 -6.03 0.00	96.96 -5.86 0.00	95.32 -5.40 0.00	80.74 -4.45 0.00	88.67 -5.37 0.00	132.44 -7.10 0.00	123.05 -6.80 0.00	123.78 -6.84 0.00	102.21 -5.70 0.00	107.76 -6.32 0.00	98.99 -6.07 0.00	89.25 -5.78 0.00	99.78 -6.60 0.00	103.00 -6.31 0.00

HISHELDN_WT_PWR 323625	114.19 -7.34 0.00	103.54 -7.28 0.74	104.83 -6.84 0.00	70.32 -5.14 1.22	92.90 -6.77 0.00	73.67 -6.72 0.84	116.90 -11.40 0.00	134.76 -13.27 0.00	103.76 -10.08 1.12	107.87 -10.73 0.00	98.55 -9.66 0.00	93.99 -8.84 0.00	92.54 -8.19 0.00	78.73 -6.46 0.00	85.16 -7.96 0.93	119.82 -9.61 10.10	110.38 -9.15 10.32	99.02 -8.61 22.98	96.05 -9.66 2.20	103.02 -11.06 0.00	93.86 -9.60 1.60	82.49 -8.52 4.02	90.03 -9.42 6.93	96.79 -8.63 3.88
HOLTSVILLE_IC_1 23690	128.61 7.08 0.00	117.46 5.90 0.00	118.04 6.37 0.00	81.37 4.69 0.00	105.80 6.13 0.00	87.27 6.04 0.00	163.84 9.62 -25.92	185.87 10.42 -27.42	134.30 8.54 -10.80	126.92 8.13 -0.19	115.26 7.05 0.00	108.75 5.92 0.00	106.30 5.58 0.00	89.87 4.69 0.00	100.04 5.99 0.00	151.06 8.50 -3.03	141.40 9.38 -2.17	142.73 9.45 -2.67	119.53 8.65 -2.97	123.69 9.36 -0.24	124.78 7.93 -11.79	160.56 6.70 -58.83	159.41 7.92 -45.11	116.85 7.55 0.00
HOLTSVILLE_IC_10 23699	129.41 7.87 0.00	118.14 6.57 0.00	118.73 7.06 0.00	81.84 5.16 0.00	106.43 6.76 0.00	87.82 6.59 0.00	163.76 10.51 -24.95	185.10 11.51 -25.56	134.66 9.38 -10.32	127.64 8.88 -0.16	115.87 7.66 0.00	109.31 6.49 0.00	106.85 6.12 0.00	90.36 5.17 0.00	100.62 6.57 0.00	151.52 9.45 -2.55	141.98 10.31 -1.82	143.26 10.40 -2.24	120.31 9.43 -2.97	124.46 10.14 -0.24	125.55 8.70 -11.79	159.23 7.39 -56.81	157.96 8.68 -42.89	117.59 8.28 0.00
HOLTSVILLE_IC_2 23691	128.61 7.08 0.00	117.46 5.90 0.00	118.04 6.37 0.00	81.37 4.69 0.00	105.80 6.13 0.00	87.27 6.04 0.00	163.84 9.62 -25.92	185.87 10.42 -27.42	134.30 8.54 -10.80	126.92 8.13 -0.19	115.26 7.05 0.00	108.75 5.92 0.00	106.30 5.58 0.00	89.87 4.69 0.00	100.04 5.99 0.00	151.06 8.50 -3.03	141.40 9.38 -2.17	142.73 9.45 -2.67	119.53 8.65 -2.97	123.69 9.36 -0.24	124.78 7.93 -11.79	160.56 6.70 -58.83	159.41 7.92 -45.11	116.85 7.55 0.00
HOLTSVILLE_IC_3 23692	128.61 7.08 0.00	117.46 5.90 0.00	118.04 6.37 0.00	81.37 4.69 0.00	105.80 6.13 0.00	87.27 6.04 0.00	163.84 9.62 -25.92	185.87 10.42 -27.42	134.30 8.54 -10.80	126.92 8.13 -0.19	115.26 7.05 0.00	108.75 5.92 0.00	106.30 5.58 0.00	89.87 4.69 0.00	100.04 5.99 0.00	151.06 8.50 -3.03	141.40 9.38 -2.17	142.73 9.45 -2.67	119.53 8.65 -2.97	123.69 9.36 -0.24	124.78 7.93 -11.79	160.56 6.70 -58.83	159.41 7.92 -45.11	116.85 7.55 0.00
HOLTSVILLE_IC_4 23693	128.61 7.08 0.00	117.46 5.90 0.00	118.04 6.37 0.00	81.37 4.69 0.00	105.80 6.13 0.00	87.27 6.04 0.00	163.84 9.62 -25.92	185.87 10.42 -27.42	134.30 8.54 -10.80	126.92 8.13 -0.19	115.26 7.05 0.00	108.75 5.92 0.00	106.30 5.58 0.00	89.87 4.69 0.00	100.04 5.99 0.00	151.06 8.50 -3.03	141.40 9.38 -2.17	142.73 9.45 -2.67	119.53 8.65 -2.97	123.69 9.36 -0.24	124.78 7.93 -11.79	160.56 6.70 -58.83	159.41 7.92 -45.11	116.85 7.55 0.00
HOLTSVILLE_IC_5 23694	128.61 7.08 0.00	117.46 5.90 0.00	118.04 6.37 0.00	81.37 4.69 0.00	105.80 6.13 0.00	87.27 6.04 0.00	163.84 9.62 -25.92	185.87 10.42 -27.42	134.30 8.54 -10.80	126.92 8.13 -0.19	115.26 7.05 0.00	108.75 5.92 0.00	106.30 5.58 0.00	89.87 4.69 0.00	100.04 5.99 0.00	151.06 8.50 -3.03	141.40 9.38 -2.17	142.73 9.45 -2.67	119.53 8.65 -2.97	123.69 9.36 -0.24	124.78 7.93 -11.79	160.56 6.70 -58.83	159.41 7.92 -45.11	116.85 7.55 0.00
HOLTSVILLE_IC_6 23695	129.41 7.87 0.00	118.14 6.57 0.00	118.73 7.06 0.00	81.84 5.16 0.00	106.43 6.76 0.00	87.82 6.59 0.00	163.76 10.51 -24.95	185.10 11.51 -25.56	134.66 9.38 -10.32	127.64 8.88 -0.16	115.87 7.66 0.00	109.31 6.49 0.00	106.85 6.12 0.00	90.36 5.17 0.00	100.62 6.57 0.00	151.52 9.45 -2.55	141.98 10.31 -1.82	143.26 10.40 -2.24	120.31 9.43 -2.97	124.46 10.14 -0.24	125.55 8.70 -11.79	159.23 7.39 -56.81	157.96 8.68 -42.89	117.59 8.28 0.00
HOLTSVILLE_IC_7 23696	129.41 7.87 0.00	118.14 6.57 0.00	118.73 7.06 0.00	81.84 5.16 0.00	106.43 6.76 0.00	87.82 6.59 0.00	163.76 10.51 -24.95	185.10 11.51 -25.56	134.66 9.38 -10.32	127.64 8.88 -0.16	115.87 7.66 0.00	109.31 6.49 0.00	106.85 6.12 0.00	90.36 5.17 0.00	100.62 6.57 0.00	151.52 9.45 -2.55	141.98 10.31 -1.82	143.26 10.40 -2.24	120.31 9.43 -2.97	124.46 10.14 -0.24	125.55 8.70 -11.79	159.23 7.39 -56.81	157.96 8.68 -42.89	117.59 8.28 0.00
HOLTSVILLE_IC_8 23697	129.41 7.87 0.00	118.14 6.57 0.00	118.73 7.06 0.00	81.84 5.16 0.00	106.43 6.76 0.00	87.82 6.59 0.00	163.76 10.51 -24.95	185.10 11.51 -25.56	134.66 9.38 -10.32	127.64 8.88 -0.16	115.87 7.66 0.00	109.31 6.49 0.00	106.85 6.12 0.00	90.36 5.17 0.00	100.62 6.57 0.00	151.52 9.45 -2.55	141.98 10.31 -1.82	143.26 10.40 -2.24	120.31 9.43 -2.97	124.46 10.14 -0.24	125.55 8.70 -11.79	159.23 7.39 -56.81	157.96 8.68 -42.89	117.59 8.28 0.00
HOLTSVILLE_IC_9 23698	129.41 7.87 0.00	118.14 6.57 0.00	118.73 7.06 0.00	81.84 5.16 0.00	106.43 6.76 0.00	87.82 6.59 0.00	163.76 10.51 -24.95	185.10 11.51 -25.56	134.66 9.38 -10.32	127.64 8.88 -0.16	115.87 7.66 0.00	109.31 6.49 0.00	106.85 6.12 0.00	90.36 5.17 0.00	100.62 6.57 0.00	151.52 9.45 -2.55	141.98 10.31 -1.82	143.26 10.40 -2.24	120.31 9.43 -2.97	124.46 10.14 -0.24	125.55 8.70 -11.79	159.23 7.39 -56.81	157.96 8.68 -42.89	117.59 8.28 0.00
HOMER_HL_115KV_TB2 355744	117.76 -3.77 0.00	107.20 -4.36 0.00	107.79 -3.88 0.00	73.61 -3.07 0.00	95.97 -3.70 0.00	77.37 -3.86 0.00	121.56 -6.75 0.00	140.48 -7.54 0.00	109.15 -5.81 0.00	112.47 -6.12 0.00	102.94 -5.27 0.00	98.50 -4.32 0.00	96.97 -3.76 0.00	82.21 -2.98 0.00	89.63 -4.41 0.00	133.61 -5.92 0.00	123.74 -6.12 0.00	123.93 -6.68 0.00	100.42 -7.50 0.00	105.60 -8.48 0.00	97.38 -7.68 0.00	88.19 -6.84 0.00	99.13 -7.25 0.00	102.46 -6.84 0.00
HOWARD_WT_PWR 323690	110.27 -11.27 0.00	102.61 -9.38 -0.43	103.33 -8.34 0.00	70.77 -6.62 -0.71	90.55 -9.11 0.00	73.31 -8.40 -0.49	114.54 -13.76 0.00	133.11 -14.91 0.00	104.47 -11.15 -0.66	107.13 -11.46 0.00	98.07 -10.14 0.00	92.59 -10.23 0.00	90.69 -10.04 0.00	77.76 -7.42 0.00	86.19 -8.40 -0.54	130.84 -8.69 0.00	122.35 -7.50 0.00	123.90 -6.72 0.00	101.04 -6.87 0.00	106.32 -7.76 0.00	97.81 -7.24 0.00	88.43 -6.60 0.00	99.22 -7.16 0.00	103.41 -5.90 0.00
HQ_GEN_CEDARS 23644	123.63 2.10 0.00	113.54 1.98 0.00	113.53 1.86 0.00	77.97 1.29 0.00	100.89 1.22 0.00	82.46 1.23 0.00	129.45 1.15 0.00	149.36 1.33 0.00	116.22 1.26 0.00	119.88 1.29 0.00	109.47 1.26 0.00	104.23 1.41 0.00	102.27 1.55 0.00	86.58 1.39 0.00	95.72 1.68 0.00	141.70 2.17 0.00	130.98 1.12 0.00	131.62 1.00 0.00	108.82 0.90 0.00	114.85 0.77 0.00	106.26 1.21 0.00	96.99 1.96 0.00	108.53 2.15 0.00	111.47 2.17 0.00
HQ_GEN_CEDARS_PROXY 323590	123.63 2.09 0.00	113.54 1.99 0.00	113.53 1.86 0.00	77.97 1.29 0.00	100.89 1.22 0.00	70.40 1.23 12.06	129.45 1.14 0.00	149.35 1.32 0.00	116.18 1.22 0.00	119.88 1.29 0.00	109.47 1.26 0.00	104.24 1.41 0.00	102.27 1.55 0.00	86.58 1.39 0.00	95.74 1.69 0.00	141.70 2.17 0.00	130.95 1.10 0.00	131.59 0.98 0.00	108.81 0.90 0.00	114.86 0.78 0.00	106.26 1.21 0.00	96.95 1.95 0.02	108.31 2.15 0.22	111.44 2.14 0.00

HQ_GEN_IMPORT 323601	121.86 0.32 0.00	111.86 0.30 0.00	111.89 0.23 0.00	76.85 0.17 0.00	99.76 0.09 0.00	81.45 0.22 0.00	128.47 0.17 0.00	148.18 0.15 0.00	115.12 0.15 0.00	118.77 0.17 0.00	108.38 0.17 0.00	103.10 0.28 0.00	101.11 0.39 0.00	85.59 0.40 0.00	94.63 0.58 0.00	140.36 0.82 0.00	130.39 0.54 0.00	131.01 0.39 0.00	108.31 0.40 0.00	114.53 0.45 0.00	105.73 0.68 0.00	95.77 0.74 0.00	107.07 0.70 0.00	109.99 0.69 0.00
HQ_GEN_WHEEL 23651	121.86 0.32 0.00	111.86 0.30 0.00	111.89 0.23 0.00	76.85 0.17 0.00	99.76 0.09 0.00	81.45 0.22 0.00	128.47 0.17 0.00	148.18 0.15 0.00	115.12 0.15 0.00	118.77 0.17 0.00	108.38 0.17 0.00	103.10 0.28 0.00	101.11 0.39 0.00	85.59 0.40 0.00	94.63 0.58 0.00	140.36 0.82 0.00	130.39 0.54 0.00	131.01 0.39 0.00	108.31 0.40 0.00	114.53 0.45 0.00	105.73 0.68 0.00	95.77 0.74 0.00	107.07 0.70 0.00	109.99 0.69 0.00
HUDSON AVE_GT_3 23810	126.23 4.70 0.00	115.28 3.72 0.00	115.44 3.78 0.00	79.56 2.89 0.00	103.39 3.72 0.00	84.88 3.65 0.00	134.89 6.58 0.00	156.28 8.26 0.00	121.37 6.41 0.00	125.38 6.79 0.00	114.08 5.87 0.00	108.01 5.19 0.00	105.53 4.81 0.00	88.93 3.74 0.00	98.17 4.13 0.00	145.49 5.96 0.00	136.48 6.63 0.00	137.70 7.08 0.00	114.04 6.13 0.00	120.65 6.57 0.00	110.23 5.17 0.00	99.10 4.07 0.00	110.81 4.43 0.00	113.45 4.14 0.00
HUDSON AVE_GT_4 23540	126.23 4.70 0.00	115.28 3.72 0.00	115.44 3.78 0.00	79.56 2.89 0.00	103.39 3.72 0.00	84.88 3.65 0.00	134.89 6.58 0.00	156.28 8.26 0.00	121.37 6.41 0.00	125.38 6.79 0.00	114.08 5.87 0.00	108.01 5.19 0.00	105.53 4.81 0.00	88.93 3.74 0.00	98.17 4.13 0.00	145.49 5.96 0.00	136.48 6.63 0.00	137.70 7.08 0.00	114.04 6.13 0.00	120.65 6.57 0.00	110.23 5.17 0.00	99.10 4.07 0.00	110.81 4.43 0.00	113.45 4.14 0.00
HUDSON AVE_GT_5 23657	126.23 4.70 0.00	115.28 3.72 0.00	115.44 3.78 0.00	79.56 2.89 0.00	103.39 3.72 0.00	84.88 3.65 0.00	134.89 6.58 0.00	156.28 8.26 0.00	121.37 6.41 0.00	125.38 6.79 0.00	114.08 5.87 0.00	108.01 5.19 0.00	105.53 4.81 0.00	88.93 3.74 0.00	98.17 4.13 0.00	145.49 5.96 0.00	136.48 6.63 0.00	137.70 7.08 0.00	114.04 6.13 0.00	120.65 6.57 0.00	110.23 5.17 0.00	99.10 4.07 0.00	110.81 4.43 0.00	113.45 4.14 0.00
HUDSON_AVE_10 24168	126.06 4.52 0.00	115.12 3.56 0.00	115.27 3.60 0.00	79.49 2.81 0.00	103.29 3.62 0.00	84.82 3.60 0.00	134.78 6.48 0.00	156.22 8.19 0.00	121.35 6.39 0.00	125.32 6.73 0.00	113.98 5.77 0.00	107.91 5.09 0.00	105.43 4.71 0.00	88.84 3.66 0.00	98.08 4.03 0.00	145.39 5.86 0.00	136.39 6.54 0.00	137.66 7.05 0.00	113.99 6.07 0.00	120.52 6.43 0.00	110.10 5.04 0.00	98.96 3.94 0.00	110.68 4.31 0.00	113.29 3.99 0.00
HUDSON___115KV_TB 4 355613	128.78 7.25 0.00	118.28 6.72 0.00	118.38 6.71 0.00	81.34 4.67 0.00	105.86 6.19 0.00	86.21 4.98 0.00	136.18 7.88 0.00	157.40 9.37 0.00	121.91 6.95 0.00	124.67 6.07 0.00	113.22 5.01 0.00	107.49 4.67 0.00	105.16 4.43 0.00	89.31 4.12 0.00	98.09 4.05 0.00	146.05 6.52 0.00	136.57 6.72 0.00	137.47 6.86 0.00	113.66 5.75 0.00	120.04 5.96 0.00	110.40 5.34 0.00	99.86 4.83 0.00	112.01 5.63 0.00	114.89 5.59 0.00
HUNTER MOUNT___DRP 323613	129.99 8.45 0.00	119.47 7.90 0.00	119.53 7.86 0.00	82.12 5.44 0.00	106.88 7.21 0.00	86.99 5.77 0.00	137.45 9.15 0.00	158.91 10.88 0.00	122.99 8.03 0.00	125.65 7.06 0.00	114.02 5.81 0.00	108.29 5.47 0.00	106.06 5.34 0.00	90.05 4.86 0.00	98.85 4.81 0.00	147.45 7.92 0.00	137.92 8.08 0.00	138.85 8.23 0.00	114.72 6.81 0.00	121.03 6.95 0.00	111.37 6.32 0.00	100.78 5.75 0.00	112.98 6.60 0.00	115.86 6.56 0.00
HUNTINGTON_RES_REC 323705	128.53 7.00 0.00	117.41 5.85 0.00	118.05 6.38 0.00	81.38 4.70 0.00	105.79 6.12 0.00	87.24 6.02 0.00	126.71 9.47 11.05	147.63 10.16 10.56	118.87 8.42 4.51	126.58 8.03 0.04	115.31 7.09 0.00	108.84 6.02 0.00	106.39 5.66 0.00	89.96 4.77 0.00	100.05 6.01 0.00	147.23 8.51 0.82	138.78 9.52 0.58	139.53 9.63 0.72	119.85 8.97 -2.97	124.00 9.68 -0.24	124.99 8.14 -11.79	110.81 6.82 -8.96	105.05 8.06 9.39	116.98 7.68 0.00
HUNTLEY___63 23557	115.20 -6.34 0.00	104.98 -6.59 0.00	105.54 -6.12 0.00	72.09 -4.58 0.00	93.77 -5.90 0.00	75.11 -6.11 0.00	117.04 -11.26 0.00	134.64 -13.39 0.00	104.84 -10.13 0.00	107.97 -10.63 0.00	98.76 -9.45 0.00	94.68 -8.14 0.00	93.19 -7.53 0.00	79.18 -6.01 0.00	86.38 -7.66 0.00	129.94 -9.59 0.00	120.01 -9.84 0.00	121.65 -8.97 0.00	97.34 -10.57 0.00	101.64 -12.44 0.00	94.31 -10.75 0.00	85.71 -9.32 0.00	96.52 -9.86 0.00	100.20 -9.11 0.00
HUNTLEY___64 23558	115.20 -6.34 0.00	104.98 -6.59 0.00	105.54 -6.12 0.00	72.09 -4.58 0.00	93.77 -5.90 0.00	75.11 -6.11 0.00	117.04 -11.26 0.00	134.64 -13.39 0.00	104.84 -10.13 0.00	107.97 -10.63 0.00	98.76 -9.45 0.00	94.68 -8.14 0.00	93.19 -7.53 0.00	79.18 -6.01 0.00	86.38 -7.66 0.00	129.94 -9.59 0.00	120.01 -9.84 0.00	121.65 -8.97 0.00	97.34 -10.57 0.00	101.64 -12.44 0.00	94.31 -10.75 0.00	85.71 -9.32 0.00	96.52 -9.86 0.00	100.20 -9.11 0.00
HUNTLEY___65 23559	115.20 -6.34 0.00	104.98 -6.59 0.00	105.54 -6.12 0.00	72.09 -4.58 0.00	93.77 -5.90 0.00	75.11 -6.11 0.00	117.04 -11.26 0.00	134.64 -13.39 0.00	104.84 -10.13 0.00	107.97 -10.63 0.00	98.76 -9.45 0.00	94.68 -8.14 0.00	93.19 -7.53 0.00	79.18 -6.01 0.00	86.38 -7.66 0.00	129.94 -9.59 0.00	120.01 -9.84 0.00	121.65 -8.97 0.00	97.34 -10.57 0.00	101.64 -12.44 0.00	94.31 -10.75 0.00	85.71 -9.32 0.00	96.52 -9.86 0.00	100.20 -9.11 0.00
HUNTLEY___66 23560	115.20 -6.34 0.00	104.98 -6.59 0.00	105.54 -6.12 0.00	72.09 -4.58 0.00	93.77 -5.90 0.00	75.11 -6.11 0.00	117.04 -11.26 0.00	134.64 -13.39 0.00	104.84 -10.13 0.00	107.97 -10.63 0.00	98.76 -9.45 0.00	94.68 -8.14 0.00	93.19 -7.53 0.00	79.18 -6.01 0.00	86.38 -7.66 0.00	129.94 -9.59 0.00	120.01 -9.84 0.00	121.65 -8.97 0.00	97.34 -10.57 0.00	101.64 -12.44 0.00	94.31 -10.75 0.00	85.71 -9.32 0.00	96.52 -9.86 0.00	100.20 -9.11 0.00
HUNTLEY___67 23561	114.98 -6.55 0.00	104.85 -6.71 0.00	105.49 -6.18 0.00	72.04 -4.64 0.00	93.70 -5.97 0.00	75.09 -6.13 0.00	117.39 -10.91 0.00	135.11 -12.92 0.00	105.19 -9.77 0.00	108.48 -10.12 0.00	99.15 -9.06 0.00	95.14 -7.68 0.00	93.67 -7.06 0.00	79.56 -5.63 0.00	86.69 -7.35 0.00	130.26 -9.27 0.00	120.30 -9.55 0.00	121.62 -8.99 0.00	97.69 -10.22 0.00	102.17 -11.91 0.00	94.74 -10.32 0.00	85.97 -9.06 0.00	96.74 -9.64 0.00	100.33 -8.97 0.00
HUNTLEY___68 23562	114.98 -6.55 0.00	104.85 -6.71 0.00	105.49 -6.18 0.00	72.04 -4.64 0.00	93.70 -5.97 0.00	75.09 -6.13 0.00	117.39 -10.91 0.00	135.11 -12.92 0.00	105.19 -9.77 0.00	108.48 -10.12 0.00	99.15 -9.06 0.00	95.14 -7.68 0.00	93.67 -7.06 0.00	79.56 -5.63 0.00	86.69 -7.35 0.00	130.26 -9.27 0.00	120.30 -9.55 0.00	121.62 -8.99 0.00	97.69 -10.22 0.00	102.17 -11.91 0.00	94.74 -10.32 0.00	85.97 -9.06 0.00	96.74 -9.64 0.00	100.33 -8.97 0.00

HYLAND___LFGE 323620	109.96 -11.57 0.00	101.04 -10.52 0.00	101.79 -9.88 0.00	70.86 -5.81 0.00	91.03 -8.64 0.00	74.43 -6.79 0.00	115.33 -12.97 0.00	134.45 -13.58 0.00	105.47 -9.50 0.00	106.83 -11.76 0.00	97.14 -11.07 0.00	92.92 -9.90 0.00	91.61 -9.11 0.00	78.59 -6.60 0.00	85.72 -8.32 0.00	124.14 -12.69 2.71	117.20 -9.88 2.77	113.97 -10.49 6.16	98.49 -8.83 0.59	103.64 -10.44 0.00	95.50 -9.13 0.43	85.80 -8.16 1.08	94.89 -9.64 1.86	99.63 -8.64 1.04
INDECK___CORINTH 23802	130.13 8.59 0.00	119.90 8.34 0.00	120.04 8.37 0.00	82.46 5.78 0.00	107.29 7.62 0.00	87.68 6.45 0.00	139.01 10.71 0.00	160.79 12.76 0.00	124.71 9.75 0.00	127.88 9.28 0.00	116.38 8.17 0.00	110.53 7.71 0.00	108.36 7.64 0.00	91.70 6.51 0.00	101.20 7.15 0.00	150.03 10.50 0.00	140.28 10.43 0.00	141.11 10.49 0.00	116.61 8.70 0.00	123.04 8.96 0.00	112.87 7.82 0.00	102.17 7.14 0.00	114.05 7.67 0.00	116.65 7.35 0.00
INDECK___ILION 23567	125.25 3.71 0.00	114.89 3.33 0.00	114.91 3.24 0.00	78.96 2.28 0.00	102.72 3.05 0.00	83.86 2.63 0.00	132.69 4.39 0.00	153.38 5.36 0.00	118.72 3.76 0.00	121.78 3.18 0.00	111.07 2.86 0.00	105.38 2.56 0.00	103.10 2.37 0.00	87.32 2.13 0.00	96.62 2.58 0.00	143.62 4.09 0.00	133.96 4.11 0.00	134.84 4.22 0.00	111.49 3.58 0.00	117.90 3.82 0.00	108.39 3.33 0.00	98.04 3.01 0.00	109.66 3.28 0.00	112.52 3.21 0.00
INDECK___OLEAN 23982	117.76 -3.77 0.00	105.17 -4.37 2.02	107.80 -3.87 0.00	70.27 -3.06 3.34	95.98 -3.69 0.00	75.07 -3.86 2.30	121.54 -6.76 0.00	140.51 -7.52 0.00	106.15 -5.73 3.08	112.48 -6.12 0.00	102.94 -5.27 0.00	98.51 -4.32 0.00	96.95 -3.77 0.00	82.21 -2.98 0.00	87.00 -4.51 2.54	110.13 -5.88 23.52	99.77 -6.05 24.03	70.47 -6.62 53.52	95.28 -7.50 5.13	105.61 -8.47 0.00	93.68 -7.65 3.72	78.87 -6.80 9.36	83.05 -7.20 16.13	93.46 -6.81 9.03
INDECK___OSWEGO 23783	116.17 -5.37 0.00	106.57 -5.00 0.00	106.82 -4.85 0.00	73.26 -3.42 0.00	95.29 -4.38 0.00	77.58 -3.65 0.00	122.68 -5.62 0.00	141.65 -6.37 0.00	110.04 -4.92 0.00	113.50 -5.10 0.00	103.60 -4.61 0.00	98.39 -4.43 0.00	96.34 -4.38 0.00	81.50 -3.69 0.00	89.90 -4.15 0.00	133.62 -5.91 0.00	124.30 -5.55 0.00	125.18 -5.43 0.00	103.24 -4.67 0.00	109.01 -5.07 0.00	100.40 -4.67 0.00	90.86 -4.17 0.00	101.84 -4.54 0.00	104.68 -4.63 0.00
INDECK___YERKES 23781	115.13 -6.40 0.00	103.72 -6.63 1.21	105.49 -6.18 0.00	70.02 -4.66 2.00	93.69 -5.97 0.00	73.70 -6.15 1.37	116.98 -11.32 0.00	134.53 -13.50 0.00	103.05 -10.07 1.84	107.93 -10.67 0.00	98.71 -9.50 0.00	94.61 -8.21 0.00	93.11 -7.61 0.00	79.14 -6.06 0.00	84.75 -7.77 1.52	114.04 -9.61 15.88	103.82 -9.81 16.22	85.60 -8.88 36.13	93.83 -10.62 3.47	101.58 -12.50 0.00	91.77 -10.78 2.51	79.38 -9.33 6.32	85.64 -9.85 10.89	94.08 -9.13 6.10
INDIAN POINT_GT_1 24139	125.47 3.93 0.00	114.63 3.07 0.00	114.83 3.16 0.00	79.11 2.43 0.00	102.82 3.16 0.00	84.30 3.08 0.00	133.85 5.55 0.00	154.80 6.77 0.00	120.18 5.22 0.00	124.05 5.45 0.00	112.97 4.75 0.00	106.94 4.12 0.00	104.51 3.79 0.00	88.06 2.88 0.00	97.29 3.25 0.00	144.23 4.70 0.00	135.21 5.36 0.00	136.44 5.83 0.00	113.07 5.16 0.00	119.75 5.67 0.00	109.49 4.43 0.00	98.45 3.42 0.00	110.04 3.66 0.00	112.73 3.43 0.00
INDIAN POINT_GT_2 23659	125.47 3.93 0.00	114.63 3.07 0.00	114.83 3.16 0.00	79.11 2.43 0.00	102.82 3.16 0.00	84.30 3.08 0.00	133.85 5.55 0.00	154.80 6.77 0.00	120.18 5.22 0.00	124.05 5.45 0.00	112.97 4.75 0.00	106.94 4.12 0.00	104.51 3.79 0.00	88.06 2.88 0.00	97.29 3.25 0.00	144.23 4.70 0.00	135.21 5.36 0.00	136.44 5.83 0.00	113.07 5.16 0.00	119.75 5.67 0.00	109.49 4.43 0.00	98.45 3.42 0.00	110.04 3.66 0.00	112.73 3.43 0.00
INDIAN POINT_GT_3 24019	125.47 3.93 0.00	114.63 3.07 0.00	114.83 3.16 0.00	79.11 2.43 0.00	102.82 3.16 0.00	84.30 3.08 0.00	133.85 5.55 0.00	154.80 6.77 0.00	120.18 5.22 0.00	124.05 5.45 0.00	112.97 4.75 0.00	106.94 4.12 0.00	104.51 3.79 0.00	88.06 2.88 0.00	97.29 3.25 0.00	144.23 4.70 0.00	135.21 5.36 0.00	136.44 5.83 0.00	113.07 5.16 0.00	119.75 5.67 0.00	109.49 4.43 0.00	98.45 3.42 0.00	110.04 3.66 0.00	112.73 3.43 0.00
INDIAN POINT___2 23530	125.22 3.69 0.00	114.40 2.84 0.00	114.60 2.93 0.00	78.93 2.25 0.00	102.61 2.94 0.00	84.11 2.89 0.00	133.58 5.28 0.00	154.47 6.44 0.00	119.93 4.97 0.00	123.81 5.21 0.00	112.75 4.54 0.00	106.71 3.89 0.00	104.26 3.53 0.00	87.85 2.65 0.00	97.03 2.99 0.00	143.87 4.34 0.00	134.87 5.02 0.00	136.10 5.49 0.00	112.79 4.87 0.00	119.45 5.36 0.00	109.21 4.16 0.00	98.22 3.19 0.00	109.78 3.40 0.00	112.52 3.22 0.00
INDIAN POINT___3 23531	125.23 3.69 0.00	114.44 2.88 0.00	114.65 2.98 0.00	78.96 2.28 0.00	102.66 2.99 0.00	84.13 2.91 0.00	133.57 5.27 0.00	154.46 6.43 0.00	119.93 4.97 0.00	123.80 5.20 0.00	112.74 4.53 0.00	106.73 3.91 0.00	104.26 3.53 0.00	87.87 2.68 0.00	97.04 3.00 0.00	143.85 4.32 0.00	134.84 4.99 0.00	136.06 5.45 0.00	112.77 4.85 0.00	119.42 5.34 0.00	109.18 4.12 0.00	98.18 3.15 0.00	109.77 3.39 0.00	112.49 3.19 0.00
INGHAM_C_115KV_TB7 356103	129.75 8.21 0.00	118.90 7.34 0.00	118.90 7.23 0.00	81.80 5.12 0.00	106.50 6.83 0.00	87.07 5.85 0.00	138.05 9.75 0.00	159.77 11.74 0.00	123.17 8.21 0.00	125.44 6.84 0.00	114.31 6.09 0.00	108.26 5.44 0.00	105.81 5.08 0.00	89.78 4.59 0.00	99.70 5.66 0.00	148.62 9.08 0.00	138.92 9.06 0.00	139.91 9.30 0.00	115.78 7.87 0.00	122.47 8.39 0.00	112.36 7.30 0.00	101.64 6.61 0.00	113.59 7.21 0.00	116.39 7.09 0.00
IP CORINTH___1 23988	130.23 8.70 0.00	119.89 8.33 0.00	120.04 8.37 0.00	82.47 5.79 0.00	107.29 7.62 0.00	87.67 6.45 0.00	139.01 10.71 0.00	160.79 12.76 0.00	124.71 9.75 0.00	127.88 9.28 0.00	116.39 8.18 0.00	110.53 7.71 0.00	108.36 7.64 0.00	91.70 6.51 0.00	101.20 7.16 0.00	150.03 10.50 0.00	140.28 10.42 0.00	141.11 10.49 0.00	116.62 8.71 0.00	123.04 8.96 0.00	112.87 7.82 0.00	102.16 7.13 0.00	114.05 7.68 0.00	116.65 7.35 0.00
IP___TICONDEROGA 23804	132.94 11.40 0.00	122.28 10.72 0.00	122.43 10.76 0.00	84.22 7.55 0.00	109.39 9.72 0.00	89.97 8.74 0.00	143.15 14.85 0.00	166.08 18.05 0.00	128.61 13.65 0.00	130.28 11.69 0.00	118.00 9.79 0.00	112.46 9.64 0.00	110.48 9.75 0.00	94.30 9.12 0.00	103.86 9.82 0.00	154.19 14.66 0.00	145.72 15.88 0.00	146.56 15.94 0.00	121.60 13.69 0.00	127.76 13.68 0.00	116.78 11.72 0.00	105.44 10.41 0.00	117.57 11.18 0.00	119.56 10.26 0.00
ISLIP_RES_REC 323679	130.00 8.46 0.00	118.60 7.04 0.00	119.21 7.54 0.00	82.19 5.51 0.00	106.90 7.23 0.00	88.22 7.00 0.00	161.74 11.25 -22.19	183.47 12.35 -23.09	134.18 10.01 -9.21	128.28 9.53 -0.15	116.37 8.16 0.00	109.78 6.95 0.00	107.33 6.60 0.00	90.75 5.56 0.00	101.11 7.06 0.00	152.27 10.28 -2.46	142.76 11.16 -1.76	144.05 11.27 -2.16	120.98 10.09 -2.97	125.16 10.84 -0.24	126.17 9.32 -11.79	156.11 7.94 -53.14	154.50 9.24 -38.88	118.13 8.83 0.00

JAMAICA__27_KV_LOAD 355505	126.23 4.69 0.00	115.32 3.76 0.00	115.42 3.75 0.00	79.83 3.15 0.00	103.69 4.03 0.00	85.21 3.98 0.00	135.35 7.05 0.00	157.16 9.13 0.00	121.95 6.98 0.00	125.76 7.16 0.00	114.05 5.84 0.00	108.05 5.23 0.00	105.53 4.81 0.00	88.85 3.66 0.00	98.02 3.97 0.00	145.66 6.13 0.00	136.88 7.03 0.00	138.37 7.76 0.00	114.38 6.46 0.00	120.45 6.37 0.00	110.03 4.97 0.00	98.82 3.79 0.00	110.80 4.42 0.00	113.37 4.07 0.00
JANIS__SOLAR 323808	124.27 2.74 0.00	114.25 2.29 -0.40	114.39 2.73 0.00	78.89 1.55 -0.67	101.87 2.21 0.00	83.30 1.61 -0.46	131.60 3.30 0.00	152.49 4.46 0.00	118.64 3.07 -0.62	121.54 2.94 0.00	111.18 2.96 0.00	105.62 2.80 0.00	103.42 2.70 0.00	87.14 1.95 0.00	96.62 2.07 -0.51	149.15 4.40 -5.34	139.69 4.51 -5.34	147.28 4.78 -11.88	112.32 3.27 -1.14	117.37 3.29 0.00	108.63 2.74 -0.83	99.66 2.56 -2.08	113.01 3.05 -3.58	114.42 3.12 -2.00
JARVIS____ 23743	122.02 0.49 0.00	112.06 0.50 0.00	112.14 0.47 0.00	76.99 0.31 0.00	100.07 0.40 0.00	81.55 0.33 0.00	128.82 0.51 0.00	148.65 0.62 0.00	115.44 0.48 0.00	119.07 0.48 0.00	108.65 0.43 0.00	103.23 0.41 0.00	101.04 0.31 0.00	85.45 0.26 0.00	94.33 0.29 0.00	139.95 0.42 0.00	130.22 0.37 0.00	131.00 0.38 0.00	108.24 0.32 0.00	114.43 0.34 0.00	105.38 0.33 0.00	95.30 0.26 0.00	106.78 0.40 0.00	109.67 0.37 0.00
JENNISON____1 23625	122.63 1.10 0.00	112.30 0.74 0.00	112.75 1.09 0.00	77.24 0.56 0.00	100.54 0.87 0.00	81.86 0.64 0.00	130.14 1.84 0.00	151.35 3.32 0.00	117.51 2.55 0.00	120.81 2.21 0.00	110.49 2.28 0.00	105.07 2.25 0.00	103.40 2.68 0.00	87.14 1.95 0.00	96.33 2.29 0.00	144.17 4.63 0.00	134.38 4.53 0.00	135.09 4.47 0.00	111.03 3.11 0.00	117.50 3.42 0.00	108.21 3.15 0.00	97.89 2.86 0.00	109.89 3.51 0.00	112.97 3.67 0.00
JENNISON____2 23626	122.63 1.10 0.00	112.30 0.74 0.00	112.75 1.09 0.00	77.24 0.56 0.00	100.54 0.87 0.00	81.86 0.64 0.00	130.14 1.84 0.00	151.35 3.32 0.00	117.51 2.55 0.00	120.81 2.21 0.00	110.49 2.28 0.00	105.07 2.25 0.00	103.40 2.68 0.00	87.14 1.95 0.00	96.33 2.29 0.00	144.17 4.63 0.00	134.38 4.53 0.00	135.09 4.47 0.00	111.03 3.11 0.00	117.50 3.42 0.00	108.21 3.15 0.00	97.89 2.86 0.00	109.89 3.51 0.00	112.97 3.67 0.00
JERICOHO_RISE_WT_PWR 323719	120.07 -1.46 0.00	110.64 -0.92 0.00	110.47 -1.20 0.00	75.92 -0.76 0.00	98.19 -1.48 0.00	80.29 -0.93 0.00	126.40 -1.90 0.00	145.84 -2.19 0.00	113.58 -1.38 0.00	117.37 -1.22 0.00	107.21 -1.00 0.00	102.21 -0.61 0.00	100.30 -0.43 0.00	85.08 -0.11 0.00	94.15 0.10 0.00	139.49 -0.04 0.00	130.12 0.27 0.00	130.78 0.16 0.00	108.64 0.72 0.00	115.13 1.05 0.00	106.55 1.49 0.00	96.77 1.74 0.00	108.06 1.68 0.00	110.67 1.37 0.00
KATONAH__115KV_46KV_TB4 355592	126.80 5.27 0.00	115.90 4.34 0.00	116.10 4.43 0.00	79.96 3.28 0.00	103.96 4.29 0.00	85.23 4.00 0.00	135.33 7.03 0.00	156.53 8.50 0.00	121.56 6.60 0.00	125.47 6.88 0.00	114.22 6.00 0.00	108.12 5.30 0.00	105.61 4.89 0.00	89.04 3.86 0.00	98.36 4.31 0.00	145.81 6.28 0.00	136.71 6.86 0.00	137.96 7.34 0.00	114.30 6.39 0.00	121.01 6.93 0.00	110.61 5.55 0.00	99.48 4.45 0.00	111.16 4.78 0.00	113.84 4.54 0.00
KCE_NY_1 323755	128.98 7.45 0.00	118.60 7.04 0.00	118.58 6.91 0.00	81.47 4.80 0.00	105.99 6.32 0.00	86.63 5.41 0.00	136.86 8.56 0.00	158.07 10.04 0.00	122.62 7.65 0.00	125.92 7.33 0.00	114.71 6.49 0.00	108.87 6.04 0.00	106.70 5.97 0.00	90.34 5.15 0.00	99.71 5.66 0.00	147.89 8.36 0.00	138.10 8.25 0.00	138.95 8.34 0.00	114.73 6.81 0.00	121.23 7.15 0.00	111.31 6.26 0.00	100.63 5.60 0.00	112.52 6.14 0.00	115.22 5.92 0.00
KCE_NY_6_ESR 323823	116.58 -4.95 0.00	104.82 -5.37 1.37	106.82 -4.85 0.00	70.66 -3.76 2.26	94.84 -4.83 0.00	74.56 -5.11 1.56	119.21 -9.09 0.00	137.37 -10.66 0.00	104.91 -7.97 2.08	110.10 -8.49 0.00	100.62 -7.59 0.00	96.45 -6.37 0.00	94.99 -5.73 0.00	80.68 -4.51 0.00	86.20 -6.12 1.72	114.47 -7.23 17.83	104.10 -7.53 18.22	83.14 -6.90 40.57	95.44 -8.57 3.89	104.01 -10.07 0.00	93.72 -8.52 2.82	80.36 -7.57 7.10	86.06 -8.09 12.23	94.96 -7.49 6.85
KEDC PORT_JEFF_GT2 24210	129.20 7.66 0.00	117.94 6.38 0.00	118.54 6.87 0.00	81.71 5.03 0.00	106.25 6.58 0.00	87.65 6.43 0.00	166.30 10.27 -27.73	186.89 11.17 -27.69	135.51 9.14 -11.41	127.39 8.65 -0.15	115.71 7.50 0.00	109.16 6.34 0.00	106.69 5.96 0.00	90.22 5.03 0.00	100.45 6.41 0.00	150.99 9.18 -2.28	141.61 10.13 -1.63	142.87 10.24 -2.01	120.20 9.32 -2.97	124.34 10.02 -0.24	125.42 8.58 -11.79	164.77 7.29 -62.44	163.98 8.56 -49.05	117.47 8.17 0.00
KEDC PORT_JEFF_GT3 24211	129.20 7.66 0.00	117.94 6.38 0.00	118.54 6.87 0.00	81.71 5.03 0.00	106.25 6.58 0.00	87.65 6.43 0.00	166.30 10.27 -27.73	186.89 11.17 -27.69	135.51 9.14 -11.41	127.39 8.65 -0.15	115.71 7.50 0.00	109.16 6.34 0.00	106.69 5.96 0.00	90.22 5.03 0.00	100.45 6.41 0.00	150.99 9.18 -2.28	141.61 10.13 -1.63	142.87 10.24 -2.01	120.20 9.32 -2.97	124.34 10.02 -0.24	125.42 8.58 -11.79	164.77 7.29 -62.44	163.98 8.56 -49.05	117.47 8.17 0.00
KEDC_GLWD_GT4 24219	127.37 5.84 0.00	116.38 4.83 0.00	116.65 4.98 0.00	80.37 3.69 0.00	104.47 4.80 0.00	85.87 4.64 0.00	136.08 7.78 0.00	157.09 9.06 0.00	122.29 7.33 0.00	126.09 7.50 0.00	115.01 6.80 0.00	108.77 5.95 0.00	106.32 5.60 0.00	89.71 4.52 0.00	99.25 5.20 0.00	146.98 7.45 0.00	137.97 8.12 0.00	139.04 8.43 0.00	118.34 7.46 -2.97	122.34 8.01 -0.24	123.39 6.55 -11.79	124.01 5.32 -23.65	118.89 5.85 -6.66	114.88 5.58 0.00
KEDC_GLWD_GT5 24220	127.37 5.84 0.00	116.38 4.83 0.00	116.65 4.98 0.00	80.37 3.69 0.00	104.47 4.80 0.00	85.87 4.64 0.00	136.08 7.78 0.00	157.09 9.06 0.00	122.29 7.33 0.00	126.09 7.50 0.00	115.01 6.80 0.00	108.77 5.95 0.00	106.32 5.60 0.00	89.71 4.52 0.00	99.25 5.20 0.00	146.98 7.45 0.00	137.97 8.12 0.00	139.04 8.43 0.00	118.34 7.46 -2.97	122.34 8.01 -0.24	123.39 6.55 -11.79	124.01 5.32 -23.65	118.89 5.85 -6.66	114.88 5.58 0.00
KENSICO____ 23655	125.97 4.44 0.00	115.08 3.52 0.00	115.28 3.61 0.00	79.42 2.74 0.00	103.23 3.56 0.00	84.66 3.43 0.00	134.38 6.08 0.00	155.50 7.46 0.00	120.76 5.80 0.00	124.65 6.06 0.00	113.53 5.32 0.00	107.46 4.64 0.00	105.01 4.28 0.00	88.49 3.30 0.00	97.76 3.72 0.00	144.89 5.36 0.00	135.85 6.00 0.00	137.05 6.44 0.00	113.59 5.68 0.00	120.24 6.16 0.00	109.92 4.86 0.00	98.84 3.81 0.00	110.52 4.14 0.00	113.19 3.88 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	127.04 5.50 0.00	116.23 4.67 0.00	116.33 4.66 0.00	80.10 3.42 0.00	104.17 4.50 0.00	85.31 4.08 0.00	135.74 7.44 0.00	157.01 8.98 0.00	121.70 6.74 0.00	125.58 6.99 0.00	114.31 6.09 0.00	108.20 5.37 0.00	105.54 4.82 0.00	89.09 3.90 0.00	98.36 4.32 0.00	146.23 6.70 0.00	137.16 7.31 0.00	138.50 7.88 0.00	114.74 6.82 0.00	121.48 7.39 0.00	111.10 6.04 0.00	99.86 4.83 0.00	111.50 5.12 0.00	114.16 4.86 0.00

KIAC_JFK_GT1 23816	124.99 3.46 0.00	114.31 2.75 0.00	114.42 2.75 0.00	79.14 2.46 0.00	102.80 3.13 0.00	84.47 3.25 0.00	134.01 5.71 0.00	155.59 7.56 0.00	120.70 5.74 0.00	124.51 5.92 0.00	112.92 4.71 0.00	107.00 4.18 0.00	104.51 3.78 0.00	87.96 2.77 0.00	97.08 3.03 0.00	144.22 4.69 0.00	135.46 5.61 0.00	136.91 6.30 0.00	113.19 5.28 0.00	119.26 5.18 0.00	108.91 3.85 0.00	97.79 2.76 0.00	109.71 3.33 0.00	112.22 2.92 0.00
KIAC_JFK_GT2 23817	124.99 3.46 0.00	114.31 2.75 0.00	114.42 2.75 0.00	79.14 2.46 0.00	102.80 3.13 0.00	84.47 3.25 0.00	134.01 5.71 0.00	155.59 7.56 0.00	120.70 5.74 0.00	124.51 5.92 0.00	112.92 4.71 0.00	107.00 4.18 0.00	104.51 3.78 0.00	87.96 2.77 0.00	97.08 3.03 0.00	144.22 4.69 0.00	135.46 5.61 0.00	136.91 6.30 0.00	113.19 5.28 0.00	119.26 5.18 0.00	108.91 3.85 0.00	97.79 2.76 0.00	109.71 3.33 0.00	112.22 2.92 0.00
KIAC_JFK____ 323774	124.99 3.45 0.00	114.30 2.74 0.00	114.41 2.75 0.00	79.14 2.47 0.00	102.80 3.13 0.00	84.47 3.25 0.00	134.01 5.71 0.00	155.59 7.56 0.00	120.72 5.76 0.00	124.51 5.92 0.00	112.92 4.71 0.00	107.00 4.18 0.00	104.51 3.78 0.00	87.96 2.77 0.00	97.07 3.02 0.00	144.23 4.69 0.00	135.44 5.59 0.00	136.89 6.27 0.00	113.19 5.27 0.00	119.23 5.15 0.00	108.90 3.84 0.00	97.78 2.76 0.00	109.69 3.31 0.00	112.23 2.93 0.00
KINTIGH__24_KV_GSU 356498	114.51 -7.02 0.00	103.93 -6.67 0.95	105.52 -6.15 0.00	70.55 -4.55 1.58	93.84 -5.82 0.00	74.28 -5.86 1.09	118.10 -10.21 0.00	135.97 -12.06 0.00	104.54 -8.97 1.46	109.24 -9.35 0.00	99.89 -8.33 0.00	95.66 -7.16 0.00	94.04 -6.68 0.00	79.84 -5.34 0.00	85.86 -6.98 1.20	117.90 -8.88 12.75	107.73 -9.10 13.03	92.74 -8.85 29.02	95.66 -9.47 2.78	103.16 -10.92 0.00	93.44 -9.60 2.02	81.48 -8.47 5.08	88.58 -9.05 8.75	95.84 -8.56 4.90
KINTIGH____ 23543	114.53 -7.00 0.00	104.81 -6.75 0.00	105.47 -6.20 0.00	72.10 -4.58 0.00	93.79 -5.88 0.00	75.33 -5.89 0.00	118.03 -10.27 0.00	135.89 -12.14 0.00	105.82 -9.14 0.00	109.17 -9.43 0.00	99.81 -8.39 0.00	95.61 -7.21 0.00	94.00 -6.72 0.00	79.81 -5.38 0.00	87.04 -7.01 0.00	130.50 -9.03 0.00	120.60 -9.25 0.00	121.61 -9.00 0.00	98.38 -9.53 0.00	103.09 -10.99 0.00	95.35 -9.71 0.00	86.47 -8.56 0.00	97.20 -9.18 0.00	100.63 -8.68 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	124.45 2.92 0.00	115.21 3.65 0.00	115.06 3.40 0.00	79.04 2.36 0.00	101.88 2.22 0.00	83.58 2.36 0.00	131.34 3.04 0.00	151.75 3.72 0.00	118.99 4.03 0.00	122.85 4.26 0.00	111.96 3.74 0.00	106.39 3.57 0.00	103.51 2.78 0.00	87.22 2.03 0.00	96.11 2.07 0.00	142.51 2.98 0.00	133.58 3.73 0.00	134.43 3.81 0.00	111.66 3.75 0.00	117.74 3.66 0.00	108.82 3.76 0.00	98.87 3.84 0.00	110.32 3.94 0.00	112.89 3.59 0.00
LACHUTE____HYDRO 323717	132.94 11.40 0.00	122.28 10.72 0.00	122.44 10.77 0.00	84.22 7.54 0.00	109.39 9.72 0.00	89.96 8.74 0.00	143.15 14.85 0.00	166.08 18.05 0.00	128.62 13.66 0.00	130.29 11.69 0.00	118.00 9.79 0.00	112.46 9.63 0.00	110.49 9.76 0.00	94.31 9.12 0.00	103.85 9.80 0.00	154.17 14.64 0.00	145.72 15.87 0.00	146.56 15.94 0.00	121.61 13.69 0.00	127.76 13.68 0.00	116.78 11.72 0.00	105.45 10.42 0.00	117.57 11.19 0.00	119.56 10.25 0.00
LAWRNCV_115KV_TB1 80681	123.20 1.67 0.00	113.30 1.74 0.00	113.36 1.69 0.00	77.73 1.05 0.00	100.32 0.65 0.00	81.99 0.76 0.00	127.95 -0.35 0.00	147.74 -0.28 0.00	115.05 0.09 0.00	118.69 0.09 0.00	108.52 0.31 0.00	103.39 0.56 0.00	101.40 0.67 0.00	85.64 0.45 0.00	94.49 0.45 0.00	139.75 0.22 0.00	129.29 -0.57 0.00	130.02 -0.59 0.00	107.57 -0.35 0.00	113.47 -0.61 0.00	105.11 0.05 0.00	95.98 0.94 0.00	107.77 1.38 0.00	110.70 1.40 0.00
LEDERLE____ 23769	125.45 3.92 0.00	114.60 3.04 0.00	114.78 3.12 0.00	79.04 2.36 0.00	102.77 3.10 0.00	84.24 3.02 0.00	133.84 5.54 0.00	154.86 6.83 0.00	120.17 5.21 0.00	124.05 5.46 0.00	113.00 4.79 0.00	106.95 4.12 0.00	104.46 3.73 0.00	88.03 2.84 0.00	97.23 3.19 0.00	144.20 4.67 0.00	135.17 5.33 0.00	136.38 5.76 0.00	113.05 5.13 0.00	119.77 5.68 0.00	109.51 4.45 0.00	98.45 3.42 0.00	110.02 3.64 0.00	112.70 3.40 0.00
LIGHTSE_115KV_TB6 355974	118.75 -2.78 0.00	108.82 -2.75 0.00	109.23 -2.44 0.00	74.65 -2.03 0.00	97.11 -2.56 0.00	79.14 -2.08 0.00	124.73 -3.57 0.00	144.39 -3.64 0.00	112.20 -2.76 0.00	115.88 -2.72 0.00	105.80 -2.41 0.00	100.42 -2.41 0.00	98.29 -2.44 0.00	83.10 -2.08 0.00	91.89 -2.16 0.00	136.53 -3.00 0.00	126.78 -3.07 0.00	127.90 -2.71 0.00	105.46 -2.45 0.00	111.51 -2.57 0.00	102.97 -2.09 0.00	93.63 -1.40 0.00	104.95 -1.43 0.00	107.21 -2.09 0.00
LINDEN COGEN____ 23786	125.44 3.91 0.00	114.54 2.98 0.00	114.72 3.05 0.00	79.08 2.40 0.00	102.76 3.09 0.00	84.37 3.15 0.00	134.09 5.79 0.00	155.33 7.30 0.00	120.65 5.69 0.00	124.61 6.02 0.00	113.37 5.16 0.00	107.31 4.49 0.00	104.87 4.14 0.00	88.32 3.13 0.00	97.51 3.47 0.00	144.57 5.04 0.00	135.59 5.73 0.00	136.88 6.26 0.00	113.40 5.49 0.00	120.05 5.97 0.00	109.66 4.60 0.00	98.58 3.55 0.00	110.24 3.86 0.00	112.83 3.53 0.00
LINDHRST_69_KV_BK1 356055	129.64 8.10 0.00	118.35 6.79 0.00	118.79 7.12 0.00	81.84 5.16 0.00	106.39 6.72 0.00	87.71 6.49 0.00	140.26 10.37 -1.59	162.01 11.62 -2.36	125.14 9.46 -0.72	127.94 9.31 -0.04	116.46 8.24 0.00	109.89 7.06 0.00	107.44 6.72 0.00	90.78 5.60 0.00	100.87 6.82 0.00	150.00 9.91 -0.56	141.19 10.94 -0.40	142.29 11.18 -0.49	120.88 10.00 -2.97	125.08 10.75 -0.24	125.88 9.04 -11.79	128.39 7.59 -25.76	123.96 8.61 -8.97	117.54 8.24 0.00
LIPA_MISC_IPP 23656	129.10 7.56 0.00	117.88 6.32 0.00	118.44 6.77 0.00	81.66 4.98 0.00	106.20 6.53 0.00	87.65 6.42 0.00	164.50 10.34 -25.86	186.29 11.12 -27.14	134.76 9.05 -10.75	127.23 8.45 -0.19	115.37 7.16 0.00	108.79 5.97 0.00	106.32 5.59 0.00	89.95 4.76 0.00	100.27 6.22 0.00	151.20 8.75 -2.92	141.63 9.69 -2.09	142.94 9.75 -2.57	119.69 8.81 -2.97	123.85 9.52 -0.24	125.17 8.33 -11.79	160.87 7.15 -58.69	159.81 8.48 -44.95	117.32 8.01 0.00
LISF____SOLAR 323691	129.44 7.90 0.00	118.14 6.57 0.00	118.75 7.08 0.00	81.86 5.19 0.00	106.46 6.79 0.00	87.88 6.66 0.00	164.70 10.73 -25.68	186.35 11.51 -26.80	134.97 9.34 -10.66	127.47 8.69 -0.18	115.51 7.30 0.00	108.91 6.09 0.00	106.43 5.71 0.00	90.07 4.88 0.00	100.44 6.40 0.00	151.54 9.17 -2.84	141.93 10.05 -2.03	143.20 10.09 -2.50	120.00 9.12 -2.97	124.18 9.86 -0.24	125.46 8.62 -11.79	160.76 7.42 -58.30	159.68 8.78 -44.52	117.67 8.37 0.00
LITTLE FALLS____HYD 24013	129.75 8.21 0.00	118.90 7.34 0.00	118.90 7.23 0.00	81.80 5.12 0.00	106.50 6.83 0.00	87.07 5.85 0.00	138.05 9.75 0.00	159.77 11.74 0.00	123.17 8.21 0.00	125.44 6.84 0.00	114.31 6.09 0.00	108.26 5.44 0.00	105.81 5.08 0.00	89.78 4.59 0.00	99.70 5.66 0.00	148.62 9.08 0.00	138.92 9.06 0.00	139.91 9.30 0.00	115.78 7.87 0.00	122.47 8.39 0.00	112.36 7.30 0.00	101.64 6.61 0.00	113.59 7.21 0.00	116.39 7.09 0.00

LITTLRIV_115KV_TB1 356100	124.62 3.08 0.00	114.80 3.24 0.00	114.87 3.21 0.00	78.80 2.13 0.00	101.65 1.98 0.00	82.99 1.76 0.00	129.58 1.28 0.00	149.78 1.75 0.00	116.55 1.59 0.00	120.20 1.60 0.00	109.82 1.61 0.00	104.55 1.73 0.00	102.54 1.82 0.00	86.61 1.42 0.00	95.59 1.54 0.00	141.49 1.96 0.00	131.12 1.27 0.00	131.92 1.30 0.00	109.14 1.23 0.00	115.03 0.95 0.00	106.57 1.51 0.00	97.26 2.23 0.00	109.03 2.65 0.00	111.92 2.62 0.00
LI_NEWBRDGE___DRP 323616	126.94 5.40 0.00	116.07 4.51 0.00	116.47 4.80 0.00	80.27 3.59 0.00	104.33 4.66 0.00	85.90 4.68 0.00	135.76 7.46 0.00	156.34 8.31 0.00	121.84 6.88 0.00	125.46 6.87 0.00	114.37 6.16 0.00	108.05 5.23 0.00	105.66 4.93 0.00	89.23 4.04 0.00	98.96 4.91 0.00	146.26 6.73 0.00	137.51 7.66 0.00	138.41 7.79 0.00	118.02 7.14 -2.97	122.02 7.70 -0.24	123.11 6.27 -11.79	123.82 5.13 -23.65	119.02 5.98 -6.66	114.93 5.62 0.00
LOCKPORT_115KV_TB60_63_64 80432	114.39 -7.15 0.00	104.40 -7.16 0.00	104.87 -6.79 0.00	71.73 -4.95 0.00	93.31 -6.36 0.00	74.54 -6.68 0.00	116.01 -12.29 0.00	133.51 -14.52 0.00	103.95 -11.01 0.00	107.10 -11.49 0.00	97.83 -10.37 0.00	93.81 -9.02 0.00	92.26 -8.47 0.00	78.48 -6.71 0.00	85.57 -8.48 0.00	128.55 -10.98 0.00	118.80 -11.05 0.00	120.51 -10.11 0.00	96.58 -11.34 0.00	100.78 -13.30 0.00	93.32 -11.74 0.00	84.97 -10.06 0.00	95.70 -10.68 0.00	99.50 -9.80 0.00
LOCKPORT___CC1 323769	113.80 -7.73 0.00	102.77 -7.71 1.08	104.40 -7.27 0.00	69.55 -5.34 1.79	92.83 -6.84 0.00	72.95 -7.05 1.23	115.48 -12.82 0.00	132.87 -15.16 0.00	101.93 -11.39 1.64	106.63 -11.97 0.00	97.45 -10.76 0.00	93.44 -9.38 0.00	91.90 -8.82 0.00	78.17 -7.02 0.00	83.77 -8.91 1.36	113.80 -11.44 14.29	103.78 -11.46 14.60	87.53 -10.56 32.53	93.03 -11.77 3.12	100.37 -13.71 0.00	90.70 -12.10 2.26	78.92 -10.42 5.69	85.50 -11.07 9.81	93.56 -10.25 5.49
LOCKPORT___CC2 323770	113.80 -7.73 0.00	102.77 -7.71 1.08	104.40 -7.27 0.00	69.55 -5.34 1.79	92.83 -6.84 0.00	72.95 -7.05 1.23	115.48 -12.82 0.00	132.87 -15.16 0.00	101.93 -11.39 1.64	106.63 -11.97 0.00	97.45 -10.76 0.00	93.44 -9.38 0.00	91.90 -8.82 0.00	78.17 -7.02 0.00	83.77 -8.91 1.36	113.80 -11.44 14.29	103.78 -11.46 14.60	87.53 -10.56 32.53	93.03 -11.77 3.12	100.37 -13.71 0.00	90.70 -12.10 2.26	78.92 -10.42 5.69	85.50 -11.07 9.81	93.56 -10.25 5.49
LOCKPORT___CC3 323771	113.80 -7.73 0.00	102.77 -7.71 1.08	104.40 -7.27 0.00	69.55 -5.34 1.79	92.83 -6.84 0.00	72.95 -7.05 1.23	115.48 -12.82 0.00	132.87 -15.16 0.00	101.93 -11.39 1.64	106.63 -11.97 0.00	97.45 -10.76 0.00	93.44 -9.38 0.00	91.90 -8.82 0.00	78.17 -7.02 0.00	83.77 -8.91 1.36	113.80 -11.44 14.29	103.78 -11.46 14.60	87.53 -10.56 32.53	93.03 -11.77 3.12	100.37 -13.71 0.00	90.70 -12.10 2.26	78.92 -10.42 5.69	85.50 -11.07 9.81	93.56 -10.25 5.49
LOCUSVLY_69_KV_BK2 55797	128.00 6.46 0.00	116.93 5.37 0.00	117.33 5.66 0.00	80.83 4.15 0.00	105.08 5.42 0.00	86.47 5.25 0.00	136.87 8.57 0.00	156.53 9.64 1.14	122.75 7.89 0.10	126.52 7.96 0.04	115.39 7.18 0.00	109.10 6.28 0.00	106.66 5.93 0.00	90.05 4.86 0.00	99.79 5.75 0.00	146.96 8.06 0.62	138.22 8.81 0.44	139.15 9.09 0.55	119.05 8.17 -2.97	123.11 8.79 -0.24	124.08 7.24 -11.79	124.66 5.97 -23.65	119.77 6.72 -6.66	115.68 6.38 0.00
LONG_LAKE_PHOENIX 24014	117.31 -4.22 0.00	107.68 -3.88 0.00	107.90 -3.77 0.00	74.14 -2.54 0.00	96.46 -3.21 0.00	78.51 -2.72 0.00	124.24 -4.06 0.00	143.45 -4.58 0.00	111.41 -3.55 0.00	114.92 -3.68 0.00	104.86 -3.36 0.00	99.64 -3.18 0.00	97.60 -3.13 0.00	82.58 -2.61 0.00	91.02 -3.02 0.00	135.32 -4.21 0.00	125.86 -3.99 0.00	126.81 -3.81 0.00	104.49 -3.42 0.00	110.22 -3.86 0.00	101.43 -3.63 0.00	91.68 -3.35 0.00	102.72 -3.66 0.00	105.66 -3.64 0.00
LOVETT___3 23632	124.77 3.23 0.00	114.00 2.45 0.00	114.21 2.55 0.00	78.65 1.97 0.00	102.26 2.59 0.00	83.81 2.59 0.00	133.09 4.79 0.00	153.89 5.86 0.00	119.48 4.52 0.00	123.33 4.74 0.00	112.33 4.11 0.00	106.33 3.51 0.00	103.86 3.13 0.00	87.50 2.31 0.00	96.66 2.62 0.00	143.30 3.76 0.00	134.32 4.47 0.00	135.58 4.97 0.00	112.35 4.44 0.00	119.00 4.92 0.00	108.82 3.77 0.00	97.85 2.82 0.00	109.37 2.99 0.00	112.08 2.78 0.00
LOVETT___4 23642	124.77 3.23 0.00	114.00 2.45 0.00	114.21 2.55 0.00	78.65 1.97 0.00	102.26 2.59 0.00	83.81 2.59 0.00	133.09 4.79 0.00	153.89 5.86 0.00	119.48 4.52 0.00	123.33 4.74 0.00	112.33 4.11 0.00	106.33 3.51 0.00	103.86 3.13 0.00	87.50 2.31 0.00	96.66 2.62 0.00	143.30 3.76 0.00	134.32 4.47 0.00	135.58 4.97 0.00	112.35 4.44 0.00	119.00 4.92 0.00	108.82 3.77 0.00	97.85 2.82 0.00	109.37 2.99 0.00	112.08 2.78 0.00
LOVETT___5 23593	124.77 3.23 0.00	114.00 2.45 0.00	114.21 2.55 0.00	78.65 1.97 0.00	102.26 2.59 0.00	83.81 2.59 0.00	133.09 4.79 0.00	153.89 5.86 0.00	119.48 4.52 0.00	123.33 4.74 0.00	112.33 4.11 0.00	106.33 3.51 0.00	103.86 3.13 0.00	87.50 2.31 0.00	96.66 2.62 0.00	143.30 3.76 0.00	134.32 4.47 0.00	135.58 4.97 0.00	112.35 4.44 0.00	119.00 4.92 0.00	108.82 3.77 0.00	97.85 2.82 0.00	109.37 2.99 0.00	112.08 2.78 0.00
LOWER RAQUET___HYD 24057	123.08 1.55 0.00	113.24 1.68 0.00	113.33 1.66 0.00	77.67 0.99 0.00	100.14 0.48 0.00	81.81 0.59 0.00	127.47 -0.83 0.00	147.27 -0.76 0.00	114.58 -0.38 0.00	118.29 -0.31 0.00	108.24 0.03 0.00	103.11 0.28 0.00	101.12 0.40 0.00	85.36 0.17 0.00	94.13 0.09 0.00	139.12 -0.41 0.00	128.74 -1.12 0.00	129.52 -1.10 0.00	107.15 -0.77 0.00	113.03 -1.06 0.00	104.75 -0.30 0.00	95.66 0.63 0.00	107.54 1.16 0.00	110.41 1.11 0.00
LOWER___HUDSON 24059	127.24 5.70 0.00	116.87 5.31 0.00	116.95 5.29 0.00	80.36 3.69 0.00	104.51 4.84 0.00	85.14 3.92 0.00	134.48 6.18 0.00	155.23 7.20 0.00	120.50 5.54 0.00	124.01 5.42 0.00	113.03 4.81 0.00	107.34 4.52 0.00	105.17 4.45 0.00	88.87 3.68 0.00	98.03 3.99 0.00	145.11 5.58 0.00	135.26 5.41 0.00	136.10 5.48 0.00	112.51 4.59 0.00	118.94 4.86 0.00	109.31 4.25 0.00	98.94 3.91 0.00	110.74 4.36 0.00	113.47 4.17 0.00
LOWVILLE_115KV_TB2 356335	121.62 0.09 0.00	111.54 -0.02 0.00	112.38 0.71 0.00	75.95 -0.73 0.00	98.57 -1.09 0.00	80.63 -0.59 0.00	126.63 -1.67 0.00	146.75 -1.28 0.00	114.06 -0.90 0.00	117.83 -0.77 0.00	107.53 -0.68 0.00	102.13 -0.69 0.00	99.92 -0.81 0.00	84.66 -0.52 0.00	94.09 0.04 0.00	139.60 0.07 0.00	129.26 -0.59 0.00	131.15 0.54 0.00	108.05 0.13 0.00	113.96 -0.12 0.00	106.66 1.60 0.00	97.07 2.04 0.00	108.92 2.54 0.00	110.11 0.81 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	128.88 7.34 0.00	118.47 6.91 0.00	118.54 6.88 0.00	81.45 4.77 0.00	105.96 6.29 0.00	86.48 5.26 0.00	136.80 8.50 0.00	157.98 9.95 0.00	122.52 7.56 0.00	125.90 7.30 0.00	114.64 6.42 0.00	108.84 6.02 0.00	106.68 5.95 0.00	90.30 5.11 0.00	99.67 5.63 0.00	147.79 8.26 0.00	137.97 8.12 0.00	138.82 8.20 0.00	114.65 6.73 0.00	121.13 7.05 0.00	111.23 6.18 0.00	100.58 5.55 0.00	112.45 6.07 0.00	115.17 5.86 0.00

LUTHERNY_35_KV_BK2 355980	128.98 7.45 0.00	118.60 7.04 0.00	118.57 6.90 0.00	81.47 4.79 0.00	105.99 6.32 0.00	86.63 5.41 0.00	136.86 8.57 0.00	158.08 10.05 0.00	122.61 7.65 0.00	125.92 7.32 0.00	114.71 6.49 0.00	108.87 6.05 0.00	106.70 5.98 0.00	90.34 5.15 0.00	99.72 5.68 0.00	147.90 8.37 0.00	138.08 8.23 0.00	138.96 8.34 0.00	114.72 6.81 0.00	121.24 7.16 0.00	111.31 6.26 0.00	100.63 5.59 0.00	112.53 6.15 0.00	115.23 5.92 0.00
LWR___OSWEGATCHIE_HYD 23850	121.98 0.45 0.00	112.04 0.48 0.00	112.51 0.84 0.00	76.62 -0.06 0.00	99.09 -0.57 0.00	81.03 -0.20 0.00	126.74 -1.56 0.00	146.65 -1.38 0.00	114.09 -0.87 0.00	117.80 -0.80 0.00	107.66 -0.55 0.00	102.46 -0.36 0.00	100.37 -0.36 0.00	84.77 -0.41 0.00	93.74 -0.30 0.00	138.75 -0.78 0.00	128.01 -1.85 0.00	129.31 -1.30 0.00	106.81 -1.11 0.00	112.72 -1.36 0.00	104.80 -0.26 0.00	95.69 0.65 0.00	107.87 1.50 0.00	109.99 0.69 0.00
LYONS_FALL_HYD 23570	122.91 1.37 0.00	112.72 1.15 0.00	113.30 1.63 0.00	77.03 0.36 0.00	100.08 0.41 0.00	81.81 0.59 0.00	128.84 0.54 0.00	149.19 1.16 0.00	115.88 0.92 0.00	119.70 1.10 0.00	109.17 0.95 0.00	103.67 0.85 0.00	101.48 0.75 0.00	85.94 0.75 0.00	95.23 1.19 0.00	141.39 1.86 0.00	131.13 1.28 0.00	132.70 2.08 0.00	109.37 1.45 0.00	115.38 1.30 0.00	107.29 2.23 0.00	97.34 2.31 0.00	109.07 2.69 0.00	110.87 1.56 0.00
MADISON___COUNTY_LFGE 323628	124.64 3.10 0.00	114.36 2.80 0.00	114.72 3.05 0.00	78.69 2.01 0.00	102.39 2.72 0.00	83.55 2.33 0.00	132.25 3.95 0.00	152.91 4.88 0.00	118.73 3.77 0.00	122.50 3.90 0.00	111.75 3.54 0.00	106.03 3.21 0.00	103.82 3.09 0.00	87.90 2.71 0.00	97.01 2.97 0.00	144.27 4.74 0.00	133.98 4.12 0.00	135.00 4.38 0.00	111.25 3.33 0.00	117.14 3.06 0.00	107.93 2.87 0.00	97.43 2.40 0.00	109.01 2.63 0.00	111.74 2.44 0.00
MALONE___115KV_TB1 356076	123.49 1.96 0.00	113.87 2.31 0.00	113.78 2.11 0.00	78.14 1.46 0.00	100.78 1.11 0.00	82.49 1.27 0.00	129.36 1.06 0.00	149.47 1.44 0.00	116.78 1.82 0.00	120.77 2.17 0.00	110.37 2.16 0.00	105.19 2.37 0.00	103.31 2.59 0.00	87.47 2.28 0.00	96.34 2.29 0.00	142.53 3.00 0.00	133.45 3.60 0.00	134.28 3.67 0.00	111.25 3.33 0.00	117.21 3.13 0.00	108.46 3.40 0.00	98.59 3.56 0.00	110.21 3.83 0.00	112.86 3.56 0.00
MAPLEWOD_115KV_TB3 80458	126.92 5.39 0.00	116.56 5.00 0.00	116.66 4.99 0.00	80.15 3.47 0.00	104.26 4.59 0.00	84.90 3.68 0.00	133.95 5.65 0.00	154.66 6.63 0.00	120.02 5.06 0.00	123.64 5.04 0.00	112.85 4.64 0.00	107.13 4.31 0.00	104.97 4.25 0.00	88.69 3.50 0.00	97.68 3.64 0.00	144.41 4.88 0.00	134.48 4.63 0.00	135.27 4.66 0.00	111.90 3.99 0.00	118.25 4.18 0.00	108.76 3.71 0.00	98.50 3.47 0.00	110.47 4.09 0.00	113.29 3.99 0.00
MAPLE_RIDGE_WT_1 323574	119.76 -1.77 0.00	110.26 -1.30 0.00	109.81 -1.85 0.00	74.73 -1.95 0.00	97.22 -2.44 0.00	79.21 -2.01 0.00	124.25 -4.05 0.00	143.24 -4.79 0.00	111.63 -3.33 0.00	115.37 -3.22 0.00	105.28 -2.93 0.00	100.34 -2.48 0.00	98.20 -2.53 0.00	83.33 -1.86 0.00	92.49 -1.56 0.00	136.75 -2.78 0.00	127.42 -2.43 0.00	127.99 -2.63 0.00	105.89 -2.02 0.00	112.20 -1.88 0.00	104.61 -0.45 0.00	94.50 -0.53 0.00	105.76 -0.62 0.00	108.62 -0.69 0.00
MAPLE_RIDGE_WT_2 323611	119.76 -1.77 0.00	110.26 -1.30 0.00	109.81 -1.85 0.00	74.73 -1.95 0.00	97.22 -2.44 0.00	79.21 -2.01 0.00	124.25 -4.05 0.00	143.24 -4.79 0.00	111.63 -3.33 0.00	115.37 -3.22 0.00	105.28 -2.93 0.00	100.34 -2.48 0.00	98.20 -2.53 0.00	83.33 -1.86 0.00	92.49 -1.56 0.00	136.75 -2.78 0.00	127.42 -2.43 0.00	127.99 -2.63 0.00	105.89 -2.02 0.00	112.20 -1.88 0.00	104.61 -0.45 0.00	94.50 -0.53 0.00	105.76 -0.62 0.00	108.62 -0.69 0.00
MARBLE_RIVER_WT_PWR 323696	119.97 -1.57 0.00	110.57 -0.99 0.00	110.41 -1.26 0.00	75.85 -0.83 0.00	98.16 -1.51 0.00	80.25 -0.97 0.00	126.39 -1.91 0.00	145.78 -2.25 0.00	113.48 -1.48 0.00	117.25 -1.34 0.00	107.10 -1.11 0.00	102.11 -0.71 0.00	100.28 -0.45 0.00	85.11 -0.08 0.00	94.17 0.12 0.00	139.50 -0.04 0.00	130.03 0.17 0.00	130.70 0.09 0.00	108.56 0.65 0.00	115.05 0.97 0.00	106.45 1.39 0.00	96.72 1.69 0.00	108.06 1.68 0.00	110.69 1.39 0.00
MARSHVLE_115KV_TB1 80742	123.07 1.53 0.00	112.95 1.38 0.00	112.91 1.24 0.00	77.51 0.83 0.00	100.77 1.10 0.00	82.22 1.00 0.00	130.18 1.88 0.00	150.60 2.57 0.00	116.20 1.24 0.00	119.39 0.80 0.00	109.37 1.16 0.00	103.89 1.06 0.00	101.58 0.85 0.00	86.06 0.87 0.00	95.50 1.45 0.00	142.29 2.76 0.00	132.65 2.80 0.00	133.81 3.19 0.00	110.16 2.24 0.00	116.38 2.30 0.00	107.13 2.08 0.00	97.05 2.03 0.00	108.41 2.03 0.00	111.32 2.01 0.00
MARSH_HILL_WT_PWR 323713	110.14 -11.39 0.00	102.31 -9.63 -0.38	103.09 -8.58 0.00	70.49 -6.82 -0.63	90.33 -9.34 0.00	73.06 -8.59 -0.43	114.30 -14.00 0.00	132.76 -15.26 0.00	104.13 -11.41 -0.58	106.80 -11.79 0.00	97.79 -10.42 0.00	92.32 -10.51 0.00	90.49 -10.23 0.00	77.61 -7.58 0.00	85.92 -8.61 -0.48	130.65 -8.88 0.00	122.14 -7.71 0.00	123.68 -6.94 0.00	100.91 -7.01 0.00	106.15 -7.93 0.00	97.66 -7.40 0.00	88.25 -6.78 0.00	98.98 -7.40 0.00	103.20 -6.11 0.00
MCINTYRE_115KV_TB2 80467	125.74 4.20 0.00	115.62 4.06 0.00	115.64 3.97 0.00	79.43 2.75 0.00	102.57 2.90 0.00	83.84 2.62 0.00	131.34 3.03 0.00	151.84 3.81 0.00	118.10 3.14 0.00	121.69 3.10 0.00	111.06 2.85 0.00	105.69 2.87 0.00	103.66 2.93 0.00	87.63 2.45 0.00	96.81 2.76 0.00	143.43 3.90 0.00	133.13 3.28 0.00	133.88 3.26 0.00	110.76 2.84 0.00	116.71 2.62 0.00	108.08 3.03 0.00	98.55 3.52 0.00	110.19 3.81 0.00	113.09 3.79 0.00
MECO_____69_KV_BK1 80468	127.35 5.82 0.00	116.81 5.25 0.00	116.81 5.14 0.00	80.18 3.50 0.00	104.34 4.67 0.00	85.18 3.96 0.00	135.11 6.81 0.00	156.50 8.48 0.00	120.76 5.80 0.00	123.82 5.22 0.00	112.91 4.69 0.00	106.84 4.01 0.00	104.24 3.51 0.00	88.43 3.25 0.00	98.57 4.53 0.00	147.02 7.49 0.00	137.40 7.55 0.00	138.58 7.96 0.00	114.13 6.21 0.00	120.51 6.43 0.00	110.77 5.71 0.00	100.11 5.07 0.00	111.72 5.34 0.00	114.53 5.22 0.00
MENANDS___115KV_TB5 355628	126.54 5.01 0.00	116.22 4.66 0.00	116.33 4.66 0.00	79.93 3.25 0.00	103.96 4.30 0.00	84.64 3.42 0.00	133.48 5.18 0.00	154.06 6.04 0.00	119.60 4.64 0.00	123.23 4.63 0.00	112.54 4.33 0.00	106.85 4.03 0.00	104.67 3.94 0.00	88.40 3.21 0.00	97.22 3.17 0.00	143.65 4.12 0.00	133.75 3.90 0.00	134.49 3.87 0.00	111.29 3.37 0.00	117.66 3.57 0.00	108.24 3.18 0.00	98.03 3.00 0.00	110.08 3.70 0.00	112.94 3.64 0.00
MG INDUSTRY___DRP 24185	126.10 4.57 0.00	115.91 4.35 0.00	116.07 4.40 0.00	79.74 3.06 0.00	103.70 4.03 0.00	84.35 3.13 0.00	133.03 4.73 0.00	153.28 5.25 0.00	118.73 3.77 0.00	122.07 3.48 0.00	111.39 3.18 0.00	105.78 2.96 0.00	103.66 2.93 0.00	87.68 2.49 0.00	96.53 2.48 0.00	143.15 3.62 0.00	133.31 3.46 0.00	134.02 3.41 0.00	110.86 2.94 0.00	117.24 3.16 0.00	107.88 2.82 0.00	97.66 2.63 0.00	109.61 3.23 0.00	112.60 3.30 0.00

MID___OSWEGATCHIE_HYD 23849	121.98 0.45 0.00	112.04 0.48 0.00	112.51 0.84 0.00	76.62 -0.06 0.00	99.09 -0.57 0.00	81.03 -0.20 0.00	126.74 -1.56 0.00	146.65 -1.38 0.00	114.09 -0.87 0.00	117.80 -0.80 0.00	107.66 -0.55 0.00	102.46 -0.36 0.00	100.37 -0.36 0.00	84.77 -0.41 0.00	93.74 -0.30 0.00	138.75 -0.78 0.00	128.01 -1.85 0.00	129.31 -1.30 0.00	106.81 -1.11 0.00	112.72 -1.36 0.00	104.80 -0.26 0.00	95.69 0.65 0.00	107.87 1.50 0.00	109.99 0.69 0.00
MID___RAQUETTE_HYD 23851	123.08 1.55 0.00	113.24 1.68 0.00	113.33 1.66 0.00	77.65 0.97 0.00	100.14 0.47 0.00	81.81 0.59 0.00	127.47 -0.83 0.00	147.26 -0.76 0.00	114.63 -0.34 0.00	118.29 -0.31 0.00	108.24 0.03 0.00	103.10 0.28 0.00	101.12 0.39 0.00	85.35 0.16 0.00	94.11 0.06 0.00	139.12 -0.41 0.00	128.77 -1.09 0.00	129.53 -1.08 0.00	107.14 -0.78 0.00	113.03 -1.06 0.00	104.74 -0.32 0.00	95.66 0.63 0.00	107.53 1.16 0.00	110.44 1.14 0.00
MILLIKEN___1 23584	122.13 0.60 0.00	112.00 0.44 0.00	112.18 0.52 0.00	76.88 0.20 0.00	100.10 0.43 0.00	81.41 0.18 0.00	129.23 0.93 0.00	149.40 1.37 0.00	115.87 0.91 0.00	119.31 0.71 0.00	108.90 0.69 0.00	103.43 0.61 0.00	101.15 0.42 0.00	85.18 -0.01 0.00	93.98 -0.07 0.00	140.42 0.88 0.00	131.09 1.24 0.00	132.04 1.42 0.00	108.76 0.85 0.00	114.80 0.72 0.00	105.37 0.32 0.00	95.24 0.21 0.00	106.56 0.18 0.00	109.58 0.27 0.00
MILLIKEN___2 23585	122.13 0.60 0.00	112.00 0.44 0.00	112.18 0.52 0.00	76.88 0.20 0.00	100.10 0.43 0.00	81.41 0.18 0.00	129.23 0.93 0.00	149.40 1.37 0.00	115.87 0.91 0.00	119.31 0.71 0.00	108.90 0.69 0.00	103.43 0.61 0.00	101.15 0.42 0.00	85.18 -0.01 0.00	93.98 -0.07 0.00	140.42 0.88 0.00	131.09 1.24 0.00	132.04 1.42 0.00	108.76 0.85 0.00	114.80 0.72 0.00	105.37 0.32 0.00	95.24 0.21 0.00	106.56 0.18 0.00	109.58 0.27 0.00
MILLIKEN___DIESEL 23629	122.13 0.60 0.00	112.00 0.44 0.00	112.18 0.52 0.00	76.88 0.20 0.00	100.10 0.43 0.00	81.41 0.18 0.00	129.23 0.93 0.00	149.40 1.37 0.00	115.87 0.91 0.00	119.31 0.71 0.00	108.90 0.69 0.00	103.43 0.61 0.00	101.15 0.42 0.00	85.18 -0.01 0.00	93.98 -0.07 0.00	140.42 0.88 0.00	131.09 1.24 0.00	132.04 1.42 0.00	108.76 0.85 0.00	114.80 0.72 0.00	105.37 0.32 0.00	95.24 0.21 0.00	106.56 0.18 0.00	109.58 0.27 0.00
MILLSEAT___LFGE 323607	117.27 -4.26 0.00	106.11 -4.47 0.98	107.55 -4.11 0.00	71.92 -3.13 1.63	95.80 -3.87 0.00	75.75 -4.36 1.12	120.24 -8.06 0.00	138.69 -9.34 0.00	106.56 -6.90 1.50	110.96 -7.63 0.00	101.14 -7.07 0.00	96.37 -6.45 0.00	94.36 -6.37 0.00	80.28 -4.91 0.00	85.96 -6.84 1.24	119.20 -7.27 13.06	109.72 -6.79 13.34	95.10 -5.79 29.72	97.49 -7.57 2.85	104.55 -9.53 0.00	93.68 -9.31 2.06	81.76 -8.07 5.20	88.75 -8.67 8.96	96.45 -7.84 5.02
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	125.66 4.12 0.00	114.83 3.27 0.00	115.01 3.34 0.00	79.21 2.54 0.00	102.97 3.30 0.00	84.41 3.19 0.00	134.00 5.70 0.00	155.01 6.98 0.00	120.33 5.36 0.00	124.25 5.66 0.00	113.13 4.91 0.00	107.10 4.28 0.00	104.64 3.91 0.00	88.20 3.01 0.00	97.41 3.37 0.00	144.40 4.87 0.00	135.36 5.51 0.00	136.57 5.96 0.00	113.18 5.26 0.00	119.85 5.77 0.00	109.58 4.53 0.00	98.56 3.53 0.00	110.19 3.81 0.00	112.87 3.57 0.00
MILLWOOD_13_KV_LOAD 356217	125.97 4.44 0.00	115.11 3.55 0.00	115.31 3.64 0.00	79.42 2.74 0.00	103.26 3.59 0.00	84.64 3.41 0.00	134.38 6.08 0.00	155.47 7.44 0.00	120.68 5.72 0.00	124.54 5.95 0.00	113.44 5.23 0.00	107.37 4.55 0.00	104.90 4.17 0.00	88.41 3.22 0.00	97.67 3.63 0.00	144.83 5.30 0.00	135.78 5.93 0.00	137.04 6.43 0.00	113.54 5.63 0.00	120.20 6.12 0.00	109.92 4.86 0.00	98.84 3.81 0.00	110.45 4.08 0.00	113.17 3.86 0.00
MODEL_CITY_ENERGY 24167	113.77 -7.76 0.00	102.75 -7.68 1.14	104.33 -7.34 0.00	69.48 -5.32 1.88	92.83 -6.84 0.00	72.75 -7.18 1.29	115.01 -13.29 0.00	132.29 -15.74 0.00	101.43 -11.80 1.73	106.20 -12.39 0.00	97.05 -11.16 0.00	93.18 -9.64 0.00	91.65 -9.07 0.00	78.01 -7.18 0.00	83.58 -9.03 1.43	112.59 -11.92 15.02	102.49 -12.01 15.35	85.39 -11.04 34.18	92.42 -12.22 3.28	99.86 -14.22 0.00	90.21 -12.47 2.37	78.49 -10.56 5.98	84.92 -11.15 10.31	93.28 -10.25 5.77
MODERN_LFGE___ 323580	113.77 -7.76 0.00	102.75 -7.68 1.14	104.33 -7.34 0.00	69.48 -5.32 1.88	92.83 -6.84 0.00	72.75 -7.18 1.29	115.01 -13.29 0.00	132.29 -15.74 0.00	101.43 -11.80 1.73	106.20 -12.39 0.00	97.05 -11.16 0.00	93.18 -9.64 0.00	91.65 -9.07 0.00	78.01 -7.18 0.00	83.58 -9.03 1.43	112.59 -11.92 15.02	102.49 -12.01 15.35	85.39 -11.04 34.18	92.42 -12.22 3.28	99.86 -14.22 0.00	90.21 -12.47 2.37	78.49 -10.56 5.98	84.92 -11.15 10.31	93.28 -10.25 5.77
MOHAWK_PAPER___DRP 24187	126.92 5.39 0.00	116.56 5.00 0.00	116.66 4.99 0.00	80.15 3.47 0.00	104.26 4.59 0.00	84.90 3.68 0.00	133.95 5.65 0.00	154.66 6.63 0.00	120.02 5.06 0.00	123.64 5.04 0.00	112.85 4.64 0.00	107.13 4.31 0.00	104.97 4.25 0.00	88.69 3.50 0.00	97.68 3.64 0.00	144.41 4.88 0.00	134.48 4.63 0.00	135.27 4.66 0.00	111.90 3.99 0.00	118.25 4.18 0.00	108.76 3.71 0.00	98.50 3.47 0.00	110.47 4.09 0.00	113.29 3.99 0.00
MOHICAN___35_KV_115KV_LD 80490	130.66 9.12 0.00	120.17 8.61 0.00	120.31 8.64 0.00	82.68 6.01 0.00	107.58 7.91 0.00	87.92 6.70 0.00	139.43 11.13 0.00	161.32 13.29 0.00	125.15 10.19 0.00	128.19 9.59 0.00	116.62 8.41 0.00	110.80 7.97 0.00	108.63 7.90 0.00	92.03 6.84 0.00	101.54 7.49 0.00	150.56 11.03 0.00	140.84 10.99 0.00	141.63 11.02 0.00	117.11 9.19 0.00	123.52 9.44 0.00	113.28 8.22 0.00	102.47 7.44 0.00	114.39 8.01 0.00	116.90 7.60 0.00
MONGAUP___HYD 23641	126.77 5.23 0.00	116.08 4.42 -0.10	116.10 4.43 0.00	80.03 3.18 -0.17	103.87 4.20 0.00	85.11 3.77 -0.12	134.99 6.69 0.00	156.13 8.10 0.00	121.15 6.04 -0.16	124.14 5.55 0.00	112.63 4.42 0.00	106.51 3.69 0.00	104.00 3.28 0.00	87.63 2.44 0.00	97.40 3.23 -0.13	144.87 5.33 0.00	136.18 6.33 0.00	137.62 7.01 0.00	114.04 6.12 0.00	120.70 6.62 0.00	110.52 5.46 0.00	99.48 4.45 0.00	111.15 4.77 0.00	113.84 4.54 0.00
MONTAUK___DIESEL 23721	127.68 6.14 0.00	116.45 4.89 0.00	117.11 5.44 0.00	80.79 4.11 0.00	105.15 5.48 0.00	87.01 5.78 0.00	163.83 9.72 -25.82	185.30 10.24 -27.03	133.90 8.21 -10.73	125.89 7.12 -0.18	113.73 5.52 0.00	107.16 4.34 0.00	104.81 4.09 0.00	88.65 3.46 0.00	99.06 5.02 0.00	149.76 7.35 -2.88	140.77 8.86 -2.06	141.87 8.72 -2.54	118.68 7.80 -2.97	122.68 8.36 -0.24	124.24 7.39 -11.79	159.81 6.18 -58.60	158.68 7.45 -44.85	116.13 6.83 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	117.69 -3.84 0.00	107.27 -4.29 0.00	108.49 -3.18 0.00	74.14 -2.54 0.00	95.71 -3.96 0.00	76.21 -5.01 0.00	120.82 -7.48 0.00	141.04 -6.98 0.00	110.17 -4.80 0.00	113.83 -4.77 0.00	103.64 -4.57 0.00	99.04 -3.78 0.00	97.91 -2.82 0.00	82.78 -2.40 0.00	89.89 -4.16 0.00	133.99 -5.54 0.00	122.89 -6.96 0.00	122.58 -8.04 0.00	100.33 -7.59 0.00	105.24 -8.84 0.00	96.62 -8.44 0.00	87.51 -7.52 0.00	98.32 -8.06 0.00	100.60 -8.70 0.00

MORRIS_RIDGE___SOLAR 323848	113.54 -8.00 0.00	103.83 -7.61 0.12	104.56 -7.11 0.00	71.17 -5.31 0.20	92.58 -7.09 0.00	74.31 -6.78 0.14	117.19 -11.11 0.00	135.27 -12.76 0.00	104.82 -9.96 0.18	107.63 -10.97 0.00	98.28 -9.93 0.00	93.42 -9.40 0.00	92.18 -8.55 0.00	78.48 -6.71 0.00	85.91 -7.98 0.15	127.71 -9.40 2.42	118.82 -8.56 2.47	117.07 -8.04 5.50	98.92 -8.47 0.53	104.46 -9.62 0.00	96.14 -8.54 0.38	86.37 -7.70 0.96	96.14 -8.57 1.66	100.62 -7.75 0.93
MORTIMER_115KV_TB3 55949	117.82 -3.71 0.00	107.77 -3.79 0.00	108.25 -3.42 0.00	74.12 -2.56 0.00	96.48 -3.18 0.00	77.99 -3.23 0.00	122.92 -5.38 0.00	141.88 -6.15 0.00	110.38 -4.58 0.00	113.80 -4.80 0.00	103.89 -4.32 0.00	99.01 -3.81 0.00	97.10 -3.62 0.00	82.40 -2.79 0.00	90.22 -3.83 0.00	135.12 -4.42 0.00	125.43 -4.43 0.00	126.56 -4.06 0.00	103.00 -4.91 0.00	108.10 -5.98 0.00	99.67 -8.54 0.00	90.15 -7.70 0.00	101.00 -5.39 0.00	104.21 -5.09 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	126.24 4.70 0.00	115.29 3.74 0.00	115.49 3.82 0.00	79.58 2.91 0.00	103.43 3.76 0.00	84.88 3.65 0.00	134.87 6.57 0.00	156.15 8.12 0.00	121.31 6.35 0.00	125.26 6.67 0.00	114.01 5.79 0.00	107.92 5.10 0.00	105.46 4.73 0.00	88.87 3.68 0.00	98.15 4.10 0.00	145.42 5.89 0.00	136.37 6.51 0.00	137.63 7.01 0.00	114.00 6.09 0.00	120.63 6.55 0.00	110.23 5.17 0.00	99.10 4.07 0.00	110.81 4.43 0.00	113.44 4.14 0.00
MUNSVILLE_WIND_PWR 323609	126.31 4.77 0.00	116.08 4.10 -0.42	116.67 5.00 0.00	80.23 2.85 -0.70	103.56 3.89 0.00	84.53 2.83 -0.48	133.72 5.42 0.00	154.89 6.86 0.00	120.14 4.53 -0.65	123.16 4.56 0.00	113.10 4.89 0.00	107.74 4.92 0.00	105.66 4.94 0.00	89.05 3.87 0.00	98.78 4.20 -0.53	152.62 7.51 -5.58	142.90 7.36 -5.70	150.77 7.47 -12.69	114.31 5.18 -1.22	119.62 5.54 0.00	110.70 4.76 -0.88	102.09 4.84 -2.22	116.29 6.09 -3.82	117.60 6.16 -2.14
N SALMON___HYD 24042	123.49 1.96 0.00	113.87 2.31 0.00	113.78 2.11 0.00	78.14 1.46 0.00	100.78 1.11 0.00	82.49 1.27 0.00	129.36 1.06 0.00	149.46 1.44 0.00	116.74 1.78 0.00	120.77 2.17 0.00	110.36 2.15 0.00	105.19 2.37 0.00	103.31 2.59 0.00	87.47 2.28 0.00	96.34 2.30 0.00	142.54 3.00 0.00	133.44 3.59 0.00	134.28 3.67 0.00	111.25 3.33 0.00	117.22 3.14 0.00	108.46 3.40 0.00	98.59 3.56 0.00	110.21 3.83 0.00	112.83 3.53 0.00
N.AKRON__115KV_KNAPP 355671	116.54 -5.00 0.00	106.38 -5.18 0.00	106.85 -4.82 0.00	73.08 -3.59 0.00	95.14 -4.52 0.00	76.21 -5.01 0.00	119.04 -9.26 0.00	137.22 -10.81 0.00	106.81 -8.15 0.00	109.84 -8.76 0.00	100.21 -8.00 0.00	95.69 -7.13 0.00	93.89 -6.84 0.00	79.88 -5.31 0.00	86.97 -7.07 0.00	131.26 -8.27 0.00	121.81 -8.04 0.00	123.55 -7.07 0.00	99.21 -8.70 0.00	103.47 -10.61 0.00	95.23 -9.83 0.00	86.56 -8.47 0.00	97.33 -9.05 0.00	101.11 -8.19 0.00
N.E_GEN_SANDY PD 24062	128.36 5.04 -1.79	130.28 4.49 -14.22	127.22 4.53 -11.01	103.79 3.24 -23.86	113.79 4.23 -9.89	114.31 3.57 -29.52	137.57 5.78 -3.49	156.71 6.64 -2.04	129.29 5.18 -9.15	125.24 5.25 -1.39	113.18 4.69 -0.27	107.85 4.29 -0.73	107.27 4.10 -2.44	100.28 3.26 -11.83	110.22 3.53 -12.65	144.46 4.85 -0.08	148.53 4.97 -13.72	175.88 5.20 -40.06	126.77 4.50 -14.35	126.16 4.86 -7.21	121.00 4.07 -11.88	103.49 3.47 -4.99	110.51 3.86 -0.27	111.75 3.68 1.23
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	124.99 3.46 0.00	114.18 2.62 0.00	114.39 2.73 0.00	78.78 2.10 0.00	102.42 2.76 0.00	83.95 2.72 0.00	133.34 5.04 0.00	154.24 6.21 0.00	119.70 4.74 0.00	123.57 4.97 0.00	112.54 4.33 0.00	106.53 3.71 0.00	104.06 3.33 0.00	87.67 2.49 0.00	96.86 2.81 0.00	143.61 4.07 0.00	134.63 4.78 0.00	135.86 5.24 0.00	112.59 4.67 0.00	119.29 5.21 0.00	109.06 4.00 0.00	98.07 3.03 0.00	109.61 3.23 0.00	112.30 3.00 0.00
N.QUEENS_27_KV_LOAD 356247	125.78 4.25 0.00	114.73 3.16 0.00	115.07 3.40 0.00	79.44 2.76 0.00	103.10 3.43 0.00	84.73 3.51 0.00	134.28 5.98 0.00	155.93 7.90 0.00	121.09 6.13 0.00	125.06 6.46 0.00	113.79 5.58 0.00	107.68 4.86 0.00	105.21 4.49 0.00	88.62 3.43 0.00	97.84 3.80 0.00	144.98 5.45 0.00	136.08 6.23 0.00	137.26 6.64 0.00	113.92 6.00 0.00	120.53 6.45 0.00	110.13 5.07 0.00	99.06 4.03 0.00	110.79 4.41 0.00	113.37 4.07 0.00
N.TROY___115KV_TB1 355778	127.24 5.70 0.00	116.87 5.31 0.00	116.95 5.28 0.00	80.36 3.69 0.00	104.51 4.84 0.00	85.14 3.92 0.00	134.48 6.18 0.00	155.23 7.20 0.00	120.48 5.52 0.00	124.01 5.42 0.00	113.03 4.82 0.00	107.35 4.52 0.00	105.18 4.45 0.00	88.87 3.68 0.00	98.04 4.00 0.00	145.13 5.60 0.00	135.26 5.41 0.00	136.10 5.49 0.00	112.51 4.59 0.00	118.94 4.86 0.00	109.33 4.27 0.00	98.93 3.90 0.00	110.74 4.36 0.00	113.49 4.19 0.00
NARROWS_GT1_1 24228	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00
NARROWS_GT1_2 24229	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00
NARROWS_GT1_3 24230	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00
NARROWS_GT1_4 24231	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00
NARROWS_GT1_5 24232	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00

NARROWS_GT1_6 24233	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00
NARROWS_GT1_7 24234	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00
NARROWS_GT1_8 24235	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00
NARROWS_GT2_1 24236	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00
NARROWS_GT2_2 24237	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00
NARROWS_GT2_3 24238	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00
NARROWS_GT2_4 24239	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00
NARROWS_GT2_5 24240	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00
NARROWS_GT2_6 24241	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00
NARROWS_GT2_7 24242	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00
NARROWS_GT2_8 24243	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.57 2.89 0.00	103.23 3.56 0.00	84.84 3.62 0.00	134.78 6.48 0.00	156.16 8.13 0.00	121.31 6.35 0.00	125.27 6.68 0.00	113.94 5.73 0.00	107.81 4.99 0.00	105.30 4.58 0.00	88.69 3.50 0.00	97.94 3.90 0.00	145.10 5.57 0.00	136.17 6.32 0.00	137.49 6.87 0.00	113.90 5.99 0.00	120.43 6.34 0.00	110.01 4.96 0.00	98.93 3.90 0.00	110.59 4.21 0.00	113.19 3.89 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	129.99 8.45 0.00	119.47 7.90 0.00	119.53 7.86 0.00	82.12 5.44 0.00	106.88 7.21 0.00	86.99 5.77 0.00	137.45 9.15 0.00	158.91 10.88 0.00	122.99 8.03 0.00	125.65 7.06 0.00	114.02 5.81 0.00	108.29 5.47 0.00	106.06 5.34 0.00	90.05 4.86 0.00	98.85 4.81 0.00	147.45 7.92 0.00	137.92 8.08 0.00	138.85 8.23 0.00	114.72 6.81 0.00	121.03 6.95 0.00	111.37 6.32 0.00	100.78 5.75 0.00	112.98 6.60 0.00	115.86 6.56 0.00
NCHELSEA_115KV_TR2 355582	127.36 5.82 0.00	116.48 4.93 0.00	116.61 4.94 0.00	80.28 3.60 0.00	104.37 4.70 0.00	85.48 4.25 0.00	135.71 7.40 0.00	156.90 8.87 0.00	121.75 6.79 0.00	125.57 6.98 0.00	114.33 6.12 0.00	108.25 5.42 0.00	105.73 5.00 0.00	89.17 3.98 0.00	98.55 4.50 0.00	146.23 6.70 0.00	137.06 7.20 0.00	138.34 7.73 0.00	114.57 6.66 0.00	121.30 7.23 0.00	110.95 5.89 0.00	99.78 4.75 0.00	111.49 5.11 0.00	114.21 4.90 0.00
NEG CAPITAL____MECHNVIL 23645	129.09 7.55 0.00	118.65 7.09 0.00	118.77 7.10 0.00	81.57 4.90 0.00	106.10 6.43 0.00	86.58 5.36 0.00	136.94 8.64 0.00	158.19 10.16 0.00	122.73 7.77 0.00	126.12 7.52 0.00	114.85 6.64 0.00	109.08 6.25 0.00	106.87 6.15 0.00	90.42 5.23 0.00	99.84 5.79 0.00	148.03 8.50 0.00	138.18 8.33 0.00	139.06 8.44 0.00	114.86 6.95 0.00	121.29 7.21 0.00	111.41 6.35 0.00	100.72 5.69 0.00	112.60 6.22 0.00	115.29 5.99 0.00
NEG CENTRAL_HIGH_ACRES 23767	116.40 -5.13 0.00	106.00 -5.09 0.47	106.94 -4.73 0.00	72.45 -3.45 0.78	95.34 -4.33 0.00	76.69 -3.99 0.54	121.99 -6.31 0.00	140.89 -7.14 0.00	108.84 -5.40 0.72	112.95 -5.65 0.00	103.14 -5.08 0.00	98.10 -4.72 0.00	96.10 -4.62 0.00	81.54 -3.65 0.00	89.03 -4.43 0.59	127.74 -5.47 6.32	117.94 -5.45 6.46	111.05 -5.18 14.39	100.91 -5.62 1.38	107.50 -6.58 0.00	98.08 -5.97 1.00	87.03 -5.48 2.52	95.94 -6.10 4.34	100.88 -5.99 2.43

NEG CENTRAL___DRP 24199	119.90 -1.63 0.00	109.84 -1.72 0.00	110.09 -1.58 0.00	75.44 -1.23 0.00	98.24 -1.43 0.00	79.84 -1.38 0.00	126.50 -1.80 0.00	146.12 -1.91 0.00	113.45 -1.51 0.00	116.90 -1.69 0.00	106.71 -1.50 0.00	101.27 -1.55 0.00	98.96 -1.77 0.00	83.74 -1.45 0.00	92.43 -1.62 0.00	137.78 -1.76 0.00	128.36 -1.49 0.00	129.43 -1.19 0.00	106.28 -1.63 0.00	111.93 -2.15 0.00	102.86 -2.20 0.00	92.98 -2.06 0.00	104.11 -2.27 0.00	107.11 -2.19 0.00
NEG CENTRAL___INDECK 23768	111.64 -9.89 0.00	102.42 -9.14 0.00	103.04 -8.62 0.00	71.23 -5.44 0.00	91.90 -7.77 0.00	74.73 -6.49 0.00	116.65 -11.65 0.00	135.52 -12.51 0.00	105.88 -9.09 0.00	108.00 -10.60 0.00	98.30 -9.91 0.00	93.82 -9.00 0.00	92.48 -8.24 0.00	79.03 -6.16 0.00	86.39 -7.65 0.00	126.27 -10.58 2.68	118.29 -8.82 2.74	115.70 -8.81 6.10	99.09 -8.24 0.58	104.34 -9.74 0.00	95.99 -8.64 0.42	86.20 -7.77 1.07	95.58 -8.96 1.84	100.02 -8.26 1.03
NEG CENTRAL___SENECA 23627	119.78 -1.76 0.00	109.69 -1.87 0.00	109.99 -1.68 0.00	75.38 -1.30 0.00	98.14 -1.52 0.00	79.73 -1.49 0.00	126.20 -2.10 0.00	145.81 -2.22 0.00	113.23 -1.73 0.00	116.70 -1.89 0.00	106.52 -1.69 0.00	101.07 -1.75 0.00	98.77 -1.96 0.00	83.65 -1.54 0.00	92.19 -1.85 0.00	137.71 -1.82 0.00	128.20 -1.66 0.00	129.38 -1.24 0.00	105.94 -1.98 0.00	111.49 -2.59 0.00	102.58 -2.48 0.00	92.65 -2.38 0.00	103.72 -2.67 0.00	106.76 -2.54 0.00
NEG CENTRAL___STATE_STREET 24147	120.79 -0.74 0.00	110.79 -0.77 0.00	110.67 -1.00 0.00	75.84 -0.84 0.00	98.78 -0.89 0.00	80.29 -0.93 0.00	127.65 -0.65 0.00	147.48 -0.55 0.00	114.49 -0.47 0.00	117.90 -0.70 0.00	107.44 -0.77 0.00	102.18 -0.64 0.00	99.97 -0.76 0.00	84.49 -0.70 0.00	93.27 -0.78 0.00	138.53 -1.00 0.00	129.45 -0.40 0.00	130.11 -0.51 0.00	107.34 -0.57 0.00	113.29 -0.79 0.00	103.79 -1.27 0.00	94.01 -1.02 0.00	105.25 -1.14 0.00	108.30 -1.00 0.00
NEG MILLWOOD___DRP 24198	127.79 6.26 0.00	116.82 5.26 0.00	116.98 5.31 0.00	80.56 3.88 0.00	104.77 5.10 0.00	85.85 4.63 0.00	136.43 8.13 0.00	157.80 9.77 0.00	122.47 7.51 0.00	126.31 7.72 0.00	114.94 6.73 0.00	108.79 5.97 0.00	106.23 5.51 0.00	89.58 4.39 0.00	98.97 4.93 0.00	146.87 7.34 0.00	137.74 7.89 0.00	139.08 8.46 0.00	115.21 7.30 0.00	121.94 7.86 0.00	111.47 6.41 0.00	100.24 5.21 0.00	111.97 5.59 0.00	114.67 5.36 0.00
NEG NORTH_FLCN_SEA 23793	120.79 -0.74 0.00	112.21 0.65 0.00	112.10 0.43 0.00	77.00 0.33 0.00	99.60 -0.07 0.00	81.54 0.32 0.00	128.39 0.09 0.00	148.03 0.00 0.00	115.26 0.30 0.00	119.09 0.50 0.00	108.86 0.65 0.00	103.72 0.90 0.00	102.15 1.42 0.00	86.78 1.59 0.00	95.67 1.62 0.00	141.75 2.22 0.00	132.51 2.66 0.00	133.23 2.61 0.00	110.71 2.80 0.00	116.96 2.88 0.00	108.11 3.05 0.00	98.32 3.29 0.00	109.77 3.39 0.00	112.30 3.00 0.00
NEG NORTH_KES_CHATEGAY 23792	120.41 -1.12 0.00	111.01 -0.55 0.00	110.85 -0.82 0.00	76.15 -0.53 0.00	98.46 -1.20 0.00	80.53 -0.69 0.00	126.80 -1.50 0.00	146.32 -1.71 0.00	114.02 -0.94 0.00	117.76 -0.84 0.00	107.50 -0.71 0.00	102.52 -0.30 0.00	100.57 -0.15 0.00	85.30 0.12 0.00	94.41 0.37 0.00	140.00 0.46 0.00	130.73 0.88 0.00	131.43 0.81 0.00	109.11 1.20 0.00	115.56 1.48 0.00	106.97 1.91 0.00	97.16 2.13 0.00	108.46 2.08 0.00	111.09 1.79 0.00
NEG NORTH___ALICE_FALLS 23915	124.45 2.92 0.00	115.21 3.65 0.00	115.06 3.40 0.00	79.04 2.36 0.00	101.88 2.22 0.00	83.58 2.36 0.00	131.34 3.04 0.00	151.75 3.72 0.00	118.99 4.03 0.00	122.85 4.26 0.00	111.96 3.74 0.00	106.39 3.57 0.00	103.51 2.78 0.00	87.22 2.03 0.00	96.11 2.07 0.00	142.51 2.98 0.00	133.58 3.73 0.00	134.43 3.81 0.00	111.66 3.75 0.00	117.74 3.66 0.00	108.82 3.76 0.00	98.87 3.84 0.00	110.32 3.94 0.00	112.89 3.59 0.00
NEG NORTH___LWR_SARANAC 23913	124.45 2.92 0.00	115.21 3.65 0.00	115.06 3.40 0.00	79.04 2.36 0.00	101.88 2.22 0.00	83.58 2.36 0.00	131.34 3.04 0.00	151.75 3.72 0.00	118.99 4.03 0.00	122.85 4.26 0.00	111.96 3.74 0.00	106.39 3.57 0.00	103.51 2.78 0.00	87.22 2.03 0.00	96.11 2.07 0.00	142.51 2.98 0.00	133.58 3.73 0.00	134.43 3.81 0.00	111.66 3.75 0.00	117.74 3.66 0.00	108.82 3.76 0.00	98.87 3.84 0.00	110.32 3.94 0.00	112.89 3.59 0.00
NEG NORTH___PLATTSBURG 23628	124.45 2.91 0.00	115.22 3.65 0.00	115.07 3.40 0.00	79.04 2.36 0.00	101.88 2.22 0.00	83.58 2.36 0.00	131.34 3.04 0.00	151.75 3.72 0.00	118.97 4.01 0.00	122.85 4.26 0.00	111.95 3.74 0.00	106.39 3.57 0.00	103.51 2.78 0.00	87.22 2.03 0.00	96.12 2.08 0.00	142.52 2.98 0.00	133.56 3.71 0.00	134.43 3.81 0.00	111.67 3.75 0.00	117.77 3.69 0.00	108.82 3.76 0.00	98.87 3.84 0.00	110.32 3.94 0.00	112.86 3.56 0.00
NEG WEST_LEA_LOCKPORT 23791	113.81 -7.72 0.00	103.86 -7.70 0.00	104.40 -7.27 0.00	71.35 -5.33 0.00	92.82 -6.84 0.00	74.18 -7.04 0.00	115.48 -12.82 0.00	132.87 -15.16 0.00	103.44 -11.53 0.00	106.63 -11.97 0.00	97.45 -10.76 0.00	93.45 -9.38 0.00	91.91 -8.81 0.00	78.16 -7.03 0.00	85.19 -8.86 0.00	128.04 -11.49 0.00	118.27 -11.58 0.00	119.90 -10.71 0.00	96.14 -11.78 0.00	100.35 -13.72 0.00	92.93 -12.12 0.00	84.58 -10.46 0.00	95.25 -11.13 0.00	99.03 -10.27 0.00
NEG WEST___LANCASTR 23811	117.70 -3.83 0.00	107.27 -4.29 0.00	107.83 -3.84 0.00	73.66 -3.01 0.00	95.86 -3.81 0.00	77.22 -4.00 0.00	121.08 -7.22 0.00	139.42 -8.60 0.00	108.42 -6.54 0.00	111.63 -6.97 0.00	102.02 -6.20 0.00	97.81 -5.01 0.00	96.35 -4.37 0.00	81.78 -3.41 0.00	89.32 -4.72 0.00	134.10 -5.43 0.00	124.14 -5.72 0.00	125.07 -5.55 0.00	100.64 -7.28 0.00	105.46 -8.62 0.00	97.67 -7.39 0.00	88.53 -6.50 0.00	99.55 -6.83 0.00	103.03 -6.27 0.00
NEG_PENN_ALLEGHNY 23528	121.22 -0.31 0.00	111.81 -0.37 -0.62	111.50 -0.17 0.00	77.47 -0.23 -1.02	99.52 -0.15 0.00	81.56 -0.37 -0.70	128.06 -0.24 0.00	147.95 -0.08 0.00	115.75 -0.15 -0.94	118.31 -0.28 0.00	108.10 -0.12 0.00	102.62 -0.20 0.00	100.59 -0.14 0.00	85.07 -0.12 0.00	94.38 -0.45 -0.78	147.72 -0.14 -8.33	138.32 -0.04 -8.51	149.66 0.10 -18.94	109.65 -0.08 -1.82	113.81 -0.27 0.00	105.91 -0.46 -1.32	97.66 -0.68 -3.31	111.28 -0.80 -5.70	111.82 -0.67 -3.19
NEG___GEN_MONROE 24207	118.69 -2.85 0.00	108.52 -3.04 0.00	108.98 -2.69 0.00	74.61 -2.07 0.00	97.16 -2.51 0.00	78.47 -2.75 0.00	123.59 -4.71 0.00	142.69 -5.34 0.00	110.97 -3.99 0.00	114.22 -4.38 0.00	104.24 -3.97 0.00	99.11 -3.71 0.00	97.08 -3.65 0.00	82.44 -2.75 0.00	90.17 -3.88 0.00	135.48 -4.06 0.00	126.01 -3.85 0.00	127.44 -3.18 0.00	103.49 -4.42 0.00	108.51 -5.57 0.00	99.82 -5.24 0.00	90.27 -4.76 0.00	101.17 -5.21 0.00	104.46 -4.84 0.00
NEPA___ENERGY 23901	115.11 -6.43 0.00	105.24 -6.32 0.00	105.96 -5.71 0.00	72.30 -4.37 0.00	94.16 -5.51 0.00	75.54 -5.68 0.00	119.19 -9.11 0.00	137.89 -10.14 0.00	107.17 -7.79 0.00	110.38 -8.21 0.00	100.96 -7.26 0.00	96.34 -6.48 0.00	95.01 -5.71 0.00	80.48 -4.71 0.00	87.74 -6.30 0.00	131.02 -8.51 0.00	120.83 -9.03 0.00	121.25 -9.37 0.00	99.51 -8.40 0.00	104.62 -9.46 0.00	96.22 -8.83 0.00	86.86 -8.17 0.00	97.43 -8.96 0.00	100.59 -8.71 0.00

NEVERSINK___HYD 23608	125.09 3.56 0.00	114.64 2.98 -0.10	114.65 2.98 0.00	79.10 2.25 -0.17	102.65 2.98 0.00	84.15 2.81 -0.11	133.73 5.42 0.00	154.67 6.64 0.00	120.04 4.93 -0.16	123.65 5.06 0.00	112.59 4.38 0.00	106.64 3.82 0.00	104.08 3.36 0.00	87.89 2.70 0.00	97.13 2.96 -0.13	144.15 4.61 0.00	135.11 5.26 0.00	136.33 5.71 0.00	112.91 4.99 0.00	119.54 5.46 0.00	109.39 4.33 0.00	98.33 3.30 0.00	109.83 3.44 0.00	112.49 3.19 0.00
NEWKRMKL_115KV_TB1 55635	126.55 5.02 0.00	116.20 4.64 0.00	116.32 4.65 0.00	79.92 3.24 0.00	103.96 4.30 0.00	84.63 3.41 0.00	133.47 5.17 0.00	154.03 6.00 0.00	119.54 4.58 0.00	123.16 4.57 0.00	112.53 4.32 0.00	106.82 3.99 0.00	104.64 3.92 0.00	88.36 3.17 0.00	97.10 3.06 0.00	143.33 3.80 0.00	133.49 3.64 0.00	134.15 3.53 0.00	111.06 3.15 0.00	117.44 3.36 0.00	108.05 2.99 0.00	97.88 2.85 0.00	110.00 3.62 0.00	112.93 3.63 0.00
NEWTON___FALLS_HYD 23847	121.98 0.45 0.00	112.04 0.48 0.00	112.51 0.84 0.00	76.62 -0.06 0.00	99.09 -0.57 0.00	81.03 -0.20 0.00	126.74 -1.56 0.00	146.65 -1.38 0.00	114.09 -0.87 0.00	117.80 -0.80 0.00	107.66 -0.55 0.00	102.46 -0.36 0.00	100.37 -0.36 0.00	84.77 -0.41 0.00	93.74 -0.30 0.00	138.75 -0.78 0.00	128.01 -1.85 0.00	129.31 -1.30 0.00	106.81 -1.11 0.00	112.72 -1.36 0.00	104.80 -0.26 0.00	95.69 0.65 0.00	107.87 1.50 0.00	109.99 0.69 0.00
NGRID_A1_DSASP 323792	113.49 -8.05 0.00	103.51 -8.05 0.00	104.24 -7.43 0.00	71.18 -5.50 0.00	92.55 -7.11 0.00	74.07 -7.15 0.00	115.32 -12.98 0.00	131.94 -16.09 0.00	102.91 -12.05 0.00	106.05 -12.54 0.00	97.07 -11.14 0.00	93.27 -9.56 0.00	91.84 -8.88 0.00	78.02 -7.17 0.00	84.99 -9.05 0.00	128.05 -11.48 0.00	118.21 -11.64 0.00	119.59 -11.03 0.00	95.43 -12.48 0.00	99.52 -14.56 0.00	92.58 -12.48 0.00	84.27 -10.76 0.00	95.16 -11.22 0.00	98.77 -10.54 0.00
NGRID_A2_DSASP 323793	113.49 -8.05 0.00	103.51 -8.05 0.00	104.24 -7.43 0.00	71.18 -5.50 0.00	92.55 -7.11 0.00	74.07 -7.15 0.00	115.32 -12.98 0.00	131.94 -16.09 0.00	102.91 -12.05 0.00	106.05 -12.54 0.00	97.07 -11.14 0.00	93.27 -9.56 0.00	91.84 -8.88 0.00	78.02 -7.17 0.00	84.99 -9.05 0.00	128.05 -11.48 0.00	118.21 -11.64 0.00	119.59 -11.03 0.00	95.43 -12.48 0.00	99.52 -14.56 0.00	92.58 -12.48 0.00	84.27 -10.76 0.00	95.16 -11.22 0.00	98.77 -10.54 0.00
NGRID_A4_DSASP 323807	113.49 -8.05 0.00	103.51 -8.05 0.00	104.24 -7.43 0.00	71.18 -5.50 0.00	92.55 -7.11 0.00	74.07 -7.15 0.00	115.32 -12.98 0.00	131.94 -16.09 0.00	102.91 -12.05 0.00	106.05 -12.54 0.00	97.07 -11.14 0.00	93.27 -9.56 0.00	91.84 -8.88 0.00	78.02 -7.17 0.00	84.99 -9.05 0.00	128.05 -11.48 0.00	118.21 -11.64 0.00	119.59 -11.03 0.00	95.43 -12.48 0.00	99.52 -14.56 0.00	92.58 -12.48 0.00	84.27 -10.76 0.00	95.16 -11.22 0.00	98.77 -10.54 0.00
NIAGARA_115E_LBMP 323715	113.43 -8.10 0.00	102.45 -7.94 1.17	104.03 -7.64 0.00	69.24 -5.51 1.93	92.58 -7.09 0.00	72.44 -7.46 1.33	114.41 -13.89 0.00	131.56 -16.46 0.00	100.85 -12.33 1.78	105.62 -12.97 0.00	96.58 -11.63 0.00	92.77 -10.05 0.00	91.29 -9.43 0.00	77.75 -7.44 0.00	83.25 -9.33 1.47	111.61 -12.51 15.41	101.48 -12.62 15.74	83.89 -11.66 35.06	91.81 -12.74 3.36	99.32 -14.76 0.00	89.70 -12.92 2.44	77.99 -10.91 6.13	84.35 -11.46 10.57	92.88 -10.51 5.92
NIAGARA_115W_LBMP 323714	113.35 -8.19 0.00	102.22 -8.17 1.18	104.11 -7.55 0.00	69.14 -5.59 1.95	92.45 -7.22 0.00	72.65 -7.23 1.34	115.15 -13.15 0.00	131.70 -16.33 0.00	101.06 -12.11 1.79	105.90 -12.70 0.00	96.92 -11.29 0.00	93.14 -9.68 0.00	91.68 -9.05 0.00	77.90 -7.28 0.00	83.32 -9.24 1.48	112.33 -11.59 15.61	102.25 -11.65 15.94	84.06 -11.05 35.51	91.89 -12.62 3.41	99.38 -14.70 0.00	90.00 -12.59 2.47	78.01 -10.81 6.21	84.43 -11.25 10.71	92.75 -10.56 5.99
NIAGARA_230_LBMP 323716	113.79 -7.75 0.00	102.64 -7.77 1.16	104.47 -7.20 0.00	69.43 -5.33 1.92	92.84 -6.83 0.00	73.00 -6.90 1.32	115.99 -12.31 0.00	133.33 -14.70 0.00	102.19 -11.01 1.77	107.11 -11.48 0.00	97.97 -10.24 0.00	94.10 -8.72 0.00	92.60 -8.12 0.00	78.68 -6.50 0.00	84.16 -8.42 1.46	113.30 -10.83 15.40	103.07 -11.05 15.74	85.01 -10.55 35.05	92.98 -11.57 3.36	100.70 -13.37 0.00	90.98 -11.64 2.44	78.73 -10.16 6.13	85.09 -10.73 10.57	93.32 -10.06 5.92
NIAGARA___115KV_198_GIBSON 55903	113.35 -8.19 0.00	103.40 -8.16 0.00	104.11 -7.55 0.00	71.10 -5.58 0.00	92.45 -7.21 0.00	73.98 -7.24 0.00	115.16 -13.15 0.00	131.69 -16.34 0.00	102.73 -12.23 0.00	105.90 -12.69 0.00	96.92 -11.29 0.00	93.13 -9.69 0.00	91.68 -9.04 0.00	77.90 -7.29 0.00	84.90 -9.14 0.00	127.89 -11.64 0.00	118.09 -11.76 0.00	119.44 -11.18 0.00	95.29 -12.62 0.00	99.36 -14.71 0.00	92.41 -12.65 0.00	84.18 -10.85 0.00	95.06 -11.32 0.00	98.67 -10.63 0.00
NIAGARA____ 23760	113.79 -7.75 0.00	102.63 -7.77 1.17	104.47 -7.20 0.00	69.41 -5.33 1.93	92.84 -6.83 0.00	73.00 -6.90 1.32	115.99 -12.31 0.00	133.33 -14.70 0.00	102.18 -11.01 1.77	107.11 -11.48 0.00	97.97 -10.24 0.00	94.10 -8.72 0.00	92.60 -8.12 0.00	78.68 -6.50 0.00	84.16 -8.42 1.46	113.28 -10.83 15.42	103.05 -11.05 15.75	84.97 -10.55 35.09	92.98 -11.57 3.37	100.70 -13.37 0.00	90.98 -11.64 2.44	78.73 -10.16 6.14	85.07 -10.73 10.59	93.31 -10.06 5.93
NINE_MILE_1 23575	116.60 -4.93 0.00	106.97 -4.59 0.00	107.18 -4.49 0.00	73.54 -3.14 0.00	95.65 -4.01 0.00	77.83 -3.39 0.00	123.03 -5.27 0.00	142.00 -6.03 0.00	110.32 -4.64 0.00	113.75 -4.84 0.00	103.82 -4.39 0.00	98.66 -4.16 0.00	96.63 -4.10 0.00	81.75 -3.44 0.00	90.16 -3.89 0.00	133.96 -5.58 0.00	124.69 -5.16 0.00	125.50 -5.12 0.00	103.45 -4.46 0.00	109.23 -4.85 0.00	100.54 -4.52 0.00	90.95 -4.08 0.00	101.94 -4.44 0.00	104.97 -4.33 0.00
NINE_MILE_2 23744	116.61 -4.92 0.00	106.98 -4.58 0.00	107.18 -4.49 0.00	73.54 -3.14 0.00	95.66 -4.01 0.00	77.83 -3.39 0.00	123.04 -5.26 0.00	142.00 -6.03 0.00	110.33 -4.63 0.00	113.76 -4.83 0.00	103.84 -4.37 0.00	98.67 -4.15 0.00	96.64 -4.08 0.00	81.76 -3.43 0.00	90.17 -3.87 0.00	133.96 -5.58 0.00	124.69 -5.16 0.00	125.50 -5.12 0.00	103.46 -4.46 0.00	109.25 -4.83 0.00	100.57 -4.49 0.00	90.96 -4.07 0.00	101.95 -4.43 0.00	104.97 -4.33 0.00
NM_CAPITAL___DRP 24208	126.34 4.80 0.00	116.03 4.47 0.00	116.14 4.47 0.00	79.82 3.14 0.00	103.81 4.14 0.00	84.50 3.28 0.00	133.24 4.94 0.00	153.77 5.74 0.00	119.36 4.40 0.00	122.99 4.40 0.00	112.35 4.14 0.00	106.65 3.83 0.00	104.47 3.74 0.00	88.22 3.04 0.00	97.01 2.97 0.00	143.32 3.78 0.00	133.43 3.58 0.00	134.15 3.53 0.00	111.04 3.12 0.00	117.40 3.32 0.00	108.00 2.95 0.00	97.81 2.78 0.00	109.88 3.50 0.00	112.75 3.45 0.00
NM_CENTRAL___DRP 24181	118.89 -2.65 0.00	109.04 -2.52 0.00	109.30 -2.37 0.00	74.97 -1.71 0.00	97.57 -2.10 0.00	79.38 -1.84 0.00	125.60 -2.70 0.00	145.08 -2.95 0.00	112.68 -2.29 0.00	116.22 -2.37 0.00	106.14 -2.08 0.00	100.85 -1.97 0.00	98.75 -1.98 0.00	83.55 -1.64 0.00	92.11 -1.93 0.00	136.90 -2.63 0.00	127.40 -2.45 0.00	128.29 -2.33 0.00	105.63 -2.29 0.00	111.48 -2.60 0.00	102.51 -2.55 0.00	92.62 -2.41 0.00	103.77 -2.61 0.00	106.74 -2.56 0.00

NM_FRONTIER___DRP 24179	113.35 -8.19 0.00	103.40 -8.16 0.00	104.11 -7.55 0.00	71.10 -5.58 0.00	92.45 -7.21 0.00	73.98 -7.24 0.00	115.16 -13.15 0.00	131.69 -16.34 0.00	102.73 -12.23 0.00	105.90 -12.69 0.00	96.92 -11.29 0.00	93.13 -9.69 0.00	91.68 -9.04 0.00	77.90 -7.29 0.00	84.90 -9.14 0.00	127.89 -11.64 0.00	118.09 -11.76 0.00	119.44 -11.18 0.00	95.29 -12.62 0.00	99.36 -14.71 0.00	92.41 -12.65 0.00	84.18 -10.85 0.00	95.06 -11.32 0.00	98.67 -10.63 0.00
NM_ST_REGIS___HYD 24053	123.26 1.72 0.00	113.49 1.94 0.00	113.52 1.85 0.00	77.83 1.15 0.00	100.34 0.67 0.00	82.05 0.82 0.00	128.00 -0.30 0.00	147.89 -0.14 0.00	115.28 0.32 0.00	119.01 0.42 0.00	108.84 0.63 0.00	103.72 0.90 0.00	101.76 1.04 0.00	85.97 0.78 0.00	94.73 0.68 0.00	140.09 0.56 0.00	130.08 0.22 0.00	130.88 0.27 0.00	108.33 0.42 0.00	114.22 0.14 0.00	105.83 0.78 0.00	96.54 1.51 0.00	108.34 1.96 0.00	111.18 1.88 0.00
NORTHPORT___1 23551	127.60 6.07 0.00	116.60 5.04 0.00	117.32 5.66 0.00	80.92 4.24 0.00	105.16 5.49 0.00	86.69 5.47 0.00	136.66 8.36 0.00	129.80 8.70 26.92	119.93 7.28 2.31	124.69 7.04 0.94	114.53 6.32 0.00	108.13 5.31 0.00	105.76 5.03 0.00	89.36 4.17 0.00	99.36 5.32 0.00	132.00 7.14 14.67	127.39 8.02 10.47	125.69 8.00 12.92	118.59 7.70 -2.97	122.75 8.42 -0.24	123.79 6.95 -11.79	124.41 5.73 -23.65	120.03 6.99 -6.66	116.02 6.72 0.00
NORTHPORT___2 23552	127.60 6.07 0.00	116.60 5.04 0.00	117.32 5.66 0.00	80.92 4.24 0.00	105.16 5.49 0.00	86.69 5.47 0.00	136.66 8.36 0.00	129.80 8.70 26.92	119.93 7.28 2.31	124.69 7.04 0.94	114.53 6.32 0.00	108.13 5.31 0.00	105.76 5.03 0.00	89.36 4.17 0.00	99.36 5.32 0.00	132.00 7.14 14.67	127.39 8.02 10.47	125.69 8.00 12.92	118.59 7.70 -2.97	122.75 8.42 -0.24	123.79 6.95 -11.79	124.41 5.73 -23.65	120.03 6.99 -6.66	116.02 6.72 0.00
NORTHPORT___3 23553	127.56 6.03 0.00	116.54 4.98 0.00	117.29 5.63 0.00	80.89 4.21 0.00	105.12 5.45 0.00	86.65 5.43 0.00	135.93 8.30 0.67	140.23 8.59 16.38	120.57 7.24 1.63	125.10 7.06 0.55	114.60 6.39 0.00	108.24 5.42 0.00	105.86 5.13 0.00	89.44 4.25 0.00	99.41 5.36 0.00	138.02 7.11 8.63	131.62 7.93 6.16	130.94 7.93 7.60	118.55 7.67 -2.97	122.69 8.37 -0.24	123.74 6.90 -11.79	123.51 5.71 -22.76	119.02 6.95 -5.69	115.95 6.65 0.00
NORTHPORT___4 23650	127.56 6.03 0.00	116.54 4.98 0.00	117.29 5.63 0.00	80.89 4.21 0.00	105.12 5.45 0.00	86.65 5.43 0.00	135.93 8.30 0.67	140.23 8.59 16.38	120.57 7.24 1.63	125.10 7.06 0.55	114.60 6.39 0.00	108.24 5.42 0.00	105.86 5.13 0.00	89.44 4.25 0.00	99.41 5.36 0.00	138.02 7.11 8.63	131.62 7.93 6.16	130.94 7.93 7.60	118.55 7.67 -2.97	122.69 8.37 -0.24	123.74 6.90 -11.79	123.51 5.71 -22.76	119.02 6.95 -5.69	115.95 6.65 0.00
NORTHPORT___IC 23718	127.60 6.06 0.00	116.60 5.04 0.00	117.32 5.66 0.00	80.92 4.24 0.00	105.18 5.51 0.00	86.69 5.47 0.00	136.66 8.37 0.00	129.81 8.70 26.92	119.92 7.28 2.31	124.69 7.04 0.94	114.54 6.32 0.00	108.14 5.32 0.00	105.76 5.03 0.00	89.36 4.17 0.00	99.37 5.32 0.00	131.93 7.06 14.67	127.43 8.05 10.47	125.73 8.04 12.92	118.60 7.72 -2.97	122.75 8.42 -0.24	123.81 6.97 -11.79	124.42 5.74 -23.65	120.04 7.00 -6.66	115.97 6.66 0.00
NORTH___COUNTRY_ESR 323785	120.07 -1.46 0.00	110.64 -0.92 0.00	110.47 -1.20 0.00	75.92 -0.76 0.00	98.19 -1.48 0.00	80.29 -0.93 0.00	126.40 -1.90 0.00	145.84 -2.19 0.00	113.58 -1.38 0.00	117.37 -1.22 0.00	107.21 -1.00 0.00	102.21 -0.61 0.00	100.30 -0.43 0.00	85.08 -0.11 0.00	94.15 0.10 0.00	139.49 -0.04 0.00	130.12 0.27 0.00	130.78 0.16 0.00	108.64 0.72 0.00	115.13 1.05 0.00	106.55 1.49 0.00	96.77 1.74 0.00	108.06 1.68 0.00	110.67 1.37 0.00
NPX_GEN_1385_PROXY 323591	130.39 8.85 0.00	119.13 7.57 0.00	119.89 8.22 0.00	100.96 5.99 -18.29	107.43 7.76 0.00	102.96 7.30 -14.44	140.05 11.23 -0.51	138.09 12.00 21.94	122.15 9.50 2.31	126.70 9.04 0.94	116.14 7.93 0.00	109.48 6.66 0.00	107.25 6.53 0.00	90.66 5.47 0.00	104.26 7.41 -2.81	147.14 10.32 2.71	152.24 10.96 -11.43	147.32 10.96 -5.75	139.49 10.12 -21.46	159.30 10.94 -34.28	166.56 9.27 -52.23	126.52 7.86 -23.63	133.16 9.34 -17.44	132.00 9.16 -13.54
NPX_GEN_CSC 323557	129.65 8.12 0.00	118.32 6.76 0.00	118.91 7.24 0.00	81.97 5.29 0.00	106.62 6.95 0.00	75.99 6.82 12.06	165.20 11.00 -25.91	186.94 11.77 -27.13	135.32 9.59 -10.77	127.72 8.94 -0.18	115.70 7.49 0.00	109.06 6.23 0.00	106.59 5.87 0.00	90.18 4.99 0.00	100.60 6.55 0.00	151.61 9.19 -2.89	141.73 9.81 -2.07	143.06 9.89 -2.55	119.79 8.90 -2.97	123.85 9.53 -0.24	125.55 8.71 -11.79	161.42 7.63 -58.76	160.23 9.02 -44.83	117.88 8.58 0.00
NSINS_S_GLNS_FALLS 23858	130.57 9.03 0.00	120.10 8.54 0.00	120.21 8.54 0.00	82.62 5.94 0.00	107.48 7.81 0.00	87.84 6.62 0.00	139.30 11.00 0.00	161.18 13.15 0.00	125.03 10.07 0.00	128.11 9.51 0.00	116.56 8.35 0.00	110.73 7.91 0.00	108.54 7.82 0.00	91.93 6.75 0.00	101.42 7.38 0.00	150.40 10.87 0.00	140.67 10.82 0.00	141.50 10.89 0.00	116.97 9.06 0.00	123.39 9.31 0.00	113.18 8.12 0.00	102.39 7.36 0.00	114.30 7.92 0.00	116.87 7.57 0.00
NUCOR_STEEL___DRP 24197	120.69 -0.84 0.00	110.72 -0.84 0.00	110.55 -1.12 0.00	75.75 -0.93 0.00	98.66 -1.01 0.00	80.21 -1.01 0.00	127.54 -0.76 0.00	147.34 -0.69 0.00	114.36 -0.60 0.00	117.82 -0.78 0.00	107.23 -0.98 0.00	102.07 -0.75 0.00	99.91 -0.82 0.00	84.45 -0.74 0.00	93.21 -0.83 0.00	138.35 -1.19 0.00	129.34 -0.51 0.00	129.87 -0.75 0.00	107.17 -0.74 0.00	113.16 -0.92 0.00	103.65 -1.41 0.00	93.93 -1.10 0.00	105.22 -1.16 0.00	108.28 -1.02 0.00
NUMBER_THREE_WT_PWR 323818	121.33 -0.20 0.00	111.28 -0.28 0.00	112.16 0.49 0.00	75.74 -0.94 0.00	98.29 -1.38 0.00	80.41 -0.82 0.00	126.20 -2.10 0.00	146.28 -1.74 0.00	113.68 -1.28 0.00	117.46 -1.13 0.00	107.20 -1.01 0.00	101.82 -1.00 0.00	99.62 -1.11 0.00	84.41 -0.78 0.00	93.83 -0.21 0.00	139.23 -0.30 0.00	128.87 -0.98 0.00	130.76 0.15 0.00	107.76 -0.16 0.00	113.64 -0.44 0.00	106.46 1.40 0.00	96.92 1.89 0.00	108.78 2.40 0.00	109.91 0.60 0.00
NYISO_LBMP_REFERENCE 24008	121.53 0.00 0.00	111.56 0.00 0.00	111.67 0.00 0.00	76.68 0.00 0.00	99.67 0.00 0.00	81.22 0.00 0.00	128.30 0.00 0.00	148.03 0.00 0.00	114.96 0.00 0.00	118.59 0.00 0.00	108.21 0.00 0.00	102.82 0.00 0.00	100.73 0.00 0.00	85.19 0.00 0.00	94.05 0.00 0.00	139.53 0.00 0.00	129.85 0.00 0.00	130.62 0.00 0.00	107.91 0.00 0.00	114.08 0.00 0.00	105.06 0.00 0.00	95.03 0.00 0.00	106.38 0.00 0.00	109.30 0.00 0.00
NYPA_BRENTWD____GT 24164	129.29 7.76 0.00	118.05 6.49 0.00	118.68 7.01 0.00	81.81 5.13 0.00	106.37 6.70 0.00	87.69 6.47 0.00	140.69 9.96 -2.42	165.85 11.25 -6.57	125.41 9.09 -1.35	127.68 8.92 -0.16	116.09 7.88 0.00	109.57 6.75 0.00	107.10 6.38 0.00	90.54 5.35 0.00	100.65 6.61 0.00	151.65 9.65 -2.46	142.12 10.50 -1.76	143.16 10.37 -2.17	120.17 9.29 -2.97	124.25 9.93 -0.24	125.24 8.39 -11.79	129.04 7.14 -26.87	124.83 8.27 -10.18	117.41 8.11 0.00

NYPA_GOWANUS____GT5 24156	125.98 4.45 0.00	115.06 3.50 0.00	115.26 3.59 0.00	79.55 2.88 0.00	103.20 3.53 0.00	84.83 3.61 0.00	134.75 6.45 0.00	156.12 8.09 0.00	121.28 6.32 0.00	125.23 6.64 0.00	113.92 5.70 0.00	107.77 4.95 0.00	105.29 4.56 0.00	88.67 3.48 0.00	97.90 3.86 0.00	145.06 5.53 0.00	136.15 6.30 0.00	137.47 6.85 0.00	113.89 5.97 0.00	120.40 6.32 0.00	109.98 4.92 0.00	98.91 3.88 0.00	110.56 4.18 0.00	113.12 3.82 0.00
NYPA_GOWANUS____GT6 24157	125.98 4.45 0.00	115.06 3.50 0.00	115.26 3.59 0.00	79.55 2.88 0.00	103.20 3.53 0.00	84.83 3.61 0.00	134.75 6.45 0.00	156.12 8.09 0.00	121.28 6.32 0.00	125.23 6.64 0.00	113.92 5.70 0.00	107.77 4.95 0.00	105.29 4.56 0.00	88.67 3.48 0.00	97.90 3.86 0.00	145.06 5.53 0.00	136.15 6.30 0.00	137.47 6.85 0.00	113.89 5.97 0.00	120.40 6.32 0.00	109.98 4.92 0.00	98.91 3.88 0.00	110.56 4.18 0.00	113.12 3.82 0.00
NYPA_HARLEM__RVR__GT1 24160	125.61 4.08 0.00	114.62 3.05 0.00	114.95 3.28 0.00	79.33 2.66 0.00	102.99 3.33 0.00	84.62 3.39 0.00	134.14 5.85 0.00	155.69 7.66 0.00	120.92 5.96 0.00	124.84 6.24 0.00	113.62 5.41 0.00	107.48 4.65 0.00	105.04 4.31 0.00	88.46 3.28 0.00	97.65 3.60 0.00	144.70 5.17 0.00	135.77 5.92 0.00	136.94 6.33 0.00	113.65 5.74 0.00	120.22 6.14 0.00	109.88 4.82 0.00	98.83 3.80 0.00	110.51 4.13 0.00	113.17 3.87 0.00
NYPA_HARLEM__RVR__GT2 24161	125.61 4.08 0.00	114.62 3.05 0.00	114.95 3.28 0.00	79.33 2.66 0.00	102.99 3.33 0.00	84.62 3.39 0.00	134.14 5.85 0.00	155.69 7.66 0.00	120.92 5.96 0.00	124.84 6.24 0.00	113.62 5.41 0.00	107.48 4.65 0.00	105.04 4.31 0.00	88.46 3.28 0.00	97.65 3.60 0.00	144.70 5.17 0.00	135.77 5.92 0.00	136.94 6.33 0.00	113.65 5.74 0.00	120.22 6.14 0.00	109.88 4.82 0.00	98.83 3.80 0.00	110.51 4.13 0.00	113.17 3.87 0.00
NYPA_KENT____GT 24152	125.98 4.45 0.00	115.06 3.50 0.00	115.26 3.59 0.00	79.51 2.84 0.00	103.20 3.53 0.00	84.80 3.58 0.00	134.75 6.45 0.00	156.14 8.11 0.00	121.29 6.33 0.00	125.27 6.68 0.00	113.97 5.76 0.00	107.83 5.01 0.00	105.35 4.62 0.00	88.75 3.57 0.00	97.99 3.95 0.00	145.16 5.63 0.00	136.21 6.36 0.00	137.46 6.84 0.00	113.89 5.97 0.00	120.40 6.32 0.00	109.98 4.92 0.00	98.94 3.91 0.00	110.59 4.21 0.00	113.18 3.87 0.00
NYPA_POUCH1____GT 24155	126.25 4.72 0.00	115.21 3.65 0.00	115.44 3.77 0.00	79.81 3.13 0.00	103.35 3.68 0.00	85.00 3.78 0.00	134.93 6.63 0.00	156.18 8.15 0.00	121.26 6.30 0.00	125.15 6.55 0.00	113.89 5.68 0.00	107.67 4.85 0.00	105.19 4.47 0.00	88.55 3.36 0.01	97.74 3.70 0.01	144.82 5.29 0.00	136.06 6.20 0.00	137.50 6.89 0.00	113.88 5.97 0.00	120.08 6.00 0.00	109.67 4.61 0.00	98.65 3.62 0.00	110.30 3.92 0.00	112.87 3.57 0.00
NYPA_VERNON____GT2 24162	126.11 4.57 0.00	115.13 3.57 0.00	115.35 3.68 0.00	79.54 2.86 0.00	103.29 3.63 0.00	84.87 3.65 0.00	134.85 6.55 0.00	156.29 8.26 0.00	121.40 6.44 0.00	125.38 6.79 0.00	114.10 5.88 0.00	107.99 5.17 0.00	105.48 4.76 0.00	88.89 3.70 0.00	98.12 4.08 0.00	145.37 5.84 0.00	136.36 6.51 0.00	137.57 6.95 0.00	113.94 6.02 0.00	120.48 6.40 0.00	110.07 5.01 0.00	99.03 4.00 0.00	110.69 4.31 0.00	113.28 3.97 0.00
NYPA_VERNON____GT3 24163	126.11 4.57 0.00	115.13 3.57 0.00	115.35 3.68 0.00	79.54 2.86 0.00	103.29 3.63 0.00	84.87 3.65 0.00	134.85 6.55 0.00	156.29 8.26 0.00	121.40 6.44 0.00	125.38 6.79 0.00	114.10 5.88 0.00	107.99 5.17 0.00	105.48 4.76 0.00	88.89 3.70 0.00	98.12 4.08 0.00	145.37 5.84 0.00	136.36 6.51 0.00	137.57 6.95 0.00	113.94 6.02 0.00	120.48 6.40 0.00	110.07 5.01 0.00	99.03 4.00 0.00	110.69 4.31 0.00	113.28 3.97 0.00
NYPA____ASTORIA_CC1 323568	125.85 4.32 0.00	114.92 3.36 0.00	115.15 3.49 0.00	79.42 2.75 0.00	103.12 3.45 0.00	84.72 3.50 0.00	134.60 6.30 0.00	156.00 7.97 0.00	121.20 6.24 0.00	125.18 6.58 0.00	113.88 5.67 0.00	107.78 4.96 0.00	105.28 4.55 0.00	88.72 3.53 0.00	97.93 3.89 0.00	145.06 5.53 0.00	136.08 6.23 0.00	137.30 6.68 0.00	113.72 5.81 0.00	120.22 6.14 0.00	109.85 4.79 0.00	98.87 3.84 0.00	110.49 4.11 0.00	113.04 3.74 0.00
NYPA____ASTORIA_CC2 323569	125.85 4.32 0.00	114.92 3.36 0.00	115.15 3.49 0.00	79.42 2.75 0.00	103.12 3.45 0.00	84.72 3.50 0.00	134.60 6.30 0.00	156.00 7.97 0.00	121.20 6.24 0.00	125.18 6.58 0.00	113.88 5.67 0.00	107.78 4.96 0.00	105.28 4.55 0.00	88.72 3.53 0.00	97.93 3.89 0.00	145.06 5.53 0.00	136.08 6.23 0.00	137.30 6.68 0.00	113.72 5.81 0.00	120.22 6.14 0.00	109.85 4.79 0.00	98.87 3.84 0.00	110.49 4.11 0.00	113.04 3.74 0.00
NYPA____HOLTSVILL 23794	128.61 7.08 0.00	117.46 5.90 0.00	118.04 6.37 0.00	81.37 4.69 0.00	105.80 6.13 0.00	87.27 6.04 0.00	163.84 9.62 -25.92	185.87 10.42 -27.42	134.30 8.54 -10.80	126.92 8.13 -0.19	115.26 7.05 0.00	108.75 5.92 0.00	106.30 5.58 0.00	89.87 4.69 0.00	100.04 5.99 0.00	151.06 8.50 -3.03	141.40 9.38 -2.17	142.73 9.45 -2.67	119.53 8.65 -2.97	123.69 9.36 -0.24	124.78 7.93 -11.79	160.56 6.70 -58.83	159.41 7.92 -45.11	116.85 7.55 0.00
NYPA____HELLGATE_GT1 24158	125.61 4.08 0.00	114.62 3.05 0.00	114.95 3.28 0.00	79.33 2.66 0.00	102.99 3.33 0.00	84.62 3.39 0.00	134.10 5.81 0.00	155.57 7.54 0.00	120.82 5.86 0.00	124.75 6.16 0.00	113.55 5.34 0.00	107.48 4.65 0.00	105.04 4.31 0.00	88.47 3.28 0.00	97.72 3.67 0.00	144.72 5.19 0.00	135.77 5.92 0.00	136.94 6.33 0.00	113.65 5.74 0.00	120.22 6.14 0.00	109.88 4.82 0.00	98.83 3.81 0.00	110.58 4.20 0.00	113.17 3.87 0.00
NYPA____HELLGATE_GT2 24159	125.61 4.08 0.00	114.62 3.05 0.00	114.95 3.28 0.00	79.33 2.66 0.00	102.99 3.33 0.00	84.62 3.39 0.00	134.10 5.81 0.00	155.57 7.54 0.00	120.82 5.86 0.00	124.75 6.16 0.00	113.55 5.34 0.00	107.48 4.65 0.00	105.04 4.31 0.00	88.47 3.28 0.00	97.72 3.67 0.00	144.72 5.19 0.00	135.77 5.92 0.00	136.94 6.33 0.00	113.65 5.74 0.00	120.22 6.14 0.00	109.88 4.82 0.00	98.83 3.81 0.00	110.58 4.20 0.00	113.17 3.87 0.00
NYS_BARGE____HYD 23848	114.39 -7.14 0.00	103.33 -7.15 1.08	104.87 -6.80 0.00	69.92 -4.97 1.78	93.31 -6.36 0.00	73.33 -6.67 1.22	116.00 -12.31 0.00	133.51 -14.52 0.00	102.45 -10.88 1.64	107.10 -11.49 0.00	97.84 -10.37 0.00	93.81 -9.01 0.00	92.24 -8.48 0.00	78.48 -6.71 0.00	84.15 -8.54 1.35	114.40 -10.90 14.23	104.37 -10.94 14.54	88.26 -9.97 32.39	93.49 -11.32 3.11	100.82 -13.26 0.00	91.08 -11.72 2.25	79.34 -10.03 5.67	86.03 -10.58 9.77	94.08 -9.76 5.47
OAK ORCHARD____HYD 24046	117.82 -3.71 0.00	107.16 -3.80 0.61	108.25 -3.42 0.00	73.10 -2.57 1.01	96.48 -3.19 0.00	77.30 -3.23 0.69	122.91 -5.39 0.00	141.87 -6.15 0.00	109.53 -4.51 0.93	113.80 -4.79 0.00	103.89 -4.32 0.00	99.00 -3.83 0.00	97.09 -3.63 0.00	82.40 -2.79 0.00	89.46 -3.82 0.77	126.93 -4.39 8.21	117.10 -4.36 8.39	107.97 -3.96 18.69	101.22 -4.90 1.79	108.11 -5.97 0.00	98.41 -5.35 1.30	86.89 -4.87 3.27	95.44 -5.31 5.64	101.07 -5.08 3.15

OAKDALE___35_KV_LOAD 356122	120.27 -1.26 0.00	110.35 -1.21 0.00	110.64 -1.03 0.00	75.86 -0.82 0.00	98.78 -0.89 0.00	80.22 -1.00 0.00	126.92 -1.38 0.00	146.56 -1.47 0.00	113.74 -1.22 0.00	117.23 -1.36 0.00	107.11 -1.10 0.00	101.74 -1.08 0.00	99.73 -1.00 0.00	84.32 -0.87 0.00	92.80 -1.24 0.00	138.16 -1.38 0.00	128.62 -1.23 0.00	129.49 -1.13 0.00	106.83 -1.08 0.00	112.83 -1.25 0.00	103.67 -1.39 0.00	93.58 -1.45 0.00	104.74 -1.64 0.00	107.80 -1.51 0.00
OCC_CHEM___DRP 24175	113.49 -8.05 0.00	103.51 -8.05 0.00	104.24 -7.43 0.00	71.18 -5.50 0.00	92.55 -7.11 0.00	74.07 -7.15 0.00	115.32 -12.98 0.00	131.94 -16.09 0.00	102.91 -12.05 0.00	106.05 -12.54 0.00	97.07 -11.14 0.00	93.27 -9.56 0.00	91.84 -8.88 0.00	78.02 -7.17 0.00	84.99 -9.05 0.00	128.05 -11.48 0.00	118.21 -11.64 0.00	119.59 -11.03 0.00	95.43 -12.48 0.00	99.52 -14.56 0.00	92.58 -12.48 0.00	84.27 -10.76 0.00	95.16 -11.22 0.00	98.77 -10.54 0.00
OH_GEN_PROXY 24063	113.79 -7.75 0.00	102.58 -7.76 1.23	104.47 -7.20 0.00	69.31 -5.33 2.03	92.87 -6.80 0.00	60.95 -6.82 13.45	116.32 -11.98 0.00	133.74 -14.29 0.00	102.37 -10.72 1.87	107.44 -11.16 0.00	98.21 -10.00 0.00	94.32 -8.50 0.00	92.83 -7.89 0.00	78.85 -6.34 0.00	84.29 -8.21 1.55	112.61 -10.55 16.37	102.41 -10.72 16.72	83.09 -10.28 37.25	93.09 -11.25 3.57	101.08 -13.00 0.00	91.12 -11.35 2.59	78.57 -9.92 6.54	84.36 -10.57 11.45	93.01 -10.00 6.29
OLIN_CORP_DRP 24177	113.59 -7.95 0.00	103.77 -7.79 0.00	104.19 -7.48 0.00	71.30 -5.38 0.00	92.70 -6.97 0.00	73.92 -7.30 0.00	114.77 -13.53 0.00	131.98 -16.05 0.00	102.77 -12.19 0.00	105.96 -12.63 0.00	96.86 -11.36 0.00	93.01 -9.81 0.00	91.57 -9.16 0.00	77.94 -7.25 0.00	84.99 -9.05 0.00	127.33 -12.20 0.00	117.45 -12.40 0.00	119.09 -11.53 0.00	95.42 -12.49 0.00	99.59 -14.49 0.00	92.35 -12.71 0.00	84.27 -10.77 0.00	95.00 -11.38 0.00	98.89 -10.42 0.00
OLIN_CORP_DSASP 323712	113.49 -8.05 0.00	103.51 -8.05 0.00	104.24 -7.43 0.00	71.18 -5.50 0.00	92.55 -7.11 0.00	74.07 -7.15 0.00	115.32 -12.98 0.00	131.94 -16.09 0.00	102.91 -12.05 0.00	106.05 -12.54 0.00	97.07 -11.14 0.00	93.27 -9.56 0.00	91.84 -8.88 0.00	78.02 -7.17 0.00	84.99 -9.05 0.00	128.05 -11.48 0.00	118.21 -11.64 0.00	119.59 -11.03 0.00	95.43 -12.48 0.00	99.52 -14.56 0.00	92.58 -12.48 0.00	84.27 -10.76 0.00	95.16 -11.22 0.00	98.77 -10.54 0.00
ONEIDA_HERK_LFGE 323681	123.74 2.21 0.00	113.48 1.92 0.00	113.91 2.24 0.00	77.73 1.05 0.00	101.02 1.35 0.00	82.51 1.29 0.00	130.20 1.90 0.00	150.65 2.62 0.00	116.99 2.03 0.00	120.79 2.19 0.00	110.17 1.96 0.00	104.60 1.77 0.00	102.42 1.70 0.00	86.73 1.54 0.00	95.96 1.91 0.00	142.47 2.93 0.00	132.29 2.44 0.00	133.66 3.04 0.00	110.19 2.28 0.00	116.28 2.20 0.00	107.75 2.69 0.00	97.58 2.55 0.00	109.28 2.91 0.00	111.39 2.09 0.00
ONEIDA___115KV_TB4 55905	124.64 3.10 0.00	114.36 2.80 0.00	114.72 3.05 0.00	78.69 2.01 0.00	102.39 2.72 0.00	83.55 2.33 0.00	132.25 3.95 0.00	152.91 4.88 0.00	118.73 3.77 0.00	122.50 3.90 0.00	111.75 3.54 0.00	106.03 3.21 0.00	103.82 3.09 0.00	87.90 2.71 0.00	97.01 2.97 0.00	144.27 4.74 0.00	133.98 4.12 0.00	135.00 4.38 0.00	111.25 3.33 0.00	117.14 3.06 0.00	107.93 2.87 0.00	97.43 2.40 0.00	109.01 2.63 0.00	111.74 2.44 0.00
ONONDAGA_REF_OCCRA 23987	119.82 -1.71 0.00	109.89 -1.67 0.00	110.14 -1.53 0.00	75.56 -1.12 0.00	98.36 -1.31 0.00	80.03 -1.20 0.00	126.74 -1.56 0.00	146.33 -1.70 0.00	113.61 -1.36 0.00	117.17 -1.42 0.00	106.97 -1.24 0.00	101.58 -1.24 0.00	99.48 -1.24 0.00	84.13 -1.06 0.00	93.00 -1.05 0.00	137.91 -1.62 0.00	128.26 -1.59 0.00	129.14 -1.48 0.00	106.45 -1.46 0.00	112.31 -1.77 0.00	103.24 -1.82 0.00	93.28 -1.75 0.00	104.53 -1.85 0.00	107.47 -1.83 0.00
ONONDAGA___COGEN 23986	119.57 -1.96 0.00	109.68 -1.88 0.00	109.87 -1.80 0.00	75.37 -1.31 0.00	98.10 -1.57 0.00	79.84 -1.38 0.00	126.46 -1.85 0.00	146.01 -2.01 0.00	113.37 -1.60 0.00	116.90 -1.69 0.00	106.69 -1.53 0.00	101.37 -1.45 0.00	99.26 -1.46 0.00	83.94 -1.25 0.00	92.61 -1.43 0.00	137.60 -1.94 0.00	128.13 -1.72 0.00	128.97 -1.64 0.00	106.34 -1.58 0.00	112.25 -1.83 0.00	103.13 -1.93 0.00	93.22 -1.81 0.00	104.44 -1.94 0.00	107.41 -1.90 0.00
ONTARIO___LFGE 23819	119.78 -1.76 0.00	109.31 -1.88 0.36	109.99 -1.67 0.00	74.76 -1.31 0.61	98.14 -1.53 0.00	79.31 -1.50 0.42	126.20 -2.10 0.00	145.81 -2.22 0.00	112.73 -1.68 0.56	116.70 -1.90 0.00	106.52 -1.69 0.00	101.08 -1.74 0.00	98.76 -1.96 0.00	83.66 -1.53 0.00	91.74 -1.85 0.46	132.82 -1.78 4.93	123.23 -1.59 5.03	118.20 -1.21 11.21	104.87 -1.97 1.08	111.50 -2.58 0.00	101.80 -2.48 0.78	90.72 -2.35 1.96	100.35 -2.65 3.38	104.88 -2.53 1.89
ORANGEVILLE_WT_PWR 323706	113.81 -7.73 0.00	103.41 -7.59 0.56	104.51 -7.16 0.00	70.38 -5.37 0.93	92.50 -7.17 0.00	73.62 -6.97 0.64	116.66 -11.64 0.00	134.49 -13.54 0.00	103.74 -10.37 0.85	107.52 -11.07 0.00	98.24 -9.97 0.00	93.55 -9.27 0.00	92.16 -8.57 0.00	78.42 -6.77 0.00	85.16 -8.18 0.70	121.82 -9.82 7.90	112.60 -9.18 8.07	104.02 -8.63 17.97	96.65 -9.54 1.72	103.23 -10.85 0.00	94.37 -9.44 1.25	83.47 -8.41 3.14	91.54 -9.42 5.42	97.70 -8.57 3.03
ORANGEVILLE___ESR 323794	113.81 -7.73 0.00	103.41 -7.59 0.56	104.51 -7.16 0.00	70.38 -5.37 0.93	92.50 -7.17 0.00	73.62 -6.97 0.64	116.66 -11.64 0.00	134.49 -13.54 0.00	103.74 -10.37 0.85	107.52 -11.07 0.00	98.24 -9.97 0.00	93.55 -9.27 0.00	92.16 -8.57 0.00	78.42 -6.77 0.00	85.16 -8.18 0.70	121.82 -9.82 7.90	112.60 -9.18 8.07	104.02 -8.63 17.97	96.65 -9.54 1.72	103.23 -10.85 0.00	94.37 -9.44 1.25	83.47 -8.41 3.14	91.54 -9.42 5.42	97.70 -8.57 3.03
OSWEGATCHIE___HYD 24044	121.98 0.44 0.00	112.04 0.48 0.00	112.51 0.84 0.00	76.63 -0.05 0.00	99.10 -0.57 0.00	81.03 -0.19 0.00	126.74 -1.56 0.00	146.65 -1.38 0.00	114.06 -0.90 0.00	117.80 -0.79 0.00	107.67 -0.54 0.00	102.46 -0.36 0.00	100.37 -0.36 0.00	84.78 -0.41 0.00	93.75 -0.30 0.00	138.76 -0.78 0.00	127.99 -1.86 0.00	129.31 -1.30 0.00	106.82 -1.10 0.00	112.73 -1.35 0.00	104.81 -0.24 0.00	95.69 0.66 0.00	107.87 1.49 0.00	109.97 0.67 0.00
OSWEGO___5 23606	117.50 -4.03 0.00	107.82 -3.74 0.00	107.98 -3.69 0.00	74.09 -2.59 0.00	96.39 -3.27 0.00	78.43 -2.79 0.00	124.01 -4.29 0.00	143.15 -4.88 0.00	111.20 -3.76 0.00	114.68 -3.91 0.00	104.64 -3.57 0.00	99.44 -3.38 0.00	97.41 -3.31 0.00	82.41 -2.78 0.00	90.86 -3.19 0.00	135.04 -4.49 0.00	125.65 -4.20 0.00	126.52 -4.09 0.00	104.29 -3.62 0.00	110.10 -3.98 0.00	101.33 -3.73 0.00	91.65 -3.38 0.00	102.71 -3.67 0.00	105.71 -3.60 0.00
OSWEGO___6 23613	117.50 -4.03 0.00	107.82 -3.74 0.00	107.98 -3.69 0.00	74.09 -2.59 0.00	96.39 -3.27 0.00	78.43 -2.79 0.00	124.01 -4.29 0.00	143.15 -4.88 0.00	111.20 -3.76 0.00	114.68 -3.91 0.00	104.64 -3.57 0.00	99.44 -3.38 0.00	97.41 -3.31 0.00	82.41 -2.78 0.00	90.86 -3.19 0.00	135.04 -4.49 0.00	125.65 -4.20 0.00	126.52 -4.09 0.00	104.29 -3.62 0.00	110.10 -3.98 0.00	101.33 -3.73 0.00	91.65 -3.38 0.00	102.71 -3.67 0.00	105.71 -3.60 0.00

OUTOKUMPU-AB___DRP 24206	115.20 -6.34 0.00	104.98 -6.59 0.00	105.54 -6.12 0.00	72.09 -4.58 0.00	93.77 -5.90 0.00	75.11 -6.11 0.00	117.04 -11.26 0.00	134.64 -13.39 0.00	104.84 -10.13 0.00	107.97 -10.63 0.00	98.76 -9.45 0.00	94.68 -8.14 0.00	93.19 -7.53 0.00	79.18 -6.01 0.00	86.38 -7.66 0.00	129.94 -9.59 0.00	120.01 -9.84 0.00	121.65 -8.97 0.00	97.34 -10.57 0.00	101.64 -12.44 0.00	94.31 -10.75 0.00	85.71 -9.32 0.00	96.52 -9.86 0.00	100.20 -9.11 0.00
OXBOW___BTM 323836	114.19 -7.35 0.00	102.90 -7.47 1.19	104.76 -6.91 0.00	69.52 -5.18 1.98	93.02 -6.65 0.00	73.13 -6.73 1.36	115.65 -12.65 0.00	132.66 -15.37 0.00	101.69 -11.45 1.82	106.54 -12.05 0.00	97.49 -10.72 0.00	93.60 -9.22 0.00	92.13 -8.60 0.00	78.30 -6.90 0.00	83.76 -8.78 1.50	112.73 -11.04 15.76	102.61 -11.14 16.10	84.41 -10.36 35.85	92.55 -11.92 3.44	100.13 -13.95 0.00	90.57 -12.00 2.49	78.38 -10.38 6.27	84.68 -10.89 10.81	93.09 -10.16 6.05
OXBOW___ 24026	114.20 -7.33 0.00	104.09 -7.47 0.00	104.75 -6.91 0.00	71.52 -5.16 0.00	93.02 -6.64 0.00	74.50 -6.72 0.00	115.67 -12.63 0.00	132.67 -15.36 0.00	103.39 -11.57 0.00	106.54 -12.05 0.00	97.49 -10.72 0.00	93.59 -9.23 0.00	92.15 -8.58 0.00	78.29 -6.89 0.00	85.32 -8.72 0.00	128.44 -11.09 0.00	118.60 -11.25 0.00	120.16 -10.46 0.00	95.98 -11.94 0.00	100.14 -13.94 0.00	93.01 -12.04 0.00	84.60 -10.43 0.00	95.39 -10.99 0.00	99.09 -10.21 0.00
OXY_CHEM_DSASP 323612	113.49 -8.05 0.00	103.51 -8.05 0.00	104.24 -7.43 0.00	71.18 -5.50 0.00	92.55 -7.11 0.00	74.07 -7.15 0.00	115.32 -12.98 0.00	131.94 -16.09 0.00	102.91 -12.05 0.00	106.05 -12.54 0.00	97.07 -11.14 0.00	93.27 -9.56 0.00	91.84 -8.88 0.00	78.02 -7.17 0.00	84.99 -9.05 0.00	128.05 -11.48 0.00	118.21 -11.64 0.00	119.59 -11.03 0.00	95.43 -12.48 0.00	99.52 -14.56 0.00	92.58 -12.48 0.00	84.27 -10.76 0.00	95.16 -11.22 0.00	98.77 -10.54 0.00
OZONE_PARK_ESR 323760	127.46 5.93 0.00	116.39 4.83 0.00	116.54 4.87 0.00	80.29 3.62 0.00	104.35 4.68 0.00	85.68 4.46 0.00	136.25 7.95 0.00	157.94 9.91 0.00	122.67 7.71 0.00	126.67 8.07 0.00	115.26 7.05 0.00	109.10 6.28 0.00	106.58 5.86 0.00	89.81 4.63 0.00	99.14 5.10 0.00	147.00 7.46 0.00	137.94 8.09 0.00	139.23 8.61 0.00	115.31 7.40 0.00	121.97 7.89 0.00	111.45 6.39 0.00	100.19 5.15 0.00	111.97 5.59 0.00	114.57 5.27 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	113.49 -8.05 0.00	103.51 -8.05 0.00	104.24 -7.43 0.00	71.18 -5.50 0.00	92.55 -7.11 0.00	74.07 -7.15 0.00	115.32 -12.98 0.00	131.94 -16.09 0.00	102.91 -12.05 0.00	106.05 -12.54 0.00	97.07 -11.14 0.00	93.27 -9.56 0.00	91.84 -8.88 0.00	78.02 -7.17 0.00	84.99 -9.05 0.00	128.05 -11.48 0.00	118.21 -11.64 0.00	119.59 -11.03 0.00	95.43 -12.48 0.00	99.52 -14.56 0.00	92.58 -12.48 0.00	84.27 -10.76 0.00	95.16 -11.22 0.00	98.77 -10.54 0.00
PACKARD___115KV_DUPONT_184 80571	113.49 -8.05 0.00	102.32 -8.06 1.18	104.22 -7.45 0.00	69.22 -5.51 1.95	92.56 -7.11 0.00	72.73 -7.15 1.34	115.30 -13.00 0.00	131.92 -16.10 0.00	101.23 -11.93 1.80	106.05 -12.54 0.00	97.08 -11.13 0.00	93.28 -9.54 0.00	91.82 -8.91 0.00	78.03 -7.16 0.00	83.43 -9.13 1.49	112.47 -11.43 15.63	102.35 -11.53 15.97	84.16 -10.89 35.56	92.03 -12.47 3.41	99.53 -14.55 0.00	90.12 -12.47 2.47	78.10 -10.71 6.22	84.51 -11.15 10.72	92.84 -10.46 6.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	125.79 4.25 0.00	114.92 3.35 0.00	115.19 3.52 0.00	79.46 2.78 0.00	103.17 3.50 0.00	84.74 3.52 0.00	134.49 6.19 0.00	155.98 7.95 0.00	121.16 6.19 0.00	125.05 6.45 0.00	113.84 5.63 0.00	107.72 4.89 0.00	105.22 4.50 0.00	88.65 3.46 0.00	97.93 3.88 0.00	145.06 5.53 0.00	136.11 6.26 0.00	137.32 6.70 0.00	113.87 5.96 0.00	120.37 6.29 0.00	110.03 4.97 0.00	98.98 3.95 0.00	110.65 4.27 0.00	113.14 3.84 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	128.17 6.64 0.00	117.22 5.66 0.00	117.58 5.91 0.00	81.07 4.40 0.00	105.28 5.61 0.00	86.50 5.28 0.00	137.37 9.07 0.00	159.26 11.23 0.00	123.69 8.72 0.00	127.56 8.97 0.00	116.00 7.79 0.00	109.72 6.90 0.00	107.16 6.43 0.00	90.35 5.16 0.00	99.72 5.68 0.00	147.88 8.35 0.00	138.77 8.92 0.00	140.00 9.38 0.00	115.99 8.08 0.00	122.58 8.50 0.00	112.01 6.95 0.00	100.80 5.77 0.00	112.66 6.29 0.00	115.22 5.91 0.00
PATROON___115KV_TB1 80586	126.91 5.38 0.00	116.50 4.94 0.00	116.64 4.97 0.00	80.15 3.47 0.00	104.23 4.56 0.00	84.87 3.65 0.00	133.86 5.55 0.00	154.48 6.46 0.00	119.91 4.95 0.00	123.56 4.97 0.00	112.89 4.68 0.00	107.16 4.34 0.00	104.99 4.26 0.00	88.65 3.46 0.00	97.40 3.35 0.00	143.83 4.29 0.00	133.96 4.11 0.00	134.66 4.05 0.00	111.47 3.55 0.00	117.81 3.73 0.00	108.40 3.35 0.00	98.16 3.13 0.00	110.31 3.94 0.00	113.26 3.96 0.00
PATTRSNVILLE___SOLAR 323815	125.63 4.10 0.00	115.36 3.80 0.00	115.44 3.77 0.00	79.29 2.61 0.00	103.11 3.45 0.00	84.05 2.83 0.00	133.00 4.70 0.00	153.63 5.61 0.00	118.97 4.01 0.00	122.25 3.65 0.00	111.33 3.12 0.00	105.47 2.65 0.00	103.27 2.54 0.00	87.51 2.33 0.00	97.03 2.98 0.00	144.21 4.68 0.00	134.59 4.74 0.00	135.59 4.97 0.00	111.86 3.95 0.00	118.24 4.16 0.00	108.69 3.63 0.00	98.30 3.27 0.00	109.88 3.50 0.00	112.73 3.43 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	117.63 -3.90 0.00	107.15 -4.41 0.00	107.70 -3.97 0.00	73.59 -3.09 0.00	95.74 -3.92 0.00	77.03 -4.19 0.00	120.67 -7.63 0.00	139.03 -9.00 0.00	108.15 -6.81 0.00	111.37 -7.23 0.00	101.74 -6.47 0.00	97.58 -5.24 0.00	96.09 -4.63 0.00	81.59 -3.60 0.00	89.06 -4.99 0.00	133.79 -5.74 0.00	123.77 -6.08 0.00	124.97 -5.64 0.00	100.47 -7.44 0.00	105.21 -8.87 0.00	97.46 -7.60 0.00	88.36 -6.67 0.00	99.34 -7.04 0.00	102.89 -6.41 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	127.79 6.26 0.00	116.82 5.26 0.00	116.98 5.31 0.00	80.56 3.88 0.00	104.77 5.10 0.00	85.85 4.63 0.00	136.43 8.13 0.00	157.80 9.77 0.00	122.47 7.51 0.00	126.31 7.72 0.00	114.94 6.73 0.00	108.79 5.97 0.00	106.23 5.51 0.00	89.58 4.39 0.00	98.97 4.93 0.00	146.87 7.34 0.00	137.74 7.89 0.00	139.08 8.46 0.00	115.21 7.30 0.00	121.94 7.86 0.00	111.47 6.41 0.00	100.24 5.21 0.00	111.97 5.59 0.00	114.67 5.36 0.00
PEEKSKILL___ 23653	125.47 3.94 0.00	114.63 3.07 0.00	114.83 3.16 0.00	79.11 2.43 0.00	102.83 3.17 0.00	84.30 3.08 0.00	133.85 5.55 0.00	154.82 6.79 0.00	120.19 5.23 0.00	124.05 5.46 0.00	112.97 4.75 0.00	106.95 4.12 0.00	104.51 3.78 0.00	88.06 2.88 0.00	97.27 3.23 0.00	144.25 4.72 0.00	135.19 5.34 0.00	136.42 5.80 0.00	113.07 5.16 0.00	119.73 5.65 0.00	109.48 4.42 0.00	98.45 3.42 0.00	110.04 3.66 0.00	112.74 3.43 0.00
PGE MADISON___WINDPWR 24146	126.31 4.77 0.00	115.66 4.10 0.00	116.67 5.00 0.00	79.53 2.85 0.00	103.55 3.89 0.00	84.05 2.83 0.00	133.72 5.42 0.00	154.90 6.87 0.00	119.46 4.50 0.00	123.16 4.56 0.00	113.10 4.89 0.00	107.74 4.92 0.00	105.66 4.94 0.00	89.06 3.88 0.00	98.27 4.22 0.00	147.05 7.51 0.00	137.20 7.35 0.00	138.09 7.47 0.00	113.09 5.18 0.00	119.62 5.54 0.00	109.82 4.76 0.00	99.87 4.84 0.00	112.47 6.09 0.00	115.45 6.15 0.00

PIERCEFIELD___HYD 23852	123.08 1.55 0.00	113.24 1.68 0.00	113.33 1.66 0.00	77.65 0.97 0.00	100.14 0.47 0.00	81.81 0.59 0.00	127.47 -0.83 0.00	147.26 -0.76 0.00	114.63 -0.34 0.00	118.29 -0.31 0.00	108.24 0.03 0.00	103.10 0.28 0.00	101.12 0.39 0.00	85.35 0.16 0.00	94.11 0.06 0.00	139.12 -0.41 0.00	128.77 -1.09 0.00	129.53 -1.08 0.00	107.14 -0.78 0.00	113.03 -1.06 0.00	104.74 -0.32 0.00	95.66 0.63 0.00	107.53 1.16 0.00	110.44 1.14 0.00
PINELAWN_CC_1 323563	128.51 6.97 0.00	117.34 5.78 0.00	117.87 6.20 0.00	81.19 4.52 0.00	105.56 5.89 0.00	87.02 5.80 0.00	138.69 9.23 -1.15	160.16 10.26 -1.87	123.90 8.40 -0.54	126.86 8.23 -0.03	115.48 7.27 0.00	108.94 6.11 0.00	106.47 5.74 0.00	90.02 4.83 0.00	100.02 5.98 0.00	148.61 8.58 -0.49	139.80 9.60 -0.35	140.78 9.73 -0.43	119.72 8.84 -2.97	123.80 9.48 -0.24	124.71 7.87 -11.79	126.77 6.55 -25.18	122.27 7.56 -8.33	116.58 7.27 0.00
PJM_GEN_HTTP_PROXY 323702	126.17 4.64 0.00	115.17 3.61 0.00	115.36 3.70 0.00	79.51 2.84 0.00	103.34 3.68 0.00	84.83 3.60 0.00	134.75 6.45 0.00	156.07 8.04 0.00	121.27 6.31 0.00	125.23 6.64 0.00	113.97 5.76 0.00	107.91 5.09 0.00	105.41 4.69 0.00	88.80 3.61 0.00	98.07 4.03 0.00	145.42 5.89 0.00	136.35 6.50 0.00	137.57 6.95 0.00	113.96 6.04 0.00	120.55 6.47 0.00	110.18 5.12 0.00	99.05 4.02 0.00	110.72 4.34 0.00	113.39 4.08 0.00
PJM_GEN_KEystone 24065	47.72 -2.11 71.71	107.92 -2.46 1.18	109.47 -2.20 0.00	73.17 -1.55 1.96	97.80 -1.86 0.00	78.16 -1.72 1.34	125.72 -2.58 0.00	145.23 -2.80 0.00	111.00 -2.16 1.80	116.32 -2.27 0.00	106.19 -2.02 0.00	100.91 -1.91 0.00	98.88 -1.85 0.00	36.38 -1.66 47.15	47.16 -2.32 44.56	71.76 -2.94 64.83	49.68 -2.54 77.63	31.86 -2.38 96.37	54.13 -2.33 51.46	63.58 -2.58 47.92	74.02 -2.76 28.28	64.93 -2.80 27.29	56.97 -3.09 46.31	52.15 -3.03 54.12
PJM_GEN_NEPTUNE_PROXY 323594	126.85 5.32 0.00	116.00 4.44 0.00	116.42 4.75 0.00	80.21 3.53 0.00	104.26 4.59 0.00	85.85 4.63 0.00	135.68 7.38 0.00	156.22 8.19 0.00	121.79 6.83 0.00	125.39 6.79 0.00	114.31 6.10 0.00	107.99 5.17 0.00	105.57 4.85 0.00	89.17 3.99 0.00	98.89 4.85 0.00	146.25 6.72 0.00	137.41 7.55 0.00	138.29 7.67 0.00	117.94 7.06 -2.97	121.93 7.61 -0.24	123.03 6.19 -11.79	123.73 5.05 -23.65	118.94 5.90 -6.66	114.89 5.59 0.00
PJM_GEN_VFT_PROXY 323633	125.44 3.91 0.00	114.54 2.98 0.00	114.72 3.05 0.00	79.08 2.40 0.00	102.76 3.09 0.00	84.37 3.15 0.00	134.09 5.79 0.00	155.33 7.30 0.00	120.65 5.69 0.00	124.61 6.02 0.00	113.37 5.16 0.00	107.31 4.49 0.00	104.87 4.14 0.00	88.32 3.13 0.00	97.51 3.47 0.00	144.57 5.04 0.00	135.59 5.73 0.00	136.88 6.26 0.00	113.40 5.49 0.00	120.05 5.97 0.00	109.66 4.60 0.00	98.58 3.55 0.00	110.24 3.86 0.00	112.83 3.53 0.00
PLATSBURG_115KV_PMLD1 355749	120.92 -0.62 0.00	112.07 0.51 0.00	111.94 0.27 0.00	76.90 0.22 0.00	99.48 -0.18 0.00	81.43 0.20 0.00	128.23 -0.08 0.00	147.83 -0.20 0.00	115.10 0.14 0.00	118.95 0.35 0.00	108.67 0.45 0.00	103.56 0.73 0.00	102.00 1.27 0.00	86.67 1.48 0.00	95.57 1.52 0.00	141.58 2.05 0.00	132.29 2.44 0.00	133.03 2.41 0.00	110.59 2.67 0.00	116.84 2.76 0.00	108.01 2.95 0.00	98.22 3.19 0.00	109.67 3.29 0.00	112.21 2.90 0.00
PLEASANTVLY___LBMP 24000	125.66 4.13 0.00	114.95 3.39 0.00	115.14 3.47 0.00	79.28 2.60 0.00	103.07 3.40 0.00	84.38 3.16 0.00	133.85 5.55 0.00	154.63 6.60 0.00	120.09 5.12 0.00	123.95 5.36 0.00	112.93 4.72 0.00	106.96 4.14 0.00	104.52 3.79 0.00	88.13 2.94 0.00	97.31 3.26 0.00	144.16 4.63 0.00	135.01 5.16 0.00	136.16 5.55 0.00	112.85 4.93 0.00	119.48 5.40 0.00	109.29 4.24 0.00	98.34 3.31 0.00	109.97 3.59 0.00	112.72 3.42 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	126.22 4.69 0.00	115.37 3.81 0.00	115.57 3.90 0.00	79.59 2.91 0.00	103.46 3.79 0.00	84.82 3.60 0.00	134.67 6.37 0.00	155.79 7.76 0.00	121.01 6.04 0.00	124.88 6.29 0.00	113.71 5.50 0.00	107.69 4.87 0.00	105.22 4.49 0.00	88.70 3.51 0.00	97.96 3.92 0.00	145.19 5.66 0.00	136.11 6.26 0.00	137.30 6.69 0.00	113.81 5.89 0.00	120.44 6.36 0.00	110.05 5.00 0.00	98.95 3.92 0.00	110.63 4.25 0.00	113.34 4.04 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	126.22 4.69 0.00	115.37 3.81 0.00	115.57 3.90 0.00	79.59 2.91 0.00	103.46 3.79 0.00	84.82 3.60 0.00	134.67 6.37 0.00	155.79 7.76 0.00	121.01 6.04 0.00	124.88 6.29 0.00	113.71 5.50 0.00	107.69 4.87 0.00	105.22 4.49 0.00	88.70 3.51 0.00	97.96 3.92 0.00	145.19 5.66 0.00	136.11 6.26 0.00	137.30 6.69 0.00	113.81 5.89 0.00	120.44 6.36 0.00	110.05 5.00 0.00	98.95 3.92 0.00	110.63 4.25 0.00	113.34 4.04 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	127.36 5.82 0.00	116.49 4.94 0.00	116.65 4.98 0.00	80.32 3.64 0.00	104.43 4.77 0.00	85.51 4.29 0.00	135.79 7.49 0.00	156.96 8.93 0.00	121.87 6.91 0.00	125.60 7.01 0.00	114.34 6.13 0.00	108.22 5.40 0.00	105.70 4.97 0.00	89.14 3.96 0.00	98.49 4.45 0.00	146.17 6.64 0.00	137.04 7.19 0.00	138.35 7.73 0.00	114.57 6.66 0.00	121.30 7.23 0.00	110.94 5.88 0.00	99.79 4.76 0.00	111.49 5.11 0.00	114.24 4.93 0.00
POLETTI____ 23519	124.15 2.62 0.00	113.23 1.67 0.00	113.73 2.06 0.00	78.65 1.97 0.00	102.07 2.40 0.00	83.90 2.68 0.00	132.97 4.67 0.00	154.36 6.33 0.00	119.87 4.91 0.00	123.81 5.22 0.00	112.84 4.63 0.00	106.79 3.97 0.00	104.32 3.60 0.00	87.85 2.66 0.00	97.03 2.99 0.00	143.75 4.22 0.00	134.91 5.06 0.00	135.94 5.32 0.00	112.97 5.06 0.00	119.55 5.46 0.00	109.23 4.17 0.00	98.09 3.06 0.00	109.72 3.34 0.00	112.28 2.98 0.00
POMONA___ESR 323819	124.99 3.45 0.00	114.18 2.62 0.00	114.39 2.73 0.00	78.78 2.10 0.00	102.43 2.77 0.00	83.94 2.72 0.00	133.34 5.04 0.00	154.24 6.21 0.00	119.70 4.74 0.00	123.57 4.97 0.00	112.55 4.34 0.00	106.53 3.71 0.00	104.06 3.34 0.00	87.67 2.49 0.00	96.84 2.80 0.00	143.62 4.09 0.00	134.61 4.76 0.00	135.84 5.23 0.00	112.58 4.66 0.00	119.28 5.20 0.00	109.06 4.00 0.00	98.06 3.03 0.00	109.59 3.22 0.00	112.32 3.02 0.00
PORT_JEFF_3 23555	128.95 7.42 0.00	117.75 6.18 0.00	118.34 6.67 0.00	81.58 4.90 0.00	106.06 6.39 0.00	87.49 6.27 0.00	164.61 9.99 -26.31	186.31 10.87 -27.42	134.77 8.89 -10.92	127.22 8.44 -0.18	115.51 7.30 0.00	108.97 6.14 0.00	106.54 5.81 0.00	90.09 4.90 0.00	100.27 6.23 0.00	151.27 8.90 -2.84	141.71 9.83 -2.03	143.02 9.90 -2.50	119.90 9.02 -2.97	124.07 9.75 -0.24	125.14 8.29 -11.79	161.66 7.02 -59.61	160.60 8.26 -45.96	117.17 7.87 0.00
PORT_JEFF_4 23616	128.95 7.42 0.00	117.75 6.18 0.00	118.34 6.67 0.00	81.58 4.90 0.00	106.06 6.39 0.00	87.49 6.27 0.00	164.61 9.99 -26.31	186.31 10.87 -27.42	134.77 8.89 -10.92	127.22 8.44 -0.18	115.51 7.30 0.00	108.97 6.14 0.00	106.54 5.81 0.00	90.09 4.90 0.00	100.27 6.23 0.00	151.27 8.90 -2.84	141.71 9.83 -2.03	143.02 9.90 -2.50	119.90 9.02 -2.97	124.07 9.75 -0.24	125.14 8.29 -11.79	161.66 7.02 -59.61	160.60 8.26 -45.96	117.17 7.87 0.00

PORT_JEFF_IC 23713	129.19 7.65 0.00	117.94 6.38 0.00	118.53 6.87 0.00	81.72 5.04 0.00	106.26 6.59 0.00	87.65 6.43 0.00	166.30 10.27 -27.73	186.89 11.17 -27.69	135.51 9.14 -11.41	127.39 8.65 -0.15	115.71 7.50 0.00	109.16 6.34 0.00	106.68 5.96 0.00	90.22 5.03 0.00	100.46 6.41 0.00	150.93 9.11 -2.28	141.65 10.17 -1.63	142.90 10.27 -2.01	120.21 9.33 -2.97	124.35 10.03 -0.24	125.44 8.60 -11.79	164.76 7.29 -62.44	164.01 8.57 -49.05	117.41 8.11 0.00
PPL PILGRIM_ST_GT1 24216	129.29 7.76 0.00	118.05 6.49 0.00	118.68 7.01 0.00	81.81 5.13 0.00	106.37 6.70 0.00	87.69 6.47 0.00	140.69 9.96 -2.42	165.85 11.25 -6.57	125.41 9.09 -1.35	127.68 8.92 -0.16	116.09 7.88 0.00	109.57 6.75 0.00	107.10 6.38 0.00	90.54 5.35 0.00	100.65 6.61 0.00	151.65 9.65 -2.46	142.12 10.50 -1.76	143.16 10.37 -2.17	120.17 9.29 -2.97	124.25 9.93 -0.24	125.24 8.39 -11.79	129.04 7.14 -26.87	124.83 8.27 -10.18	117.41 8.11 0.00
PPL PILGRIM_ST_GT2 24217	129.29 7.76 0.00	118.05 6.49 0.00	118.68 7.01 0.00	81.81 5.13 0.00	106.37 6.70 0.00	87.69 6.47 0.00	140.69 9.96 -2.42	165.85 11.25 -6.57	125.41 9.09 -1.35	127.68 8.92 -0.16	116.09 7.88 0.00	109.57 6.75 0.00	107.10 6.38 0.00	90.54 5.35 0.00	100.65 6.61 0.00	151.65 9.65 -2.46	142.12 10.50 -1.76	143.16 10.37 -2.17	120.17 9.29 -2.97	124.25 9.93 -0.24	125.24 8.39 -11.79	129.04 7.14 -26.87	124.83 8.27 -10.18	117.41 8.11 0.00
PPL_SHRM_GT3 24213	129.74 8.20 0.00	118.36 6.80 0.00	118.98 7.31 0.00	82.02 5.34 0.00	106.68 7.01 0.00	88.06 6.84 0.00	165.53 11.09 -26.14	186.93 11.89 -27.02	135.47 9.68 -10.83	127.73 8.96 -0.17	115.72 7.51 0.00	109.06 6.23 0.00	106.55 5.83 0.00	90.16 4.97 0.00	100.59 6.54 0.00	151.49 9.24 -2.72	141.70 9.91 -1.94	143.02 10.01 -2.39	119.91 9.02 -2.97	124.01 9.69 -0.24	125.62 8.78 -11.79	161.96 7.69 -59.24	161.01 9.08 -45.55	117.95 8.64 0.00
PPL_SHRM_GT4 24214	129.74 8.20 0.00	118.36 6.80 0.00	118.98 7.31 0.00	82.02 5.34 0.00	106.68 7.01 0.00	88.06 6.84 0.00	165.53 11.09 -26.14	186.93 11.89 -27.02	135.47 9.68 -10.83	127.73 8.96 -0.17	115.72 7.51 0.00	109.06 6.23 0.00	106.55 5.83 0.00	90.16 4.97 0.00	100.59 6.54 0.00	151.49 9.24 -2.72	141.70 9.91 -1.94	143.02 10.01 -2.39	119.91 9.02 -2.97	124.01 9.69 -0.24	125.62 8.78 -11.79	161.96 7.69 -59.24	161.01 9.08 -45.55	117.95 8.64 0.00
PROJECT___ORANGE 1 24174	118.89 -2.64 0.00	109.05 -2.51 0.00	109.30 -2.37 0.00	74.99 -1.69 0.00	97.59 -2.08 0.00	79.40 -1.82 0.00	125.66 -2.64 0.00	145.13 -2.90 0.00	112.68 -2.29 0.00	116.23 -2.36 0.00	106.15 -2.07 0.00	100.86 -1.96 0.00	98.76 -1.96 0.00	83.55 -1.64 0.00	92.14 -1.90 0.00	136.93 -2.61 0.00	127.43 -2.42 0.00	128.29 -2.33 0.00	105.66 -2.25 0.00	111.49 -2.59 0.00	102.54 -2.52 0.00	92.64 -2.39 0.00	103.79 -2.59 0.00	106.76 -2.54 0.00
PROJECT___ORANGE 2 24166	118.89 -2.64 0.00	109.05 -2.51 0.00	109.30 -2.37 0.00	74.99 -1.69 0.00	97.59 -2.08 0.00	79.40 -1.82 0.00	125.66 -2.64 0.00	145.13 -2.90 0.00	112.68 -2.29 0.00	116.23 -2.36 0.00	106.15 -2.07 0.00	100.86 -1.96 0.00	98.76 -1.96 0.00	83.55 -1.64 0.00	92.14 -1.90 0.00	136.93 -2.61 0.00	127.43 -2.42 0.00	128.29 -2.33 0.00	105.66 -2.25 0.00	111.49 -2.59 0.00	102.54 -2.52 0.00	92.64 -2.39 0.00	103.79 -2.59 0.00	106.76 -2.54 0.00
PUCKETT___SOLAR 323809	121.69 0.16 0.00	112.14 0.01 -0.56	111.92 0.25 0.00	77.66 0.05 -0.93	99.89 0.22 0.00	81.88 0.01 -0.64	128.80 0.50 0.00	149.15 1.12 0.00	116.55 0.72 -0.86	119.00 0.40 0.00	108.79 0.57 0.00	103.29 0.47 0.00	101.36 0.63 0.00	85.65 0.46 0.00	95.02 0.27 -0.71	148.41 1.30 -7.58	139.03 1.44 -7.75	149.35 1.49 -17.25	110.49 0.92 -1.66	115.00 0.92 0.00	106.94 0.68 -1.20	98.50 0.46 -3.01	112.15 0.58 -5.19	112.92 0.71 -2.91
PYRITES___HYD 24023	125.38 3.85 0.00	115.46 3.90 0.00	115.49 3.82 0.00	79.29 2.61 0.00	102.25 2.58 0.00	83.54 2.31 0.00	130.59 2.29 0.00	150.96 2.94 0.00	117.48 2.52 0.00	121.11 2.51 0.00	110.61 2.40 0.00	105.28 2.46 0.00	103.25 2.53 0.00	87.21 2.02 0.00	96.25 2.21 0.00	142.56 3.03 0.00	132.28 2.43 0.00	133.05 2.43 0.00	110.10 2.18 0.00	115.95 1.87 0.00	107.43 2.37 0.00	98.05 3.02 0.00	109.75 3.37 0.00	112.65 3.34 0.00
QUAKERRD_115KV_BK1 80622	115.70 -5.83 0.00	105.88 -5.68 0.00	106.29 -5.38 0.00	72.79 -3.89 0.00	94.76 -4.91 0.00	76.76 -4.46 0.00	121.10 -7.20 0.00	139.77 -8.25 0.00	108.70 -6.26 0.00	112.09 -6.51 0.00	102.35 -5.86 0.00	97.48 -5.34 0.00	95.57 -5.15 0.00	81.05 -4.14 0.00	88.91 -5.13 0.00	132.91 -6.62 0.00	123.36 -6.49 0.00	124.44 -6.18 0.00	101.52 -6.39 0.00	106.71 -7.38 0.00	98.36 -6.70 0.00	88.93 -6.10 0.00	99.60 -6.78 0.00	102.68 -6.62 0.00
QUENSBRY_115KV_TB8 356137	130.99 9.45 0.00	120.51 8.95 0.00	120.65 8.98 0.00	82.91 6.23 0.00	107.86 8.19 0.00	88.22 7.00 0.00	140.01 11.71 0.00	162.05 14.02 0.00	125.73 10.76 0.00	128.69 10.10 0.00	117.08 8.86 0.00	111.24 8.42 0.00	109.08 8.35 0.00	92.46 7.27 0.00	102.00 7.96 0.00	151.24 11.70 0.00	141.60 11.75 0.00	142.40 11.78 0.00	117.74 9.82 0.00	124.16 10.08 0.00	113.79 8.74 0.00	102.90 7.87 0.00	114.83 8.45 0.00	117.24 7.94 0.00
RAMAPO___LBMP 323565	124.67 3.13 0.00	113.93 2.37 0.00	114.10 2.44 0.00	78.58 1.90 0.00	102.17 2.50 0.00	83.73 2.51 0.00	132.96 4.66 0.00	153.74 5.72 0.00	119.31 4.35 0.00	123.17 4.57 0.00	112.16 3.95 0.00	106.16 3.33 0.00	103.71 2.98 0.00	87.37 2.18 0.00	96.49 2.44 0.00	143.12 3.58 0.00	134.15 4.30 0.00	135.34 4.73 0.00	112.22 4.30 0.00	118.89 4.81 0.00	108.70 3.64 0.00	97.77 2.74 0.00	109.27 2.89 0.00	111.99 2.69 0.00
RANKINE____ 23646	116.57 -4.96 0.00	106.19 -5.38 0.00	106.82 -4.85 0.00	72.94 -3.74 0.00	94.85 -4.82 0.00	76.15 -5.08 0.00	119.22 -9.08 0.00	137.36 -10.67 0.00	106.88 -8.08 0.00	110.12 -8.47 0.00	100.65 -7.56 0.00	96.47 -6.35 0.00	95.03 -5.69 0.00	80.70 -4.48 0.00	88.02 -6.02 0.00	132.29 -7.24 0.00	122.24 -7.61 0.00	123.60 -7.01 0.00	99.35 -8.57 0.00	103.98 -10.10 0.00	96.41 -8.65 0.00	87.38 -7.66 0.00	98.20 -8.18 0.00	101.80 -7.50 0.00
RAVENSWOOD_GT2_1 24244	126.19 4.66 0.00	115.25 3.69 0.00	115.43 3.76 0.00	79.56 2.89 0.00	103.38 3.72 0.00	84.87 3.65 0.00	134.84 6.54 0.00	156.17 8.14 0.00	121.32 6.36 0.00	125.29 6.69 0.00	114.02 5.81 0.00	107.93 5.11 0.00	105.47 4.75 0.00	88.89 3.70 0.00	98.15 4.10 0.00	145.41 5.88 0.00	136.37 6.51 0.00	137.64 7.02 0.00	114.00 6.09 0.00	120.60 6.52 0.00	110.21 5.15 0.00	99.09 4.06 0.00	110.77 4.39 0.00	113.40 4.10 0.00
RAVENSWOOD_GT2_2 24245	126.19 4.66 0.00	115.25 3.69 0.00	115.43 3.76 0.00	79.56 2.89 0.00	103.38 3.72 0.00	84.87 3.65 0.00	134.84 6.54 0.00	156.17 8.14 0.00	121.32 6.36 0.00	125.29 6.69 0.00	114.02 5.81 0.00	107.93 5.11 0.00	105.47 4.75 0.00	88.89 3.70 0.00	98.15 4.10 0.00	145.41 5.88 0.00	136.37 6.51 0.00	137.64 7.02 0.00	114.00 6.09 0.00	120.60 6.52 0.00	110.21 5.15 0.00	99.09 4.06 0.00	110.77 4.39 0.00	113.40 4.10 0.00

RAVENSWOOD_GT2_3 24246	126.25 4.71 0.00	115.29 3.73 0.00	115.48 3.81 0.00	79.58 2.91 0.00	103.43 3.76 0.00	84.91 3.68 0.00	134.90 6.59 0.00	156.25 8.22 0.00	121.37 6.41 0.00	125.37 6.78 0.00	114.09 5.88 0.00	108.01 5.19 0.00	105.53 4.81 0.00	88.93 3.74 0.00	98.19 4.14 0.00	145.50 5.97 0.00	136.48 6.63 0.00	137.67 7.06 0.00	114.04 6.13 0.00	120.65 6.57 0.00	110.23 5.17 0.00	99.12 4.09 0.00	110.82 4.44 0.00	113.45 4.15 0.00
RAVENSWOOD_GT2_4 24247	126.25 4.71 0.00	115.29 3.73 0.00	115.48 3.81 0.00	79.58 2.91 0.00	103.43 3.76 0.00	84.91 3.68 0.00	134.90 6.59 0.00	156.25 8.22 0.00	121.37 6.41 0.00	125.37 6.78 0.00	114.09 5.88 0.00	108.01 5.19 0.00	105.53 4.81 0.00	88.93 3.74 0.00	98.19 4.14 0.00	145.50 5.97 0.00	136.48 6.63 0.00	137.67 7.06 0.00	114.04 6.13 0.00	120.65 6.57 0.00	110.23 5.17 0.00	99.12 4.09 0.00	110.82 4.44 0.00	113.45 4.15 0.00
RAVENSWOOD_GT3_1 24248	126.19 4.66 0.00	115.25 3.69 0.00	115.43 3.76 0.00	79.56 2.89 0.00	103.38 3.72 0.00	84.87 3.65 0.00	134.85 6.55 0.00	156.17 8.14 0.00	121.32 6.36 0.00	125.30 6.70 0.00	114.04 5.83 0.00	107.95 5.12 0.00	105.47 4.75 0.00	88.89 3.70 0.00	98.15 4.10 0.00	145.41 5.88 0.00	136.37 6.51 0.00	137.64 7.02 0.00	114.00 6.09 0.00	120.60 6.52 0.00	110.21 5.15 0.00	99.09 4.06 0.00	110.77 4.39 0.00	113.40 4.10 0.00
RAVENSWOOD_GT3_2 24249	126.19 4.66 0.00	115.25 3.69 0.00	115.43 3.76 0.00	79.56 2.89 0.00	103.38 3.72 0.00	84.87 3.65 0.00	134.85 6.55 0.00	156.17 8.14 0.00	121.32 6.36 0.00	125.30 6.70 0.00	114.04 5.83 0.00	107.95 5.12 0.00	105.47 4.75 0.00	88.89 3.70 0.00	98.15 4.10 0.00	145.41 5.88 0.00	136.37 6.51 0.00	137.64 7.02 0.00	114.00 6.09 0.00	120.60 6.52 0.00	110.21 5.15 0.00	99.09 4.06 0.00	110.77 4.39 0.00	113.40 4.10 0.00
RAVENSWOOD_GT3_3 24250	126.38 4.84 0.00	115.40 3.84 0.00	115.59 3.92 0.00	79.67 3.00 0.00	103.53 3.86 0.00	85.00 3.78 0.00	135.04 6.73 0.00	156.45 8.42 0.00	121.53 6.57 0.00	125.52 6.92 0.00	114.22 6.01 0.00	108.13 5.31 0.00	105.66 4.94 0.00	89.03 3.85 0.00	98.31 4.27 0.00	145.69 6.16 0.00	136.62 6.77 0.00	137.87 7.25 0.00	114.20 6.28 0.00	120.81 6.73 0.00	110.39 5.33 0.00	99.23 4.20 0.00	110.94 4.56 0.00	113.60 4.29 0.00
RAVENSWOOD_GT3_4 24251	126.38 4.84 0.00	115.40 3.84 0.00	115.59 3.92 0.00	79.67 3.00 0.00	103.53 3.86 0.00	85.00 3.78 0.00	135.04 6.73 0.00	156.45 8.42 0.00	121.53 6.57 0.00	125.52 6.92 0.00	114.22 6.01 0.00	108.13 5.31 0.00	105.66 4.94 0.00	89.03 3.85 0.00	98.31 4.27 0.00	145.69 6.16 0.00	136.62 6.77 0.00	137.87 7.25 0.00	114.20 6.28 0.00	120.81 6.73 0.00	110.39 5.33 0.00	99.23 4.20 0.00	110.94 4.56 0.00	113.60 4.29 0.00
RAVENSWOOD_GT_1 23729	126.10 4.56 0.00	115.14 3.58 0.00	115.35 3.68 0.00	79.53 2.85 0.00	103.29 3.62 0.00	84.86 3.64 0.00	134.86 6.56 0.00	156.29 8.27 0.00	121.40 6.44 0.00	125.38 6.79 0.00	114.10 5.89 0.00	107.99 5.17 0.00	105.48 4.76 0.00	88.88 3.70 0.00	98.15 4.10 0.00	145.35 5.82 0.00	136.36 6.51 0.00	137.58 6.97 0.00	113.96 6.05 0.00	120.50 6.42 0.00	110.07 5.02 0.00	99.04 4.02 0.00	110.71 4.33 0.00	113.27 3.97 0.00
RAVENSWOOD_GT_10 24258	126.21 4.68 0.00	115.28 3.72 0.00	115.43 3.77 0.00	79.56 2.89 0.00	103.39 3.72 0.00	84.87 3.65 0.00	134.86 6.56 0.00	156.18 8.15 0.00	121.33 6.37 0.00	125.32 6.72 0.00	114.04 5.83 0.00	107.95 5.13 0.00	105.47 4.75 0.00	88.89 3.70 0.00	98.16 4.11 0.00	145.41 5.88 0.00	136.39 6.54 0.00	137.64 7.02 0.00	114.01 6.10 0.00	120.61 6.53 0.00	110.21 5.15 0.00	99.10 4.07 0.00	110.79 4.40 0.00	113.40 4.10 0.00
RAVENSWOOD_GT_11 24259	126.21 4.68 0.00	115.28 3.72 0.00	115.43 3.77 0.00	79.56 2.89 0.00	103.39 3.72 0.00	84.87 3.65 0.00	134.86 6.56 0.00	156.18 8.15 0.00	121.33 6.37 0.00	125.32 6.72 0.00	114.04 5.83 0.00	107.95 5.13 0.00	105.47 4.75 0.00	88.89 3.70 0.00	98.16 4.11 0.00	145.41 5.88 0.00	136.39 6.54 0.00	137.64 7.02 0.00	114.01 6.10 0.00	120.61 6.53 0.00	110.21 5.15 0.00	99.10 4.07 0.00	110.79 4.40 0.00	113.40 4.10 0.00
RAVENSWOOD_GT_4 24252	126.09 4.55 0.00	115.15 3.59 0.00	115.34 3.67 0.00	79.51 2.83 0.00	103.29 3.62 0.00	84.82 3.59 0.00	134.77 6.47 0.00	156.11 8.08 0.00	121.26 6.30 0.00	125.26 6.66 0.00	113.98 5.77 0.00	107.90 5.07 0.00	105.41 4.68 0.00	88.83 3.64 0.00	98.08 4.04 0.00	145.30 5.77 0.00	136.31 6.46 0.00	137.53 6.91 0.00	113.93 6.01 0.00	120.51 6.43 0.00	110.09 5.04 0.00	99.01 3.98 0.00	110.67 4.29 0.00	113.27 3.97 0.00
RAVENSWOOD_GT_5 24254	126.09 4.55 0.00	115.15 3.59 0.00	115.34 3.67 0.00	79.51 2.83 0.00	103.29 3.62 0.00	84.82 3.59 0.00	134.77 6.47 0.00	156.11 8.08 0.00	121.26 6.30 0.00	125.26 6.66 0.00	113.98 5.77 0.00	107.90 5.07 0.00	105.41 4.68 0.00	88.83 3.64 0.00	98.08 4.04 0.00	145.30 5.77 0.00	136.31 6.46 0.00	137.53 6.91 0.00	113.93 6.01 0.00	120.51 6.43 0.00	110.09 5.04 0.00	99.01 3.98 0.00	110.67 4.29 0.00	113.27 3.97 0.00
RAVENSWOOD_GT_6 24253	126.09 4.55 0.00	115.15 3.59 0.00	115.34 3.67 0.00	79.51 2.83 0.00	103.29 3.62 0.00	84.82 3.59 0.00	134.77 6.47 0.00	156.11 8.08 0.00	121.26 6.30 0.00	125.26 6.66 0.00	113.98 5.77 0.00	107.90 5.07 0.00	105.41 4.68 0.00	88.83 3.64 0.00	98.08 4.04 0.00	145.30 5.77 0.00	136.31 6.46 0.00	137.53 6.91 0.00	113.93 6.01 0.00	120.51 6.43 0.00	110.09 5.04 0.00	99.01 3.98 0.00	110.67 4.29 0.00	113.27 3.97 0.00
RAVENSWOOD_GT_7 24255	126.09 4.55 0.00	115.15 3.59 0.00	115.34 3.67 0.00	79.51 2.83 0.00	103.29 3.62 0.00	84.82 3.59 0.00	134.77 6.47 0.00	156.11 8.08 0.00	121.26 6.30 0.00	125.26 6.66 0.00	113.98 5.77 0.00	107.90 5.07 0.00	105.41 4.68 0.00	88.83 3.64 0.00	98.08 4.04 0.00	145.30 5.77 0.00	136.31 6.46 0.00	137.53 6.91 0.00	113.93 6.01 0.00	120.51 6.43 0.00	110.09 5.04 0.00	99.01 3.98 0.00	110.67 4.29 0.00	113.27 3.97 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	126.21 4.68 0.00	115.28 3.72 0.00	115.43 3.77 0.00	79.56 2.89 0.00	103.39 3.72 0.00	84.87 3.65 0.00	134.86 6.56 0.00	156.18 8.15 0.00	121.33 6.37 0.00	125.32 6.72 0.00	114.04 5.83 0.00	107.95 5.13 0.00	105.47 4.75 0.00	88.89 3.70 0.00	98.16 4.11 0.00	145.41 5.88 0.00	136.39 6.54 0.00	137.64 7.02 0.00	114.01 6.10 0.00	120.61 6.53 0.00	110.21 5.15 0.00	99.10 4.07 0.00	110.79 4.40 0.00	113.40 4.10 0.00
RAVENSWOOD_GT_9 24257	126.21 4.68 0.00	115.28 3.72 0.00	115.43 3.77 0.00	79.56 2.89 0.00	103.39 3.72 0.00	84.87 3.65 0.00	134.86 6.56 0.00	156.18 8.15 0.00	121.33 6.37 0.00	125.32 6.72 0.00	114.04 5.83 0.00	107.95 5.13 0.00	105.47 4.75 0.00	88.89 3.70 0.00	98.16 4.11 0.00	145.41 5.88 0.00	136.39 6.54 0.00	137.64 7.02 0.00	114.01 6.10 0.00	120.61 6.53 0.00	110.21 5.15 0.00	99.10 4.07 0.00	110.79 4.40 0.00	113.40 4.10 0.00

RAVENSWOOD___1 23533	125.91 4.38 0.00	114.99 3.43 0.00	115.18 3.51 0.00	79.44 2.77 0.00	103.18 3.51 0.00	84.76 3.53 0.00	134.65 6.34 0.00	156.03 8.00 0.00	121.23 6.27 0.00	125.22 6.62 0.00	113.92 5.71 0.00	107.81 4.99 0.00	105.33 4.61 0.00	88.76 3.57 0.00	97.99 3.95 0.00	145.13 5.60 0.00	136.13 6.28 0.00	137.36 6.74 0.00	113.80 5.89 0.00	120.31 6.23 0.00	109.93 4.88 0.00	98.90 3.87 0.00	110.53 4.15 0.00	113.09 3.79 0.00
RAVENSWOOD___2 23534	125.91 4.38 0.00	114.99 3.43 0.00	115.18 3.51 0.00	79.44 2.77 0.00	103.18 3.51 0.00	84.76 3.53 0.00	134.65 6.34 0.00	156.03 8.00 0.00	121.23 6.27 0.00	125.22 6.62 0.00	113.92 5.71 0.00	107.81 4.99 0.00	105.33 4.61 0.00	88.76 3.57 0.00	97.99 3.95 0.00	145.13 5.60 0.00	136.13 6.28 0.00	137.36 6.74 0.00	113.80 5.89 0.00	120.31 6.23 0.00	109.93 4.88 0.00	98.90 3.87 0.00	110.53 4.15 0.00	113.09 3.79 0.00
RAVENSWOOD___3 23535	126.20 4.67 0.00	115.25 3.69 0.00	115.42 3.76 0.00	79.56 2.89 0.00	103.39 3.72 0.00	84.87 3.65 0.00	134.85 6.55 0.00	156.19 8.16 0.00	121.33 6.37 0.00	125.31 6.72 0.00	114.03 5.81 0.00	107.94 5.12 0.00	105.48 4.76 0.00	88.88 3.70 0.00	98.12 4.07 0.00	145.44 5.91 0.00	136.37 6.52 0.00	137.62 7.01 0.00	113.99 6.08 0.00	120.59 6.51 0.00	110.20 5.14 0.00	99.08 4.05 0.00	110.77 4.39 0.00	113.42 4.12 0.00
RAVENSWOOD___4 23820	125.91 4.38 0.00	114.99 3.43 0.00	115.18 3.51 0.00	79.44 2.77 0.00	103.18 3.51 0.00	84.76 3.53 0.00	134.65 6.34 0.00	156.03 8.00 0.00	121.23 6.27 0.00	125.22 6.62 0.00	113.92 5.71 0.00	107.81 4.99 0.00	105.33 4.61 0.00	88.76 3.57 0.00	97.99 3.95 0.00	145.13 5.60 0.00	136.13 6.28 0.00	137.36 6.74 0.00	113.80 5.89 0.00	120.31 6.23 0.00	109.93 4.88 0.00	98.90 3.87 0.00	110.53 4.15 0.00	113.09 3.79 0.00
RCPL_TRUST___DRP 24196	126.30 4.77 0.00	115.29 3.73 0.00	115.49 3.82 0.00	79.60 2.92 0.00	103.45 3.78 0.00	84.91 3.69 0.00	134.92 6.62 0.00	156.30 8.27 0.00	121.44 6.48 0.00	125.44 6.85 0.00	114.15 5.93 0.00	108.06 5.24 0.00	105.56 4.83 0.00	88.93 3.74 0.00	98.25 4.20 0.00	145.64 6.11 0.00	136.59 6.74 0.00	137.80 7.19 0.00	114.13 6.22 0.00	120.74 6.65 0.00	110.32 5.26 0.00	99.19 4.16 0.00	110.85 4.48 0.00	113.51 4.21 0.00
RED___ROCHESTER 323720	118.72 -2.82 0.00	107.94 -3.01 0.61	109.01 -2.66 0.00	73.61 -2.06 1.01	97.18 -2.48 0.00	77.91 -2.62 0.70	123.95 -4.36 0.00	143.13 -4.90 0.00	110.50 -3.53 0.93	114.84 -3.75 0.00	104.86 -3.35 0.00	99.90 -2.93 0.00	97.96 -2.77 0.00	83.15 -2.04 0.00	90.29 -2.98 0.77	128.20 -3.10 8.23	118.25 -3.19 8.41	109.17 -2.72 18.73	102.21 -3.91 1.80	109.20 -4.88 0.00	99.39 -4.37 1.30	87.72 -4.04 3.28	96.31 -4.43 5.65	101.92 -4.23 3.16
REGAN___SOLAR 323812	127.27 5.73 0.00	116.74 5.18 0.00	116.74 5.07 0.00	80.15 3.47 0.00	104.27 4.60 0.00	85.10 3.88 0.00	134.93 6.63 0.00	156.23 8.20 0.00	120.51 5.55 0.00	123.51 4.91 0.00	112.48 4.27 0.00	106.48 3.66 0.00	103.74 3.02 0.00	87.91 2.73 0.00	98.25 4.21 0.00	146.60 7.07 0.00	137.07 7.22 0.00	138.21 7.60 0.00	113.86 5.95 0.00	120.26 6.18 0.00	110.54 5.49 0.00	99.88 4.85 0.00	111.52 5.14 0.00	114.34 5.04 0.00
RENSSELAER___COGEN 23796	125.83 4.29 0.00	115.58 4.02 0.00	115.69 4.02 0.00	79.51 2.83 0.00	103.41 3.74 0.00	84.16 2.94 0.00	132.70 4.40 0.00	153.10 5.07 0.00	118.82 3.86 0.00	122.43 3.83 0.00	111.81 3.60 0.00	106.13 3.31 0.00	103.95 3.22 0.00	87.78 2.59 0.00	96.47 2.43 0.00	142.51 2.98 0.00	132.72 2.87 0.00	133.45 2.84 0.00	110.49 2.58 0.00	116.83 2.75 0.00	107.50 2.45 0.00	97.39 2.36 0.00	109.42 3.04 0.00	112.36 3.06 0.00
REPUBLIC_115KV_BARTNBK 55605	134.42 12.88 0.00	123.60 12.04 0.00	123.75 12.08 0.00	85.14 8.46 0.00	110.56 10.90 0.00	90.97 9.75 0.00	144.84 16.54 0.00	168.17 20.14 0.00	130.12 15.16 0.00	131.80 13.20 0.00	119.33 11.11 0.00	113.69 10.87 0.00	111.68 10.96 0.00	95.33 10.14 0.00	105.02 10.98 0.00	155.93 16.40 0.00	147.43 17.57 0.00	148.34 17.72 0.00	123.07 15.15 0.00	129.25 15.17 0.00	118.12 13.06 0.00	106.58 11.55 0.00	118.80 12.42 0.00	120.85 11.55 0.00
REVERE_CPPR_DRP 24186	125.98 4.44 0.00	115.45 3.89 0.00	115.82 4.15 0.00	79.28 2.60 0.00	103.12 3.45 0.00	84.27 3.04 0.00	133.26 4.95 0.00	154.21 6.18 0.00	119.77 4.81 0.00	123.63 5.03 0.00	112.76 4.54 0.00	107.04 4.22 0.00	104.81 4.08 0.00	88.78 3.59 0.00	98.01 3.96 0.00	145.66 6.13 0.00	135.30 5.45 0.00	136.55 5.94 0.00	112.50 4.58 0.00	118.53 4.45 0.00	109.40 4.34 0.00	98.79 3.76 0.00	110.47 4.09 0.00	112.90 3.60 0.00
REYNLDPA_13_KV_LD 356490	120.87 -0.67 0.00	110.64 -0.92 0.00	110.56 -1.11 0.00	76.42 -0.25 0.00	99.12 -0.55 0.00	81.41 0.18 0.00	128.62 0.32 0.00	148.23 0.20 0.00	114.32 -0.64 0.00	117.38 -1.22 0.00	107.01 -1.20 0.00	101.86 -0.96 0.00	99.93 -0.80 0.00	85.06 -0.13 0.00	95.17 1.13 0.00	140.35 0.82 0.00	129.19 -0.66 0.00	129.55 -1.07 0.00	107.85 -0.06 0.00	114.88 0.80 0.00	106.38 1.32 0.00	96.47 1.44 0.00	107.82 1.44 0.00	110.67 1.37 0.00
REYNOLDS_115KV_TB3 80639	126.23 4.70 0.00	115.93 4.37 0.00	116.03 4.36 0.00	79.75 3.07 0.00	103.70 4.03 0.00	84.40 3.18 0.00	133.05 4.75 0.00	153.46 5.43 0.00	119.15 4.19 0.00	122.78 4.19 0.00	112.14 3.92 0.00	106.46 3.64 0.00	104.32 3.59 0.00	88.10 2.91 0.00	96.97 2.93 0.00	143.26 3.72 0.00	133.32 3.47 0.00	134.09 3.47 0.00	110.94 3.02 0.00	117.29 3.21 0.00	107.90 2.84 0.00	97.77 2.74 0.00	109.74 3.36 0.00	112.55 3.25 0.00
RIVERBAY____ 323610	128.17 6.64 0.00	117.22 5.66 0.00	117.58 5.91 0.00	81.07 4.40 0.00	105.28 5.61 0.00	86.50 5.28 0.00	137.37 9.07 0.00	159.26 11.23 0.00	123.69 8.72 0.00	127.56 8.97 0.00	116.00 7.79 0.00	109.72 6.90 0.00	107.16 6.43 0.00	90.35 5.16 0.00	99.72 5.68 0.00	147.88 8.35 0.00	138.77 8.92 0.00	140.00 9.38 0.00	115.99 8.08 0.00	122.58 8.50 0.00	112.01 6.95 0.00	100.80 5.77 0.00	112.66 6.29 0.00	115.22 5.91 0.00
RIVERSDE_115KV_TB3 55908	126.34 4.80 0.00	116.03 4.47 0.00	116.14 4.47 0.00	79.82 3.14 0.00	103.81 4.14 0.00	84.50 3.28 0.00	133.24 4.94 0.00	153.77 5.74 0.00	119.36 4.40 0.00	122.99 4.40 0.00	112.35 4.14 0.00	106.65 3.83 0.00	104.47 3.74 0.00	88.22 3.04 0.00	97.01 2.97 0.00	143.32 3.78 0.00	133.43 3.58 0.00	134.15 3.53 0.00	111.04 3.12 0.00	117.40 3.32 0.00	108.00 2.95 0.00	97.81 2.78 0.00	109.88 3.50 0.00	112.75 3.45 0.00
ROARING___BROOK_WT_PWR 323790	119.76 -1.77 0.00	110.26 -1.30 0.00	109.81 -1.85 0.00	74.73 -1.95 0.00	97.22 -2.44 0.00	79.21 -2.01 0.00	124.25 -4.05 0.00	143.24 -4.79 0.00	111.63 -3.33 0.00	115.37 -3.22 0.00	105.28 -2.93 0.00	100.34 -2.48 0.00	98.20 -2.53 0.00	83.33 -1.86 0.00	92.49 -1.56 0.00	136.75 -2.78 0.00	127.42 -2.43 0.00	127.99 -2.63 0.00	105.89 -2.02 0.00	112.20 -1.88 0.00	104.61 -0.45 0.00	94.50 -0.53 0.00	105.76 -0.62 0.00	108.62 -0.69 0.00

ROCHESRG_115KV_T4 355643	117.23 -4.30 0.00	107.26 -4.30 0.00	107.73 -3.94 0.00	73.75 -2.93 0.00	95.99 -3.67 0.00	77.57 -3.65 0.00	122.21 -6.09 0.00	140.98 -7.04 0.00	109.69 -5.27 0.00	113.11 -5.48 0.00	103.27 -4.94 0.00	98.46 -4.36 0.00	96.61 -4.11 0.00	81.97 -3.22 0.00	89.75 -4.30 0.00	134.33 -5.20 0.00	124.63 -5.22 0.00	125.75 -4.86 0.00	102.33 -5.58 0.00	107.42 -6.66 0.00	99.12 -5.93 0.00	89.65 -5.39 0.00	100.51 -5.87 0.00	103.69 -5.61 0.00
ROCHESTER_9_IC 23652	118.15 -3.38 0.00	108.06 -3.50 0.00	108.54 -3.14 0.00	74.29 -2.39 0.00	96.72 -2.95 0.00	78.22 -3.00 0.00	123.30 -5.00 0.00	142.32 -5.71 0.00	110.74 -4.22 0.00	114.19 -4.41 0.00	104.25 -3.97 0.00	99.35 -3.48 0.00	97.44 -3.28 0.00	82.69 -2.50 0.00	90.55 -3.50 0.00	135.57 -3.96 0.00	125.86 -3.99 0.00	127.02 -3.60 0.00	103.34 -4.57 0.00	108.50 -5.58 0.00	100.04 -5.01 0.00	90.43 -4.60 0.00	101.31 -5.07 0.00	104.53 -4.77 0.00
ROCKVIEW_13_KV_LD 356306	126.64 5.10 0.00	115.64 4.08 0.00	115.83 4.16 0.00	79.80 3.12 0.00	103.70 4.03 0.00	85.09 3.87 0.00	135.18 6.88 0.00	156.47 8.44 0.00	121.53 6.56 0.00	125.47 6.88 0.00	114.22 6.00 0.00	108.13 5.31 0.00	105.65 4.93 0.00	89.06 3.87 0.00	98.35 4.31 0.00	145.81 6.28 0.00	136.75 6.89 0.00	138.00 7.38 0.00	114.31 6.39 0.00	121.02 6.94 0.00	110.64 5.58 0.00	99.45 4.42 0.00	111.16 4.78 0.00	113.84 4.54 0.00
ROME____115KV_TB2 80656	125.98 4.44 0.00	115.45 3.89 0.00	115.82 4.15 0.00	79.28 2.60 0.00	103.12 3.45 0.00	84.27 3.04 0.00	133.26 4.95 0.00	154.21 6.18 0.00	119.77 4.81 0.00	123.63 5.03 0.00	112.76 4.54 0.00	107.04 4.22 0.00	104.81 4.08 0.00	88.78 3.59 0.00	98.01 3.96 0.00	145.66 6.13 0.00	135.30 5.45 0.00	136.55 5.94 0.00	112.50 4.58 0.00	118.53 4.45 0.00	109.40 4.34 0.00	98.79 3.76 0.00	110.47 4.09 0.00	112.90 3.60 0.00
ROSETON___1 23587	125.38 3.84 0.00	114.70 3.14 0.00	114.89 3.22 0.00	79.09 2.41 0.00	102.80 3.13 0.00	84.14 2.92 0.00	133.43 5.13 0.00	154.19 6.16 0.00	119.72 4.76 0.00	123.57 4.98 0.00	112.59 4.37 0.00	106.63 3.81 0.00	104.19 3.47 0.00	87.87 2.68 0.00	97.00 2.96 0.00	143.74 4.21 0.00	134.58 4.73 0.00	135.76 5.14 0.00	112.50 4.59 0.00	119.11 5.03 0.00	108.99 3.93 0.00	98.07 3.04 0.00	109.67 3.29 0.00	112.48 3.18 0.00
ROSETON___2 23588	125.38 3.84 0.00	114.70 3.14 0.00	114.89 3.22 0.00	79.09 2.41 0.00	102.80 3.13 0.00	84.14 2.92 0.00	133.43 5.13 0.00	154.19 6.16 0.00	119.72 4.76 0.00	123.57 4.98 0.00	112.59 4.37 0.00	106.63 3.81 0.00	104.19 3.47 0.00	87.87 2.68 0.00	97.00 2.96 0.00	143.74 4.21 0.00	134.58 4.73 0.00	135.76 5.14 0.00	112.50 4.59 0.00	119.11 5.03 0.00	108.99 3.93 0.00	98.07 3.04 0.00	109.67 3.29 0.00	112.48 3.18 0.00
ROTRRDAM_115KV_TB3 80664	125.53 4.00 0.00	115.35 3.78 0.00	115.44 3.77 0.00	79.30 2.63 0.00	103.14 3.47 0.00	84.01 2.79 0.00	132.86 4.56 0.00	153.31 5.29 0.00	118.95 3.99 0.00	122.53 3.93 0.00	111.71 3.50 0.00	106.04 3.21 0.00	103.85 3.12 0.00	87.85 2.66 0.00	96.99 2.95 0.00	143.86 4.32 0.00	134.05 4.20 0.00	134.90 4.29 0.00	111.47 3.56 0.00	117.88 3.80 0.00	108.32 3.27 0.00	97.96 2.93 0.00	109.60 3.22 0.00	112.42 3.12 0.00
RUSSELL___1 23602	118.72 -2.81 0.00	108.57 -3.00 0.00	109.02 -2.65 0.00	74.62 -2.06 0.00	97.18 -2.49 0.00	78.60 -2.63 0.00	123.95 -4.35 0.00	143.12 -4.91 0.00	111.36 -3.60 0.00	114.84 -3.75 0.00	104.86 -3.35 0.00	99.90 -2.92 0.00	97.98 -2.74 0.00	83.15 -2.04 0.00	91.06 -2.99 0.00	136.40 -3.14 0.00	126.61 -3.24 0.00	127.78 -2.84 0.00	103.99 -3.93 0.00	109.18 -4.89 0.00	100.66 -4.40 0.00	90.94 -4.09 0.00	101.88 -4.50 0.00	105.06 -4.24 0.00
RUSSELL___2 23532	118.72 -2.81 0.00	108.57 -3.00 0.00	109.02 -2.65 0.00	74.62 -2.06 0.00	97.18 -2.49 0.00	78.60 -2.63 0.00	123.95 -4.35 0.00	143.12 -4.91 0.00	111.36 -3.60 0.00	114.84 -3.75 0.00	104.86 -3.35 0.00	99.90 -2.92 0.00	97.98 -2.74 0.00	83.15 -2.04 0.00	91.06 -2.99 0.00	136.40 -3.14 0.00	126.61 -3.24 0.00	127.78 -2.84 0.00	103.99 -3.93 0.00	109.18 -4.89 0.00	100.66 -4.40 0.00	90.94 -4.09 0.00	101.88 -4.50 0.00	105.06 -4.24 0.00
RUSSELL___3 23549	118.72 -2.81 0.00	108.57 -3.00 0.00	109.02 -2.65 0.00	74.62 -2.06 0.00	97.18 -2.49 0.00	78.60 -2.63 0.00	123.95 -4.35 0.00	143.12 -4.91 0.00	111.36 -3.60 0.00	114.84 -3.75 0.00	104.86 -3.35 0.00	99.90 -2.92 0.00	97.98 -2.74 0.00	83.15 -2.04 0.00	91.06 -2.99 0.00	136.40 -3.14 0.00	126.61 -3.24 0.00	127.78 -2.84 0.00	103.99 -3.93 0.00	109.18 -4.89 0.00	100.66 -4.40 0.00	90.94 -4.09 0.00	101.88 -4.50 0.00	105.06 -4.24 0.00
RUSSELL___4 23556	118.72 -2.81 0.00	108.57 -3.00 0.00	109.02 -2.65 0.00	74.62 -2.06 0.00	97.18 -2.49 0.00	78.60 -2.63 0.00	123.95 -4.35 0.00	143.12 -4.91 0.00	111.36 -3.60 0.00	114.84 -3.75 0.00	104.86 -3.35 0.00	99.90 -2.92 0.00	97.98 -2.74 0.00	83.15 -2.04 0.00	91.06 -2.99 0.00	136.40 -3.14 0.00	126.61 -3.24 0.00	127.78 -2.84 0.00	103.99 -3.93 0.00	109.18 -4.89 0.00	100.66 -4.40 0.00	90.94 -4.09 0.00	101.88 -4.50 0.00	105.06 -4.24 0.00
RUSSELL___STATION 23914	118.72 -2.81 0.00	108.57 -3.00 0.00	109.02 -2.65 0.00	74.62 -2.06 0.00	97.18 -2.49 0.00	78.60 -2.63 0.00	123.95 -4.35 0.00	143.12 -4.91 0.00	111.36 -3.60 0.00	114.84 -3.75 0.00	104.86 -3.35 0.00	99.90 -2.92 0.00	97.98 -2.74 0.00	83.15 -2.04 0.00	91.06 -2.99 0.00	136.40 -3.14 0.00	126.61 -3.24 0.00	127.78 -2.84 0.00	103.99 -3.93 0.00	109.18 -4.89 0.00	100.66 -4.40 0.00	90.94 -4.09 0.00	101.88 -4.50 0.00	105.06 -4.24 0.00
S SALMON___HYD 24043	118.75 -2.78 0.00	108.81 -2.75 0.00	109.23 -2.43 0.00	74.66 -2.02 0.00	97.11 -2.56 0.00	79.14 -2.09 0.00	124.74 -3.57 0.00	144.39 -3.63 0.00	112.20 -2.76 0.00	115.88 -2.72 0.00	105.81 -2.41 0.00	100.42 -2.41 0.00	98.29 -2.44 0.00	83.11 -2.08 0.00	91.89 -2.16 0.00	136.55 -2.99 0.00	126.78 -3.07 0.00	127.92 -2.70 0.00	105.46 -2.45 0.00	111.51 -2.57 0.00	102.97 -2.08 0.00	93.63 -1.40 0.00	104.95 -1.43 0.00	107.22 -2.08 0.00
S.PERRY__115KV_TB1 80734	111.64 -9.89 0.00	102.45 -9.10 0.00	103.04 -8.62 0.00	71.24 -5.44 0.00	91.91 -7.76 0.00	74.77 -6.45 0.00	116.65 -11.65 0.00	135.49 -12.54 0.00	105.81 -9.15 0.00	108.02 -10.58 0.00	98.27 -9.94 0.00	93.91 -8.91 0.00	92.48 -8.24 0.00	79.03 -6.16 0.00	86.41 -7.63 0.00	128.77 -10.76 0.00	121.05 -8.80 0.00	121.70 -8.91 0.00	99.70 -8.21 0.00	104.33 -9.75 0.00	96.38 -8.68 0.00	87.24 -7.79 0.00	97.36 -9.02 0.00	101.00 -8.30 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	115.36 -6.18 0.00	105.13 -6.43 0.00	105.81 -5.86 0.00	72.25 -4.43 0.00	93.98 -5.69 0.00	75.31 -5.91 0.00	117.76 -10.54 0.00	135.58 -12.45 0.00	105.56 -9.40 0.00	108.83 -9.77 0.00	99.48 -8.73 0.00	95.46 -7.36 0.00	93.98 -6.75 0.00	79.81 -5.38 0.00	86.98 -7.07 0.00	130.69 -8.84 0.00	120.70 -9.15 0.00	122.04 -8.57 0.00	98.04 -9.88 0.00	102.56 -11.52 0.00	95.06 -9.99 0.00	86.27 -8.75 0.00	97.06 -9.31 0.00	100.66 -8.65 0.00

SAWYER___23_KV_LOAD 55526	115.36 -6.18 0.00	105.13 -6.43 0.00	105.81 -5.86 0.00	72.25 -4.43 0.00	93.98 -5.69 0.00	75.31 -5.91 0.00	117.76 -10.54 0.00	135.58 -12.45 0.00	105.56 -9.40 0.00	108.83 -9.77 0.00	99.48 -8.73 0.00	95.46 -7.36 0.00	93.98 -6.75 0.00	79.81 -5.38 0.00	86.98 -7.07 0.00	130.69 -8.84 0.00	120.70 -9.15 0.00	122.04 -8.57 0.00	98.04 -9.88 0.00	102.56 -11.52 0.00	95.06 -9.99 0.00	86.27 -8.75 0.00	97.06 -9.31 0.00	100.66 -8.65 0.00
SELKIRK___I 23801	126.10 4.57 0.00	115.91 4.35 0.00	116.07 4.40 0.00	79.74 3.06 0.00	103.71 4.04 0.00	84.35 3.13 0.00	133.03 4.73 0.00	153.27 5.24 0.00	118.74 3.77 0.00	122.07 3.48 0.00	111.39 3.18 0.00	105.79 2.97 0.00	103.66 2.93 0.00	87.67 2.48 0.00	96.52 2.47 0.00	143.13 3.60 0.00	133.32 3.47 0.00	134.01 3.40 0.00	110.86 2.94 0.00	117.23 3.15 0.00	107.88 2.82 0.00	97.66 2.64 0.00	109.59 3.21 0.00	112.60 3.30 0.00
SELKIRK___II 23799	125.35 3.82 0.00	115.16 3.60 0.00	115.29 3.62 0.00	79.22 2.55 0.00	103.02 3.35 0.00	83.85 2.63 0.00	132.32 4.02 0.00	152.58 4.55 0.00	118.43 3.47 0.00	122.01 3.42 0.00	111.38 3.17 0.00	105.73 2.91 0.00	103.54 2.82 0.00	87.48 2.30 0.00	96.28 2.24 0.00	142.42 2.88 0.00	132.67 2.82 0.00	133.42 2.80 0.00	110.45 2.54 0.00	116.79 2.71 0.00	107.41 2.36 0.00	97.24 2.21 0.00	109.11 2.73 0.00	112.05 2.75 0.00
SENECA OSWGO___HYD 24041	117.31 -4.22 0.00	107.68 -3.88 0.00	107.90 -3.77 0.00	74.13 -2.55 0.00	96.46 -3.21 0.00	78.50 -2.72 0.00	124.23 -4.06 0.00	143.45 -4.58 0.00	111.43 -3.53 0.00	114.92 -3.68 0.00	104.85 -3.36 0.00	99.64 -3.18 0.00	97.59 -3.14 0.00	82.58 -2.61 0.00	91.01 -3.04 0.00	135.32 -4.21 0.00	125.86 -3.99 0.00	126.82 -3.80 0.00	104.49 -3.42 0.00	110.22 -3.86 0.00	101.43 -3.63 0.00	91.69 -3.34 0.00	102.72 -3.66 0.00	105.66 -3.65 0.00
SENECA___115KV_TB3 355854	116.77 -4.76 0.00	104.99 -5.21 1.37	107.02 -4.65 0.00	70.81 -3.61 2.26	95.03 -4.64 0.00	74.73 -4.94 1.56	119.46 -8.84 0.00	137.64 -10.39 0.00	105.13 -7.75 2.08	110.36 -8.24 0.00	100.85 -7.36 0.00	96.68 -6.14 0.00	95.21 -5.51 0.00	80.87 -4.31 0.00	86.44 -5.89 1.72	114.75 -6.94 17.83	104.37 -7.26 18.22	83.39 -6.65 40.57	95.67 -8.35 3.89	104.20 -9.88 0.00	93.81 -8.43 2.82	80.49 -7.44 7.10	86.25 -7.90 12.23	95.18 -7.28 6.85
SENECA___ENERGY 23797	119.46 -2.07 0.00	109.22 -2.16 0.17	109.65 -2.02 0.00	74.85 -1.54 0.29	97.83 -1.84 0.00	79.29 -1.74 0.20	125.89 -2.42 0.00	145.42 -2.61 0.00	112.68 -2.02 0.26	116.41 -2.19 0.00	106.27 -1.94 0.00	100.84 -1.98 0.00	98.52 -2.20 0.00	83.41 -1.78 0.00	91.85 -1.98 0.22	134.77 -2.41 2.36	125.45 -1.99 2.41	123.47 -1.77 5.37	105.27 -2.13 0.52	111.36 -2.72 0.00	101.92 -2.77 0.37	91.60 -2.49 0.94	102.02 -2.73 1.62	105.71 -2.69 0.91
SHOEMAKER___GT 23640	124.87 3.34 0.00	114.39 2.72 -0.10	114.46 2.79 0.00	78.92 2.08 -0.17	102.40 2.73 0.00	83.88 2.54 -0.12	132.88 4.58 0.00	153.57 5.54 0.00	119.33 4.21 -0.16	122.81 4.21 0.00	111.82 3.61 0.00	105.87 3.05 0.00	103.45 2.73 0.00	87.23 2.04 0.00	96.57 2.40 -0.13	143.15 3.62 0.00	134.12 4.27 0.00	135.30 4.69 0.00	112.06 4.15 0.00	118.64 4.57 0.00	108.64 3.59 0.00	97.80 2.77 0.00	109.34 2.96 0.00	112.11 2.81 0.00
SHOEMAKR_138KV_BK 111 55601	124.76 3.22 0.00	114.17 2.61 0.00	114.33 2.66 0.00	78.67 1.99 0.00	102.30 2.64 0.00	83.69 2.47 0.00	132.75 4.45 0.00	153.43 5.40 0.00	119.05 4.09 0.00	122.75 4.15 0.00	111.79 3.58 0.00	105.84 3.02 0.00	103.43 2.70 0.00	87.23 2.04 0.00	96.39 2.35 0.00	143.07 3.54 0.00	134.00 4.15 0.00	135.18 4.56 0.00	111.96 4.04 0.00	118.55 4.47 0.00	108.55 3.49 0.00	97.71 2.68 0.00	109.23 2.85 0.00	111.98 2.68 0.00
SHOREHAM_IC_1 23715	129.74 8.20 0.00	118.36 6.80 0.00	118.98 7.31 0.00	82.02 5.34 0.00	106.68 7.01 0.00	88.06 6.84 0.00	165.53 11.09 -26.14	186.93 11.89 -27.02	135.47 9.68 -10.83	127.73 8.96 -0.17	115.72 7.51 0.00	109.06 6.23 0.00	106.55 5.83 0.00	90.16 4.97 0.00	100.59 6.54 0.00	151.49 9.24 -2.72	141.70 9.91 -1.94	143.02 10.01 -2.39	119.91 9.02 -2.97	124.01 9.69 -0.24	125.62 8.78 -11.79	161.96 7.69 -59.24	161.01 9.08 -45.55	117.95 8.64 0.00
SHOREHAM_IC_2 23716	129.73 8.19 0.00	118.35 6.79 0.00	118.96 7.30 0.00	82.02 5.35 0.00	106.68 7.01 0.00	88.06 6.84 0.00	165.53 11.09 -26.14	186.92 11.87 -27.02	135.45 9.66 -10.83	127.73 8.96 -0.17	115.71 7.50 0.00	109.06 6.23 0.00	106.55 5.82 0.00	90.16 4.97 0.00	100.60 6.56 0.00	151.39 9.14 -2.72	141.74 9.95 -1.94	143.04 10.03 -2.39	119.92 9.04 -2.97	124.01 9.69 -0.24	125.63 8.78 -11.79	161.96 7.69 -59.24	161.04 9.11 -45.55	117.90 8.60 0.00
SISSONVILLE____ 23735	123.08 1.55 0.00	113.24 1.68 0.00	113.33 1.66 0.00	77.65 0.97 0.00	100.14 0.47 0.00	81.81 0.59 0.00	127.47 -0.83 0.00	147.26 -0.76 0.00	114.63 -0.34 0.00	118.29 -0.31 0.00	108.24 0.03 0.00	103.10 0.28 0.00	101.12 0.39 0.00	85.35 0.16 0.00	94.11 0.06 0.00	139.12 -0.41 0.00	128.77 -1.09 0.00	129.53 -1.08 0.00	107.14 -0.78 0.00	113.03 -1.06 0.00	104.74 -0.32 0.00	95.66 0.63 0.00	107.53 1.16 0.00	110.44 1.14 0.00
SITHE_IND_GS1 24169	116.52 -5.02 0.00	106.88 -4.68 0.00	107.07 -4.60 0.00	73.46 -3.21 0.00	95.56 -4.11 0.00	77.77 -3.45 0.00	122.91 -5.39 0.00	141.86 -6.17 0.00	110.21 -4.75 0.00	113.65 -4.95 0.00	103.74 -4.47 0.00	98.58 -4.24 0.00	96.54 -4.18 0.00	81.67 -3.52 0.00	90.08 -3.96 0.00	133.83 -5.71 0.00	124.56 -5.29 0.00	125.38 -5.24 0.00	103.36 -4.55 0.00	109.12 -4.96 0.00	100.44 -4.61 0.00	90.85 -4.18 0.00	101.84 -4.54 0.00	104.86 -4.44 0.00
SITHE_IND_GS2 24170	116.52 -5.02 0.00	106.88 -4.68 0.00	107.07 -4.60 0.00	73.46 -3.21 0.00	95.56 -4.11 0.00	77.77 -3.45 0.00	122.91 -5.39 0.00	141.86 -6.17 0.00	110.21 -4.75 0.00	113.65 -4.95 0.00	103.74 -4.47 0.00	98.58 -4.24 0.00	96.54 -4.18 0.00	81.67 -3.52 0.00	90.08 -3.96 0.00	133.83 -5.71 0.00	124.56 -5.29 0.00	125.38 -5.24 0.00	103.36 -4.55 0.00	109.12 -4.96 0.00	100.44 -4.61 0.00	90.85 -4.18 0.00	101.84 -4.54 0.00	104.86 -4.44 0.00
SITHE_IND_GS3 24171	116.52 -5.02 0.00	106.88 -4.68 0.00	107.07 -4.60 0.00	73.46 -3.21 0.00	95.56 -4.11 0.00	77.77 -3.45 0.00	122.91 -5.39 0.00	141.86 -6.17 0.00	110.21 -4.75 0.00	113.65 -4.95 0.00	103.74 -4.47 0.00	98.58 -4.24 0.00	96.54 -4.18 0.00	81.67 -3.52 0.00	90.08 -3.96 0.00	133.83 -5.71 0.00	124.56 -5.29 0.00	125.38 -5.24 0.00	103.36 -4.55 0.00	109.12 -4.96 0.00	100.44 -4.61 0.00	90.85 -4.18 0.00	101.84 -4.54 0.00	104.86 -4.44 0.00
SITHE_IND_GS4 24172	116.52 -5.02 0.00	106.88 -4.68 0.00	107.07 -4.60 0.00	73.46 -3.21 0.00	95.56 -4.11 0.00	77.77 -3.45 0.00	122.91 -5.39 0.00	141.86 -6.17 0.00	110.21 -4.75 0.00	113.65 -4.95 0.00	103.74 -4.47 0.00	98.58 -4.24 0.00	96.54 -4.18 0.00	81.67 -3.52 0.00	90.08 -3.96 0.00	133.83 -5.71 0.00	124.56 -5.29 0.00	125.38 -5.24 0.00	103.36 -4.55 0.00	109.12 -4.96 0.00	100.44 -4.61 0.00	90.85 -4.18 0.00	101.84 -4.54 0.00	104.86 -4.44 0.00

SITHE____BATAVIA 24024	118.85 -2.68 0.00	107.59 -3.05 0.92	108.98 -2.69 0.00	73.03 -2.13 1.52	97.15 -2.52 0.00	77.04 -3.14 1.04	122.47 -5.83 0.00	141.41 -6.62 0.00	108.73 -4.83 1.40	112.97 -5.63 0.00	102.93 -5.28 0.00	97.80 -5.02 0.00	95.61 -5.11 0.00	81.26 -3.93 0.00	86.97 -5.92 1.16	122.04 -5.29 12.20	112.80 -4.58 12.46	99.25 -3.60 27.77	99.64 -5.61 2.66	106.49 -7.59 0.00	94.89 -8.24 1.93	82.94 -7.24 4.86	90.15 -7.85 8.37	97.61 -7.01 4.69
SITHE____INDEPEND 23800	116.52 -5.02 0.00	106.88 -4.68 0.00	107.07 -4.59 0.00	73.46 -3.21 0.00	95.57 -4.09 0.00	77.76 -3.46 0.00	122.91 -5.39 0.00	141.86 -6.17 0.00	110.21 -4.76 0.00	113.65 -4.95 0.00	103.75 -4.47 0.00	98.59 -4.23 0.00	96.55 -4.17 0.00	81.68 -3.51 0.00	90.08 -3.96 0.00	133.83 -5.70 0.00	124.55 -5.30 0.00	125.37 -5.25 0.00	103.35 -4.56 0.00	109.12 -4.96 0.00	100.43 -4.63 0.00	90.85 -4.18 0.00	101.83 -4.55 0.00	104.85 -4.45 0.00
SITHE____MASSENA 23902	123.39 1.86 0.00	113.32 1.76 0.00	113.28 1.61 0.00	77.81 1.14 0.00	100.73 1.07 0.00	82.34 1.12 0.00	129.35 1.05 0.00	149.24 1.21 0.00	116.07 1.11 0.00	119.77 1.17 0.00	109.36 1.15 0.00	104.12 1.30 0.00	102.18 1.45 0.00	86.50 1.31 0.00	95.68 1.64 0.00	141.65 2.12 0.00	131.22 1.37 0.00	131.84 1.23 0.00	108.99 1.07 0.00	115.08 1.00 0.00	106.41 1.35 0.00	96.88 1.85 0.00	108.36 1.98 0.00	111.28 1.98 0.00
SITHE____OGDNSBRG 24021	125.41 3.88 0.00	115.30 3.74 0.00	115.33 3.66 0.00	79.22 2.54 0.00	102.34 2.67 0.00	83.64 2.42 0.00	131.08 2.78 0.00	151.47 3.44 0.00	117.83 2.87 0.00	121.45 2.86 0.00	110.80 2.59 0.00	105.49 2.67 0.00	103.46 2.73 0.00	87.51 2.32 0.00	96.63 2.58 0.00	143.19 3.66 0.00	132.90 3.05 0.00	133.61 3.00 0.00	110.53 2.62 0.00	116.50 2.43 0.00	107.88 2.82 0.00	98.31 3.28 0.00	109.97 3.59 0.00	112.84 3.54 0.00
SITHE____STERLING 23777	124.64 3.11 0.00	114.36 2.80 0.00	114.71 3.04 0.00	78.67 2.00 0.00	102.39 2.72 0.00	83.55 2.33 0.00	132.25 3.95 0.00	152.90 4.88 0.00	118.74 3.78 0.00	122.49 3.90 0.00	111.75 3.54 0.00	106.04 3.22 0.00	103.82 3.09 0.00	87.90 2.71 0.00	96.99 2.95 0.00	144.27 4.74 0.00	133.98 4.13 0.00	135.00 4.38 0.00	111.25 3.34 0.00	117.14 3.06 0.00	107.92 2.86 0.00	97.43 2.40 0.00	109.01 2.63 0.00	111.74 2.44 0.00
SLEIGHT__34_KV_TB1 80719	118.44 -3.09 0.00	108.42 -3.14 0.00	108.73 -2.93 0.00	74.47 -2.21 0.00	96.97 -2.70 0.00	78.69 -2.53 0.00	124.51 -3.79 0.00	143.83 -4.20 0.00	111.83 -3.13 0.00	115.18 -3.42 0.00	105.17 -3.04 0.00	100.04 -2.78 0.00	98.00 -2.72 0.00	83.00 -2.19 0.00	91.23 -2.82 0.00	136.21 -3.32 0.00	126.61 -3.24 0.00	127.76 -2.86 0.00	104.50 -3.42 0.00	109.94 -4.14 0.00	101.15 -3.91 0.00	91.42 -3.61 0.00	102.31 -4.06 0.00	105.37 -3.93 0.00
SMITHTWN_69_KV_BK 1 55830	129.41 7.88 0.00	118.14 6.58 0.00	118.77 7.10 0.00	81.87 5.19 0.00	106.46 6.79 0.00	87.80 6.58 0.00	172.79 10.50 -33.99	190.53 11.45 -31.05	138.04 9.34 -13.73	127.56 8.88 -0.08	115.94 7.72 0.00	109.38 6.56 0.00	106.93 6.21 0.00	90.43 5.24 0.00	100.68 6.63 0.00	150.04 9.58 -0.93	141.29 10.77 -0.67	142.36 10.93 -0.82	120.82 9.93 -2.97	125.01 10.69 -0.24	125.96 9.11 -11.79	177.89 7.72 -75.14	178.32 9.02 -62.92	117.82 8.52 0.00
SOUTH CAIRO__GT 23612	131.97 10.44 0.00	121.25 9.69 0.00	121.27 9.60 0.00	83.30 6.63 0.00	108.49 8.82 0.00	88.30 7.07 0.00	139.69 11.39 0.00	161.72 13.69 0.00	125.04 10.08 0.00	127.43 8.83 0.00	115.23 7.02 0.00	109.38 6.55 0.00	107.13 6.41 0.00	90.99 5.80 0.00	99.84 5.79 0.00	149.65 10.12 0.00	140.42 10.57 0.00	141.44 10.82 0.00	116.80 8.88 0.00	123.10 9.02 0.00	113.22 8.16 0.00	102.40 7.37 0.00	114.71 8.33 0.00	117.53 8.22 0.00
SOUTH HAMPTN__IC 23720	129.87 8.34 0.00	118.48 6.92 0.00	119.11 7.44 0.00	82.12 5.44 0.00	106.85 7.19 0.00	88.33 7.11 0.00	165.73 11.61 -25.82	187.54 12.49 -27.03	135.72 10.03 -10.73	127.95 9.17 -0.18	115.73 7.52 0.00	109.10 6.28 0.00	106.60 5.87 0.00	90.23 5.04 0.00	100.70 6.65 0.00	152.12 9.70 -2.88	142.55 10.64 -2.06	143.84 10.68 -2.54	120.41 9.53 -2.97	124.54 10.22 -0.24	125.95 9.11 -11.79	161.51 7.87 -58.60	160.51 9.28 -44.86	118.08 8.78 0.00
SOUTHDOW_115KV_TB1 355954	120.32 -1.21 0.00	109.46 -2.10 0.00	110.42 -1.25 0.00	75.46 -1.22 0.00	97.84 -1.83 0.00	78.38 -2.84 0.00	124.07 -4.23 0.00	144.58 -3.45 0.00	112.65 -2.32 0.00	116.21 -2.38 0.00	105.26 -2.95 0.00	100.49 -2.33 0.00	99.21 -1.52 0.00	83.95 -1.24 0.00	91.37 -2.67 0.00	136.23 -3.31 0.00	125.37 -4.48 0.00	124.96 -5.66 0.00	101.85 -6.06 0.00	106.84 -7.24 0.00	98.23 -6.82 0.00	88.89 -6.14 0.00	99.84 -6.54 0.00	102.54 -6.76 0.00
SOUTHOLD_69_KV_BK 2 55809	129.04 7.51 0.00	117.68 6.12 0.00	118.35 6.68 0.00	81.64 4.96 0.00	106.25 6.58 0.00	87.87 6.65 0.00	165.16 11.05 -25.81	186.91 11.86 -27.02	135.14 9.46 -10.73	127.22 8.44 -0.18	114.99 6.78 0.00	108.33 5.51 0.00	105.96 5.24 0.00	89.66 4.47 0.00	100.14 6.10 0.00	151.31 8.90 -2.88	142.21 10.30 -2.06	143.39 10.23 -2.54	119.98 9.10 -2.97	124.02 9.70 -0.24	125.45 8.60 -11.79	160.94 7.32 -58.59	159.88 8.65 -44.84	117.35 8.04 0.00
SOUTHOLD__IC 23719	129.05 7.51 0.00	117.69 6.12 0.00	118.35 6.68 0.00	81.64 4.96 0.00	106.24 6.57 0.00	87.87 6.64 0.00	165.16 11.05 -25.81	186.91 11.86 -27.02	135.15 9.47 -10.73	127.22 8.44 -0.18	114.99 6.78 0.00	108.33 5.51 0.00	105.97 5.24 0.00	89.65 4.47 0.00	100.14 6.10 0.00	151.40 8.99 -2.88	142.16 10.25 -2.06	143.35 10.20 -2.54	119.96 9.07 -2.97	124.01 9.68 -0.24	125.45 8.60 -11.79	160.94 7.32 -58.59	159.87 8.65 -44.84	117.40 8.10 0.00
SOUTH_FORK_WT_PWR 323839	127.31 5.78 0.00	116.11 4.55 0.00	116.76 5.09 0.00	80.55 3.87 0.00	104.82 5.15 0.00	86.76 5.53 0.00	163.44 9.32 -25.82	184.82 9.77 -27.03	133.57 7.88 -10.73	125.53 6.75 -0.18	113.40 5.19 0.00	106.82 4.00 0.00	104.52 3.79 0.00	88.38 3.20 0.00	98.75 4.70 0.00	149.41 7.00 -2.88	140.32 8.41 -2.06	141.38 8.23 -2.54	118.33 7.45 -2.97	122.27 7.94 -0.24	123.89 7.04 -11.79	159.51 5.88 -58.60	158.31 7.08 -44.85	115.84 6.53 0.00
SPIERFLS_115KV_TB 1 80737	130.23 8.70 0.00	119.89 8.33 0.00	120.04 8.37 0.00	82.47 5.79 0.00	107.29 7.62 0.00	87.67 6.45 0.00	139.01 10.71 0.00	160.79 12.76 0.00	124.71 9.75 0.00	127.88 9.28 0.00	116.39 8.18 0.00	110.53 7.71 0.00	108.36 7.64 0.00	91.70 6.51 0.00	101.20 7.16 0.00	150.03 10.50 0.00	140.28 10.42 0.00	141.11 10.49 0.00	116.62 8.71 0.00	123.04 8.96 0.00	112.87 7.82 0.00	102.16 7.13 0.00	114.05 7.68 0.00	116.65 7.35 0.00
ST LAWRENCE____ 23600	121.35 -0.18 0.00	111.39 -0.17 0.00	111.32 -0.35 0.00	76.50 -0.18 0.00	99.23 -0.44 0.00	81.03 -0.19 0.00	127.73 -0.57 0.00	147.36 -0.67 0.00	114.50 -0.46 0.00	118.11 -0.49 0.00	107.81 -0.40 0.00	102.64 -0.18 0.00	100.68 -0.04 0.00	85.28 0.09 0.00	94.43 0.39 0.00	139.97 0.44 0.00	129.96 0.10 0.00	130.56 -0.06 0.00	107.95 0.04 0.00	114.16 0.07 0.00	105.52 0.46 0.00	95.65 0.62 0.00	106.93 0.55 0.00	109.81 0.51 0.00

STATE_CA_115KV_115_LB 55624	126.92 5.39 0.00	116.55 4.99 0.00	116.66 4.99 0.00	80.15 3.47 0.00	104.27 4.60 0.00	84.87 3.65 0.00	133.87 5.57 0.00	154.52 6.49 0.00	119.94 4.97 0.00	123.59 5.00 0.00	112.89 4.68 0.00	107.18 4.36 0.00	105.03 4.31 0.00	88.66 3.47 0.00	97.44 3.39 0.00	143.86 4.32 0.00	134.00 4.15 0.00	134.66 4.05 0.00	111.47 3.55 0.00	117.83 3.76 0.00	108.41 3.36 0.00	98.16 3.13 0.00	110.33 3.95 0.00	113.26 3.96 0.00
STATE_ST_34_KV_LOAD 55959	120.79 -0.74 0.00	110.79 -0.77 0.00	110.67 -1.00 0.00	75.84 -0.84 0.00	98.78 -0.89 0.00	80.29 -0.93 0.00	127.65 -0.65 0.00	147.48 -0.55 0.00	114.49 -0.47 0.00	117.90 -0.70 0.00	107.44 -0.77 0.00	102.18 -0.64 0.00	99.97 -0.76 0.00	84.49 -0.70 0.00	93.27 -0.78 0.00	138.53 -1.00 0.00	129.45 -0.40 0.00	130.11 -0.51 0.00	107.34 -0.57 0.00	113.29 -0.79 0.00	103.79 -1.27 0.00	94.01 -1.02 0.00	105.25 -1.14 0.00	108.30 -1.00 0.00
STATION_5_MISC_HYD 23604	118.15 -3.39 0.00	107.46 -3.49 0.61	108.54 -3.13 0.00	73.28 -2.39 1.01	96.71 -2.96 0.00	77.52 -3.00 0.70	123.28 -5.02 0.00	142.32 -5.71 0.00	109.87 -4.16 0.93	114.19 -4.40 0.00	104.27 -3.94 0.00	99.36 -3.47 0.00	97.43 -3.30 0.00	82.69 -2.50 0.00	89.79 -3.49 0.77	127.40 -3.91 8.22	117.52 -3.93 8.40	108.38 -3.52 18.72	101.56 -4.56 1.80	108.51 -5.57 0.00	98.77 -4.99 1.30	87.17 -4.58 3.28	95.74 -5.00 5.64	101.37 -4.77 3.16
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	118.87 -2.66 0.00	108.81 -2.75 0.00	109.18 -2.49 0.00	74.80 -1.88 0.00	97.39 -2.28 0.00	79.01 -2.21 0.00	124.87 -3.43 0.00	144.29 -3.74 0.00	112.09 -2.87 0.00	115.53 -3.06 0.00	105.42 -2.79 0.00	100.20 -2.62 0.00	98.09 -2.63 0.00	83.16 -2.03 0.00	91.36 -2.68 0.00	136.60 -2.93 0.00	127.05 -2.80 0.00	128.20 -2.42 0.00	104.77 -3.15 0.00	110.19 -3.89 0.00	101.44 -3.62 0.00	91.67 -3.36 0.00	102.62 -3.76 0.00	105.70 -3.60 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	117.51 -4.03 0.00	107.50 -4.07 0.00	107.95 -3.72 0.00	73.91 -2.77 0.00	96.22 -3.44 0.00	77.85 -3.37 0.00	122.74 -5.56 0.00	141.73 -6.30 0.00	110.27 -4.69 0.00	113.70 -4.89 0.00	103.82 -4.39 0.00	98.90 -3.92 0.00	96.99 -3.73 0.00	82.29 -2.90 0.00	90.16 -3.89 0.00	134.92 -4.61 0.00	125.25 -4.60 0.00	126.40 -4.21 0.00	102.93 -4.99 0.00	108.10 -5.98 0.00	99.68 -5.38 0.00	90.09 -4.94 0.00	100.92 -5.46 0.00	104.07 -5.24 0.00
STA_56___34_KV_BUS2 355983	117.51 -4.03 0.00	107.50 -4.07 0.00	107.95 -3.72 0.00	73.91 -2.77 0.00	96.22 -3.44 0.00	77.85 -3.37 0.00	122.74 -5.56 0.00	141.73 -6.30 0.00	110.27 -4.69 0.00	113.70 -4.89 0.00	103.82 -4.39 0.00	98.90 -3.92 0.00	96.99 -3.73 0.00	82.29 -2.90 0.00	90.16 -3.89 0.00	134.92 -4.61 0.00	125.25 -4.60 0.00	126.40 -4.21 0.00	102.93 -4.99 0.00	108.10 -5.98 0.00	99.68 -5.38 0.00	90.09 -4.94 0.00	100.92 -5.46 0.00	104.07 -5.24 0.00
STA_67___115KV_BK2 355882	117.90 -3.63 0.00	107.84 -3.72 0.00	108.31 -3.36 0.00	74.16 -2.52 0.00	96.53 -3.14 0.00	78.05 -3.17 0.00	123.01 -5.30 0.00	142.00 -6.03 0.00	110.46 -4.50 0.00	113.89 -4.70 0.00	103.98 -4.24 0.00	99.11 -3.71 0.00	97.20 -3.52 0.00	82.48 -2.70 0.00	90.31 -3.73 0.00	135.23 -4.30 0.00	125.51 -4.34 0.00	126.68 -3.94 0.00	103.09 -4.82 0.00	108.22 -5.86 0.00	99.77 -5.29 0.00	90.22 -4.82 0.00	101.08 -5.30 0.00	104.30 -5.00 0.00
STA_7___115KV_9TRANS 80674	118.72 -2.81 0.00	108.57 -3.00 0.00	109.02 -2.65 0.00	74.62 -2.06 0.00	97.18 -2.49 0.00	78.60 -2.63 0.00	123.95 -4.35 0.00	143.12 -4.91 0.00	111.36 -3.60 0.00	114.84 -3.75 0.00	104.86 -3.35 0.00	99.90 -2.92 0.00	97.98 -2.74 0.00	83.15 -2.04 0.00	91.06 -2.99 0.00	136.40 -3.14 0.00	126.61 -3.24 0.00	127.78 -2.84 0.00	103.99 -3.93 0.00	109.18 -4.89 0.00	100.66 -4.40 0.00	90.94 -4.09 0.00	101.88 -4.50 0.00	105.06 -4.24 0.00
STA_82___115KV_TB1 80780	117.78 -3.75 0.00	107.75 -3.82 0.00	108.21 -3.46 0.00	74.08 -2.60 0.00	96.45 -3.21 0.00	77.98 -3.25 0.00	122.88 -5.42 0.00	141.86 -6.18 0.00	110.35 -4.61 0.00	113.77 -4.83 0.00	103.87 -4.34 0.00	98.99 -3.84 0.00	97.09 -3.63 0.00	82.38 -2.80 0.00	90.20 -3.84 0.00	135.07 -4.46 0.00	125.37 -4.48 0.00	126.54 -4.08 0.00	102.98 -4.93 0.00	108.09 -5.99 0.00	99.66 -5.40 0.00	90.11 -4.92 0.00	100.98 -5.40 0.00	104.20 -5.10 0.00
STEEL___WIND 323596	116.58 -4.95 0.00	104.82 -5.37 1.37	106.82 -4.85 0.00	70.66 -3.76 2.26	94.84 -4.83 0.00	74.56 -5.11 1.56	119.21 -9.09 0.00	137.37 -10.66 0.00	104.91 -7.97 2.08	110.10 -8.49 0.00	100.62 -7.59 0.00	96.45 -6.37 0.00	94.99 -5.73 0.00	80.68 -4.51 0.00	86.20 -6.12 1.72	114.47 -7.23 17.83	104.10 -7.53 18.22	83.14 -6.90 40.57	95.44 -8.57 3.89	104.01 -10.07 0.00	93.72 -8.52 2.82	80.36 -7.57 7.10	86.06 -8.09 12.23	94.96 -7.49 6.85
STEPHTWN_115KV_BK_2 55603	127.33 5.79 0.00	116.99 5.43 0.00	116.99 5.32 0.00	80.29 3.62 0.00	104.43 4.76 0.00	85.09 3.87 0.00	134.63 6.34 0.00	155.28 7.25 0.00	120.51 5.55 0.00	124.01 5.42 0.00	113.14 4.93 0.00	107.30 4.48 0.00	104.97 4.24 0.00	88.74 3.56 0.00	97.62 3.58 0.00	144.36 4.83 0.00	134.80 4.95 0.00	135.59 4.97 0.00	112.21 4.29 0.00	118.73 4.65 0.00	109.19 4.13 0.00	98.62 3.59 0.00	110.79 4.41 0.00	113.56 4.26 0.00
STEBEN_REC_LFGE 323667	112.15 -9.38 0.00	103.75 -7.81 0.00	104.85 -6.82 0.00	71.17 -5.51 0.00	92.12 -7.54 0.00	74.23 -6.99 0.00	116.95 -11.35 0.00	135.88 -12.15 0.00	105.77 -9.19 0.00	109.06 -9.54 0.00	99.64 -8.58 0.00	94.10 -8.72 0.00	92.18 -8.54 0.00	78.93 -6.26 0.00	87.01 -7.03 0.00	132.53 -7.00 0.00	123.93 -5.93 0.00	125.47 -5.15 0.00	102.20 -5.72 0.00	107.48 -6.60 0.00	98.92 -6.14 0.00	89.36 -5.67 0.00	100.23 -6.15 0.00	104.31 -4.99 0.00
STILLWATER___SOLAR 323814	128.82 7.28 0.00	118.38 6.81 0.00	118.46 6.79 0.00	81.41 4.73 0.00	105.89 6.22 0.00	86.41 5.19 0.00	136.68 8.38 0.00	157.87 9.84 0.00	122.43 7.47 0.00	125.78 7.18 0.00	114.49 6.28 0.00	108.69 5.87 0.00	106.55 5.82 0.00	90.20 5.01 0.00	99.58 5.54 0.00	147.64 8.11 0.00	137.84 7.99 0.00	138.69 8.08 0.00	114.59 6.68 0.00	121.04 6.96 0.00	111.14 6.08 0.00	100.50 5.47 0.00	112.36 5.98 0.00	115.08 5.78 0.00
STONY___BROOK 24151	129.29 7.75 0.00	118.03 6.47 0.00	118.64 6.97 0.00	81.79 5.11 0.00	106.34 6.68 0.00	87.72 6.50 0.00	167.82 10.39 -29.12	187.76 11.35 -28.38	136.17 9.29 -11.92	127.52 8.79 -0.13	115.82 7.61 0.00	109.27 6.45 0.00	106.81 6.09 0.00	90.34 5.15 0.00	100.58 6.53 0.00	150.90 9.42 -1.95	141.63 10.38 -1.39	142.85 10.51 -1.72	120.45 9.57 -2.97	124.61 10.29 -0.24	125.62 8.78 -11.79	167.74 7.45 -65.26	167.23 8.72 -52.12	117.63 8.32 0.00
STURGEON_POOL_HYD 23609	125.96 4.42 0.00	115.26 3.70 0.00	115.43 3.76 0.00	79.48 2.80 0.00	103.31 3.64 0.00	84.56 3.34 0.00	134.34 6.04 0.00	155.28 7.25 0.00	120.77 5.81 0.00	124.51 5.92 0.00	113.34 5.13 0.00	107.25 4.43 0.00	104.73 4.00 0.00	88.36 3.18 0.00	97.63 3.59 0.00	144.79 5.26 0.00	135.64 5.79 0.00	136.90 6.28 0.00	113.47 5.55 0.00	120.16 6.08 0.00	109.86 4.81 0.00	98.79 3.75 0.00	110.36 3.98 0.00	113.11 3.81 0.00

ST_LAW_115_BK7_LBMP 345037	121.44 -0.09 0.00	111.44 -0.12 0.00	111.39 -0.28 0.00	76.56 -0.12 0.00	99.28 -0.38 0.00	81.09 -0.13 0.00	127.76 -0.54 0.00	147.42 -0.60 0.00	114.50 -0.46 0.00	118.11 -0.49 0.00	107.79 -0.42 0.00	102.64 -0.18 0.00	100.69 -0.03 0.00	85.33 0.14 0.00	94.49 0.45 0.00	140.02 0.48 0.00	129.89 0.04 0.00	130.47 -0.14 0.00	107.91 -0.01 0.00	114.13 0.04 0.00	105.52 0.46 0.00	95.73 0.70 0.00	106.99 0.61 0.00	109.88 0.58 0.00
ST_LAW_115_BK8_LBMP 345038	121.44 -0.09 0.00	111.44 -0.12 0.00	111.39 -0.28 0.00	76.56 -0.12 0.00	99.28 -0.38 0.00	81.09 -0.13 0.00	127.76 -0.54 0.00	147.42 -0.60 0.00	114.50 -0.46 0.00	118.11 -0.49 0.00	107.79 -0.42 0.00	102.64 -0.18 0.00	100.69 -0.03 0.00	85.33 0.14 0.00	94.49 0.45 0.00	140.02 0.48 0.00	129.89 0.04 0.00	130.47 -0.14 0.00	107.91 -0.01 0.00	114.13 0.04 0.00	105.52 0.46 0.00	95.73 0.70 0.00	106.99 0.61 0.00	109.88 0.58 0.00
ST_LAW_230_BK5_LBMP 345035	121.35 -0.18 0.00	111.39 -0.17 0.00	111.32 -0.35 0.00	76.50 -0.18 0.00	99.23 -0.44 0.00	81.03 -0.19 0.00	127.73 -0.57 0.00	147.36 -0.67 0.00	114.50 -0.46 0.00	118.11 -0.49 0.00	107.81 -0.40 0.00	102.64 -0.18 0.00	100.68 -0.04 0.00	85.28 0.09 0.00	94.43 0.39 0.00	139.97 0.44 0.00	129.96 0.10 0.00	130.56 -0.06 0.00	107.95 0.04 0.00	114.16 0.07 0.00	105.52 0.46 0.00	95.65 0.62 0.00	106.93 0.55 0.00	109.81 0.51 0.00
ST_LAW_230_BK6_LBMP 345036	121.35 -0.18 0.00	111.39 -0.17 0.00	111.32 -0.35 0.00	76.50 -0.18 0.00	99.23 -0.44 0.00	81.03 -0.19 0.00	127.73 -0.57 0.00	147.36 -0.67 0.00	114.50 -0.46 0.00	118.11 -0.49 0.00	107.81 -0.40 0.00	102.64 -0.18 0.00	100.68 -0.04 0.00	85.28 0.09 0.00	94.43 0.39 0.00	139.97 0.44 0.00	129.96 0.10 0.00	130.56 -0.06 0.00	107.95 0.04 0.00	114.16 0.07 0.00	105.52 0.46 0.00	95.65 0.62 0.00	106.93 0.55 0.00	109.81 0.51 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	124.97 3.43 0.00	114.28 2.72 0.00	114.44 2.78 0.00	78.80 2.12 0.00	102.46 2.79 0.00	83.87 2.65 0.00	133.12 4.81 0.00	153.92 5.89 0.00	119.41 4.45 0.00	123.21 4.62 0.00	112.22 4.01 0.00	106.24 3.42 0.00	103.81 3.09 0.00	87.53 2.34 0.00	96.68 2.64 0.00	143.41 3.88 0.00	134.41 4.56 0.00	135.61 4.99 0.00	112.35 4.44 0.00	118.99 4.91 0.00	108.87 3.81 0.00	97.95 2.92 0.00	109.47 3.09 0.00	112.21 2.91 0.00
SWANROAD_115KV_TB1 355699	113.65 -7.88 0.00	103.85 -7.71 0.00	104.22 -7.45 0.00	71.34 -5.34 0.00	92.74 -6.93 0.00	73.93 -7.30 0.00	114.75 -13.55 0.00	131.96 -16.07 0.00	102.77 -12.19 0.00	105.95 -12.64 0.00	96.80 -11.41 0.00	92.98 -9.84 0.00	91.49 -9.23 0.00	77.89 -7.30 0.00	84.96 -9.08 0.00	127.31 -12.22 0.00	117.44 -12.41 0.00	119.15 -11.46 0.00	95.44 -12.47 0.00	99.60 -14.48 0.00	92.34 -12.72 0.00	84.26 -10.77 0.00	95.00 -11.38 0.00	98.91 -10.39 0.00
SYNERGY___BIOGAS 323694	118.86 -2.67 0.00	108.53 -3.03 0.00	108.98 -2.69 0.00	74.56 -2.11 0.00	97.15 -2.52 0.00	78.09 -3.13 0.00	122.47 -5.83 0.00	141.41 -6.62 0.00	110.00 -4.97 0.00	112.97 -5.63 0.00	102.92 -5.30 0.00	97.79 -5.03 0.00	95.62 -5.10 0.00	81.25 -3.94 0.00	88.15 -5.89 0.00	134.18 -5.35 0.00	125.17 -4.68 0.00	126.90 -3.72 0.00	102.29 -5.62 0.00	106.49 -7.59 0.00	96.78 -8.28 0.00	87.76 -7.28 0.00	98.44 -7.94 0.00	102.26 -7.05 0.00
SYRACUSE___ENERGY_ST1 323597	119.57 -1.96 0.00	109.68 -1.88 0.00	109.87 -1.80 0.00	75.37 -1.31 0.00	98.10 -1.57 0.00	79.84 -1.38 0.00	126.46 -1.85 0.00	146.01 -2.01 0.00	113.37 -1.60 0.00	116.90 -1.69 0.00	106.69 -1.53 0.00	101.37 -1.45 0.00	99.26 -1.46 0.00	83.94 -1.25 0.00	92.61 -1.43 0.00	137.60 -1.94 0.00	128.13 -1.72 0.00	128.97 -1.64 0.00	106.34 -1.58 0.00	112.25 -1.83 0.00	103.13 -1.93 0.00	93.22 -1.81 0.00	104.44 -1.94 0.00	107.41 -1.90 0.00
SYRACUSE___ENERGY_ST2 323598	119.57 -1.96 0.00	109.68 -1.88 0.00	109.87 -1.80 0.00	75.37 -1.31 0.00	98.10 -1.57 0.00	79.84 -1.38 0.00	126.46 -1.85 0.00	146.01 -2.01 0.00	113.37 -1.60 0.00	116.90 -1.69 0.00	106.69 -1.53 0.00	101.37 -1.45 0.00	99.26 -1.46 0.00	83.94 -1.25 0.00	92.61 -1.43 0.00	137.60 -1.94 0.00	128.13 -1.72 0.00	128.97 -1.64 0.00	106.34 -1.58 0.00	112.25 -1.83 0.00	103.13 -1.93 0.00	93.22 -1.81 0.00	104.44 -1.94 0.00	107.41 -1.90 0.00
SYRACUSE___POWER 24017	119.64 -1.90 0.00	109.74 -1.82 0.00	109.98 -1.69 0.00	75.46 -1.22 0.00	98.20 -1.47 0.00	79.91 -1.31 0.00	126.50 -1.80 0.00	146.14 -1.89 0.00	113.46 -1.50 0.00	117.01 -1.58 0.00	106.81 -1.40 0.00	101.46 -1.36 0.00	99.35 -1.37 0.00	84.03 -1.16 0.00	92.83 -1.21 0.00	137.70 -1.83 0.00	128.09 -1.75 0.00	128.96 -1.65 0.00	106.31 -1.60 0.00	112.16 -1.92 0.00	103.11 -1.94 0.00	93.13 -1.90 0.00	104.40 -1.98 0.00	107.33 -1.98 0.00
TALLMAN__138KV_BK151 55660	124.87 3.34 0.00	114.06 2.50 0.00	114.26 2.60 0.00	78.70 2.03 0.00	102.33 2.66 0.00	83.86 2.64 0.00	133.22 4.92 0.00	154.10 6.07 0.00	119.58 4.62 0.00	123.46 4.86 0.00	112.46 4.24 0.00	106.43 3.61 0.00	103.96 3.23 0.00	87.58 2.39 0.00	96.73 2.69 0.00	143.44 3.90 0.00	134.47 4.62 0.00	135.72 5.11 0.00	112.47 4.55 0.00	119.18 5.09 0.00	108.95 3.90 0.00	97.96 2.93 0.00	109.50 3.12 0.00	112.19 2.89 0.00
TEALLAVE_115KV_TB7 355573	118.89 -2.65 0.00	109.04 -2.52 0.00	109.30 -2.37 0.00	74.97 -1.71 0.00	97.57 -2.10 0.00	79.38 -1.84 0.00	125.60 -2.70 0.00	145.08 -2.95 0.00	112.68 -2.29 0.00	116.22 -2.37 0.00	106.14 -2.08 0.00	100.85 -1.97 0.00	98.75 -1.98 0.00	83.55 -1.64 0.00	92.11 -1.93 0.00	136.90 -2.63 0.00	127.40 -2.45 0.00	128.29 -2.33 0.00	105.63 -2.29 0.00	111.48 -2.60 0.00	102.51 -2.55 0.00	92.62 -2.41 0.00	103.77 -2.61 0.00	106.74 -2.56 0.00
TELGRAPH_34_KV_EAST 80808	115.90 -5.63 0.00	105.81 -5.75 0.00	106.29 -5.38 0.00	72.70 -3.98 0.00	94.62 -5.05 0.00	75.75 -5.47 0.00	118.30 -10.01 0.00	136.33 -11.70 0.00	106.11 -8.85 0.00	109.25 -9.35 0.00	99.69 -8.52 0.00	95.32 -7.50 0.00	93.64 -7.08 0.00	79.68 -5.51 0.00	86.84 -7.20 0.00	130.74 -8.80 0.00	121.09 -8.76 0.00	122.80 -7.82 0.00	98.63 -9.28 0.00	102.94 -11.14 0.00	95.06 -9.99 0.00	86.42 -8.61 0.00	97.21 -9.17 0.00	100.93 -8.37 0.00
TEMPLE___115KV_TB 2 55572	118.89 -2.64 0.00	109.05 -2.51 0.00	109.30 -2.37 0.00	74.99 -1.69 0.00	97.59 -2.08 0.00	79.40 -1.82 0.00	125.66 -2.64 0.00	145.13 -2.90 0.00	112.68 -2.29 0.00	116.23 -2.36 0.00	106.15 -2.07 0.00	100.86 -1.96 0.00	98.76 -1.96 0.00	83.55 -1.64 0.00	92.14 -1.90 0.00	136.93 -2.61 0.00	127.43 -2.42 0.00	128.29 -2.33 0.00	105.66 -2.25 0.00	111.49 -2.59 0.00	102.54 -2.52 0.00	92.64 -2.39 0.00	103.79 -2.59 0.00	106.76 -2.54 0.00
TIANA____69_KV_BK 1 55817	130.00 8.47 0.00	118.65 7.09 0.00	119.23 7.56 0.00	82.20 5.52 0.00	106.97 7.29 0.00	88.38 7.15 0.00	165.78 11.67 -25.81	187.62 12.57 -27.02	135.77 10.08 -10.73	128.08 9.30 -0.18	115.92 7.71 0.00	109.26 6.44 0.00	106.75 6.03 0.00	90.33 5.14 0.00	100.82 6.77 0.00	152.15 9.74 -2.88	142.67 10.77 -2.06	143.98 10.83 -2.54	120.55 9.66 -2.97	124.69 10.36 -0.24	126.08 9.23 -11.79	161.62 8.00 -58.59	160.63 9.41 -44.84	118.18 8.88 0.00

TILDEN___115KV_TB1 80814	119.64 -1.90 0.00	109.74 -1.82 0.00	109.98 -1.69 0.00	75.46 -1.22 0.00	98.20 -1.47 0.00	79.91 -1.31 0.00	126.50 -1.80 0.00	146.14 -1.89 0.00	113.46 -1.50 0.00	117.01 -1.58 0.00	106.81 -1.40 0.00	101.46 -1.36 0.00	99.35 -1.37 0.00	84.03 -1.16 0.00	92.83 -1.21 0.00	137.70 -1.83 0.00	128.09 -1.75 0.00	128.96 -1.65 0.00	106.31 -1.60 0.00	112.16 -1.92 0.00	103.11 -1.94 0.00	93.13 -1.90 0.00	104.40 -1.98 0.00	107.33 -1.98 0.00
TRIGEN___CC 323695	127.07 5.54 0.00	116.25 4.69 0.00	116.55 4.88 0.00	80.30 3.62 0.00	104.41 4.74 0.00	85.90 4.68 0.00	135.87 7.56 0.00	156.60 8.57 0.00	122.02 7.06 0.00	125.73 7.14 0.00	114.68 6.47 0.00	108.36 5.54 0.00	105.96 5.23 0.00	89.46 4.27 0.00	99.12 5.07 0.00	146.55 7.02 0.00	137.72 7.87 0.00	138.82 8.21 0.00	118.29 7.41 -2.97	122.26 7.94 -0.24	123.31 6.47 -11.79	123.98 5.30 -23.65	119.08 6.03 -6.66	115.01 5.70 0.00
TRINITY___115KV__4 BK 55933	126.18 4.64 0.00	115.90 4.34 0.00	116.00 4.33 0.00	79.72 3.04 0.00	103.67 4.00 0.00	84.40 3.18 0.00	133.08 4.78 0.00	153.54 5.51 0.00	119.18 4.22 0.00	122.81 4.21 0.00	112.15 3.94 0.00	106.47 3.65 0.00	104.32 3.59 0.00	88.08 2.89 0.00	96.82 2.77 0.00	142.97 3.44 0.00	133.15 3.30 0.00	133.85 3.23 0.00	110.80 2.89 0.00	117.16 3.08 0.00	107.80 2.75 0.00	97.63 2.60 0.00	109.71 3.33 0.00	112.63 3.32 0.00
UNION___PROCESSING_DRP 323587	117.82 -3.71 0.00	107.77 -3.79 0.00	108.25 -3.42 0.00	74.12 -2.56 0.00	96.48 -3.18 0.00	77.99 -3.23 0.00	122.92 -5.38 0.00	141.88 -6.15 0.00	110.38 -4.58 0.00	113.80 -4.80 0.00	103.89 -4.32 0.00	99.01 -3.81 0.00	97.10 -3.62 0.00	82.40 -2.79 0.00	90.22 -3.83 0.00	135.12 -4.42 0.00	125.43 -4.43 0.00	126.56 -4.06 0.00	103.00 -4.91 0.00	108.10 -5.98 0.00	99.67 -5.39 0.00	90.15 -4.89 0.00	101.00 -5.39 0.00	104.21 -5.09 0.00
UPPER HUDSON___HYD 24058	130.23 8.70 0.00	119.90 8.34 0.00	120.04 8.37 0.00	82.46 5.78 0.00	107.29 7.62 0.00	87.68 6.45 0.00	139.01 10.71 0.00	160.79 12.76 0.00	124.71 9.75 0.00	127.88 9.28 0.00	116.38 8.17 0.00	110.53 7.71 0.00	108.36 7.64 0.00	91.70 6.51 0.00	101.20 7.15 0.00	150.03 10.50 0.00	140.28 10.43 0.00	141.11 10.49 0.00	116.61 8.70 0.00	123.04 8.96 0.00	112.87 7.82 0.00	102.17 7.14 0.00	114.05 7.67 0.00	116.65 7.35 0.00
UPPER RAQUET___HYD 24056	123.08 1.55 0.00	113.24 1.68 0.00	113.33 1.66 0.00	77.67 0.99 0.00	100.14 0.48 0.00	81.81 0.59 0.00	127.47 -0.83 0.00	147.27 -0.76 0.00	114.58 -0.38 0.00	118.29 -0.31 0.00	108.24 0.03 0.00	103.11 0.28 0.00	101.12 0.40 0.00	85.36 0.17 0.00	94.13 0.09 0.00	139.12 -0.41 0.00	128.74 -1.12 0.00	129.52 -1.10 0.00	107.15 -0.77 0.00	113.03 -1.06 0.00	104.75 -0.30 0.00	95.66 0.63 0.00	107.54 1.16 0.00	110.41 1.11 0.00
VALLEY44_115KV_TB2 355964	117.75 -3.78 0.00	107.19 -4.37 0.00	107.76 -3.91 0.00	73.61 -3.07 0.00	95.99 -3.68 0.00	77.42 -3.81 0.00	121.45 -6.85 0.00	140.19 -7.84 0.00	108.84 -6.12 0.00	112.16 -6.43 0.00	102.72 -5.50 0.00	98.31 -4.51 0.00	96.77 -3.95 0.00	82.10 -3.09 0.00	89.52 -4.53 0.00	133.78 -5.75 0.00	123.89 -5.96 0.00	124.28 -6.34 0.00	100.57 -7.35 0.00	105.71 -8.38 0.00	97.58 -7.48 0.00	88.37 -6.66 0.00	99.34 -7.04 0.00	102.72 -6.58 0.00
VALLEY___115KV_TB 1-4 80826	126.48 4.95 0.00	115.96 4.40 0.00	115.92 4.25 0.00	79.71 3.03 0.00	103.70 4.03 0.00	84.76 3.53 0.00	134.22 5.92 0.00	155.20 7.17 0.00	119.92 4.96 0.00	122.76 4.17 0.00	112.00 3.79 0.00	106.22 3.39 0.00	103.86 3.13 0.00	88.01 2.83 0.00	97.49 3.45 0.00	145.04 5.51 0.00	135.37 5.52 0.00	136.28 5.66 0.00	112.70 4.78 0.00	119.23 5.15 0.00	109.53 4.47 0.00	99.10 4.07 0.00	110.82 4.44 0.00	113.71 4.41 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	128.78 7.25 0.00	118.12 6.56 0.00	118.34 6.67 0.00	81.31 4.63 0.00	105.98 6.31 0.00	86.24 5.02 0.00	136.84 8.54 0.00	158.01 9.98 0.00	122.62 7.66 0.00	126.53 7.94 0.00	115.34 7.13 0.00	109.39 6.57 0.00	106.99 6.27 0.00	90.34 5.15 0.00	99.66 5.61 0.00	148.09 8.56 0.00	138.27 8.42 0.00	139.30 8.69 0.00	115.08 7.17 0.00	121.72 7.63 0.00	111.74 6.68 0.00	100.34 5.31 0.00	112.64 6.26 0.00	115.35 6.04 0.00
VISCHER___FERRY HYD 24020	127.24 5.70 0.00	116.87 5.31 0.00	116.95 5.29 0.00	80.36 3.69 0.00	104.51 4.84 0.00	85.14 3.92 0.00	134.48 6.18 0.00	155.23 7.20 0.00	120.50 5.54 0.00	124.01 5.42 0.00	113.03 4.81 0.00	107.34 4.52 0.00	105.17 4.45 0.00	88.87 3.68 0.00	98.03 3.99 0.00	145.11 5.58 0.00	135.26 5.41 0.00	136.10 5.48 0.00	112.51 4.59 0.00	118.94 4.86 0.00	109.31 4.25 0.00	98.94 3.91 0.00	110.74 4.36 0.00	113.47 4.17 0.00
V_A_10_SYNC_DSASP 323832	114.53 -7.00 0.00	104.81 -6.75 0.00	105.47 -6.20 0.00	72.10 -4.58 0.00	93.79 -5.88 0.00	75.33 -5.89 0.00	118.03 -10.27 0.00	135.89 -12.14 0.00	105.82 -9.14 0.00	109.17 -9.43 0.00	99.81 -8.39 0.00	95.61 -7.21 0.00	94.00 -6.72 0.00	79.81 -5.38 0.00	87.04 -7.01 0.00	130.50 -9.03 0.00	120.60 -9.25 0.00	121.61 0.00 0.00	98.38 -9.53 0.00	103.09 -10.99 0.00	95.35 -9.71 0.00	86.47 -8.56 0.00	97.20 -9.18 0.00	100.63 -8.68 0.00
V_CMM_10_SYNC_DSASP 323787	121.22 -0.32 0.00	111.10 -0.46 0.00	111.05 -0.62 0.00	76.52 -0.15 0.00	99.24 -0.42 0.00	81.28 0.05 0.00	128.24 -0.06 0.00	147.87 -0.15 0.00	114.57 -0.39 0.00	117.82 -0.77 0.00	107.47 -0.75 0.00	102.32 -0.51 0.00	100.39 -0.34 0.00	85.22 0.03 0.00	94.83 0.79 0.00	140.24 0.71 0.00	129.67 -0.18 0.00	130.11 -0.50 0.00	107.94 0.02 0.00	114.52 0.44 0.00	105.97 0.91 0.00	96.12 1.09 0.00	107.43 1.06 0.00	110.35 1.04 0.00
V_CMP_10_SYNC_DSASP 323788	120.92 -0.62 0.00	112.07 0.51 0.00	111.94 0.27 0.00	76.90 0.22 0.00	99.48 -0.18 0.00	81.43 0.20 0.00	128.23 -0.08 0.00	147.83 -0.20 0.00	115.10 0.14 0.00	118.95 0.35 0.00	108.67 0.45 0.00	103.56 0.73 0.00	102.00 1.27 0.00	86.67 1.48 0.00	95.57 1.52 0.00	141.58 2.05 0.00	132.29 2.44 0.00	133.03 2.41 0.00	110.59 2.67 0.00	116.84 2.76 0.00	108.01 2.95 0.00	98.22 3.19 0.00	109.67 3.29 0.00	112.21 2.90 0.00
V_D_10_SYNC_DSASP 323841	123.38 1.84 0.00	113.28 1.72 0.00	113.25 1.58 0.00	77.78 1.11 0.00	100.72 1.06 0.00	82.31 1.08 0.00	129.33 1.03 0.00	149.22 1.19 0.00	116.11 1.15 0.00	119.76 1.17 0.00	109.32 1.11 0.00	104.12 1.30 0.00	102.15 1.43 0.00	86.50 1.32 0.00	95.65 1.61 0.00	141.64 2.11 0.00	131.23 1.38 0.00	131.84 1.23 0.00	108.99 1.07 0.00	115.08 1.00 0.00	106.42 1.36 0.00	96.88 1.85 0.00	108.36 1.98 0.00	111.29 1.99 0.00
V_E_10_SYNC_DSASP 323830	126.31 4.77 0.00	115.66 4.10 0.00	116.67 5.00 0.00	79.53 2.85 0.00	103.55 3.89 0.00	84.05 2.83 0.00	133.72 5.42 0.00	154.90 6.87 0.00	119.46 4.50 0.00	123.16 4.56 0.00	113.10 4.89 0.00	107.74 4.92 0.00	105.66 4.94 0.00	89.06 3.88 0.00	98.27 4.22 0.00	147.05 7.51 0.00	137.20 7.35 0.00	138.09 7.47 0.00	113.09 5.18 0.00	119.62 5.54 0.00	109.82 4.76 0.00	99.87 4.84 0.00	112.47 6.09 0.00	115.45 6.15 0.00

V_F_30_NSYNC___DSASP 323816	128.88 7.34 0.00	118.47 6.91 0.00	118.54 6.88 0.00	81.45 4.77 0.00	105.96 6.29 0.00	86.48 5.26 0.00	136.80 8.50 0.00	157.98 9.95 0.00	122.52 7.56 0.00	125.90 7.30 0.00	114.64 6.42 0.00	108.84 6.02 0.00	106.68 5.95 0.00	90.30 5.11 0.00	99.67 5.63 0.00	147.79 8.26 0.00	137.97 8.12 0.00	138.82 8.20 0.00	114.65 6.73 0.00	121.13 7.05 0.00	111.23 6.18 0.00	100.58 5.55 0.00	112.45 6.07 0.00	115.17 5.86 0.00
V_F_30_SYNC_DSASP 323786	126.91 5.38 0.00	116.50 4.94 0.00	116.64 4.97 0.00	80.15 3.47 0.00	104.23 4.56 0.00	84.87 3.65 0.00	133.86 5.55 0.00	154.48 6.46 0.00	119.91 4.95 0.00	123.56 4.97 0.00	112.89 4.68 0.00	107.16 4.34 0.00	104.99 4.26 0.00	88.65 3.46 0.00	97.40 3.35 0.00	143.83 4.29 0.00	133.96 4.11 0.00	134.66 4.05 0.00	111.47 3.55 0.00	117.81 3.73 0.00	108.40 3.35 0.00	98.16 3.13 0.00	110.31 3.94 0.00	113.26 3.96 0.00
V_XM_10_SYNC_DSASP 323789	120.92 -0.62 0.00	112.07 0.51 0.00	111.94 0.27 0.00	76.90 0.22 0.00	99.48 -0.18 0.00	81.43 0.20 0.00	128.23 -0.08 0.00	147.83 -0.20 0.00	115.10 0.14 0.00	118.95 0.35 0.00	108.67 0.45 0.00	103.56 0.73 0.00	102.00 1.27 0.00	86.67 1.48 0.00	95.57 1.52 0.00	141.58 2.05 0.00	132.29 2.44 0.00	133.03 2.41 0.00	110.59 2.67 0.00	116.84 2.76 0.00	108.01 2.95 0.00	98.22 3.19 0.00	109.67 3.29 0.00	112.21 2.90 0.00
W.BABYLN_69_KV_BK1 56697	129.81 8.27 0.00	118.49 6.93 0.00	119.02 7.35 0.00	82.00 5.33 0.00	106.62 6.95 0.00	87.89 6.67 0.00	140.99 10.59 -2.10	163.08 11.90 -3.16	125.55 9.63 -0.95	128.08 9.43 -0.05	116.56 8.34 0.00	109.95 7.12 0.00	107.47 6.75 0.00	90.86 5.67 0.00	100.99 6.95 0.00	150.40 10.11 -0.76	141.57 11.18 -0.54	142.68 11.40 -0.67	121.00 10.12 -2.97	125.17 10.85 -0.24	125.99 9.15 -11.79	129.16 7.70 -26.44	124.88 8.80 -9.71	117.77 8.46 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	125.28 3.75 0.00	114.46 2.90 0.00	114.65 2.99 0.00	78.95 2.28 0.00	102.65 2.98 0.00	84.14 2.91 0.00	133.62 5.33 0.00	154.62 6.59 0.00	119.99 5.03 0.00	123.88 5.28 0.00	112.81 4.60 0.00	106.79 3.97 0.00	104.32 3.59 0.00	87.91 2.72 0.00	97.10 3.06 0.00	143.99 4.46 0.00	134.99 5.14 0.00	136.24 5.62 0.00	112.89 4.98 0.00	119.60 5.52 0.00	109.35 4.29 0.00	98.29 3.26 0.00	109.88 3.50 0.00	112.56 3.25 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	126.34 4.80 0.00	115.34 3.78 0.00	115.53 3.86 0.00	79.60 2.93 0.00	103.47 3.80 0.00	84.94 3.72 0.00	134.97 6.67 0.00	156.33 8.30 0.00	121.47 6.51 0.00	125.46 6.87 0.00	114.18 5.97 0.00	108.12 5.30 0.00	105.60 4.88 0.00	88.96 3.78 0.00	98.28 4.24 0.00	145.69 6.16 0.00	136.62 6.77 0.00	137.89 7.27 0.00	114.18 6.26 0.00	120.78 6.70 0.00	110.34 5.28 0.00	99.19 4.17 0.00	110.92 4.54 0.00	113.51 4.21 0.00
W50THST__13_KV_LOAD 356117	127.05 5.52 0.00	115.94 4.38 0.00	116.11 4.44 0.00	80.02 3.35 0.00	103.99 4.32 0.00	85.40 4.18 0.00	135.78 7.48 0.00	157.35 9.32 0.00	122.29 7.33 0.00	126.38 7.79 0.00	115.01 6.80 0.00	108.88 6.06 0.00	106.38 5.66 0.00	89.62 4.44 0.00	99.00 4.95 0.00	146.89 7.36 0.00	137.73 7.88 0.00	138.96 8.34 0.00	115.00 7.08 0.00	121.56 7.48 0.00	111.06 6.00 0.00	99.85 4.82 0.00	111.58 5.20 0.00	114.21 4.90 0.00
WADING RIVER_IC_1 23522	129.70 8.16 0.00	118.34 6.78 0.00	118.97 7.30 0.00	82.01 5.33 0.00	106.66 6.99 0.00	88.06 6.84 0.00	165.27 11.06 -25.91	187.04 11.87 -27.14	135.41 9.68 -10.77	127.73 8.95 -0.18	115.72 7.51 0.00	109.06 6.23 0.00	106.59 5.87 0.00	90.20 5.01 0.00	100.61 6.57 0.00	151.65 9.22 -2.90	141.74 9.82 -2.07	143.11 9.94 -2.55	119.80 8.91 -2.97	123.87 9.55 -0.24	125.59 8.74 -11.79	161.49 7.68 -58.78	160.51 9.08 -45.05	117.92 8.62 0.00
WADING RIVER_IC_2 23547	129.70 8.16 0.00	118.34 6.78 0.00	118.97 7.30 0.00	82.01 5.33 0.00	106.66 6.99 0.00	88.06 6.84 0.00	165.27 11.06 -25.91	187.04 11.87 -27.14	135.41 9.68 -10.77	127.73 8.95 -0.18	115.72 7.51 0.00	109.06 6.23 0.00	106.59 5.87 0.00	90.20 5.01 0.00	100.61 6.57 0.00	151.65 9.22 -2.90	141.74 9.82 -2.07	143.11 9.94 -2.55	119.80 8.91 -2.97	123.87 9.55 -0.24	125.59 8.74 -11.79	161.49 7.68 -58.78	160.51 9.08 -45.05	117.92 8.62 0.00
WADING RIVER_IC_3 23601	129.70 8.16 0.00	118.34 6.78 0.00	118.97 7.30 0.00	82.01 5.33 0.00	106.66 6.99 0.00	88.06 6.84 0.00	165.27 11.06 -25.91	187.04 11.87 -27.14	135.41 9.68 -10.77	127.73 8.95 -0.18	115.72 7.51 0.00	109.06 6.23 0.00	106.59 5.87 0.00	90.20 5.01 0.00	100.61 6.57 0.00	151.65 9.22 -2.90	141.74 9.82 -2.07	143.11 9.94 -2.55	119.80 8.91 -2.97	123.87 9.55 -0.24	125.59 8.74 -11.79	161.49 7.68 -58.78	160.51 9.08 -45.05	117.92 8.62 0.00
WALDENNY_12_KV_BK2 80841	116.77 -4.77 0.00	106.35 -5.21 0.00	106.95 -4.72 0.00	73.08 -3.60 0.00	95.02 -4.64 0.00	76.24 -4.98 0.00	119.28 -9.02 0.00	137.47 -10.56 0.00	106.95 -8.01 0.00	110.23 -8.37 0.00	100.76 -7.45 0.00	96.59 -6.23 0.00	95.13 -5.60 0.00	80.82 -4.37 0.00	88.14 -5.90 0.00	132.43 -7.10 0.00	122.35 -7.50 0.00	123.85 -6.77 0.00	99.46 -8.46 0.00	104.07 -10.01 0.00	96.46 -8.59 0.00	87.47 -7.56 0.00	98.31 -8.07 0.00	101.95 -7.35 0.00
WALDEN___HYDRO 24148	125.94 4.41 0.00	115.17 3.61 0.00	115.34 3.67 0.00	79.40 2.73 0.00	103.26 3.59 0.00	84.53 3.31 0.00	134.20 5.90 0.00	155.17 7.15 0.00	120.29 5.33 0.00	124.15 5.55 0.00	113.06 4.85 0.00	107.02 4.20 0.00	104.53 3.80 0.00	88.11 2.93 0.00	97.35 3.30 0.00	144.51 4.98 0.00	135.50 5.65 0.00	136.76 6.14 0.00	113.31 5.39 0.00	119.98 5.90 0.00	109.76 4.70 0.00	98.73 3.70 0.00	110.32 3.94 0.00	113.05 3.74 0.00
WARRENSBURG____ 23737	130.23 8.70 0.00	119.89 8.33 0.00	120.04 8.37 0.00	82.47 5.79 0.00	107.29 7.62 0.00	87.67 6.45 0.00	139.01 10.71 0.00	160.79 12.76 0.00	124.71 9.75 0.00	127.88 9.28 0.00	116.39 8.18 0.00	110.53 7.71 0.00	108.36 7.64 0.00	91.70 6.51 0.00	101.20 7.16 0.00	150.03 10.50 0.00	140.28 10.42 0.00	141.11 10.49 0.00	116.62 8.71 0.00	123.04 8.96 0.00	112.87 7.82 0.00	102.16 7.13 0.00	114.05 7.68 0.00	116.65 7.35 0.00
WATERSIDE____6 8 9 23538	125.92 4.38 0.00	114.99 3.43 0.00	115.18 3.51 0.00	79.44 2.77 0.00	103.18 3.51 0.00	84.75 3.53 0.00	134.66 6.36 0.00	156.03 8.00 0.00	121.22 6.26 0.00	125.22 6.62 0.00	113.93 5.72 0.00	107.81 4.99 0.00	105.32 4.60 0.00	88.76 3.57 0.00	98.00 3.96 0.00	145.13 5.60 0.00	136.17 6.32 0.00	137.36 6.75 0.00	113.81 5.89 0.00	120.33 6.25 0.00	109.94 4.88 0.00	98.91 3.88 0.00	110.54 4.16 0.00	113.07 3.76 0.00
WATKINRD_115KV_LN8_ILLION 55919	125.25 3.71 0.00	114.89 3.33 0.00	114.91 3.24 0.00	78.96 2.28 0.00	102.72 3.05 0.00	83.86 2.63 0.00	132.69 4.39 0.00	153.38 5.36 0.00	118.72 3.76 0.00	121.78 3.18 0.00	111.07 2.86 0.00	105.38 2.56 0.00	103.10 2.37 0.00	87.32 2.13 0.00	96.62 2.58 0.00	143.62 4.09 0.00	133.96 4.11 0.00	134.84 4.22 0.00	111.49 3.58 0.00	117.90 3.82 0.00	108.39 3.33 0.00	98.04 3.01 0.00	109.66 3.28 0.00	112.52 3.21 0.00

WDELAWARE___HYD 323627	124.16 2.63 0.00	113.76 2.10 -0.10	113.76 2.09 0.00	78.49 1.65 -0.17	101.86 2.19 0.00	83.51 2.18 -0.11	132.73 4.43 0.00	153.54 5.52 0.00	119.14 4.02 -0.16	122.75 4.16 0.00	111.73 3.52 0.00	105.82 3.00 0.00	103.28 2.55 0.00	87.21 2.02 0.00	96.37 2.20 -0.13	143.03 3.50 0.00	134.07 4.22 0.00	135.29 4.68 0.00	112.10 4.18 0.00	118.67 4.59 0.00	108.58 3.52 0.00	97.62 2.59 0.00	108.99 2.61 0.00	111.66 2.35 0.00
WEST BABYLON___IC 23714	129.81 8.27 0.00	118.49 6.93 0.00	119.02 7.35 0.00	82.00 5.33 0.00	106.62 6.95 0.00	87.89 6.67 0.00	140.99 10.59 -2.10	163.08 11.90 -3.16	125.55 9.63 -0.95	128.08 9.43 -0.05	116.56 8.34 0.00	109.95 7.12 0.00	107.47 6.75 0.00	90.86 5.67 0.00	100.99 6.95 0.00	150.40 10.11 -0.76	141.57 11.18 -0.54	142.68 11.40 -0.67	121.00 10.12 -2.97	125.17 10.85 -0.24	125.99 9.15 -11.79	129.16 7.70 -26.44	124.88 8.80 -9.71	117.77 8.46 0.00
WEST CANADA___HYD 24049	122.02 0.49 0.00	112.06 0.50 0.00	112.14 0.47 0.00	76.99 0.31 0.00	100.07 0.40 0.00	81.55 0.33 0.00	128.82 0.51 0.00	148.65 0.62 0.00	115.44 0.48 0.00	119.07 0.48 0.00	108.65 0.43 0.00	103.23 0.41 0.00	101.04 0.31 0.00	85.45 0.26 0.00	94.33 0.29 0.00	139.95 0.42 0.00	130.22 0.37 0.00	131.00 0.38 0.00	108.24 0.32 0.00	114.43 0.34 0.00	105.38 0.33 0.00	95.30 0.26 0.00	106.78 0.40 0.00	109.67 0.37 0.00
WESTERN_NY_WIND 24143	118.63 -2.90 0.00	108.31 -3.25 0.00	108.76 -2.91 0.00	74.42 -2.26 0.00	96.95 -2.72 0.00	77.88 -3.34 0.00	122.14 -6.17 0.00	140.98 -7.05 0.00	109.67 -5.29 0.00	112.68 -5.92 0.00	102.65 -5.56 0.00	97.59 -5.23 0.00	95.42 -5.30 0.00	81.14 -4.05 0.00	88.07 -5.97 0.00	133.90 -5.63 0.00	124.85 -5.00 0.00	126.56 -4.05 0.00	101.98 -5.94 0.00	106.19 -7.89 0.00	96.73 -8.32 0.00	87.72 -7.31 0.00	98.44 -7.94 0.00	102.25 -7.06 0.00
WESTOVER___LESR 323668	120.74 -0.80 0.00	110.77 -0.79 0.00	111.07 -0.60 0.00	76.16 -0.52 0.00	99.16 -0.51 0.00	80.52 -0.70 0.00	127.43 -0.88 0.00	147.14 -0.89 0.00	114.16 -0.80 0.00	117.66 -0.94 0.00	107.50 -0.71 0.00	102.08 -0.74 0.00	100.06 -0.66 0.00	84.62 -0.57 0.00	93.13 -0.91 0.00	138.67 -0.86 0.00	129.11 -0.74 0.00	130.01 -0.60 0.00	107.24 -0.68 0.00	113.23 -0.84 0.00	104.08 -0.98 0.00	93.94 -1.09 0.00	105.13 -1.25 0.00	108.19 -1.12 0.00
WETHRSFD_WT_PWR 323626	113.74 -7.80 0.00	103.40 -7.65 0.51	104.49 -7.18 0.00	70.45 -5.38 0.85	92.45 -7.22 0.00	73.63 -7.01 0.58	116.65 -11.65 0.00	134.49 -13.54 0.00	103.80 -10.38 0.78	107.50 -11.10 0.00	98.23 -9.98 0.00	93.51 -9.31 0.00	92.12 -8.60 0.00	78.40 -6.79 0.00	85.20 -8.19 0.65	122.40 -9.82 7.31	113.24 -9.13 7.47	105.34 -8.63 16.65	96.85 -9.47 1.60	103.30 -10.78 0.00	94.54 -9.36 1.16	83.74 -8.38 2.91	92.02 -9.34 5.02	98.00 -8.49 2.81
WHAVSTOR_138KV_BK127 55557	124.70 3.16 0.00	113.94 2.38 0.00	114.12 2.46 0.00	78.60 1.92 0.00	102.18 2.51 0.00	83.78 2.55 0.00	132.99 4.68 0.00	153.85 5.82 0.00	119.40 4.44 0.00	123.25 4.66 0.00	112.27 4.06 0.00	106.26 3.44 0.00	103.80 3.07 0.00	87.46 2.27 0.00	96.58 2.54 0.00	143.23 3.70 0.00	134.28 4.43 0.00	135.46 4.85 0.00	112.29 4.37 0.00	118.97 4.89 0.00	108.76 3.70 0.00	97.80 2.77 0.00	109.35 2.97 0.00	112.05 2.74 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	124.70 3.16 0.00	113.94 2.38 0.00	114.12 2.46 0.00	78.60 1.92 0.00	102.18 2.51 0.00	83.78 2.55 0.00	132.99 4.68 0.00	153.85 5.82 0.00	119.40 4.44 0.00	123.25 4.66 0.00	112.27 4.06 0.00	106.26 3.44 0.00	103.80 3.07 0.00	87.46 2.27 0.00	96.58 2.54 0.00	143.23 3.70 0.00	134.28 4.43 0.00	135.46 4.85 0.00	112.29 4.37 0.00	118.97 4.89 0.00	108.76 3.70 0.00	97.80 2.77 0.00	109.35 2.97 0.00	112.05 2.74 0.00
WHITEHAL_115KV_TB1 80871	130.09 8.55 0.00	119.76 8.20 0.00	119.91 8.24 0.00	82.46 5.78 0.00	107.12 7.45 0.00	87.97 6.74 0.00	139.76 11.45 0.00	162.00 13.97 0.00	125.90 10.94 0.00	128.15 9.56 0.00	116.25 8.04 0.00	110.81 7.99 0.00	108.80 8.08 0.00	92.65 7.46 0.00	102.04 7.99 0.00	151.33 11.80 0.00	142.12 12.27 0.00	142.67 12.05 0.00	118.33 10.42 0.00	124.62 10.53 0.00	113.87 8.81 0.00	102.97 7.94 0.00	114.87 8.49 0.00	116.71 7.41 0.00
WHITEPLN_13_KV_LOAD 356215	127.04 5.51 0.00	116.06 4.50 0.00	116.24 4.57 0.00	80.06 3.38 0.00	104.07 4.40 0.00	85.38 4.15 0.00	135.74 7.44 0.00	157.18 9.16 0.00	122.05 7.09 0.00	125.96 7.36 0.00	114.73 6.52 0.00	108.56 5.74 0.00	106.06 5.33 0.00	89.40 4.21 0.00	98.76 4.71 0.00	146.46 6.93 0.00	137.41 7.56 0.00	138.73 8.11 0.00	114.89 6.97 0.00	121.61 7.53 0.00	111.16 6.10 0.00	99.90 4.87 0.00	111.65 5.27 0.00	114.31 5.00 0.00
WM_FLOYD_69_KV_BK2 356380	129.66 8.12 0.00	118.33 6.77 0.00	118.94 7.27 0.00	81.99 5.31 0.00	106.64 6.97 0.00	88.03 6.80 0.00	164.83 10.98 -25.55	186.46 11.84 -26.59	135.14 9.57 -10.60	127.69 8.91 -0.17	115.73 7.52 0.00	109.07 6.25 0.00	106.60 5.87 0.00	90.22 5.03 0.00	100.63 6.59 0.00	151.71 9.39 -2.79	142.27 10.43 -1.99	143.53 10.46 -2.45	120.31 9.43 -2.97	124.49 10.17 -0.24	125.70 8.86 -11.79	160.71 7.63 -58.05	159.63 9.00 -44.25	117.81 8.51 0.00
WOODARD___115KV_TB2 355635	118.76 -2.77 0.00	108.93 -2.63 0.00	109.17 -2.50 0.00	74.89 -1.79 0.00	97.47 -2.20 0.00	79.31 -1.92 0.00	125.48 -2.83 0.00	144.90 -3.13 0.00	112.55 -2.41 0.00	116.08 -2.51 0.00	105.99 -2.22 0.00	100.69 -2.13 0.00	98.62 -2.10 0.00	83.43 -1.76 0.00	91.98 -2.06 0.00	136.74 -2.79 0.00	127.23 -2.62 0.00	128.11 -2.50 0.00	105.54 -2.38 0.00	111.38 -2.70 0.00	102.47 -2.58 0.00	92.60 -2.43 0.00	103.74 -2.64 0.00	106.71 -2.59 0.00
WOODMERE_69_KV_BK1 55827	128.88 7.34 0.00	117.82 6.26 0.00	118.10 6.43 0.00	81.35 4.67 0.00	105.77 6.11 0.00	87.08 5.85 0.00	137.75 9.44 0.00	158.85 10.81 0.00	123.74 8.78 0.00	127.48 8.88 0.00	116.24 8.03 -0.01	109.89 7.06 -0.01	107.46 6.73 -0.01	90.77 5.57 -0.01	100.58 6.53 -0.01	148.82 9.28 -0.01	139.94 10.08 -0.01	140.82 10.20 0.00	119.88 9.00 -2.97	123.89 9.56 -0.24	124.81 7.96 -11.79	125.33 6.65 -23.66	120.56 7.51 -6.67	116.48 7.18 0.00
YORK___WARBASSE 23770	126.02 4.48 0.00	115.09 3.53 0.00	115.28 3.61 0.00	79.56 2.89 0.00	103.23 3.56 0.00	84.83 3.61 0.00	134.79 6.49 0.00	156.17 8.14 0.00	121.29 6.33 0.00	125.27 6.68 0.00	113.95 5.73 0.00	107.81 4.99 0.00	105.30 4.57 0.00	88.69 3.50 0.00	97.95 3.90 0.00	145.08 5.55 0.00	136.22 6.37 0.00	137.50 6.88 0.00	113.91 6.00 0.00	120.43 6.35 0.00	110.01 4.96 0.00	98.95 3.92 0.00	110.62 4.24 0.00	113.16 3.86 0.00