

ARTHUR_KILL_COGEN 323718	31.59 2.08 0.00	32.57 2.11 0.00	28.26 1.86 0.00	24.06 1.55 0.00	25.16 1.56 0.00	23.31 1.46 0.00	21.86 1.37 0.00	25.64 1.61 0.00	26.30 1.81 0.00	26.10 1.87 0.00	26.24 2.05 0.00	36.77 2.78 0.00	37.79 2.87 0.00	39.39 2.95 0.00	36.21 3.03 -0.01	36.63 3.09 0.00	45.67 3.43 0.00	45.70 3.26 0.00	41.38 2.95 0.00	40.52 2.76 0.00	40.49 2.62 0.00	38.59 2.69 0.00	37.37 2.32 -1.79	36.04 2.52 0.00
ASHOKAN____ 23654	31.62 2.11 0.00	32.55 2.09 0.00	28.18 1.78 0.00	24.01 1.51 0.00	25.17 1.57 0.00	23.31 1.46 0.00	21.85 1.35 0.00	25.60 1.58 0.00	26.09 1.60 0.00	25.82 1.59 0.00	25.81 1.63 0.00	36.33 2.34 0.00	37.00 2.08 0.00	38.84 2.40 0.00	35.64 2.47 0.00	36.39 2.85 0.00	45.77 3.53 0.00	46.20 3.77 0.00	41.85 3.41 0.00	41.07 3.31 0.00	41.16 3.29 0.00	38.92 3.02 0.00	35.64 2.38 0.00	35.81 2.30 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.57 2.05 0.00	32.57 2.12 0.00	28.29 1.89 0.00	24.08 1.58 0.00	25.18 1.58 0.00	23.34 1.48 0.00	21.88 1.38 0.00	25.64 1.61 0.00	26.32 1.82 0.00	26.08 1.85 0.00	26.25 2.06 0.00	36.64 2.64 0.00	37.56 2.65 0.00	39.16 2.72 0.00	35.96 2.79 0.00	36.45 2.92 0.00	45.58 3.33 -0.01	45.67 3.23 -0.01	41.27 2.82 -0.01	40.37 2.60 -0.01	40.39 2.52 0.00	38.35 2.46 0.00	35.36 2.09 0.00	35.90 2.39 0.00
ASTORIA_EAST_ENERGY_CC2 323582	31.57 2.05 0.00	32.57 2.12 0.00	28.29 1.89 0.00	24.08 1.58 0.00	25.18 1.58 0.00	23.34 1.48 0.00	21.88 1.38 0.00	25.64 1.61 0.00	26.32 1.82 0.00	26.08 1.85 0.00	26.25 2.06 0.00	36.64 2.64 0.00	37.56 2.65 0.00	39.16 2.72 0.00	35.96 2.79 0.00	36.45 2.92 0.00	45.58 3.33 -0.01	45.67 3.23 -0.01	41.27 2.82 -0.01	40.37 2.60 -0.01	40.39 2.52 0.00	38.35 2.46 0.00	35.36 2.09 0.00	35.90 2.39 0.00
ASTORIA_GT2_1 24094	31.58 2.07 0.00	32.57 2.12 0.00	28.30 1.90 0.00	24.09 1.59 0.00	25.19 1.59 0.00	23.35 1.50 0.00	21.89 1.40 0.00	25.65 1.62 0.00	26.34 1.85 0.00	26.09 1.86 0.00	26.26 2.07 0.00	36.66 2.66 0.00	37.58 2.66 0.00	39.17 2.74 0.00	35.98 2.81 0.00	36.47 2.94 0.00	45.60 3.36 0.00	45.69 3.26 0.00	41.29 2.85 0.00	40.39 2.63 0.00	40.41 2.54 0.00	38.37 2.48 0.00	35.39 2.12 0.00	35.92 2.41 0.00
ASTORIA_GT2_2 24095	31.58 2.07 0.00	32.57 2.12 0.00	28.30 1.90 0.00	24.09 1.59 0.00	25.19 1.59 0.00	23.35 1.50 0.00	21.89 1.40 0.00	25.65 1.62 0.00	26.34 1.85 0.00	26.09 1.86 0.00	26.26 2.07 0.00	36.66 2.66 0.00	37.58 2.66 0.00	39.17 2.74 0.00	35.98 2.81 0.00	36.47 2.94 0.00	45.60 3.36 0.00	45.69 3.26 0.00	41.29 2.85 0.00	40.39 2.63 0.00	40.41 2.54 0.00	38.37 2.48 0.00	35.39 2.12 0.00	35.92 2.41 0.00
ASTORIA_GT2_3 24096	31.58 2.07 0.00	32.57 2.12 0.00	28.30 1.90 0.00	24.09 1.59 0.00	25.19 1.59 0.00	23.35 1.50 0.00	21.89 1.40 0.00	25.65 1.62 0.00	26.34 1.85 0.00	26.09 1.86 0.00	26.26 2.07 0.00	36.66 2.66 0.00	37.58 2.66 0.00	39.17 2.74 0.00	35.98 2.81 0.00	36.47 2.94 0.00	45.60 3.36 0.00	45.69 3.26 0.00	41.29 2.85 0.00	40.39 2.63 0.00	40.41 2.54 0.00	38.37 2.48 0.00	35.39 2.12 0.00	35.92 2.41 0.00
ASTORIA_GT2_4 24097	31.58 2.07 0.00	32.57 2.12 0.00	28.30 1.90 0.00	24.09 1.59 0.00	25.19 1.59 0.00	23.35 1.50 0.00	21.89 1.40 0.00	25.65 1.62 0.00	26.34 1.85 0.00	26.09 1.86 0.00	26.26 2.07 0.00	36.66 2.66 0.00	37.58 2.66 0.00	39.17 2.74 0.00	35.98 2.81 0.00	36.47 2.94 0.00	45.60 3.36 0.00	45.69 3.26 0.00	41.29 2.85 0.00	40.39 2.63 0.00	40.41 2.54 0.00	38.37 2.48 0.00	35.39 2.12 0.00	35.92 2.41 0.00
ASTORIA_GT3_1 24098	31.58 2.07 0.00	32.57 2.12 0.00	28.30 1.90 0.00	24.09 1.59 0.00	25.19 1.59 0.00	23.35 1.50 0.00	21.89 1.40 0.00	25.65 1.62 0.00	26.34 1.85 0.00	26.09 1.86 0.00	26.26 2.07 0.00	36.66 2.66 0.00	37.58 2.66 0.00	39.17 2.74 0.00	35.98 2.81 0.00	36.47 2.94 0.00	45.60 3.36 0.00	45.69 3.26 0.00	41.29 2.85 0.00	40.39 2.63 0.00	40.41 2.54 0.00	38.37 2.48 0.00	35.39 2.12 0.00	35.92 2.41 0.00
ASTORIA_GT3_2 24099	31.58 2.07 0.00	32.57 2.12 0.00	28.30 1.90 0.00	24.09 1.59 0.00	25.19 1.59 0.00	23.35 1.50 0.00	21.89 1.40 0.00	25.65 1.62 0.00	26.34 1.85 0.00	26.09 1.86 0.00	26.26 2.07 0.00	36.66 2.66 0.00	37.58 2.66 0.00	39.17 2.74 0.00	35.98 2.81 0.00	36.47 2.94 0.00	45.60 3.36 0.00	45.69 3.26 0.00	41.29 2.85 0.00	40.39 2.63 0.00	40.41 2.54 0.00	38.37 2.48 0.00	35.39 2.12 0.00	35.92 2.41 0.00
ASTORIA_GT3_3 24100	31.58 2.07 0.00	32.57 2.12 0.00	28.30 1.90 0.00	24.09 1.59 0.00	25.19 1.59 0.00	23.35 1.50 0.00	21.89 1.40 0.00	25.65 1.62 0.00	26.34 1.85 0.00	26.09 1.86 0.00	26.26 2.07 0.00	36.66 2.66 0.00	37.58 2.66 0.00	39.17 2.74 0.00	35.98 2.81 0.00	36.47 2.94 0.00	45.60 3.36 0.00	45.69 3.26 0.00	41.29 2.85 0.00	40.39 2.63 0.00	40.41 2.54 0.00	38.37 2.48 0.00	35.39 2.12 0.00	35.92 2.41 0.00
ASTORIA_GT3_4 24101	31.58 2.07 0.00	32.57 2.12 0.00	28.30 1.90 0.00	24.09 1.59 0.00	25.19 1.59 0.00	23.35 1.50 0.00	21.89 1.40 0.00	25.65 1.62 0.00	26.34 1.85 0.00	26.09 1.86 0.00	26.26 2.07 0.00	36.66 2.66 0.00	37.58 2.66 0.00	39.17 2.74 0.00	35.98 2.81 0.00	36.47 2.94 0.00	45.60 3.36 0.00	45.69 3.26 0.00	41.29 2.85 0.00	40.39 2.63 0.00	40.41 2.54 0.00	38.37 2.48 0.00	35.39 2.12 0.00	35.92 2.41 0.00
ASTORIA_GT4_1 24102	31.58 2.07 0.00	32.57 2.12 0.00	28.30 1.90 0.00	24.09 1.59 0.00	25.19 1.59 0.00	23.35 1.50 0.00	21.89 1.40 0.00	25.65 1.62 0.00	26.34 1.85 0.00	26.09 1.86 0.00	26.26 2.07 0.00	36.66 2.66 0.00	37.58 2.66 0.00	39.17 2.74 0.00	35.98 2.81 0.00	36.47 2.94 0.00	45.60 3.36 0.00	45.69 3.26 0.00	41.29 2.85 0.00	40.39 2.63 0.00	40.41 2.54 0.00	38.37 2.48 0.00	35.39 2.12 0.00	35.92 2.41 0.00
ASTORIA_GT4_2 24103	31.58 2.07 0.00	32.57 2.12 0.00	28.30 1.90 0.00	24.09 1.59 0.00	25.19 1.59 0.00	23.35 1.50 0.00	21.89 1.40 0.00	25.65 1.62 0.00	26.34 1.85 0.00	26.09 1.86 0.00	26.26 2.07 0.00	36.66 2.66 0.00	37.58 2.66 0.00	39.17 2.74 0.00	35.98 2.81 0.00	36.47 2.94 0.00	45.60 3.36 0.00	45.69 3.26 0.00	41.29 2.85 0.00	40.39 2.63 0.00	40.41 2.54 0.00	38.37 2.48 0.00	35.39 2.12 0.00	35.92 2.41 0.00
ASTORIA_GT4_3 24104	31.58 2.07 0.00	32.57 2.12 0.00	28.30 1.90 0.00	24.09 1.59 0.00	25.19 1.59 0.00	23.35 1.50 0.00	21.89 1.40 0.00	25.65 1.62 0.00	26.34 1.85 0.00	26.09 1.86 0.00	26.26 2.07 0.00	36.66 2.66 0.00	37.58 2.66 0.00	39.17 2.74 0.00	35.98 2.81 0.00	36.47 2.94 0.00	45.60 3.36 0.00	45.69 3.26 0.00	41.29 2.85 0.00	40.39 2.63 0.00	40.41 2.54 0.00	38.37 2.48 0.00	35.39 2.12 0.00	35.92 2.41 0.00

BARRETT_IC_5 23708	31.43 1.92 0.00	32.68 2.23 0.00	29.55 2.00 -1.15	27.02 1.77 -2.75	26.49 1.79 -1.10	23.93 1.69 -0.39	22.03 1.53 0.00	25.66 1.64 0.00	26.23 1.74 0.00	25.83 1.60 0.00	26.01 1.82 0.00	36.28 2.28 0.00	37.45 2.53 0.00	39.08 2.65 0.00	35.79 2.62 0.00	36.35 2.82 0.00	45.43 3.19 0.00	45.42 2.99 0.01	40.91 2.48 0.01	39.05 2.09 0.80	38.94 1.97 0.89	37.88 1.99 0.01	34.97 1.71 0.01	35.59 2.08 0.00
BARRETT_IC_6 23709	31.43 1.92 0.00	32.68 2.23 0.00	29.55 2.00 -1.15	27.02 1.77 -2.75	26.49 1.79 -1.10	23.93 1.69 -0.39	22.03 1.53 0.00	25.66 1.64 0.00	26.23 1.74 0.00	25.83 1.60 0.00	26.01 1.82 0.00	36.28 2.28 0.00	37.45 2.53 0.00	39.08 2.65 0.00	35.79 2.62 0.00	36.35 2.82 0.00	45.43 3.19 0.00	45.42 2.99 0.01	40.91 2.48 0.01	39.05 2.09 0.80	38.94 1.97 0.89	37.88 1.99 0.01	34.97 1.71 0.01	35.59 2.08 0.00
BARRETT_IC_7 23710	31.43 1.91 0.00	32.68 2.23 0.00	29.55 2.00 -1.15	27.01 1.77 -2.74	26.48 1.79 -1.10	23.93 1.69 -0.39	22.03 1.53 0.00	25.66 1.64 0.00	26.25 1.76 0.00	25.83 1.60 0.00	26.01 1.83 0.00	36.28 2.28 0.00	37.45 2.53 0.00	39.08 2.65 0.00	35.79 2.62 0.00	36.35 2.81 0.00	45.43 3.19 0.00	45.43 2.99 0.00	40.92 2.48 0.00	39.06 2.10 0.80	38.95 1.97 0.89	37.89 1.99 0.00	34.98 1.71 0.00	35.59 2.08 0.00
BARRETT_IC_8 23711	31.43 1.92 0.00	32.68 2.23 0.00	29.55 2.00 -1.15	27.02 1.77 -2.75	26.49 1.79 -1.10	23.93 1.69 -0.39	22.03 1.53 0.00	25.66 1.64 0.00	26.23 1.74 0.00	25.83 1.60 0.00	26.01 1.82 0.00	36.28 2.28 0.00	37.45 2.53 0.00	39.08 2.65 0.00	35.79 2.62 0.00	36.35 2.82 0.00	45.43 3.19 0.00	45.42 2.99 0.01	40.91 2.48 0.01	39.05 2.09 0.80	38.94 1.97 0.89	37.88 1.99 0.01	34.97 1.71 0.01	35.59 2.08 0.00
BARRETT_IC_9 23700	31.43 1.92 0.00	32.68 2.23 0.00	29.55 2.00 -1.15	27.02 1.77 -2.75	26.49 1.79 -1.10	23.93 1.69 -0.39	22.03 1.53 0.00	25.66 1.64 0.00	26.23 1.74 0.00	25.83 1.60 0.00	26.01 1.82 0.00	36.28 2.28 0.00	37.45 2.53 0.00	39.08 2.65 0.00	35.79 2.62 0.00	36.35 2.82 0.00	45.43 3.19 0.00	45.42 2.99 0.01	40.91 2.48 0.01	39.05 2.09 0.80	38.94 1.97 0.89	37.88 1.99 0.01	34.97 1.71 0.01	35.59 2.08 0.00
BARRETT___1 23545	31.43 1.92 0.00	32.68 2.23 0.00	29.55 2.00 -1.15	27.02 1.77 -2.75	26.49 1.79 -1.10	23.93 1.69 -0.39	22.03 1.53 0.00	25.66 1.64 0.00	26.23 1.74 0.00	25.83 1.60 0.00	26.01 1.82 0.00	36.28 2.28 0.00	37.45 2.53 0.00	39.08 2.65 0.00	35.79 2.62 0.00	36.35 2.82 0.00	45.43 3.19 0.00	45.42 2.99 0.01	40.91 2.48 0.01	39.05 2.09 0.80	38.94 1.97 0.89	37.88 1.99 0.01	34.97 1.71 0.01	35.59 2.08 0.00
BARRETT___2 23546	31.43 1.92 0.00	32.68 2.23 0.00	29.55 2.00 -1.15	27.02 1.77 -2.75	26.49 1.79 -1.10	23.93 1.69 -0.39	22.03 1.53 0.00	25.66 1.64 0.00	26.23 1.74 0.00	25.83 1.60 0.00	26.01 1.82 0.00	36.28 2.28 0.00	37.45 2.53 0.00	39.08 2.65 0.00	35.79 2.62 0.00	36.35 2.82 0.00	45.43 3.19 0.00	45.42 2.99 0.01	40.91 2.48 0.01	39.05 2.09 0.80	38.94 1.97 0.89	37.88 1.99 0.01	34.97 1.71 0.01	35.59 2.08 0.00
BATAVIA___115KV_TB1 55881	30.61 1.10 0.00	31.22 0.77 0.00	26.87 0.46 0.00	22.82 0.32 0.00	23.92 0.32 0.00	22.06 0.21 0.00	20.59 0.10 0.00	24.43 0.40 0.00	24.99 0.50 0.00	24.77 0.54 0.00	24.53 0.34 0.00	35.11 1.11 0.00	36.69 1.77 0.00	38.22 1.78 0.00	34.70 1.53 0.00	35.23 1.70 0.00	44.14 1.90 0.00	44.84 2.40 0.00	40.52 2.08 0.00	39.96 2.20 0.00	40.23 2.36 0.00	38.01 2.11 0.00	34.90 1.63 0.00	34.80 1.29 0.00
BAYONEEC___CTG1 323682	31.55 2.04 0.00	32.56 2.10 0.00	28.25 1.85 0.00	24.05 1.55 0.00	25.16 1.56 0.00	23.30 1.45 0.00	21.85 1.35 0.00	25.62 1.60 0.00	26.29 1.80 0.00	26.07 1.84 0.00	26.21 2.02 0.00	36.72 2.72 0.00	37.70 2.78 0.00	39.33 2.89 0.00	36.09 2.91 0.00	36.58 3.04 0.00	45.74 3.50 0.00	45.80 3.36 0.00	41.38 2.95 0.00	40.42 2.65 0.00	40.37 2.51 0.00	38.39 2.49 0.00	35.45 2.19 0.00	35.91 2.39 0.00
BAYONEEC___CTG10 323750	31.55 2.04 0.00	32.56 2.10 0.00	28.25 1.85 0.00	24.05 1.55 0.00	25.16 1.56 0.00	23.30 1.45 0.00	21.85 1.35 0.00	25.62 1.60 0.00	26.29 1.80 0.00	26.07 1.84 0.00	26.21 2.02 0.00	36.72 2.72 0.00	37.70 2.78 0.00	39.33 2.89 0.00	36.09 2.91 0.00	36.58 3.04 0.00	45.74 3.50 0.00	45.80 3.36 0.00	41.38 2.95 0.00	40.42 2.65 0.00	40.37 2.51 0.00	38.39 2.49 0.00	35.45 2.19 0.00	35.91 2.39 0.00
BAYONEEC___CTG2 323683	31.55 2.04 0.00	32.56 2.10 0.00	28.25 1.85 0.00	24.05 1.55 0.00	25.16 1.56 0.00	23.30 1.45 0.00	21.85 1.35 0.00	25.62 1.60 0.00	26.29 1.80 0.00	26.07 1.84 0.00	26.21 2.02 0.00	36.72 2.72 0.00	37.70 2.78 0.00	39.33 2.89 0.00	36.09 2.91 0.00	36.58 3.04 0.00	45.74 3.50 0.00	45.80 3.36 0.00	41.38 2.95 0.00	40.42 2.65 0.00	40.37 2.51 0.00	38.39 2.49 0.00	35.45 2.19 0.00	35.91 2.39 0.00
BAYONEEC___CTG3 323684	31.55 2.04 0.00	32.56 2.10 0.00	28.25 1.85 0.00	24.05 1.55 0.00	25.16 1.56 0.00	23.30 1.45 0.00	21.85 1.35 0.00	25.62 1.60 0.00	26.29 1.80 0.00	26.07 1.84 0.00	26.21 2.02 0.00	36.72 2.72 0.00	37.70 2.78 0.00	39.33 2.89 0.00	36.09 2.91 0.00	36.58 3.04 0.00	45.74 3.50 0.00	45.80 3.36 0.00	41.38 2.95 0.00	40.42 2.65 0.00	40.37 2.51 0.00	38.39 2.49 0.00	35.45 2.19 0.00	35.91 2.39 0.00
BAYONEEC___CTG4 323685	31.55 2.04 0.00	32.56 2.10 0.00	28.25 1.85 0.00	24.05 1.55 0.00	25.16 1.56 0.00	23.30 1.45 0.00	21.85 1.35 0.00	25.62 1.60 0.00	26.29 1.80 0.00	26.07 1.84 0.00	26.21 2.02 0.00	36.72 2.72 0.00	37.70 2.78 0.00	39.33 2.89 0.00	36.09 2.91 0.00	36.58 3.04 0.00	45.74 3.50 0.00	45.80 3.36 0.00	41.38 2.95 0.00	40.42 2.65 0.00	40.37 2.51 0.00	38.39 2.49 0.00	35.45 2.19 0.00	35.91 2.39 0.00
BAYONEEC___CTG5 323686	31.55 2.04 0.00	32.56 2.10 0.00	28.25 1.85 0.00	24.05 1.55 0.00	25.16 1.56 0.00	23.30 1.45 0.00	21.85 1.35 0.00	25.62 1.60 0.00	26.29 1.80 0.00	26.07 1.84 0.00	26.21 2.02 0.00	36.72 2.72 0.00	37.70 2.78 0.00	39.33 2.89 0.00	36.09 2.91 0.00	36.58 3.04 0.00	45.74 3.50 0.00	45.80 3.36 0.00	41.38 2.95 0.00	40.42 2.65 0.00	40.37 2.51 0.00	38.39 2.49 0.00	35.45 2.19 0.00	35.91 2.39 0.00
BAYONEEC___CTG6 323687	31.55 2.04 0.00	32.56 2.10 0.00	28.25 1.85 0.00	24.05 1.55 0.00	25.16 1.56 0.00	23.30 1.45 0.00	21.85 1.35 0.00	25.62 1.60 0.00	26.29 1.80 0.00	26.07 1.84 0.00	26.21 2.02 0.00	36.72 2.72 0.00	37.70 2.78 0.00	39.33 2.89 0.00	36.09 2.91 0.00	36.58 3.04 0.00	45.74 3.50 0.00	45.80 3.36 0.00	41.38 2.95 0.00	40.42 2.65 0.00	40.37 2.51 0.00	38.39 2.49 0.00	35.45 2.19 0.00	35.91 2.39 0.00

BAYONEEC___CTG7 323688	31.55 2.04 0.00	32.56 2.10 0.00	28.25 1.85 0.00	24.05 1.55 0.00	25.16 1.56 0.00	23.30 1.45 0.00	21.85 1.35 0.00	25.62 1.60 0.00	26.29 1.80 0.00	26.07 1.84 0.00	26.21 2.02 0.00	36.72 2.72 0.00	37.70 2.78 0.00	39.33 2.89 0.00	36.09 2.91 0.00	36.58 3.04 0.00	45.74 3.50 0.00	45.80 3.36 0.00	41.38 2.95 0.00	40.42 2.65 0.00	40.37 2.51 0.00	38.39 2.49 0.00	35.45 2.19 0.00	35.91 2.39 0.00
BAYONEEC___CTG8 323689	31.55 2.04 0.00	32.56 2.10 0.00	28.25 1.85 0.00	24.05 1.55 0.00	25.16 1.56 0.00	23.30 1.45 0.00	21.85 1.35 0.00	25.62 1.60 0.00	26.29 1.80 0.00	26.07 1.84 0.00	26.21 2.02 0.00	36.72 2.72 0.00	37.70 2.78 0.00	39.33 2.89 0.00	36.09 2.91 0.00	36.58 3.04 0.00	45.74 3.50 0.00	45.80 3.36 0.00	41.38 2.95 0.00	40.42 2.65 0.00	40.37 2.51 0.00	38.39 2.49 0.00	35.45 2.19 0.00	35.91 2.39 0.00
BAYONEEC___CTG9 323749	31.55 2.04 0.00	32.56 2.10 0.00	28.25 1.85 0.00	24.05 1.55 0.00	25.16 1.56 0.00	23.30 1.45 0.00	21.85 1.35 0.00	25.62 1.60 0.00	26.29 1.80 0.00	26.07 1.84 0.00	26.21 2.02 0.00	36.72 2.72 0.00	37.70 2.78 0.00	39.33 2.89 0.00	36.09 2.91 0.00	36.58 3.04 0.00	45.74 3.50 0.00	45.80 3.36 0.00	41.38 2.95 0.00	40.42 2.65 0.00	40.37 2.51 0.00	38.39 2.49 0.00	35.45 2.19 0.00	35.91 2.39 0.00
BEACON___LESR 323632	30.54 1.03 0.00	31.46 1.00 0.00	27.28 0.88 0.00	23.30 0.79 0.00	24.46 0.86 0.00	22.64 0.78 0.00	21.21 0.71 0.00	24.81 0.79 0.00	25.34 0.85 0.00	25.07 0.84 0.00	25.02 0.83 0.00	35.12 1.12 0.00	35.79 0.87 0.00	37.60 1.16 0.00	34.27 1.10 0.00	34.73 1.19 0.00	43.97 1.73 0.00	44.14 1.70 0.00	39.90 1.46 0.00	39.14 1.38 0.00	39.24 1.38 0.00	37.13 1.23 0.00	34.13 0.87 0.00	34.44 0.93 0.00
BEAVER RIVER___HYD 24048	29.86 -0.23 -0.58	30.69 -0.37 -0.61	25.90 -0.51 0.00	21.89 -0.61 0.00	23.06 -0.54 0.00	21.36 -0.49 0.00	19.96 -0.53 0.00	23.52 -0.50 0.00	-13.78 -0.57 37.71	10.25 -0.52 13.46	23.44 -0.56 0.19	34.13 -0.83 -0.97	-34.53 -0.98 68.46	-1.39 -1.05 36.78	-8.52 -1.14 40.54	33.30 -0.92 -0.92	42.42 -1.28 -1.46	39.31 -0.84 2.29	39.09 -0.47 -1.12	39.05 -0.04 -1.33	39.24 0.04 -1.34	36.97 -0.09 -1.16	33.89 -0.27 -0.90	33.93 -0.51 -0.92
BEEBEE_GT_13 23619	29.94 0.43 0.00	30.65 0.20 0.00	26.43 0.03 0.00	22.48 -0.02 0.00	23.57 -0.02 0.00	21.77 -0.09 0.00	20.36 -0.14 0.00	24.06 0.04 0.00	24.64 0.15 0.00	24.47 0.24 0.00	24.34 0.15 0.00	34.69 0.69 0.00	36.07 1.15 0.00	37.63 1.20 0.00	34.20 1.03 0.00	34.73 1.19 0.00	43.62 1.38 0.00	44.14 1.70 0.00	39.83 1.39 0.00	39.13 1.37 0.00	39.24 1.38 0.00	37.09 1.19 0.00	34.14 0.87 0.00	34.13 0.62 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.97 2.46 0.00	32.95 2.50 0.00	28.59 2.19 0.00	24.32 1.82 0.00	25.44 1.85 0.00	23.57 1.71 0.00	22.10 1.60 0.00	25.92 1.90 0.00	26.61 2.13 0.00	26.40 2.18 0.00	26.55 2.36 0.00	37.21 3.21 0.00	38.18 3.27 0.00	39.81 3.37 0.00	36.54 3.36 -0.01	37.01 3.47 0.00	46.25 4.01 0.00	46.32 3.88 0.00	41.88 3.44 0.00	40.92 3.16 0.00	40.91 3.04 0.00	38.93 3.03 0.00	37.77 2.72 -1.79	36.47 2.96 0.00
BETHLEHEM___GRP 23843	29.99 0.47 0.00	30.95 0.50 0.00	26.87 0.47 0.00	22.96 0.46 0.00	24.08 0.49 0.00	22.32 0.47 0.00	20.91 0.42 0.00	24.50 0.47 0.00	24.93 0.44 0.00	24.65 0.42 0.00	24.60 0.41 0.00	34.35 0.36 0.00	35.14 0.22 0.00	36.86 0.42 0.00	33.63 0.46 0.00	33.99 0.45 0.00	42.89 0.64 0.00	43.13 0.69 0.00	39.00 0.56 0.00	38.34 0.57 0.00	38.46 0.59 0.00	36.44 0.55 0.00	33.51 0.24 0.00	33.83 0.32 0.00
BETHLEHEM___GS1 323560	29.99 0.47 0.00	30.95 0.50 0.00	26.87 0.47 0.00	22.96 0.46 0.00	24.08 0.49 0.00	22.32 0.47 0.00	20.91 0.42 0.00	24.50 0.47 0.00	24.93 0.44 0.00	24.65 0.42 0.00	24.60 0.41 0.00	34.36 0.36 0.00	35.14 0.23 0.00	36.86 0.42 0.00	33.63 0.46 0.00	33.99 0.45 0.00	42.89 0.64 0.00	43.13 0.69 0.00	39.00 0.56 0.00	38.34 0.57 0.00	38.46 0.59 0.00	36.44 0.54 0.00	33.51 0.24 0.00	33.83 0.32 0.00
BETHLEHEM___GS2 323561	29.99 0.47 0.00	30.95 0.50 0.00	26.87 0.47 0.00	22.96 0.46 0.00	24.08 0.49 0.00	22.32 0.47 0.00	20.91 0.42 0.00	24.50 0.47 0.00	24.93 0.44 0.00	24.65 0.42 0.00	24.60 0.41 0.00	34.36 0.36 0.00	35.14 0.23 0.00	36.86 0.42 0.00	33.63 0.46 0.00	33.99 0.45 0.00	42.89 0.64 0.00	43.13 0.69 0.00	39.00 0.56 0.00	38.34 0.57 0.00	38.46 0.59 0.00	36.44 0.54 0.00	33.51 0.24 0.00	33.83 0.32 0.00
BETHLEHEM___GS3 323562	29.99 0.47 0.00	30.95 0.50 0.00	26.87 0.47 0.00	22.96 0.46 0.00	24.08 0.49 0.00	22.32 0.47 0.00	20.91 0.42 0.00	24.50 0.47 0.00	24.93 0.44 0.00	24.65 0.42 0.00	24.60 0.41 0.00	34.36 0.36 0.00	35.14 0.23 0.00	36.86 0.42 0.00	33.63 0.46 0.00	33.99 0.45 0.00	42.89 0.64 0.00	43.13 0.69 0.00	39.00 0.56 0.00	38.34 0.57 0.00	38.46 0.59 0.00	36.44 0.54 0.00	33.51 0.24 0.00	33.83 0.32 0.00
BETHLEHEM___STEEL 23779	29.97 0.45 0.00	30.61 0.16 0.00	26.31 -0.09 0.00	22.35 -0.15 0.00	23.45 -0.14 0.00	21.63 -0.22 0.00	20.21 -0.29 0.00	24.02 -0.01 0.00	24.65 0.16 0.00	24.49 0.26 0.00	24.28 0.09 0.00	34.84 0.84 0.00	36.37 1.46 0.00	37.85 1.41 0.00	34.36 1.19 0.00	34.93 1.39 0.00	43.69 1.45 0.00	44.22 1.79 0.00	39.77 1.33 0.00	39.05 1.28 0.00	39.27 1.40 0.00	37.21 1.31 0.00	34.26 1.00 0.00	34.23 0.72 0.00
BETHLHEM_115KV_TB1 79974	30.05 0.54 0.00	31.02 0.56 0.00	26.93 0.54 0.00	23.00 0.50 0.00	24.13 0.53 0.00	22.36 0.50 0.00	20.95 0.45 0.00	24.54 0.52 0.00	24.98 0.50 0.00	24.71 0.47 0.00	24.65 0.46 0.00	34.45 0.46 0.00	35.25 0.33 0.00	36.96 0.53 0.00	33.71 0.54 0.00	34.08 0.55 0.00	43.00 0.76 0.00	43.23 0.80 0.00	39.09 0.65 0.00	38.42 0.66 0.00	38.54 0.68 0.00	36.54 0.64 0.00	33.60 0.33 0.00	33.92 0.41 0.00
BETHPAGE_CC_5 323564	31.43 1.91 0.00	32.77 2.32 0.00	29.62 2.07 -1.15	27.06 1.82 -2.75	26.55 1.86 -1.10	23.95 1.71 -0.39	22.02 1.52 0.00	25.68 1.65 0.00	26.34 1.85 0.00	25.91 1.68 0.00	26.02 1.83 0.00	36.33 2.33 0.00	37.61 2.69 0.00	39.21 2.78 0.00	35.83 2.66 0.00	36.44 2.91 0.00	45.64 3.40 0.00	45.72 3.29 0.00	41.13 2.68 0.00	39.38 2.27 0.65	39.30 2.16 0.72	38.07 2.17 0.00	35.21 1.95 0.00	35.84 2.33 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.04 0.53 0.00	30.69 0.24 0.00	26.36 -0.04 0.00	22.39 -0.11 0.00	23.49 -0.11 0.00	21.66 -0.19 0.00	20.24 -0.26 0.00	24.06 0.04 0.00	24.71 0.22 0.00	24.56 0.33 0.00	24.36 0.16 0.00	34.96 0.97 0.00	36.50 1.58 0.00	37.99 1.55 0.00	34.50 1.33 0.00	35.07 1.53 0.00	43.88 1.64 0.00	44.41 1.97 0.00	39.93 1.49 0.00	39.19 1.43 0.00	39.41 1.54 0.00	37.32 1.42 0.00	34.35 1.08 0.00	34.30 0.79 0.00

BINGHAMTON___COGEN 23790	30.36 0.43 -0.42	31.29 0.40 -0.44	26.59 0.19 0.00	22.62 0.12 0.00	23.75 0.15 0.00	21.98 0.12 0.00	20.63 0.13 0.00	24.25 0.23 0.00	24.81 0.31 -0.01	24.66 0.40 -0.02	24.65 0.39 -0.07	35.54 0.84 -0.71	36.69 0.99 -0.78	38.37 1.05 -0.88	34.86 1.03 -0.66	35.34 1.12 -0.69	44.90 1.33 -1.33	45.04 1.28 -1.32	40.62 1.10 -1.08	39.80 1.01 -1.02	39.91 1.02 -1.03	37.80 1.01 -0.89	34.69 0.73 -0.70	34.86 0.64 -0.71
BIXINCNT_115KV_LOAD 355685	30.20 0.68 0.00	30.89 0.43 0.00	26.51 0.11 0.00	22.52 0.02 0.00	23.59 -0.01 0.00	21.76 -0.10 0.00	20.33 -0.17 0.00	24.19 0.17 0.00	24.89 0.40 0.00	24.79 0.56 0.00	24.58 0.39 0.00	35.28 1.28 0.00	36.70 1.78 0.00	38.19 1.75 0.00	34.67 1.51 0.00	35.20 1.67 0.00	44.01 1.77 0.00	44.44 2.00 0.00	39.96 1.52 0.00	39.19 1.42 0.00	39.42 1.55 0.00	37.38 1.48 0.00	34.42 1.16 0.00	34.41 0.90 0.00
BLACK RIVER___HYD 24047	30.44 -0.06 -0.99	31.23 -0.25 -1.03	25.93 -0.48 -0.01	21.91 -0.59 0.00	23.09 -0.51 0.00	21.37 -0.48 0.00	19.97 -0.53 0.00	23.53 -0.49 0.00	-2.34 -0.50 26.33	14.40 -0.46 9.38	23.60 -0.55 0.04	34.86 -0.80 -1.66	-12.77 -0.94 46.76	10.98 -0.99 24.47	4.67 -1.09 27.41	33.99 -1.14 -1.59	43.78 -1.22 -2.76	41.88 -0.68 -0.12	40.33 -0.29 -2.18	40.30 0.29 -2.25	40.52 0.39 -2.27	38.11 0.24 -1.97	34.77 -0.02 -1.53	34.77 -0.31 -1.56
BLACKRVR_115KV_TB2 79977	30.44 -0.06 -0.99	31.23 -0.25 -1.03	25.93 -0.48 -0.01	21.91 -0.59 0.00	23.09 -0.51 0.00	21.37 -0.48 0.00	19.97 -0.53 0.00	23.53 -0.49 0.00	-2.34 -0.50 26.33	14.40 -0.45 9.38	23.60 -0.55 0.04	34.86 -0.80 -1.66	-12.78 -0.94 46.76	10.98 -0.99 24.47	4.67 -1.09 27.41	33.99 -1.14 -1.59	43.78 -1.21 -2.76	41.88 -0.68 -0.12	40.33 -0.29 -2.18	40.30 0.29 -2.25	40.52 0.39 -2.27	38.11 0.24 -1.97	34.77 -0.02 -1.53	34.77 -0.31 -1.56
BLISS_WT_PWR 323608	30.19 0.68 0.00	30.89 0.43 0.00	26.52 0.12 0.00	22.52 0.02 0.00	23.58 -0.02 0.00	21.75 -0.11 0.00	20.32 -0.17 0.00	24.21 0.19 0.00	24.95 0.46 0.00	24.80 0.56 0.00	24.59 0.40 0.00	35.29 1.29 0.00	36.71 1.79 0.00	38.19 1.76 0.00	34.69 1.52 0.00	35.20 1.66 0.00	44.01 1.77 0.00	44.43 2.00 0.00	39.96 1.52 0.00	39.20 1.44 0.00	39.43 1.57 0.00	37.39 1.49 0.00	34.43 1.16 0.00	34.44 0.93 0.00
BLUESTONE___WT_PWR 323821	31.06 1.19 -0.36	32.34 1.51 -0.38	27.69 1.29 0.00	23.58 1.08 0.00	24.85 1.25 0.00	23.01 1.15 0.00	21.60 1.10 0.00	25.77 1.75 0.00	26.43 1.93 -0.01	26.17 1.93 -0.01	26.16 1.92 -0.05	37.58 3.08 -0.50	38.23 2.66 -0.65	39.82 2.63 -0.76	36.14 2.40 -0.57	36.59 2.46 -0.59	46.36 2.97 -1.14	46.51 2.94 -1.14	42.31 2.95 -0.93	41.71 3.07 -0.88	41.98 3.22 -0.88	39.73 3.06 -0.77	36.41 2.55 -0.60	36.50 2.37 -0.61
BLUE_CIRC_CHEM_DRP 24182	30.35 0.84 0.00	31.33 0.88 0.00	27.21 0.81 0.00	23.23 0.73 0.00	24.38 0.78 0.00	22.59 0.73 0.00	21.15 0.65 0.00	24.70 0.68 0.00	25.08 0.59 0.00	24.76 0.52 0.00	24.66 0.47 0.00	34.48 0.48 0.00	35.32 0.40 0.00	37.10 0.66 0.00	33.71 0.54 0.00	34.14 0.61 0.00	43.08 0.84 0.00	43.36 0.93 0.00	39.28 0.84 0.00	38.69 0.93 0.00	38.88 1.01 0.00	36.84 0.95 0.00	33.90 0.63 0.00	34.20 0.69 0.00
BOC_GAS_DRP 24189	30.17 0.66 0.00	31.15 0.70 0.00	27.03 0.63 0.00	23.07 0.57 0.00	24.21 0.61 0.00	22.42 0.57 0.00	21.02 0.52 0.00	24.60 0.57 0.00	25.08 0.59 0.00	24.79 0.57 0.00	24.76 0.57 0.00	34.64 0.64 0.00	35.47 0.55 0.00	37.14 0.70 0.00	33.88 0.71 0.00	34.27 0.73 0.00	43.18 0.94 0.00	43.39 0.95 0.00	39.24 0.80 0.00	38.56 0.80 0.00	38.68 0.81 0.00	36.67 0.77 0.00	33.77 0.51 0.00	34.10 0.58 0.00
BOONVILLE_115KV_TB1 79983	30.40 0.62 -0.27	31.26 0.52 -0.28	26.74 0.34 0.00	22.71 0.21 0.00	23.86 0.26 0.00	22.11 0.25 0.00	20.70 0.20 0.00	24.32 0.29 0.00	10.48 0.31 14.32	19.47 0.35 5.11	24.48 0.35 0.06	34.99 0.55 -0.44	9.51 0.50 25.91	23.12 0.54 13.86	18.26 0.41 15.32	34.42 0.45 -0.43	43.67 0.71 -0.72	42.69 0.92 0.67	39.98 0.97 -0.56	39.55 1.16 -0.63	39.69 1.18 -0.64	37.48 1.03 -0.55	34.44 0.74 -0.43	34.53 0.58 -0.44
BORALEX_4TH_BRANCH 23824	31.20 1.69 0.00	32.31 1.86 0.00	28.08 1.69 0.00	24.03 1.53 0.00	25.22 1.62 0.00	23.36 1.51 0.00	21.89 1.39 0.00	25.59 1.57 0.00	25.98 1.49 0.00	25.60 1.37 0.00	25.47 1.29 0.00	35.51 1.51 0.00	36.16 1.25 0.00	37.96 1.53 0.00	34.64 1.47 0.00	34.87 1.34 0.00	44.16 1.92 0.00	44.47 2.03 0.00	40.19 1.75 0.00	39.62 1.85 0.00	39.94 2.07 0.00	37.90 2.00 0.00	34.71 1.45 0.00	35.19 1.68 0.00
BOWLINE___1 23526	31.16 1.64 0.00	32.16 1.70 0.00	27.89 1.49 0.00	23.73 1.23 0.00	24.83 1.24 0.00	23.01 1.15 0.00	21.58 1.08 0.00	25.31 1.28 0.00	25.98 1.49 0.00	25.75 1.52 0.00	25.85 1.66 0.00	36.23 2.24 0.00	37.24 2.32 0.00	38.96 2.52 0.00	35.69 2.52 0.00	36.17 2.64 0.00	45.41 3.17 0.00	45.56 3.12 0.00	41.13 2.69 0.00	40.17 2.41 0.00	40.19 2.33 0.00	38.18 2.28 0.00	35.16 1.89 0.00	35.52 2.01 0.00
BOWLINE___2 23595	31.16 1.64 0.00	32.16 1.70 0.00	27.89 1.49 0.00	23.73 1.23 0.00	24.83 1.24 0.00	23.01 1.15 0.00	21.58 1.08 0.00	25.31 1.29 0.00	25.98 1.49 0.00	25.75 1.52 0.00	25.85 1.66 0.00	36.23 2.24 0.00	37.24 2.32 0.00	38.96 2.52 0.00	35.69 2.52 0.00	36.17 2.64 0.00	45.41 3.17 0.00	45.56 3.12 0.00	41.13 2.69 0.00	40.17 2.41 0.00	40.19 2.33 0.00	38.18 2.28 0.00	35.16 1.89 0.00	35.52 2.01 0.00
BRADY___115KV_TB2 356060	28.83 -0.68 0.00	29.81 -0.64 0.00	26.12 -0.28 0.00	22.23 -0.28 0.00	23.31 -0.29 0.00	21.59 -0.27 0.00	20.23 -0.27 0.00	23.74 -0.29 0.00	-106.12 -0.72 129.88	-22.99 -0.75 46.47	22.36 -0.85 0.98	32.69 -1.31 0.00	-205.88 -1.34 239.46	-95.97 -1.55 130.86	-111.25 -1.65 142.77	31.76 -1.69 0.08	39.10 -2.14 1.00	26.58 -2.06 13.79	35.77 -1.69 0.97	36.42 -1.35 0.00	36.75 -1.12 0.00	34.84 -1.06 0.00	32.61 -0.61 0.05	32.81 -0.69 0.01
BRANSCOMB___SOLAR 323811	31.22 1.71 0.00	32.20 1.75 0.00	27.91 1.51 0.00	23.80 1.30 0.00	24.95 1.35 0.00	23.11 1.26 0.00	21.66 1.17 0.00	25.32 1.30 0.00	25.74 1.24 0.00	25.36 1.13 0.00	25.20 1.01 0.00	35.29 1.30 0.00	36.12 1.20 0.00	37.96 1.52 0.00	34.74 1.57 0.00	35.10 1.56 0.00	44.42 2.18 0.00	44.90 2.46 0.00	40.83 2.39 0.00	40.25 2.49 0.00	40.16 2.29 0.00	37.89 1.99 0.00	34.78 1.51 0.00	35.31 1.80 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	31.64 2.13 0.00	33.15 2.69 0.00	29.96 2.41 -1.15	27.36 2.11 -2.74	26.86 2.16 -1.10	24.23 1.99 -0.39	22.25 1.75 0.00	25.91 1.89 0.00	26.63 2.14 0.00	26.14 1.91 0.00	26.24 2.05 0.00	36.59 2.59 0.00	37.95 3.04 0.00	39.46 3.02 0.00	36.13 2.96 0.00	36.75 3.22 0.00	46.84 3.49 -1.12	48.07 3.40 -2.23	41.16 2.72 0.00	39.29 2.27 0.74	39.11 2.07 0.83	38.03 2.13 0.00	35.46 2.20 0.00	36.18 2.67 0.00

BRISTLHL_115KV_TB1 79998	31.38 -0.32 -2.19	32.33 -0.41 -2.29	25.98 -0.43 -0.01	22.13 -0.38 0.00	23.21 -0.38 0.00	21.49 -0.37 0.00	20.17 -0.33 0.00	23.61 -0.41 0.00	20.74 -0.38 3.37	22.78 -0.33 1.11	24.19 -0.33 -0.33	37.34 -0.34 -3.68	32.38 -0.28 2.25	37.33 -0.26 -1.16	32.60 -0.26 0.31	36.91 -0.20 -3.57	48.53 -0.20 -6.49	48.36 -0.16 -6.09	43.53 -0.11 -5.20	42.65 -0.06 -4.95	42.81 -0.06 -5.00	40.17 -0.06 -4.33	36.43 -0.21 -3.38	36.63 -0.32 -3.44
BROOKHAVEN___DRP 24191	31.59 2.08 0.00	33.12 2.66 0.00	29.90 2.35 -1.15	27.28 2.03 -2.74	26.78 2.08 -1.10	24.15 1.91 -0.39	22.18 1.69 0.00	25.87 1.85 0.00	26.66 2.17 0.00	26.16 1.93 0.00	26.21 2.02 0.00	36.57 2.57 0.00	38.00 3.08 0.00	39.66 3.22 0.00	36.22 3.05 0.00	36.96 3.43 0.00	52.46 4.04 -6.18	58.67 3.89 -12.35	41.49 3.05 0.00	39.53 2.52 0.75	39.36 2.34 0.84	38.24 2.34 0.00	35.44 2.18 0.00	36.19 2.68 0.00
BROOKLYN_NAVY_YARD 23515	31.57 2.06 0.00	32.59 2.13 0.00	28.27 1.87 0.00	24.06 1.56 0.00	25.17 1.57 0.00	23.31 1.46 0.00	21.86 1.36 0.00	25.63 1.61 0.00	26.29 1.80 0.00	26.07 1.84 0.00	26.21 2.02 0.00	36.71 2.71 0.00	37.67 2.76 0.00	39.32 2.88 0.00	36.09 2.92 0.00	36.56 3.02 0.00	45.75 3.51 0.00	45.83 3.40 0.00	41.42 2.98 0.00	40.44 2.68 0.00	40.39 2.53 0.00	38.39 2.49 0.00	35.46 2.19 0.00	35.93 2.42 0.00
BROOKLYN___ARMY_DRP 323595	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.73 0.00	26.44 1.95 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.51 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.19 2.68 0.00
BROOKVLE_69_KV_TB1 55790	31.79 2.27 0.00	33.05 2.60 0.00	29.84 2.29 -1.15	27.22 1.98 -2.74	26.72 2.02 -1.10	24.11 1.87 -0.39	22.19 1.69 0.00	25.93 1.91 0.00	26.61 2.12 0.00	26.23 2.00 0.00	26.38 2.20 0.00	36.91 2.91 0.00	38.16 3.24 0.00	39.91 3.47 0.00	36.32 3.15 0.00	36.92 3.39 0.00	46.31 4.07 0.00	46.41 3.97 0.00	41.77 3.33 0.00	40.27 2.89 0.37	40.22 2.77 0.42	38.76 2.86 0.00	35.74 2.47 0.00	36.27 2.76 0.00
BROOME_2_LFGE 323671	30.36 0.42 -0.42	31.29 0.40 -0.44	26.59 0.19 0.00	22.62 0.12 0.00	23.75 0.15 0.00	21.98 0.12 0.00	20.63 0.13 0.00	24.25 0.23 0.00	24.83 0.33 -0.01	24.65 0.40 -0.02	24.65 0.39 -0.07	35.54 0.84 -0.71	36.69 0.99 -0.78	38.36 1.04 -0.88	34.86 1.03 -0.66	35.34 1.12 -0.69	44.90 1.33 -1.33	45.04 1.28 -1.32	40.61 1.09 -1.08	39.79 1.01 -1.02	39.91 1.02 -1.03	37.80 1.01 -0.89	34.69 0.73 -0.70	34.86 0.64 -0.71
BROOME___LFGE 323600	30.36 0.42 -0.42	31.29 0.40 -0.44	26.59 0.19 0.00	22.62 0.12 0.00	23.75 0.15 0.00	21.98 0.12 0.00	20.63 0.13 0.00	24.25 0.23 0.00	24.83 0.33 -0.01	24.65 0.40 -0.02	24.65 0.39 -0.07	35.54 0.84 -0.71	36.69 0.99 -0.78	38.36 1.04 -0.88	34.86 1.03 -0.66	35.34 1.12 -0.69	44.90 1.33 -1.33	45.04 1.28 -1.32	40.61 1.09 -1.08	39.79 1.01 -1.02	39.91 1.02 -1.03	37.80 1.01 -0.89	34.69 0.73 -0.70	34.86 0.64 -0.71
BROWNFLS_115KV_TB 3_5 80003	29.02 -0.88 -0.40	29.87 -1.00 -0.42	25.53 -0.88 0.00	21.58 -0.92 0.00	22.71 -0.89 0.00	21.03 -0.83 0.00	19.67 -0.83 0.00	23.15 -0.87 0.00	-44.33 -1.11 67.72	-1.00 -1.02 24.21	22.71 -1.03 0.45	33.15 -1.51 -0.67	-90.85 -1.65 124.12	-32.76 -1.81 67.39	-42.46 -1.81 73.82	32.32 -1.81 -0.61	40.78 -2.15 -0.68	34.56 -1.82 6.06	37.52 -1.37 -0.45	37.68 -0.99 -0.91	37.90 -0.88 -0.92	35.74 -0.95 -0.80	32.94 -0.92 -0.60	32.99 -1.15 -0.63
BROWNSV1_27_KV_LOAD 356125	31.98 2.47 0.00	32.99 2.54 0.00	28.61 2.21 0.00	24.34 1.84 0.00	25.47 1.87 0.00	23.58 1.73 0.00	22.11 1.61 0.00	25.94 1.92 0.00	26.63 2.14 0.00	26.40 2.17 0.00	26.55 2.36 0.00	37.22 3.22 0.00	38.23 3.31 0.00	39.90 3.46 0.00	36.61 3.44 0.00	37.11 3.58 0.00	46.46 4.22 0.00	46.53 4.10 0.00	42.04 3.60 0.00	41.04 3.28 0.00	41.00 3.13 0.00	38.97 3.07 0.00	35.99 2.72 0.00	36.45 2.94 0.00
BURROWS___LYONSDAL 23803	30.31 0.47 -0.33	31.16 0.36 -0.34	26.56 0.16 0.00	22.53 0.03 0.00	23.69 0.09 0.00	21.96 0.10 0.00	20.54 0.04 0.00	24.16 0.14 0.00	5.72 0.14 18.91	17.66 0.18 6.75	24.28 0.18 0.09	34.81 0.27 -0.54	0.85 0.19 34.26	18.30 0.22 18.36	12.98 0.08 20.27	34.17 0.11 -0.52	43.39 0.29 -0.86	42.00 0.55 0.99	39.79 0.68 -0.67	39.46 0.92 -0.77	39.60 0.96 -0.78	37.37 0.80 -0.67	34.31 0.52 -0.52	34.40 0.35 -0.53
CAITHNESS_CC_1 323624	31.56 2.05 0.00	33.08 2.63 0.00	29.89 2.34 -1.15	27.27 2.03 -2.75	26.77 2.08 -1.10	24.15 1.91 -0.39	22.18 1.68 0.00	25.85 1.83 0.00	26.61 2.12 0.00	26.13 1.90 0.00	26.18 1.99 0.00	36.51 2.51 0.00	37.92 3.00 0.00	39.57 3.13 0.00	36.15 2.98 0.00	36.86 3.33 0.00	52.22 3.90 -6.07	58.34 3.77 -12.13	41.40 2.97 0.00	39.46 2.44 0.75	39.29 2.26 0.84	38.18 2.28 0.00	35.37 2.11 0.00	36.12 2.61 0.00
CALPINE BETH_PAGE_GT4 24209	31.44 1.93 0.00	32.78 2.32 0.00	29.62 2.07 -1.15	27.06 1.81 -2.74	26.55 1.85 -1.10	23.94 1.71 -0.39	22.02 1.52 0.00	25.69 1.66 0.00	26.36 1.87 0.00	25.93 1.70 0.00	26.06 1.87 0.00	36.38 2.39 0.00	37.65 2.74 0.00	39.24 2.80 0.00	35.82 2.65 0.00	36.42 2.88 0.00	45.61 3.37 0.00	45.71 3.27 0.00	41.12 2.68 0.00	39.43 2.27 0.60	39.35 2.16 0.67	38.08 2.18 0.00	35.27 2.00 0.00	35.86 2.35 0.00
CALPINE_BETH_PAGE_GT_4 323586	31.44 1.93 0.00	32.78 2.32 0.00	29.62 2.07 -1.15	27.06 1.81 -2.75	26.55 1.85 -1.10	23.95 1.71 -0.39	22.02 1.52 0.00	25.68 1.66 0.00	26.35 1.86 0.00	25.93 1.70 0.00	26.06 1.88 0.00	36.38 2.38 0.00	37.65 2.73 0.00	39.24 2.80 0.00	35.83 2.66 0.00	36.42 2.88 0.00	45.61 3.37 0.00	45.71 3.27 0.00	41.12 2.68 0.00	39.43 2.27 0.60	39.35 2.16 0.67	38.08 2.18 0.00	35.26 2.00 0.00	35.87 2.36 0.00
CALPINE_BP_GT1 23823	31.44 1.93 0.00	32.78 2.32 0.00	29.62 2.07 -1.15	27.06 1.81 -2.75	26.55 1.85 -1.10	23.95 1.71 -0.39	22.02 1.52 0.00	25.68 1.66 0.00	26.35 1.86 0.00	25.93 1.70 0.00	26.06 1.88 0.00	36.38 2.38 0.00	37.65 2.73 0.00	39.24 2.80 0.00	35.83 2.66 0.00	36.42 2.88 0.00	45.61 3.37 0.00	45.71 3.27 0.00	41.12 2.68 0.00	39.43 2.27 0.60	39.35 2.16 0.67	38.08 2.18 0.00	35.26 2.00 0.00	35.87 2.36 0.00
CALSPAN___DRP 24200	29.97 0.45 0.00	30.61 0.16 0.00	26.31 -0.09 0.00	22.35 -0.15 0.00	23.45 -0.14 0.00	21.63 -0.22 0.00	20.21 -0.29 0.00	24.02 -0.01 0.00	24.65 0.16 0.00	24.49 0.26 0.00	24.28 0.09 0.00	34.84 0.84 0.00	36.37 1.46 0.00	37.85 1.41 0.00	34.36 1.19 0.00	34.93 1.39 0.00	43.69 1.45 0.00	44.22 1.79 0.00	39.77 1.33 0.00	39.05 1.28 0.00	39.27 1.40 0.00	37.21 1.31 0.00	34.26 1.00 0.00	34.23 0.72 0.00

CALVERTON___SOLAR 323806	31.66 2.14 0.00	33.17 2.72 0.00	29.94 2.39 -1.15	27.30 2.05 -2.75	26.80 2.10 -1.10	24.17 1.93 -0.39	22.20 1.71 0.00	25.90 1.88 0.00	26.71 2.22 0.00	26.23 2.00 0.00	26.29 2.10 0.00	36.69 2.69 0.00	38.15 3.23 0.00	39.82 3.38 0.00	36.33 3.16 0.00	37.12 3.59 0.00	52.74 4.28 -6.22	58.96 4.10 -12.43	41.62 3.18 0.00	39.65 2.64 0.75	39.48 2.46 0.84	38.35 2.45 0.00	35.57 2.30 0.00	36.31 2.80 0.00
CANDIGU_WT_PWR 323617	30.12 0.38 -0.23	30.98 0.29 -0.23	26.37 -0.03 0.00	22.40 -0.10 0.00	23.52 -0.08 0.00	21.73 -0.13 0.00	20.40 -0.10 0.00	24.14 0.12 0.00	24.79 0.29 -0.01	24.61 0.37 -0.01	24.46 0.24 -0.04	35.25 0.85 -0.40	36.56 1.22 -0.42	38.08 1.18 -0.47	34.63 1.11 -0.36	35.13 1.23 -0.37	44.30 1.33 -0.73	44.57 1.40 -0.73	40.17 1.13 -0.60	39.45 1.13 -0.56	39.68 1.25 -0.57	37.65 1.26 -0.49	34.57 0.91 -0.39	34.65 0.75 -0.39
CARR STREET_E_SYR 24060	29.97 -0.13 -0.59	30.85 -0.21 -0.61	26.14 -0.26 0.00	22.27 -0.23 0.00	23.37 -0.23 0.00	21.63 -0.23 0.00	20.30 -0.20 0.00	23.79 -0.23 0.00	21.60 -0.18 2.71	23.16 -0.12 0.95	24.14 -0.12 -0.07	34.94 0.02 -0.93	31.12 0.14 3.94	35.13 0.18 1.48	31.32 0.19 2.04	34.74 0.25 -0.95	44.46 0.31 -1.91	44.46 0.37 -1.66	40.32 0.33 -1.55	39.56 0.31 -1.49	39.63 0.26 -1.50	37.40 0.20 -1.30	34.28 0.00 -1.01	34.44 -0.11 -1.03
CARTHAGE___PAPER 23857	30.33 -0.01 -0.83	31.16 -0.16 -0.87	26.06 -0.34 -0.01	22.03 -0.47 0.00	23.21 -0.39 0.00	21.50 -0.36 0.00	20.09 -0.41 0.00	23.67 -0.35 0.00	-6.65 -0.40 30.73	12.88 -0.39 10.96	23.63 -0.46 0.10	34.69 -0.70 -1.39	-21.10 -0.86 55.16	6.30 -0.91 29.23	-0.35 -1.03 32.49	33.80 -1.07 -1.33	43.37 -1.13 -2.26	40.99 -0.64 0.81	39.97 -0.24 -1.77	39.92 0.26 -1.89	40.15 0.37 -1.91	37.78 0.23 -1.66	34.56 0.01 -1.28	34.58 -0.25 -1.32
CASSADAGA_WT_PWR 323784	30.83 1.31 0.00	31.50 1.05 0.00	26.96 0.56 0.00	22.85 0.35 0.00	23.98 0.39 0.00	22.12 0.27 0.00	20.73 0.23 0.00	24.69 0.67 0.00	25.43 0.94 0.00	25.21 0.98 0.00	25.02 0.83 0.00	36.02 2.02 0.00	37.52 2.60 0.00	39.08 2.64 0.00	35.20 2.04 0.00	35.77 2.23 0.00	44.84 2.60 0.00	45.19 2.76 0.00	40.62 2.18 0.00	39.76 2.00 0.00	40.35 2.49 0.00	38.32 2.43 0.00	35.18 1.91 0.00	35.12 1.61 0.00
CE_DUNWOOD___DRP 24194	31.35 1.83 0.00	32.37 1.92 0.00	28.08 1.68 0.00	23.90 1.40 0.00	25.02 1.42 0.00	23.18 1.32 0.00	21.73 1.23 0.00	25.47 1.45 0.00	26.14 1.65 0.00	25.88 1.65 0.00	26.00 1.81 0.00	36.42 2.43 0.00	37.40 2.49 0.00	39.09 2.65 0.00	35.82 2.65 0.00	36.30 2.76 0.00	45.52 3.28 0.00	45.67 3.23 0.00	41.24 2.80 0.00	40.28 2.52 0.00	40.30 2.43 0.00	38.28 2.39 0.00	35.29 2.02 0.00	35.70 2.19 0.00
CE_MILLWOOD___DRP 24193	31.28 1.77 0.00	32.30 1.85 0.00	28.02 1.61 0.00	23.85 1.35 0.00	24.96 1.36 0.00	23.12 1.27 0.00	21.68 1.18 0.00	25.42 1.40 0.00	26.08 1.60 0.00	25.83 1.60 0.00	25.93 1.75 0.00	36.34 2.34 0.00	37.31 2.39 0.00	39.01 2.57 0.00	35.74 2.57 0.00	36.21 2.68 0.00	45.44 3.20 0.00	45.59 3.16 0.00	41.17 2.73 0.00	40.23 2.46 0.00	40.23 2.37 0.00	38.22 2.32 0.00	35.22 1.96 0.00	35.62 2.11 0.00
CE_NYC2_DRP 24202	31.61 2.10 0.00	32.62 2.17 0.00	28.30 1.90 0.00	24.09 1.59 0.00	25.20 1.60 0.00	23.34 1.49 0.00	21.90 1.40 0.00	25.66 1.63 0.00	26.34 1.85 0.00	26.11 1.87 0.00	26.27 2.08 0.00	36.76 2.77 0.00	37.69 2.77 0.00	39.27 2.83 0.00	36.02 2.85 0.00	36.47 2.93 0.00	45.60 3.36 0.00	45.70 3.26 0.00	41.30 2.86 0.00	40.33 2.56 0.00	40.35 2.49 0.00	38.38 2.48 0.00	35.50 2.23 0.00	36.03 2.52 0.00
CE_NYC_DRP 24195	31.59 2.08 0.00	32.61 2.16 0.00	28.29 1.89 0.00	24.09 1.58 0.00	25.20 1.61 0.00	23.33 1.48 0.00	21.88 1.38 0.00	25.65 1.63 0.00	26.34 1.85 0.00	26.10 1.87 0.00	26.25 2.06 0.00	36.77 2.77 0.00	37.75 2.83 0.00	39.40 2.96 0.00	36.15 2.98 0.00	36.63 3.10 0.00	45.83 3.59 0.00	45.90 3.47 0.00	41.47 3.04 0.00	40.50 2.74 0.00	40.47 2.60 0.00	38.45 2.56 0.00	35.51 2.24 0.00	35.97 2.46 0.00
CHAFFEE___LFGE 323603	30.09 0.58 0.00	30.73 0.28 0.00	26.39 -0.01 0.00	22.41 -0.09 0.00	23.51 -0.09 0.00	21.69 -0.16 0.00	20.27 -0.23 0.00	24.12 0.09 0.00	24.82 0.33 0.00	24.60 0.38 0.00	24.40 0.21 0.00	35.02 1.03 0.00	36.55 1.63 0.00	38.06 1.62 0.00	34.56 1.39 0.00	35.13 1.59 0.00	43.94 1.70 0.00	44.48 2.05 0.00	40.01 1.57 0.00	39.27 1.51 0.00	39.48 1.61 0.00	37.41 1.52 0.00	34.42 1.16 0.00	34.37 0.86 0.00
CHATEAUG_35_KV_LOAD 355732	29.17 -0.34 0.00	30.39 -0.06 0.00	26.30 -0.10 0.00	22.36 -0.14 0.00	23.42 -0.18 0.00	21.68 -0.18 0.00	20.35 -0.15 0.00	23.87 -0.15 0.00	9.31 -0.11 15.06	18.73 -0.11 5.39	23.89 -0.18 0.11	33.70 -0.30 0.00	6.92 -0.23 27.77	20.64 -0.62 15.18	15.65 -0.97 16.56	32.26 -1.27 0.01	40.34 -1.78 0.12	38.32 -1.68 2.44	37.10 -1.22 0.12	36.95 -0.81 0.00	37.27 -0.60 0.00	35.25 -0.65 0.00	32.54 -0.72 0.00	32.62 -0.89 0.00
CHATEAUG_WT_PWR 323614	29.67 0.16 0.00	31.11 0.65 0.00	26.81 0.41 0.00	22.78 0.27 0.00	23.88 0.28 0.00	22.11 0.26 0.00	20.76 0.26 0.00	24.38 0.36 0.00	16.83 0.47 8.14	21.85 0.53 2.91	24.59 0.46 0.06	34.62 0.62 0.00	20.69 0.77 15.00	28.42 0.18 8.20	23.79 -0.44 8.94	32.55 -0.98 0.01	40.53 -1.65 0.06	39.24 -1.44 1.76	37.53 -0.85 0.06	37.48 -0.28 0.00	37.95 0.08 0.00	35.86 -0.04 0.00	32.65 -0.61 0.00	32.67 -0.84 0.00
CHAT_HIGH_FALL_HYD 323578	29.17 -0.34 0.00	30.39 -0.06 0.00	26.30 -0.10 0.00	22.36 -0.14 0.00	23.42 -0.18 0.00	21.68 -0.18 0.00	20.35 -0.15 0.00	23.87 -0.15 0.00	9.31 -0.11 15.06	18.73 -0.11 5.39	23.89 -0.18 0.11	33.70 -0.30 0.00	6.92 -0.23 27.77	20.64 -0.62 15.18	15.65 -0.97 16.56	32.26 -1.27 0.01	40.34 -1.78 0.12	38.32 -1.68 2.44	37.10 -1.22 0.12	36.95 -0.81 0.00	37.27 -0.60 0.00	35.25 -0.65 0.00	32.54 -0.72 0.00	32.62 -0.89 0.00
CHAUTAUQUA___LFGE 323629	30.37 0.85 0.00	31.08 0.62 0.00	26.60 0.20 0.00	22.56 0.06 0.00	23.69 0.09 0.00	21.85 0.00 0.00	20.47 -0.03 0.00	24.36 0.33 0.00	25.05 0.56 0.00	24.85 0.62 0.00	24.64 0.45 0.00	35.45 1.45 0.00	36.93 2.01 0.00	38.45 2.02 0.00	34.84 1.67 0.00	35.41 1.88 0.00	44.36 2.12 0.00	44.72 2.28 0.00	40.20 1.77 0.00	39.39 1.63 0.00	39.80 1.93 0.00	37.80 1.90 0.00	34.73 1.46 0.00	34.68 1.16 0.00
CHERRYST_13_KV_LD 356241	31.70 2.19 0.00	32.72 2.27 0.00	28.39 1.99 0.00	24.17 1.67 0.00	25.29 1.69 0.00	23.42 1.56 0.00	21.95 1.45 0.00	25.74 1.72 0.00	26.44 1.95 0.00	26.20 1.97 0.00	26.35 2.16 0.00	36.92 2.93 0.00	37.91 3.00 0.00	39.57 3.14 0.00	36.31 3.14 0.00	36.79 3.26 0.00	46.03 3.79 0.00	46.10 3.67 0.00	41.66 3.22 0.00	40.67 2.90 0.00	40.63 2.77 0.00	38.61 2.71 0.00	35.64 2.37 0.00	36.10 2.59 0.00

CHESTROR_138KV_BK263 355645	30.98 1.47 0.00	31.97 1.51 0.00	27.73 1.33 0.00	23.59 1.09 0.00	24.71 1.11 0.00	22.89 1.03 0.00	21.47 0.97 0.00	25.17 1.15 0.00	25.81 1.32 0.00	25.55 1.32 0.00	25.62 1.43 0.00	35.93 1.93 0.00	36.92 2.00 0.00	38.63 2.19 0.00	35.36 2.19 0.00	35.84 2.30 0.00	45.06 2.81 0.00	45.25 2.81 0.00	40.88 2.44 0.00	39.97 2.21 0.00	40.00 2.13 0.00	37.96 2.06 0.00	34.95 1.69 0.00	35.29 1.78 0.00
CH_MIDHUDSON___DRP 24192	31.28 1.77 0.00	32.30 1.85 0.00	28.00 1.61 0.00	23.84 1.33 0.00	24.95 1.36 0.00	23.13 1.27 0.00	21.70 1.20 0.00	25.42 1.40 0.00	26.06 1.57 0.00	25.80 1.57 0.00	25.88 1.70 0.00	36.28 2.28 0.00	37.23 2.32 0.00	38.95 2.51 0.00	35.69 2.52 0.00	36.14 2.61 0.00	45.43 3.19 0.00	45.66 3.23 0.00	41.24 2.80 0.00	40.31 2.55 0.00	40.33 2.47 0.00	38.26 2.37 0.00	35.23 1.96 0.00	35.58 2.06 0.00
CH_MISC_IPPS 23765	31.52 2.01 0.00	32.53 2.08 0.00	28.19 1.79 0.00	23.99 1.49 0.00	25.12 1.52 0.00	23.28 1.42 0.00	21.84 1.34 0.00	25.61 1.59 0.00	26.26 1.77 0.00	26.00 1.77 0.00	26.10 1.92 0.00	36.61 2.61 0.00	37.61 2.70 0.00	39.36 2.92 0.00	36.07 2.90 0.00	36.56 3.02 0.00	45.98 3.73 0.00	46.21 3.78 0.00	41.72 3.28 0.00	40.76 3.00 0.00	40.76 2.89 0.00	38.66 2.76 0.00	35.56 2.30 0.00	35.88 2.37 0.00
CH_RES_BVR_FALLS 23983	29.04 -0.48 0.00	29.93 -0.53 0.00	25.90 -0.50 0.00	22.09 -0.41 0.00	23.13 -0.47 0.00	21.46 -0.40 0.00	20.11 -0.39 0.00	23.69 -0.33 0.00	29.02 -0.36 -4.89	25.63 -0.35 -1.75	23.84 -0.39 -0.04	33.41 -0.59 0.00	43.31 -0.62 -9.01	40.63 -0.73 -4.92	37.73 -0.81 -5.37	32.68 -0.86 0.00	41.19 -1.08 -0.04	40.57 -0.85 1.01	37.86 -0.61 -0.03	37.22 -0.54 0.00	37.33 -0.53 0.00	35.37 -0.53 0.00	32.92 -0.35 0.00	33.15 -0.36 0.00
CH_RES_NIAGARA 23895	28.88 -0.63 0.00	29.51 -0.94 0.00	25.44 -0.96 0.00	21.74 -0.76 0.00	22.84 -0.76 0.00	21.05 -0.81 0.00	19.63 -0.87 0.00	23.33 -0.69 0.00	23.92 -0.57 0.00	23.70 -0.53 0.00	23.42 -0.77 0.00	33.56 -0.43 0.00	35.10 0.18 0.00	36.49 0.05 0.00	33.04 -0.13 0.00	33.59 0.06 0.00	41.87 -0.37 0.00	42.34 -0.09 0.00	38.08 -0.36 0.00	37.44 -0.33 0.00	37.74 -0.13 0.00	35.73 -0.17 0.00	32.98 -0.28 0.00	33.16 -0.35 0.00
CH_RES_SYRACUSE 23985	30.71 0.13 -1.06	31.63 0.06 -1.11	26.37 -0.04 -0.01	22.46 -0.04 0.00	23.57 -0.02 0.00	21.81 -0.04 0.00	20.46 -0.03 0.00	24.01 -0.01 0.00	22.13 0.08 2.44	23.55 0.15 0.82	24.50 0.16 -0.16	36.22 0.39 -1.83	32.96 0.48 2.43	36.80 0.48 0.12	32.74 0.48 0.90	35.82 0.55 -1.73	46.41 0.65 -3.52	46.44 0.70 -3.31	41.95 0.64 -2.87	41.09 0.60 -2.74	41.19 0.56 -2.76	38.76 0.47 -2.39	35.37 0.23 -1.87	35.56 0.14 -1.90
CLINTON_WT_PWR 323605	29.67 0.16 0.00	31.11 0.65 0.00	26.81 0.41 0.00	22.78 0.27 0.00	23.88 0.28 0.00	22.11 0.26 0.00	20.76 0.26 0.00	24.38 0.36 0.00	16.83 0.47 8.14	21.85 0.53 2.91	24.59 0.46 0.06	34.62 0.62 0.00	20.69 0.77 15.00	28.42 0.18 8.20	23.79 -0.44 8.94	32.55 -0.98 0.01	40.53 -1.65 0.06	39.24 -1.44 1.76	37.53 -0.85 0.06	37.48 -0.28 0.00	37.95 0.08 0.00	35.86 -0.04 0.00	32.65 -0.61 0.00	32.67 -0.84 0.00
CLINTON___LFGE 323618	29.78 0.27 0.00	31.15 0.70 0.00	26.89 0.48 0.00	22.84 0.34 0.00	23.92 0.33 0.00	22.16 0.31 0.00	20.80 0.31 0.00	24.43 0.41 0.00	15.76 0.52 9.25	21.48 0.56 3.31	24.65 0.53 0.07	34.72 0.72 0.00	18.72 0.86 17.05	27.42 0.31 9.32	22.74 -0.26 10.17	32.82 -0.71 0.01	40.92 -1.25 0.07	39.51 -1.05 1.87	37.81 -0.55 0.07	37.69 -0.08 0.00	38.13 0.26 0.00	36.06 0.16 0.00	32.99 -0.28 0.00	33.03 -0.48 0.00
COBBLENY_34_KV_TB1 80064	30.09 0.58 0.00	30.74 0.28 0.00	26.39 -0.01 0.00	22.41 -0.09 0.00	23.51 -0.09 0.00	21.69 -0.16 0.00	20.27 -0.23 0.00	24.10 0.07 0.00	24.76 0.27 0.00	24.61 0.38 0.00	24.39 0.21 0.00	35.03 1.03 0.00	36.55 1.63 0.00	38.06 1.62 0.00	34.57 1.40 0.00	35.13 1.59 0.00	43.94 1.70 0.00	44.48 2.04 0.00	40.01 1.57 0.00	39.26 1.50 0.00	39.47 1.61 0.00	37.41 1.51 0.00	34.41 1.15 0.00	34.36 0.85 0.00
COFFEEN___115KV_TB3 355620	30.64 0.12 -1.02	31.42 -0.09 -1.06	26.06 -0.35 -0.01	22.03 -0.47 0.00	23.20 -0.39 0.00	21.48 -0.38 0.00	20.07 -0.43 0.00	23.63 -0.40 0.00	-1.48 -0.41 25.55	14.75 -0.38 9.10	23.66 -0.50 0.03	34.98 -0.72 -1.70	-11.20 -0.84 45.27	11.91 -0.90 23.63	5.66 -1.00 26.51	34.14 -1.04 -1.64	44.03 -1.06 -2.85	42.24 -0.48 -0.28	40.63 -0.06 -2.25	40.65 0.58 -2.31	40.93 0.72 -2.34	38.49 0.57 -2.02	35.10 0.26 -1.57	35.05 -0.07 -1.61
COLDSPRG_115KV_BK1 355956	30.99 1.48 0.00	31.66 1.21 0.00	27.09 0.69 0.00	22.97 0.47 0.00	24.12 0.52 0.00	22.25 0.39 0.00	20.84 0.34 0.00	24.82 0.79 0.00	25.51 1.02 0.00	25.33 1.10 0.00	25.10 0.91 0.00	36.13 2.13 0.00	37.56 2.64 0.00	39.13 2.69 0.00	35.19 2.02 0.00	35.75 2.22 0.00	44.80 2.55 0.00	45.10 2.67 0.00	40.51 2.07 0.00	39.61 1.85 0.00	40.24 2.38 0.00	38.23 2.33 0.00	35.12 1.85 0.00	35.10 1.59 0.00
COLONIE_LFGE___ 323577	30.78 1.27 0.00	31.80 1.34 0.00	27.60 1.20 0.00	23.56 1.06 0.00	24.71 1.12 0.00	22.90 1.04 0.00	21.45 0.95 0.00	25.09 1.07 0.00	25.53 1.04 0.00	25.22 0.99 0.00	25.13 0.94 0.00	35.14 1.14 0.00	35.92 1.00 0.00	37.70 1.26 0.00	34.40 1.23 0.00	34.73 1.20 0.00	43.92 1.68 0.00	44.22 1.79 0.00	40.02 1.58 0.00	39.40 1.64 0.00	39.54 1.67 0.00	37.42 1.52 0.00	34.36 1.10 0.00	34.78 1.26 0.00
COOPERNY_115KV_TB1 80082	30.57 1.06 0.00	31.55 1.09 0.00	27.34 0.95 0.00	23.28 0.78 0.00	24.40 0.80 0.00	22.59 0.74 0.00	21.20 0.70 0.00	24.85 0.82 0.00	25.45 0.96 0.00	25.20 0.97 0.00	25.26 1.07 0.00	35.45 1.45 0.00	36.43 1.52 0.00	38.10 1.66 0.00	34.84 1.67 0.00	35.28 1.75 0.00	44.37 2.13 0.00	44.55 2.12 0.00	40.27 1.83 0.00	39.42 1.66 0.00	39.45 1.59 0.00	37.44 1.54 0.00	34.52 1.25 0.00	34.84 1.32 0.00
COPENHAGEN_WT_PWR 323753	30.47 -0.10 -1.06	31.26 -0.30 -1.11	25.84 -0.57 -0.01	21.82 -0.68 0.00	23.02 -0.58 0.00	21.31 -0.54 0.00	19.90 -0.59 0.00	23.50 -0.53 0.00	-0.19 -0.51 24.17	15.18 -0.45 8.60	23.64 -0.54 0.01	34.99 -0.79 -1.79	-8.66 -0.94 42.63	13.31 -0.99 22.13	7.16 -1.10 24.91	34.10 -1.15 -1.72	44.01 -1.23 -3.01	42.29 -0.73 -0.58	40.45 -0.37 -2.38	40.36 0.17 -2.43	40.53 0.21 -2.45	38.09 0.07 -2.12	34.74 -0.18 -1.65	34.76 -0.44 -1.69
CORNELL_____ 23752	30.95 0.85 -0.58	31.87 0.81 -0.61	26.95 0.55 0.00	22.95 0.44 0.00	24.08 0.49 0.00	22.28 0.42 0.00	20.90 0.40 0.00	24.46 0.43 0.00	24.93 0.43 -0.02	24.71 0.45 -0.04	24.69 0.40 -0.10	35.84 0.79 -1.05	37.11 1.09 -1.10	38.85 1.19 -1.22	35.20 1.12 -0.92	35.69 1.21 -0.95	45.66 1.57 -1.85	45.99 1.70 -1.85	41.62 1.68 -1.50	40.94 1.75 -1.42	41.12 1.81 -1.44	38.83 1.69 -1.24	35.53 1.30 -0.97	35.65 1.15 -0.99

CORONA V_69_KV_TB1 355595	31.74 2.23 0.00	32.97 2.51 0.00	29.77 2.22 -1.15	27.16 1.92 -2.74	26.65 1.95 -1.10	24.06 1.82 -0.39	22.15 1.65 0.00	25.86 1.83 0.00	26.50 2.01 0.00	26.13 1.90 0.00	26.30 2.11 0.00	36.77 2.77 0.00	37.98 3.07 0.00	39.66 3.22 0.00	36.32 3.15 0.00	36.85 3.32 0.00	46.13 3.89 0.00	46.21 3.77 0.00	41.62 3.18 0.00	40.43 2.77 0.11	40.37 2.62 0.12	38.51 2.61 0.00	35.55 2.28 0.00	36.13 2.62 0.00
CORTLAND_115KV_TB3 80093	30.75 0.66 -0.58	31.67 0.61 -0.61	26.80 0.40 0.00	22.82 0.32 0.00	23.94 0.34 0.00	22.16 0.31 0.00	20.80 0.30 0.00	24.38 0.36 0.00	22.68 0.38 2.19	23.88 0.40 0.76	24.65 0.38 -0.08	35.76 0.75 -1.01	32.86 0.89 2.94	36.44 0.98 0.98	32.59 0.91 1.49	35.47 0.99 -0.95	45.33 1.27 -1.82	45.37 1.32 -1.62	41.19 1.27 -1.47	40.50 1.33 -1.41	40.67 1.38 -1.43	38.44 1.31 -1.24	35.20 0.97 -0.96	35.34 0.85 -0.98
COXSACKIE__GT 23611	31.98 2.46 0.00	32.89 2.44 0.00	28.49 2.09 0.00	24.31 1.81 0.00	25.49 1.89 0.00	23.61 1.76 0.00	22.09 1.60 0.00	25.87 1.85 0.00	26.21 1.72 0.00	25.74 1.51 0.00	25.58 1.39 0.00	35.84 1.85 0.00	36.48 1.56 0.00	38.48 2.04 0.00	35.26 2.09 0.00	35.77 2.24 0.00	45.49 3.25 0.00	45.68 3.25 0.00	41.81 3.36 0.00	41.30 3.55 0.00	41.57 3.70 0.00	39.29 3.39 0.00	35.87 2.61 0.00	35.96 2.45 0.00
CPV_VALLEY__CC1 323721	30.71 1.20 0.00	31.69 1.24 0.00	27.49 1.09 0.00	23.41 0.91 0.00	24.51 0.92 0.00	22.71 0.86 0.00	21.30 0.81 0.00	24.97 0.95 0.00	25.59 1.10 0.00	25.33 1.10 0.00	25.41 1.22 0.00	35.62 1.62 0.00	36.59 1.67 0.00	38.27 1.83 0.00	35.02 1.85 0.00	35.48 1.95 0.00	44.59 2.35 0.00	44.76 2.33 0.00	40.45 2.01 0.00	39.55 1.79 0.00	39.59 1.73 0.00	37.58 1.68 0.00	34.62 1.36 0.00	34.97 1.45 0.00
CPV_VALLEY__CC2 323722	30.71 1.20 0.00	31.69 1.24 0.00	27.49 1.09 0.00	23.41 0.91 0.00	24.51 0.92 0.00	22.71 0.86 0.00	21.30 0.81 0.00	24.97 0.95 0.00	25.59 1.10 0.00	25.33 1.10 0.00	25.41 1.22 0.00	35.62 1.62 0.00	36.59 1.67 0.00	38.27 1.83 0.00	35.02 1.85 0.00	35.48 1.95 0.00	44.59 2.35 0.00	44.76 2.33 0.00	40.45 2.01 0.00	39.55 1.79 0.00	39.59 1.73 0.00	37.58 1.68 0.00	34.62 1.36 0.00	34.97 1.45 0.00
CRESCENT__HYD 24018	30.78 1.27 0.00	31.80 1.34 0.00	27.60 1.20 0.00	23.56 1.06 0.00	24.71 1.12 0.00	22.90 1.04 0.00	21.45 0.95 0.00	25.09 1.07 0.00	25.53 1.04 0.00	25.22 0.99 0.00	25.13 0.94 0.00	35.14 1.14 0.00	35.92 1.00 0.00	37.70 1.26 0.00	34.40 1.23 0.00	34.73 1.20 0.00	43.92 1.68 0.00	44.22 1.79 0.00	40.02 1.58 0.00	39.40 1.64 0.00	39.54 1.67 0.00	37.42 1.52 0.00	34.36 1.10 0.00	34.78 1.26 0.00
CRICKET__VALLEY_CC1 323756	30.88 1.37 0.00	31.91 1.46 0.00	27.69 1.29 0.00	23.59 1.09 0.00	24.69 1.10 0.00	22.89 1.03 0.00	21.48 0.98 0.00	25.12 1.09 0.00	25.72 1.24 0.00	25.46 1.24 0.00	25.49 1.30 0.00	35.64 1.65 0.00	36.48 1.57 0.00	38.21 1.77 0.00	34.99 1.82 0.00	35.36 1.82 0.00	44.45 2.21 0.00	44.74 2.30 0.00	40.45 2.01 0.00	39.59 1.83 0.00	39.66 1.79 0.00	37.63 1.74 0.00	34.62 1.36 0.00	35.00 1.49 0.00
CRICKET__VALLEY_CC2 323757	30.88 1.37 0.00	31.91 1.46 0.00	27.69 1.29 0.00	23.59 1.09 0.00	24.69 1.10 0.00	22.89 1.03 0.00	21.48 0.98 0.00	25.12 1.09 0.00	25.72 1.24 0.00	25.46 1.24 0.00	25.49 1.30 0.00	35.64 1.65 0.00	36.48 1.57 0.00	38.21 1.77 0.00	34.99 1.82 0.00	35.36 1.82 0.00	44.45 2.21 0.00	44.74 2.30 0.00	40.45 2.01 0.00	39.59 1.83 0.00	39.66 1.79 0.00	37.63 1.74 0.00	34.62 1.36 0.00	35.00 1.49 0.00
CRICKET__VALLEY_CC3 323758	30.88 1.37 0.00	31.91 1.46 0.00	27.69 1.29 0.00	23.59 1.09 0.00	24.69 1.10 0.00	22.89 1.03 0.00	21.48 0.98 0.00	25.12 1.09 0.00	25.72 1.24 0.00	25.46 1.24 0.00	25.49 1.30 0.00	35.64 1.65 0.00	36.48 1.57 0.00	38.21 1.77 0.00	34.99 1.82 0.00	35.36 1.82 0.00	44.45 2.21 0.00	44.74 2.30 0.00	40.45 2.01 0.00	39.59 1.83 0.00	39.66 1.79 0.00	37.63 1.74 0.00	34.62 1.36 0.00	35.00 1.49 0.00
CRUCIBLE_METL_DRP 24180	30.71 0.14 -1.06	31.63 0.07 -1.11	26.37 -0.04 -0.01	22.46 -0.04 0.00	23.57 -0.02 0.00	21.81 -0.04 0.00	20.46 -0.03 0.00	24.01 -0.01 0.00	22.12 0.07 2.44	23.55 0.15 0.82	24.50 0.16 -0.16	36.22 0.39 -1.83	32.96 0.47 2.43	36.79 0.48 0.12	32.75 0.48 0.90	35.82 0.55 -1.73	46.41 0.65 -3.52	46.44 0.70 -3.31	41.94 0.64 -2.87	41.09 0.59 -2.74	41.19 0.56 -2.76	38.76 0.47 -2.39	35.37 0.24 -1.87	35.56 0.14 -1.90
DAHOWA__HYDRO 323763	31.37 1.86 0.00	32.35 1.90 0.00	28.03 1.63 0.00	23.89 1.39 0.00	25.04 1.45 0.00	23.20 1.35 0.00	21.75 1.25 0.00	25.44 1.41 0.00	25.86 1.37 0.00	25.48 1.25 0.00	25.29 1.10 0.00	35.40 1.41 0.00	36.25 1.33 0.00	38.13 1.69 0.00	34.92 1.75 0.00	35.27 1.74 0.00	44.69 2.44 0.00	45.20 2.77 0.00	41.13 2.69 0.00	40.53 2.77 0.00	40.35 2.48 0.00	38.03 2.13 0.00	34.89 1.62 0.00	35.49 1.98 0.00
DANC__LFGE 323619	30.65 -0.20 -1.34	31.48 -0.37 -1.40	25.88 -0.53 -0.01	21.93 -0.57 0.00	23.08 -0.52 0.00	21.35 -0.50 0.00	19.98 -0.52 0.00	23.52 -0.51 0.00	7.41 -0.49 16.59	17.92 -0.43 5.88	23.78 -0.49 -0.09	35.61 -0.63 -2.24	6.05 -0.70 28.16	21.79 -0.72 13.93	16.20 -0.82 16.16	34.85 -0.86 -2.17	45.19 -0.93 -3.87	44.04 -0.58 -2.18	41.19 -0.34 -3.09	40.82 0.02 -3.04	40.98 0.04 -3.07	38.56 0.00 -2.66	35.14 -0.19 -2.07	35.23 -0.40 -2.11
DANSKAMMER__1 23586	31.52 2.01 0.00	32.53 2.08 0.00	28.19 1.79 0.00	23.99 1.49 0.00	25.12 1.52 0.00	23.28 1.42 0.00	21.84 1.34 0.00	25.61 1.59 0.00	26.26 1.77 0.00	26.00 1.77 0.00	26.10 1.92 0.00	36.61 2.61 0.00	37.61 2.70 0.00	39.36 2.92 0.00	36.07 2.90 0.00	36.56 3.02 0.00	45.98 3.73 0.00	46.21 3.78 0.00	41.72 3.28 0.00	40.76 3.00 0.00	40.76 2.89 0.00	38.66 2.76 0.00	35.56 2.30 0.00	35.88 2.37 0.00
DANSKAMMER__2 23589	31.52 2.01 0.00	32.53 2.08 0.00	28.19 1.79 0.00	23.99 1.49 0.00	25.12 1.52 0.00	23.28 1.42 0.00	21.84 1.34 0.00	25.61 1.59 0.00	26.26 1.77 0.00	26.00 1.77 0.00	26.10 1.92 0.00	36.61 2.61 0.00	37.61 2.70 0.00	39.36 2.92 0.00	36.07 2.90 0.00	36.56 3.02 0.00	45.98 3.73 0.00	46.21 3.78 0.00	41.72 3.28 0.00	40.76 3.00 0.00	40.76 2.89 0.00	38.66 2.76 0.00	35.56 2.30 0.00	35.88 2.37 0.00
DANSKAMMER__3 23590	31.52 2.01 0.00	32.53 2.08 0.00	28.19 1.79 0.00	23.99 1.49 0.00	25.12 1.52 0.00	23.28 1.42 0.00	21.84 1.34 0.00	25.61 1.59 0.00	26.26 1.77 0.00	26.00 1.77 0.00	26.10 1.92 0.00	36.61 2.61 0.00	37.61 2.70 0.00	39.36 2.92 0.00	36.07 2.90 0.00	36.56 3.02 0.00	45.98 3.73 0.00	46.21 3.78 0.00	41.72 3.28 0.00	40.76 3.00 0.00	40.76 2.89 0.00	38.66 2.76 0.00	35.56 2.30 0.00	35.88 2.37 0.00

DANSKAMMER___4 23591	31.52 2.01 0.00	32.53 2.08 0.00	28.19 1.79 0.00	23.99 1.49 0.00	25.12 1.52 0.00	23.28 1.42 0.00	21.84 1.34 0.00	25.61 1.59 0.00	26.26 1.77 0.00	26.00 1.77 0.00	26.10 1.92 0.00	36.61 2.61 0.00	37.61 2.70 0.00	39.36 2.92 0.00	36.07 2.90 0.00	36.56 3.02 0.00	45.98 3.73 0.00	46.21 3.78 0.00	41.72 3.28 0.00	40.76 3.00 0.00	40.76 2.89 0.00	38.66 2.76 0.00	35.56 2.30 0.00	35.88 2.37 0.00
DANSKAMMER___DIESEL 23592	31.52 2.01 0.00	32.53 2.08 0.00	28.19 1.79 0.00	23.99 1.49 0.00	25.12 1.52 0.00	23.28 1.42 0.00	21.84 1.34 0.00	25.61 1.59 0.00	26.27 1.78 0.00	26.00 1.77 0.00	26.10 1.92 0.00	36.61 2.61 0.00	37.61 2.70 0.00	39.36 2.92 0.00	36.07 2.90 0.00	36.56 3.02 0.00	45.98 3.74 0.00	46.21 3.78 0.00	41.72 3.28 0.00	40.76 3.00 0.00	40.75 2.89 0.00	38.66 2.76 0.00	35.57 2.30 0.00	35.88 2.37 0.00
DARBY___SOLAR 323810	31.22 1.71 0.00	32.20 1.74 0.00	27.90 1.50 0.00	23.78 1.28 0.00	24.94 1.35 0.00	23.10 1.25 0.00	21.65 1.16 0.00	25.32 1.29 0.00	25.74 1.25 0.00	25.36 1.13 0.00	25.18 0.99 0.00	35.27 1.27 0.00	36.09 1.18 0.00	37.95 1.51 0.00	34.75 1.57 0.00	35.11 1.57 0.00	44.44 2.20 0.00	44.94 2.50 0.00	40.86 2.43 0.00	40.27 2.51 0.00	40.16 2.29 0.00	37.86 1.96 0.00	34.75 1.49 0.00	35.31 1.80 0.00
DASHVILLE___HYD 23610	31.17 1.65 0.00	32.17 1.72 0.00	27.88 1.48 0.00	23.72 1.22 0.00	24.84 1.24 0.00	23.02 1.16 0.00	21.60 1.10 0.00	25.33 1.30 0.00	26.01 1.52 0.00	25.78 1.55 0.00	25.90 1.72 0.00	36.37 2.38 0.00	37.32 2.40 0.00	38.97 2.53 0.00	35.75 2.58 0.00	36.24 2.70 0.00	45.54 3.30 0.00	45.73 3.29 0.00	41.23 2.79 0.00	40.25 2.49 0.00	40.24 2.37 0.00	38.21 2.31 0.00	35.19 1.93 0.00	35.55 2.04 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	32.05 2.53 0.00	33.59 3.14 0.00	30.23 2.68 -1.15	27.46 2.21 -2.74	26.96 2.26 -1.10	24.31 2.07 -0.39	22.34 1.84 0.00	26.20 2.18 0.00	27.18 2.69 0.00	26.70 2.47 0.00	26.78 2.59 0.00	37.56 3.56 0.00	39.34 4.43 0.00	41.06 4.62 0.00	37.22 4.05 0.00	38.33 4.79 0.00	54.36 5.84 -6.28	60.44 5.44 -12.56	42.37 3.93 0.00	40.29 3.28 0.75	40.16 3.14 0.84	39.00 3.10 0.00	36.43 3.17 0.00	37.25 3.74 0.00
DELAWARE___LFGE 323621	30.67 0.97 -0.19	31.62 0.97 -0.20	27.21 0.81 0.00	23.17 0.67 0.00	24.33 0.74 0.00	22.53 0.68 0.00	21.13 0.63 0.00	24.78 0.76 0.00	25.35 0.86 0.00	25.11 0.88 0.00	25.12 0.93 0.00	35.39 1.39 0.00	36.67 1.47 -0.29	38.39 1.56 -0.39	34.95 1.48 -0.29	35.39 1.55 -0.30	44.73 1.90 -0.59	44.90 1.87 -0.59	40.61 1.69 -0.48	39.85 1.63 -0.45	39.93 1.60 -0.46	37.82 1.52 -0.40	34.84 1.26 -0.31	35.06 1.23 -0.32
DERFIELD_115KV_TB7 355931	29.74 0.23 0.00	30.67 0.21 0.00	26.57 0.17 0.00	22.66 0.16 0.00	23.76 0.16 0.00	22.01 0.15 0.00	20.64 0.14 0.00	24.18 0.15 0.00	22.41 0.17 2.25	23.59 0.17 0.80	24.35 0.18 0.02	34.24 0.24 0.00	31.00 0.22 4.14	34.46 0.29 2.27	31.00 0.30 2.47	33.84 0.31 0.00	42.64 0.41 0.02	42.66 0.40 0.17	38.78 0.36 0.02	38.14 0.38 0.00	38.22 0.35 0.00	36.23 0.33 0.00	33.48 0.21 0.00	33.74 0.23 0.00
DOGLEVILLE___HYD 23807	30.25 0.73 0.00	31.21 0.75 0.00	27.00 0.60 0.00	23.04 0.54 0.00	24.15 0.56 0.00	22.39 0.53 0.00	20.96 0.46 0.00	24.34 0.32 0.00	22.34 0.10 2.25	23.45 0.03 0.80	24.19 0.02 0.02	34.09 0.09 0.00	30.66 -0.12 4.14	34.15 -0.02 2.27	30.85 0.15 2.47	33.70 0.16 0.00	42.58 0.35 0.02	42.91 0.64 0.17	39.35 0.93 0.02	38.91 1.15 0.00	39.10 1.23 0.00	37.06 1.16 0.00	33.98 0.71 0.00	34.27 0.75 0.00
DUNKIRK___115KV_TB_200 55889	30.29 0.78 0.00	30.99 0.54 0.00	26.54 0.14 0.00	22.52 0.01 0.00	23.63 0.03 0.00	21.80 -0.06 0.00	20.42 -0.08 0.00	24.29 0.26 0.00	24.93 0.45 0.00	24.79 0.56 0.00	24.59 0.40 0.00	35.37 1.38 0.00	36.86 1.94 0.00	38.37 1.94 0.00	34.78 1.61 0.00	35.35 1.82 0.00	44.28 2.04 0.00	44.64 2.20 0.00	40.13 1.69 0.00	39.31 1.55 0.00	39.69 1.83 0.00	37.70 1.80 0.00	34.64 1.37 0.00	34.59 1.08 0.00
DUNKIRK___1 23563	30.29 0.78 0.00	30.99 0.54 0.00	26.54 0.14 0.00	22.52 0.01 0.00	23.63 0.03 0.00	21.80 -0.06 0.00	20.42 -0.08 0.00	24.29 0.26 0.00	24.93 0.45 0.00	24.79 0.56 0.00	24.59 0.40 0.00	35.37 1.38 0.00	36.86 1.94 0.00	38.37 1.94 0.00	34.78 1.61 0.00	35.35 1.82 0.00	44.28 2.04 0.00	44.64 2.20 0.00	40.13 1.69 0.00	39.31 1.55 0.00	39.69 1.83 0.00	37.70 1.80 0.00	34.64 1.37 0.00	34.59 1.08 0.00
DUNKIRK___2 23564	30.29 0.78 0.00	30.99 0.54 0.00	26.54 0.14 0.00	22.52 0.01 0.00	23.63 0.03 0.00	21.80 -0.06 0.00	20.42 -0.08 0.00	24.29 0.26 0.00	24.93 0.45 0.00	24.79 0.56 0.00	24.59 0.40 0.00	35.37 1.38 0.00	36.86 1.94 0.00	38.37 1.94 0.00	34.78 1.61 0.00	35.35 1.82 0.00	44.28 2.04 0.00	44.64 2.20 0.00	40.13 1.69 0.00	39.31 1.55 0.00	39.69 1.83 0.00	37.70 1.80 0.00	34.64 1.37 0.00	34.59 1.08 0.00
DUNKIRK___3 23565	30.08 0.57 0.00	30.78 0.33 0.00	26.38 -0.02 0.00	22.40 -0.10 0.00	23.50 -0.09 0.00	21.68 -0.17 0.00	20.30 -0.19 0.00	24.14 0.11 0.00	24.79 0.30 0.00	24.65 0.42 0.00	24.44 0.25 0.00	35.14 1.14 0.00	36.61 1.69 0.00	38.11 1.67 0.00	34.58 1.41 0.00	35.14 1.61 0.00	44.00 1.76 0.00	44.36 1.93 0.00	39.88 1.44 0.00	39.08 1.32 0.00	39.40 1.53 0.00	37.40 1.50 0.00	34.39 1.12 0.00	34.37 0.85 0.00
DUNKIRK___4 23566	30.08 0.57 0.00	30.78 0.33 0.00	26.38 -0.02 0.00	22.40 -0.10 0.00	23.50 -0.09 0.00	21.68 -0.17 0.00	20.30 -0.19 0.00	24.14 0.11 0.00	24.79 0.30 0.00	24.65 0.42 0.00	24.44 0.25 0.00	35.14 1.14 0.00	36.61 1.69 0.00	38.11 1.67 0.00	34.58 1.41 0.00	35.14 1.61 0.00	44.00 1.76 0.00	44.36 1.93 0.00	39.88 1.44 0.00	39.08 1.32 0.00	39.40 1.53 0.00	37.40 1.50 0.00	34.39 1.12 0.00	34.37 0.85 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.42 1.91 0.00	32.45 1.99 0.00	28.15 1.75 0.00	23.96 1.46 0.00	25.07 1.48 0.00	23.22 1.37 0.00	21.77 1.28 0.00	25.52 1.50 0.00	26.19 1.70 0.00	25.94 1.71 0.00	26.07 1.88 0.00	36.52 2.53 0.00	37.50 2.58 0.00	39.16 2.72 0.00	35.90 2.73 0.00	36.37 2.84 0.00	45.61 3.37 0.00	45.74 3.31 0.00	41.31 2.87 0.00	40.35 2.59 0.00	40.36 2.50 0.00	38.35 2.46 0.00	35.37 2.10 0.00	35.79 2.28 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.23 1.71 0.00	32.22 1.77 0.00	27.93 1.52 0.00	23.77 1.26 0.00	24.88 1.28 0.00	23.06 1.20 0.00	21.63 1.14 0.00	25.37 1.34 0.00	26.02 1.53 0.00	25.76 1.53 0.00	25.85 1.66 0.00	36.26 2.27 0.00	37.26 2.34 0.00	38.98 2.54 0.00	35.71 2.54 0.00	36.19 2.66 0.00	45.50 3.26 0.00	45.72 3.28 0.00	41.29 2.85 0.00	40.35 2.59 0.00	40.36 2.50 0.00	38.30 2.40 0.00	35.26 1.99 0.00	35.58 2.07 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	31.61 2.10 0.00	32.63 2.17 0.00	28.33 1.94 0.00	24.11 1.61 0.00	25.21 1.62 0.00	23.38 1.52 0.00	21.92 1.42 0.00	25.69 1.67 0.00	26.36 1.87 0.00	26.11 1.88 0.00	26.24 2.05 0.00	36.65 2.65 0.00	37.59 2.68 0.00	39.23 2.80 0.00	36.03 2.86 0.00	36.51 2.97 0.00	45.64 3.40 0.00	45.74 3.30 0.00	41.34 2.91 0.00	40.38 2.62 0.00	40.37 2.51 0.00	38.35 2.45 0.00	35.40 2.13 0.00	35.95 2.44 0.00
E179THST_13_KV_LOAD 356214	31.82 2.31 0.00	32.85 2.39 0.00	28.51 2.11 0.00	24.25 1.75 0.00	25.36 1.77 0.00	23.51 1.65 0.00	22.05 1.55 0.00	25.84 1.81 0.00	26.53 2.04 0.00	26.26 2.03 0.00	26.40 2.21 0.00	36.88 2.89 0.00	37.84 2.93 0.00	39.49 3.06 0.00	36.27 3.10 0.00	36.77 3.24 0.00	45.96 3.72 0.00	46.07 3.64 0.00	41.64 3.20 0.00	40.66 2.90 0.00	40.66 2.79 0.00	38.63 2.73 0.00	35.64 2.38 0.00	36.21 2.70 0.00
EAST HAMPTON___GT 23717	32.01 2.50 0.00	33.63 3.18 0.00	30.17 2.62 -1.15	27.29 2.04 -2.75	26.78 2.09 -1.10	24.15 1.92 -0.39	22.20 1.70 0.00	26.19 2.17 0.00	27.28 2.79 0.00	26.77 2.54 0.00	26.84 2.65 0.00	37.82 3.83 0.00	39.98 5.06 0.00	41.75 5.32 0.00	37.50 4.33 0.00	38.99 5.46 0.00	55.25 6.72 -6.29	61.04 6.04 -12.57	42.32 3.88 0.00	40.14 3.13 0.75	40.09 3.06 0.84	39.04 3.14 0.00	36.87 3.60 0.00	37.85 4.34 0.00
EAST RIVER___6 23660	31.63 2.12 0.00	32.65 2.20 0.00	28.32 1.92 0.00	24.12 1.62 0.00	25.24 1.64 0.00	23.38 1.52 0.00	21.88 1.38 0.00	25.66 1.63 0.00	26.33 1.84 0.00	26.12 1.89 0.00	26.27 2.08 0.00	36.80 2.81 0.00	37.78 2.87 0.00	39.43 3.00 0.00	36.20 3.03 0.00	36.69 3.16 0.00	45.88 3.64 0.00	45.92 3.49 0.00	41.54 3.10 0.00	40.57 2.80 0.00	40.53 2.66 0.00	38.46 2.57 0.00	35.51 2.25 0.00	35.96 2.45 0.00
EAST RIVER___7 23524	31.63 2.12 0.00	32.65 2.20 0.00	28.32 1.92 0.00	24.12 1.62 0.00	25.24 1.64 0.00	23.38 1.52 0.00	21.88 1.38 0.00	25.66 1.63 0.00	26.33 1.84 0.00	26.12 1.89 0.00	26.27 2.08 0.00	36.80 2.81 0.00	37.78 2.87 0.00	39.43 3.00 0.00	36.20 3.03 0.00	36.69 3.16 0.00	45.88 3.64 0.00	45.92 3.49 0.00	41.54 3.10 0.00	40.57 2.80 0.00	40.53 2.66 0.00	38.46 2.57 0.00	35.51 2.25 0.00	35.96 2.45 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.35 1.83 0.00	32.37 1.92 0.00	28.08 1.68 0.00	23.90 1.40 0.00	25.02 1.42 0.00	23.18 1.32 0.00	21.73 1.23 0.00	25.47 1.45 0.00	26.14 1.65 0.00	25.88 1.65 0.00	26.00 1.81 0.00	36.42 2.43 0.00	37.40 2.49 0.00	39.09 2.65 0.00	35.82 2.65 0.00	36.30 2.76 0.00	45.52 3.28 0.00	45.67 3.23 0.00	41.24 2.80 0.00	40.28 2.52 0.00	40.30 2.43 0.00	38.28 2.39 0.00	35.29 2.02 0.00	35.70 2.19 0.00
EAST_HAMPTON___DIESEL 23722	31.93 2.42 0.00	33.57 3.11 0.00	30.11 2.56 -1.15	27.23 1.98 -2.75	26.72 2.02 -1.10	24.09 1.85 -0.39	22.14 1.65 0.00	26.14 2.12 0.00	27.24 2.75 0.00	26.73 2.51 0.00	26.80 2.61 0.00	37.78 3.79 0.00	39.98 5.06 0.00	41.77 5.33 0.00	37.47 4.30 0.00	39.00 5.46 0.00	55.27 6.74 -6.29	61.01 6.01 -12.57	42.24 3.80 0.00	40.04 3.03 0.75	40.02 2.99 0.84	38.97 3.07 0.00	36.84 3.57 0.00	37.85 4.34 0.00
EAST_POINT___SOLAR 323840	31.96 2.45 0.00	32.80 2.35 0.00	28.32 1.92 0.00	24.10 1.60 0.00	25.24 1.64 0.00	23.35 1.49 0.00	21.68 1.18 0.00	24.89 0.87 0.00	25.16 0.68 0.00	24.88 0.65 0.00	24.84 0.65 0.00	35.43 1.44 0.00	36.58 1.66 0.00	38.27 1.83 0.00	34.64 1.47 0.00	35.15 1.62 0.00	44.36 2.12 0.00	44.65 2.21 0.00	40.96 2.52 0.00	40.87 3.11 0.00	41.32 3.46 0.00	39.13 3.23 0.00	36.29 3.03 0.00	36.31 2.80 0.00
EAST_PULASKI___ESR 323781	31.18 -0.26 -1.93	32.08 -0.38 -2.01	25.95 -0.46 -0.01	22.06 -0.44 0.00	23.17 -0.42 0.00	21.43 -0.43 0.00	20.09 -0.41 0.00	23.57 -0.45 0.00	15.10 -0.43 8.96	20.73 -0.38 3.12	24.03 -0.40 -0.24	36.79 -0.45 -3.24	21.46 -0.43 13.03	30.98 -0.44 5.02	25.78 -0.53 6.86	36.09 -0.58 -3.13	47.27 -0.63 -5.66	46.70 -0.44 -4.70	42.67 -0.29 -4.53	41.99 -0.12 -4.35	42.15 -0.11 -4.40	39.68 -0.02 -3.81	36.07 -0.17 -2.97	36.22 -0.32 -3.03
EAST_RIVER___1 323558	31.59 2.08 0.00	32.61 2.16 0.00	28.29 1.89 0.00	24.09 1.59 0.00	25.20 1.61 0.00	23.34 1.48 0.00	21.88 1.38 0.00	25.65 1.62 0.00	26.32 1.83 0.00	26.10 1.87 0.00	26.25 2.06 0.00	36.77 2.77 0.00	37.75 2.84 0.00	39.40 2.96 0.00	36.15 2.98 0.00	36.63 3.10 0.00	45.83 3.59 0.00	45.90 3.47 0.00	41.48 3.04 0.00	40.50 2.74 0.00	40.47 2.60 0.00	38.45 2.56 0.00	35.51 2.24 0.00	35.97 2.46 0.00
EAST_RIVER___2 323559	31.63 2.12 0.00	32.65 2.20 0.00	28.32 1.92 0.00	24.12 1.62 0.00	25.24 1.64 0.00	23.38 1.52 0.00	21.88 1.38 0.00	25.66 1.63 0.00	26.33 1.84 0.00	26.12 1.89 0.00	26.27 2.08 0.00	36.80 2.81 0.00	37.78 2.87 0.00	39.43 3.00 0.00	36.20 3.03 0.00	36.69 3.16 0.00	45.88 3.64 0.00	45.92 3.49 0.00	41.54 3.10 0.00	40.57 2.80 0.00	40.53 2.66 0.00	38.46 2.57 0.00	35.51 2.25 0.00	35.96 2.45 0.00
EAST___DELAWARE_HYD 23607	30.49 0.98 0.00	31.42 0.97 0.00	27.21 0.82 0.00	23.14 0.64 0.00	24.23 0.64 0.00	22.45 0.59 0.00	21.06 0.56 0.00	24.69 0.67 0.00	25.32 0.83 0.00	25.08 0.85 0.00	25.20 1.01 0.00	35.47 1.47 0.00	36.33 1.41 0.00	38.00 1.56 0.00	34.96 1.79 0.00	35.42 1.89 0.00	44.63 2.39 0.00	44.93 2.49 0.00	40.57 2.13 0.00	39.70 1.93 0.00	39.67 1.80 0.00	37.59 1.70 0.00	34.58 1.32 0.00	34.85 1.34 0.00
EIGHT_POINT___WT_PWR 323820	30.25 0.51 -0.23	31.18 0.49 -0.24	26.48 0.08 0.00	22.51 0.00 0.00	23.64 0.05 0.00	21.82 -0.03 0.00	20.59 0.09 0.00	24.42 0.40 0.00	25.09 0.60 -0.01	24.88 0.64 -0.01	24.68 0.45 -0.04	35.53 1.13 -0.40	36.96 1.61 -0.43	38.47 1.55 -0.47	34.96 1.44 -0.36	35.46 1.56 -0.37	44.68 1.70 -0.74	45.13 1.96 -0.74	40.76 1.72 -0.60	40.18 1.85 -0.57	40.43 1.99 -0.57	38.33 1.93 -0.50	35.14 1.49 -0.39	35.19 1.28 -0.40
ELBRIDGE_115KV_TB2 80188	30.64 -0.03 -1.16	31.57 -0.09 -1.21	26.21 -0.20 -0.01	22.35 -0.16 0.00	23.45 -0.14 0.00	21.70 -0.15 0.00	20.35 -0.15 0.00	23.87 -0.15 0.00	22.32 -0.17 2.00	23.49 -0.08 0.66	24.28 -0.09 -0.18	36.08 0.03 -2.05	33.47 0.18 1.63	36.96 0.21 -0.31	32.94 0.26 0.49	35.75 0.32 -1.89	46.35 0.36 -3.74	46.45 0.47 -3.55	41.93 0.44 -3.04	41.06 0.40 -2.90	41.20 0.41 -2.93	38.74 0.31 -2.53	35.33 0.09 -1.98	35.56 0.03 -2.02
ELEC_TRO_TEK 24086	31.49 1.97 0.00	32.74 2.29 0.00	29.58 2.03 -1.15	27.00 1.76 -2.74	26.48 1.79 -1.10	23.90 1.66 -0.39	21.99 1.49 0.00	25.68 1.66 0.00	26.34 1.85 0.00	25.97 1.74 0.00	26.10 1.91 0.00	36.50 2.50 0.00	37.68 2.76 0.00	39.35 2.91 0.00	35.99 2.82 0.00	36.55 3.02 0.00	45.79 3.55 0.00	45.88 3.44 0.00	41.31 2.87 0.00	40.02 2.48 0.22	39.97 2.35 0.24	38.27 2.37 0.00	35.31 2.04 0.00	35.87 2.36 0.00

ELLENBURG_WT_PWR 323604	29.67 0.16 0.00	31.11 0.65 0.00	26.81 0.41 0.00	22.78 0.27 0.00	23.88 0.28 0.00	22.11 0.26 0.00	20.76 0.26 0.00	24.38 0.36 0.00	16.83 0.47 8.14	21.85 0.53 2.91	24.59 0.46 0.06	34.62 0.62 0.00	20.69 0.77 15.00	28.42 0.18 8.20	23.79 -0.44 8.94	32.55 -0.98 0.01	40.53 -1.65 0.06	39.24 -1.44 1.76	37.53 -0.85 0.06	37.48 -0.28 0.00	37.95 0.08 0.00	35.86 -0.04 0.00	32.65 -0.61 0.00	32.67 -0.84 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.79 0.28 0.00	30.44 -0.01 0.00	26.18 -0.22 0.00	22.26 -0.24 0.00	23.36 -0.24 0.00	21.54 -0.32 0.00	20.12 -0.38 0.00	23.91 -0.11 0.00	24.54 0.05 0.00	24.36 0.13 0.00	24.14 -0.05 0.00	34.62 0.62 0.00	36.15 1.23 0.00	37.61 1.17 0.00	34.12 0.95 0.00	34.65 1.12 0.00	43.35 1.11 0.00	43.88 1.45 0.00	39.46 1.02 0.00	38.75 0.99 0.00	39.00 1.14 0.00	36.94 1.04 0.00	34.04 0.77 0.00	34.03 0.52 0.00
EMPIRE_CC_1 323656	30.27 0.76 0.00	31.28 0.82 0.00	27.22 0.82 0.00	23.31 0.81 0.00	24.44 0.85 0.00	22.65 0.79 0.00	21.18 0.69 0.00	24.73 0.71 0.00	25.18 0.69 0.00	24.87 0.64 0.00	24.82 0.63 0.00	34.62 0.63 0.00	35.35 0.44 0.00	37.10 0.66 0.00	33.84 0.67 0.00	34.15 0.62 0.00	43.12 0.88 0.00	43.37 0.93 0.00	39.18 0.74 0.00	38.56 0.80 0.00	38.74 0.87 0.00	36.74 0.84 0.00	33.75 0.48 0.00	34.15 0.64 0.00
EMPIRE_CC_2 323658	30.27 0.76 0.00	31.28 0.82 0.00	27.22 0.82 0.00	23.31 0.81 0.00	24.44 0.85 0.00	22.65 0.79 0.00	21.18 0.69 0.00	24.73 0.71 0.00	25.18 0.69 0.00	24.87 0.64 0.00	24.82 0.63 0.00	34.62 0.63 0.00	35.35 0.44 0.00	37.10 0.66 0.00	33.84 0.67 0.00	34.15 0.62 0.00	43.12 0.88 0.00	43.37 0.93 0.00	39.18 0.74 0.00	38.56 0.80 0.00	38.74 0.87 0.00	36.74 0.84 0.00	33.75 0.48 0.00	34.15 0.64 0.00
ENORWICH_115KV_TB1 80156	32.00 2.05 -0.43	33.06 2.16 -0.45	28.14 1.74 0.00	24.01 1.51 0.00	25.27 1.67 0.00	23.37 1.52 0.00	22.04 1.54 0.00	26.88 2.85 0.00	27.51 3.02 -0.01	27.15 2.91 -0.01	27.09 2.85 -0.05	39.01 4.51 -0.50	38.83 3.15 -0.77	40.19 2.84 -0.91	36.54 2.68 -0.69	36.96 2.71 -0.71	47.18 3.56 -1.38	47.60 3.79 -1.38	43.37 3.81 -1.12	42.90 4.07 -1.06	43.17 4.23 -1.07	40.78 3.95 -0.93	37.27 3.28 -0.72	37.28 3.03 -0.74
ERIE_ST_34_KV_TB1-2 80199	30.06 0.55 0.00	30.71 0.25 0.00	26.35 -0.05 0.00	22.38 -0.12 0.00	23.48 -0.11 0.00	21.66 -0.20 0.00	20.23 -0.27 0.00	24.06 0.04 0.00	24.72 0.23 0.00	24.59 0.36 0.00	24.40 0.21 0.00	35.06 1.06 0.00	36.58 1.66 0.00	38.06 1.62 0.00	34.58 1.41 0.00	35.15 1.62 0.00	44.02 1.78 0.00	44.54 2.11 0.00	40.06 1.62 0.00	39.27 1.51 0.00	39.48 1.61 0.00	37.37 1.47 0.00	34.37 1.11 0.00	34.33 0.82 0.00
ERIE_WT_PWR 323693	30.00 0.48 0.00	30.64 0.18 0.00	26.33 -0.07 0.00	22.36 -0.13 0.00	23.47 -0.13 0.00	21.64 -0.21 0.00	20.22 -0.28 0.00	24.06 0.04 0.00	24.73 0.25 0.00	24.51 0.28 0.00	24.29 0.10 0.00	34.86 0.86 0.00	36.39 1.47 0.00	37.87 1.43 0.00	34.38 1.21 0.00	34.95 1.42 0.00	43.72 1.48 0.00	44.26 1.83 0.00	39.81 1.37 0.00	39.09 1.32 0.00	39.30 1.44 0.00	37.24 1.34 0.00	34.30 1.03 0.00	34.26 0.75 0.00
ESPRGFLD_115KV_TB1 80157	31.23 1.72 0.00	32.09 1.64 0.00	27.72 1.32 0.00	23.59 1.09 0.00	24.74 1.14 0.00	22.89 1.03 0.00	21.44 0.94 0.00	25.10 1.08 0.00	25.69 1.20 0.00	25.45 1.22 0.00	25.50 1.31 0.00	36.12 2.13 0.00	37.25 2.33 0.00	38.83 2.39 0.00	35.21 2.04 0.00	35.64 2.11 0.00	44.85 2.61 0.00	44.96 2.52 0.00	40.94 2.50 0.00	40.38 2.62 0.00	40.54 2.68 0.00	38.41 2.51 0.00	35.65 2.38 0.00	35.69 2.18 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.91 0.80 -0.60	31.84 0.76 -0.63	26.92 0.51 0.00	22.92 0.41 0.00	24.06 0.46 0.00	22.25 0.40 0.00	20.88 0.38 0.00	24.42 0.40 0.00	24.90 0.39 -0.02	24.67 0.40 -0.04	24.66 0.37 -0.10	35.81 0.73 -1.09	37.07 1.02 -1.14	38.81 1.11 -1.27	35.17 1.05 -0.95	35.66 1.14 -0.98	45.64 1.48 -1.92	45.95 1.60 -1.91	41.57 1.57 -1.56	40.89 1.65 -1.47	41.08 1.72 -1.49	38.78 1.60 -1.29	35.50 1.22 -1.01	35.62 1.09 -1.03
ETNA____115KV_TB2 80207	30.91 0.80 -0.60	31.84 0.76 -0.63	26.92 0.51 0.00	22.92 0.41 0.00	24.06 0.46 0.00	22.25 0.40 0.00	20.88 0.38 0.00	24.42 0.40 0.00	24.90 0.39 -0.02	24.67 0.40 -0.04	24.66 0.37 -0.10	35.81 0.73 -1.09	37.07 1.02 -1.14	38.81 1.11 -1.27	35.17 1.05 -0.95	35.66 1.14 -0.98	45.64 1.48 -1.92	45.95 1.60 -1.91	41.57 1.57 -1.56	40.89 1.65 -1.47	41.08 1.72 -1.49	38.78 1.60 -1.29	35.50 1.22 -1.01	35.62 1.09 -1.03
EUCLID____115KV_TB2 356179	29.77 -0.23 -0.49	30.65 -0.32 -0.52	26.06 -0.34 0.00	22.20 -0.30 0.00	23.30 -0.30 0.00	21.56 -0.29 0.00	20.23 -0.27 0.00	23.72 -0.31 0.00	21.45 -0.27 2.77	23.06 -0.20 0.97	24.04 -0.21 -0.05	34.68 -0.13 -0.81	30.69 -0.03 4.20	34.69 0.00 1.74	30.94 0.02 2.25	34.41 0.08 -0.80	43.92 0.08 -1.60	43.92 0.13 -1.35	39.86 0.12 -1.30	39.12 0.11 -1.25	39.20 0.07 -1.26	37.03 0.04 -1.09	33.98 -0.14 -0.85	34.14 -0.24 -0.87
E_CANADA_CAP_HY 24051	31.62 2.11 0.00	32.46 2.01 0.00	28.05 1.65 0.00	23.87 1.37 0.00	25.02 1.42 0.00	23.13 1.27 0.00	21.60 1.10 0.00	25.16 1.14 0.00	25.62 1.13 0.00	25.32 1.09 0.00	25.33 1.14 0.00	35.91 1.92 0.00	36.99 2.07 0.00	38.58 2.15 0.00	34.87 1.69 0.00	35.22 1.68 0.00	44.36 2.12 0.00	44.56 2.12 0.00	40.74 2.30 0.00	40.39 2.63 0.00	40.65 2.79 0.00	38.50 2.60 0.00	35.90 2.63 0.00	35.97 2.46 0.00
E_CANADA_MHWK_HY 24050	30.25 0.73 0.00	31.21 0.75 0.00	27.00 0.60 0.00	23.04 0.54 0.00	24.15 0.56 0.00	22.39 0.53 0.00	20.96 0.46 0.00	24.34 0.32 0.00	22.34 0.10 2.25	23.45 0.03 0.80	24.19 0.02 0.02	34.09 0.09 0.00	30.66 -0.12 4.14	34.15 -0.02 2.27	30.85 0.15 2.47	33.70 0.16 0.00	42.58 0.35 0.02	42.91 0.64 0.17	39.35 0.93 0.02	38.91 1.15 0.00	39.10 1.23 0.00	37.06 1.16 0.00	33.98 0.71 0.00	34.27 0.75 0.00
E_FISHKILL____LBMP 23776	31.07 1.56 0.00	32.09 1.64 0.00	27.84 1.44 0.00	23.71 1.20 0.00	24.82 1.22 0.00	23.00 1.14 0.00	21.57 1.07 0.00	25.26 1.24 0.00	25.89 1.40 0.00	25.63 1.40 0.00	25.70 1.51 0.00	35.98 1.98 0.00	36.91 1.99 0.00	38.60 2.17 0.00	35.36 2.19 0.00	35.79 2.25 0.00	44.94 2.70 0.00	45.12 2.68 0.00	40.77 2.33 0.00	39.86 2.10 0.00	39.90 2.03 0.00	37.89 1.99 0.00	34.91 1.64 0.00	35.31 1.79 0.00
FALCON____SEABRD_CC1 323796	29.77 0.25 0.00	31.21 0.75 0.00	26.92 0.52 0.00	22.88 0.37 0.00	23.96 0.37 0.00	22.20 0.34 0.00	20.84 0.35 0.00	24.47 0.45 0.00	16.89 0.56 8.15	21.91 0.60 2.91	24.68 0.55 0.06	34.74 0.74 0.00	20.76 0.88 15.04	28.50 0.28 8.21	23.87 -0.34 8.96	32.67 -0.86 0.01	40.61 -1.56 0.06	39.29 -1.38 1.77	37.52 -0.86 0.06	37.41 -0.35 0.00	37.95 0.09 0.00	35.92 0.02 0.00	32.80 -0.47 0.00	32.87 -0.64 0.00

FALCON___SEABRD_CC2 323797	29.77 0.25 0.00	31.21 0.75 0.00	26.92 0.52 0.00	22.88 0.37 0.00	23.96 0.37 0.00	22.20 0.34 0.00	20.84 0.35 0.00	24.47 0.45 0.00	16.89 0.56 8.15	21.91 0.60 2.91	24.68 0.55 0.06	34.74 0.74 0.00	20.76 0.88 15.04	28.50 0.28 8.21	23.87 -0.34 8.96	32.67 -0.86 0.01	40.61 -1.56 0.06	39.29 -1.38 1.77	37.52 -0.86 0.06	37.41 -0.35 0.00	37.95 0.09 0.00	35.92 0.02 0.00	32.80 -0.47 0.00	32.87 -0.64 0.00
FAR ROCKAWAY___4 23548	32.02 2.51 0.00	33.24 2.79 0.00	30.00 2.45 -1.15	27.36 2.12 -2.74	26.85 2.16 -1.10	24.25 2.01 -0.39	22.33 1.83 0.00	26.08 2.06 0.00	26.73 2.24 0.00	26.37 2.14 0.00	26.54 2.35 0.00	37.14 3.14 0.00	38.39 3.47 0.00	40.06 3.62 0.00	36.70 3.53 0.00	37.13 3.59 0.00	46.38 4.14 0.00	46.46 4.02 0.00	41.84 3.41 0.00	40.64 2.98 0.10	40.57 2.82 0.11	38.67 2.77 0.00	35.82 2.55 0.00	36.48 2.97 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.60 2.09 0.00	32.62 2.16 0.00	28.31 1.90 0.00	24.10 1.59 0.00	25.21 1.61 0.00	23.35 1.50 0.00	21.89 1.39 0.00	25.67 1.65 0.00	26.36 1.87 0.00	26.12 1.89 0.00	26.26 2.07 0.00	36.79 2.80 0.00	37.77 2.85 0.00	39.41 2.97 0.00	36.16 2.99 0.00	36.64 3.11 0.00	45.84 3.60 0.00	45.91 3.48 0.00	41.49 3.05 0.00	40.50 2.74 0.00	40.47 2.61 0.00	38.47 2.58 0.00	35.53 2.27 0.00	35.99 2.48 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.64 2.12 0.00	32.65 2.20 0.00	28.33 1.93 0.00	24.12 1.62 0.00	25.23 1.63 0.00	23.37 1.51 0.00	21.91 1.41 0.00	25.69 1.66 0.00	26.38 1.89 0.00	26.14 1.90 0.00	26.28 2.09 0.00	36.82 2.83 0.00	37.80 2.88 0.00	39.44 3.00 0.00	36.19 3.02 0.00	36.67 3.14 0.00	45.88 3.64 0.00	45.96 3.52 0.00	41.53 3.09 0.00	40.55 2.79 0.00	40.51 2.65 0.00	38.51 2.61 0.00	35.57 2.30 0.00	36.03 2.52 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.56 2.05 0.00	32.58 2.12 0.00	28.27 1.87 0.00	24.06 1.56 0.00	25.18 1.58 0.00	23.31 1.46 0.00	21.86 1.36 0.00	25.64 1.61 0.00	26.32 1.83 0.00	26.08 1.85 0.00	26.22 2.03 0.00	36.73 2.74 0.00	37.71 2.79 0.00	39.35 2.91 0.00	36.10 2.93 0.00	36.58 3.04 0.00	45.76 3.52 0.00	45.83 3.40 0.00	41.42 2.98 0.00	40.44 2.68 0.00	40.41 2.54 0.00	38.42 2.52 0.00	35.47 2.20 0.00	35.94 2.43 0.00
FARRAGUT___LBMP 323566	31.56 2.05 0.00	32.58 2.12 0.00	28.27 1.87 0.00	24.06 1.56 0.00	25.18 1.58 0.00	23.31 1.46 0.00	21.86 1.36 0.00	25.64 1.61 0.00	26.32 1.83 0.00	26.08 1.85 0.00	26.22 2.03 0.00	36.73 2.74 0.00	37.71 2.79 0.00	39.35 2.91 0.00	36.10 2.93 0.00	36.58 3.04 0.00	45.76 3.52 0.00	45.83 3.40 0.00	41.42 2.98 0.00	40.44 2.68 0.00	40.41 2.54 0.00	38.42 2.52 0.00	35.47 2.20 0.00	35.94 2.43 0.00
FENNER___WINDPWR 24204	30.70 0.74 -0.45	31.58 0.65 -0.47	26.87 0.46 0.00	22.90 0.40 0.00	24.02 0.42 0.00	22.27 0.41 0.00	20.88 0.38 0.00	24.49 0.46 0.00	21.03 0.48 3.93	23.37 0.52 1.39	24.76 0.53 -0.04	35.68 0.92 -0.77	29.48 0.97 6.41	34.49 1.06 3.01	30.50 0.94 3.61	35.29 1.02 -0.74	45.01 1.35 -1.42	44.90 1.41 -1.06	40.95 1.36 -1.15	40.33 1.45 -1.11	40.48 1.49 -1.13	38.22 1.35 -0.97	35.05 1.03 -0.76	35.19 0.90 -0.78
FIBERTEK___ENERGY 23856	30.71 0.14 -1.06	31.63 0.07 -1.11	26.37 -0.04 -0.01	22.46 -0.04 0.00	23.57 -0.02 0.00	21.81 -0.04 0.00	20.46 -0.03 0.00	24.01 -0.01 0.00	22.12 0.07 2.44	23.55 0.15 0.82	24.50 0.16 -0.16	36.22 0.39 -1.83	32.96 0.47 2.43	36.79 0.48 0.12	32.75 0.48 0.90	35.82 0.55 -1.73	46.41 0.65 -3.52	46.44 0.70 -3.31	41.94 0.64 -2.87	41.09 0.59 -2.74	41.19 0.56 -2.76	38.76 0.47 -2.39	35.37 0.24 -1.87	35.56 0.14 -1.90
FITZPATRICK____ 23598	22.37 -0.75 6.40	22.94 -0.83 6.67	25.59 -0.77 0.04	21.85 -0.65 0.00	22.94 -0.66 0.00	21.23 -0.63 0.00	19.92 -0.57 0.00	23.34 -0.69 0.00	23.62 -0.69 0.18	23.22 -0.65 0.35	22.50 -0.65 1.03	22.44 -0.81 10.75	22.33 -0.75 11.83	22.24 -0.77 13.43	22.42 -0.70 10.05	22.45 -0.67 10.42	21.56 -0.84 19.84	21.96 -0.78 19.70	21.69 -0.71 16.03	21.88 -0.70 15.18	21.83 -0.70 15.33	21.94 -0.69 13.28	22.14 -0.75 10.37	22.12 -0.82 10.57
FLOWRFLD_69_KV_BK1 356044	31.65 2.13 0.00	33.22 2.77 0.00	30.01 2.46 -1.15	27.38 2.13 -2.74	26.88 2.19 -1.10	24.25 2.02 -0.39	22.28 1.78 0.00	25.97 1.94 0.00	26.73 2.24 0.00	26.25 2.02 0.00	26.25 2.06 0.00	36.50 2.50 0.00	37.87 2.96 0.00	39.55 3.12 0.00	36.19 3.02 0.00	36.84 3.31 0.00	56.80 3.90 -10.66	67.56 3.81 -21.31	41.47 3.03 0.00	39.50 2.48 0.75	39.30 2.27 0.84	38.19 2.30 0.00	35.39 2.12 0.00	36.17 2.66 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.60 2.09 0.00	32.62 2.16 0.00	28.27 1.86 0.00	24.05 1.55 0.00	25.17 1.58 0.00	23.33 1.48 0.00	21.89 1.39 0.00	25.67 1.64 0.00	26.33 1.84 0.00	26.06 1.83 0.00	26.17 1.98 0.00	36.71 2.71 0.00	37.72 2.80 0.00	39.47 3.03 0.00	36.18 3.01 0.00	36.67 3.14 0.00	46.13 3.89 0.00	46.36 3.92 0.00	41.86 3.42 0.00	40.88 3.12 0.00	40.87 3.01 0.00	38.76 2.87 0.00	35.66 2.39 0.00	35.98 2.46 0.00
FORT ORANGE____ 23900	30.20 0.69 0.00	31.16 0.71 0.00	27.05 0.65 0.00	23.10 0.59 0.00	24.23 0.63 0.00	22.45 0.59 0.00	21.03 0.53 0.00	24.62 0.59 0.00	25.03 0.54 0.00	24.75 0.52 0.00	24.68 0.49 0.00	34.49 0.50 0.00	35.26 0.34 0.00	37.00 0.56 0.00	33.78 0.61 0.00	34.18 0.65 0.00	43.08 0.84 0.00	43.35 0.92 0.00	39.22 0.79 0.00	38.61 0.85 0.00	38.79 0.93 0.00	36.75 0.85 0.00	33.76 0.49 0.00	34.04 0.53 0.00
FORT_DRUM_COGEN 23780	30.40 -0.07 -0.96	31.19 -0.26 -1.00	25.93 -0.48 -0.01	21.91 -0.59 0.00	23.09 -0.51 0.00	21.37 -0.48 0.00	19.97 -0.53 0.00	23.53 -0.49 0.00	-3.17 -0.50 27.16	14.10 -0.46 9.67	23.59 -0.55 0.05	34.80 -0.80 -1.61	-14.35 -0.94 48.33	10.08 -1.00 25.36	3.72 -1.09 28.36	33.94 -1.14 -1.54	43.68 -1.22 -2.66	41.69 -0.69 0.06	40.25 -0.30 -2.10	40.20 0.25 -2.18	40.43 0.35 -2.21	38.02 0.21 -1.91	34.71 -0.04 -1.48	34.70 -0.33 -1.52
FOX_HILLS___ESR 323835	31.64 2.12 0.00	32.62 2.17 0.00	28.31 1.91 0.00	24.10 1.59 0.00	25.21 1.61 0.00	23.35 1.50 0.00	21.90 1.40 0.00	25.68 1.65 0.00	26.36 1.87 0.00	26.14 1.91 0.00	26.28 2.09 0.00	36.83 2.83 0.00	37.80 2.88 0.00	39.40 2.96 0.00	36.18 3.01 -0.01	36.62 3.09 0.00	45.71 3.47 0.00	45.76 3.32 0.00	41.40 2.96 0.00	40.50 2.73 0.00	40.48 2.61 0.00	38.55 2.65 0.00	37.39 2.34 -1.79	36.08 2.57 0.00
FPL FAR_ROCK_GT1 24212	32.02 2.51 0.00	33.24 2.79 0.00	29.99 2.44 -1.15	27.36 2.12 -2.75	26.85 2.16 -1.10	24.25 2.01 -0.39	22.32 1.83 0.00	26.07 2.05 0.00	26.71 2.22 0.00	26.37 2.14 0.00	26.54 2.35 0.00	37.14 3.14 0.00	38.39 3.47 0.00	40.06 3.63 0.00	36.70 3.53 0.00	37.13 3.59 0.00	46.39 4.14 0.00	46.46 4.02 0.00	41.84 3.40 0.00	40.64 2.98 0.10	40.57 2.82 0.11	38.67 2.77 0.00	35.82 2.55 0.00	36.48 2.97 0.00

FPL FAR_ROCK_GT2 23815	32.02 2.51 0.00	33.24 2.79 0.00	29.99 2.44 -1.15	27.36 2.12 -2.75	26.85 2.16 -1.10	24.25 2.01 -0.39	22.32 1.83 0.00	26.07 2.05 0.00	26.71 2.22 0.00	26.37 2.14 0.00	26.54 2.35 0.00	37.14 3.14 0.00	38.39 3.47 0.00	40.06 3.63 0.00	36.70 3.53 0.00	37.13 3.59 0.00	46.39 4.14 0.00	46.46 4.02 0.00	41.84 3.40 0.00	40.64 2.98 0.10	40.57 2.82 0.11	38.67 2.77 0.00	35.82 2.55 0.00	36.48 2.97 0.00
FRANKLIN_FALL_HYD 24054	29.12 -0.40 0.00	30.25 -0.21 0.00	26.25 -0.15 0.00	22.31 -0.20 0.00	23.36 -0.24 0.00	21.64 -0.22 0.00	20.31 -0.19 0.00	23.87 -0.15 0.00	-12.15 -0.18 36.45	11.03 -0.16 13.04	23.67 -0.24 0.28	33.62 -0.38 0.00	-32.58 -0.29 67.20	-0.93 -0.65 36.72	-7.86 -0.97 40.07	32.29 -1.22 0.03	40.29 -1.67 0.28	36.39 -1.53 4.52	37.09 -1.08 0.28	37.02 -0.74 0.00	37.31 -0.56 0.00	35.29 -0.61 0.00	32.64 -0.61 0.01	32.71 -0.80 0.00
FREEPORT_EQUS_GT1 23764	31.68 2.17 0.00	32.96 2.51 0.00	29.76 2.21 -1.15	27.18 1.93 -2.75	26.66 1.96 -1.10	24.06 1.82 -0.39	22.13 1.63 0.00	25.83 1.81 0.00	26.48 1.99 0.00	26.10 1.87 0.00	26.26 2.07 0.00	36.69 2.69 0.00	37.96 3.04 0.00	39.63 3.19 0.00	36.21 3.04 0.00	36.72 3.19 0.00	45.88 3.64 0.00	45.97 3.54 0.00	41.38 2.94 0.00	39.75 2.53 0.54	39.91 2.65 0.60	38.49 2.60 0.00	35.54 2.27 0.00	36.10 2.59 0.00
FREEPORT___CT2 23818	31.68 2.17 0.00	32.96 2.51 0.00	29.76 2.21 -1.15	27.18 1.93 -2.75	26.66 1.96 -1.10	24.06 1.82 -0.39	22.13 1.63 0.00	25.83 1.81 0.00	26.48 1.99 0.00	26.10 1.87 0.00	26.26 2.07 0.00	36.69 2.69 0.00	37.96 3.04 0.00	39.63 3.19 0.00	36.21 3.04 0.00	36.72 3.19 0.00	45.88 3.64 0.00	45.97 3.54 0.00	41.38 2.94 0.00	39.75 2.53 0.54	39.91 2.65 0.60	38.49 2.60 0.00	35.54 2.27 0.00	36.10 2.59 0.00
FRESHKLS_33_KV_LOAD 356253	31.59 2.08 0.00	32.57 2.11 0.00	28.26 1.86 0.00	24.06 1.55 0.00	25.16 1.56 0.00	23.31 1.45 0.00	21.86 1.37 0.00	25.64 1.62 0.00	26.32 1.83 0.00	26.10 1.87 0.00	26.24 2.05 0.00	36.78 2.78 0.00	37.79 2.87 0.00	39.38 2.95 0.00	36.20 3.03 -0.01	36.63 3.09 0.00	45.67 3.43 0.00	45.70 3.26 0.00	41.38 2.94 0.00	40.51 2.75 0.00	40.49 2.62 0.00	38.59 2.69 0.00	37.37 2.31 -1.79	36.04 2.53 0.00
FULTON COGEN____ 23766	31.38 -0.32 -2.19	32.33 -0.41 -2.29	25.98 -0.43 -0.01	22.13 -0.38 0.00	23.21 -0.38 0.00	21.49 -0.37 0.00	20.17 -0.33 0.00	23.61 -0.41 0.00	20.74 -0.38 3.37	22.78 -0.33 1.11	24.19 -0.33 -0.33	37.34 -0.34 -3.68	32.38 -0.28 2.25	37.33 -0.26 -1.16	32.60 -0.26 0.31	36.91 -0.20 -3.57	48.53 -0.20 -6.49	48.36 -0.16 -6.09	43.53 -0.11 -5.20	42.65 -0.06 -4.95	42.81 -0.06 -5.00	40.17 -0.06 -4.33	36.43 -0.21 -3.38	36.63 -0.32 -3.44
FULTON___LFGE 323630	33.36 3.84 0.00	34.20 3.75 0.00	29.44 3.04 0.00	25.05 2.55 0.00	26.21 2.61 0.00	24.21 2.36 0.00	22.37 1.87 0.00	25.03 1.00 0.00	25.07 0.58 0.00	24.50 0.27 0.00	24.62 0.43 0.00	35.03 1.03 0.00	35.40 0.48 0.00	37.41 0.97 0.00	34.19 1.02 0.00	34.21 0.67 0.00	43.68 1.44 0.00	45.13 2.69 0.00	42.96 4.52 0.00	43.30 5.54 0.00	43.78 5.91 0.00	41.41 5.51 0.00	38.18 4.91 0.00	37.98 4.47 0.00
G.F.CEMENT___DRP 24184	31.50 1.99 0.00	32.48 2.03 0.00	28.11 1.71 0.00	23.93 1.43 0.00	25.08 1.48 0.00	23.24 1.39 0.00	21.79 1.29 0.00	25.50 1.47 0.00	25.97 1.48 0.00	25.57 1.34 0.00	25.29 1.09 0.00	35.46 1.46 0.00	36.29 1.37 0.00	38.25 1.82 0.00	35.13 1.96 0.00	35.46 1.93 0.00	44.96 2.72 0.00	45.58 3.15 0.00	41.53 3.10 0.00	40.89 3.13 0.00	40.46 2.60 0.00	37.99 2.09 0.00	34.84 1.57 0.00	35.65 2.14 0.00
GARDENVILLE___LBMP 24039	29.89 0.38 0.00	30.55 0.09 0.00	26.25 -0.15 0.00	22.31 -0.19 0.00	23.41 -0.19 0.00	21.59 -0.27 0.00	20.17 -0.33 0.00	23.98 -0.05 0.00	24.61 0.12 0.00	24.44 0.21 0.00	24.22 0.03 0.00	34.76 0.76 0.00	36.28 1.36 0.00	37.75 1.31 0.00	34.26 1.09 0.00	34.81 1.27 0.00	43.54 1.30 0.00	44.05 1.62 0.00	39.62 1.18 0.00	38.89 1.13 0.00	39.14 1.28 0.00	37.09 1.19 0.00	34.16 0.89 0.00	34.13 0.62 0.00
GARDNVLA_35_KV_LD 355827	30.04 0.53 0.00	30.69 0.24 0.00	26.36 -0.04 0.00	22.39 -0.11 0.00	23.49 -0.10 0.00	21.67 -0.19 0.00	20.24 -0.26 0.00	24.06 0.04 0.00	24.70 0.21 0.00	24.54 0.31 0.00	24.34 0.15 0.00	34.94 0.94 0.00	36.49 1.57 0.00	37.97 1.53 0.00	34.49 1.32 0.00	35.06 1.52 0.00	43.86 1.62 0.00	44.41 1.98 0.00	39.93 1.49 0.00	39.20 1.44 0.00	39.41 1.54 0.00	37.33 1.43 0.00	34.36 1.10 0.00	34.32 0.81 0.00
GELCKHM___115KV_LOAD 80723	30.12 -0.09 -0.70	31.00 -0.18 -0.73	26.17 -0.23 0.00	22.30 -0.21 0.00	23.39 -0.20 0.00	21.65 -0.20 0.00	20.32 -0.18 0.00	23.83 -0.20 0.00	21.73 -0.14 2.63	23.24 -0.08 0.91	24.21 -0.07 -0.09	35.24 0.06 -1.18	31.57 0.16 3.50	35.48 0.18 1.13	31.62 0.19 1.73	34.93 0.26 -1.13	44.81 0.29 -2.28	44.83 0.35 -2.05	40.61 0.32 -1.86	39.83 0.29 -1.78	39.92 0.26 -1.79	37.65 0.20 -1.55	34.47 0.00 -1.21	34.65 -0.10 -1.24
GENERAL___MILLS 23808	29.97 0.45 0.00	30.61 0.16 0.00	26.31 -0.09 0.00	22.35 -0.15 0.00	23.45 -0.14 0.00	21.63 -0.22 0.00	20.21 -0.29 0.00	24.02 -0.01 0.00	24.65 0.16 0.00	24.49 0.26 0.00	24.28 0.09 0.00	34.84 0.84 0.00	36.37 1.46 0.00	37.85 1.41 0.00	34.36 1.19 0.00	34.93 1.39 0.00	43.69 1.45 0.00	44.22 1.79 0.00	39.77 1.33 0.00	39.05 1.28 0.00	39.27 1.40 0.00	37.21 1.31 0.00	34.26 1.00 0.00	34.23 0.72 0.00
GE_PLASTICS___DRP 24183	30.22 0.71 0.00	31.19 0.73 0.00	27.07 0.67 0.00	23.11 0.61 0.00	24.25 0.65 0.00	22.47 0.61 0.00	21.05 0.55 0.00	24.64 0.61 0.00	25.10 0.61 0.00	24.81 0.58 0.00	24.74 0.54 0.00	34.47 0.47 0.00	35.20 0.28 0.00	36.90 0.46 0.00	33.66 0.49 0.00	34.05 0.51 0.00	42.92 0.68 0.00	43.15 0.72 0.00	39.03 0.59 0.00	38.38 0.61 0.00	38.50 0.63 0.00	36.49 0.59 0.00	33.58 0.31 0.00	33.89 0.38 0.00
GILBOA___1 23756	30.31 0.80 0.00	31.29 0.83 0.00	27.12 0.72 0.00	23.13 0.62 0.00	24.33 0.73 0.00	22.53 0.68 0.00	21.13 0.63 0.00	24.69 0.67 0.00	25.19 0.70 0.00	24.93 0.70 0.00	24.92 0.73 0.00	34.95 0.95 0.00	35.85 0.93 0.00	37.51 1.07 0.00	34.25 1.08 0.00	34.64 1.11 0.00	43.62 1.37 0.00	43.74 1.31 0.00	39.58 1.14 0.00	38.89 1.13 0.00	38.98 1.12 0.00	36.97 1.08 0.00	34.07 0.81 0.00	34.39 0.88 0.00
GILBOA___2 23757	30.31 0.80 0.00	31.29 0.83 0.00	27.12 0.72 0.00	23.13 0.62 0.00	24.33 0.73 0.00	22.53 0.68 0.00	21.13 0.63 0.00	24.69 0.67 0.00	25.19 0.70 0.00	24.93 0.70 0.00	24.92 0.73 0.00	34.95 0.95 0.00	35.85 0.93 0.00	37.51 1.07 0.00	34.25 1.08 0.00	34.64 1.11 0.00	43.62 1.37 0.00	43.74 1.31 0.00	39.58 1.14 0.00	38.89 1.13 0.00	38.98 1.12 0.00	36.97 1.08 0.00	34.07 0.81 0.00	34.39 0.88 0.00

GILBOA___3 23758	30.31 0.80 0.00	31.29 0.83 0.00	27.12 0.72 0.00	23.13 0.62 0.00	24.33 0.73 0.00	22.53 0.68 0.00	21.13 0.63 0.00	24.69 0.67 0.00	25.19 0.70 0.00	24.93 0.70 0.00	24.92 0.73 0.00	34.95 0.95 0.00	35.85 0.93 0.00	37.51 1.07 0.00	34.25 1.08 0.00	34.64 1.11 0.00	43.62 1.37 0.00	43.74 1.31 0.00	39.58 1.14 0.00	38.89 1.13 0.00	38.98 1.12 0.00	36.97 1.08 0.00	34.07 0.81 0.00	34.39 0.88 0.00
GILBOA___4 23759	30.31 0.80 0.00	31.29 0.83 0.00	27.12 0.72 0.00	23.13 0.62 0.00	24.33 0.73 0.00	22.53 0.68 0.00	21.13 0.63 0.00	24.69 0.67 0.00	25.19 0.70 0.00	24.93 0.70 0.00	24.92 0.73 0.00	34.95 0.95 0.00	35.85 0.93 0.00	37.51 1.07 0.00	34.25 1.08 0.00	34.64 1.11 0.00	43.62 1.37 0.00	43.74 1.31 0.00	39.58 1.14 0.00	38.89 1.13 0.00	38.98 1.12 0.00	36.97 1.08 0.00	34.07 0.81 0.00	34.39 0.88 0.00
GILBOA___ 23599	30.31 0.80 0.00	31.29 0.83 0.00	27.12 0.72 0.00	23.13 0.62 0.00	24.33 0.73 0.00	22.53 0.68 0.00	21.13 0.63 0.00	24.70 0.67 0.00	25.20 0.70 0.00	24.93 0.70 0.00	24.92 0.73 0.00	34.95 0.95 0.00	35.85 0.93 0.00	37.51 1.07 0.00	34.25 1.08 0.00	34.64 1.11 0.00	43.62 1.38 0.00	43.74 1.31 0.00	39.58 1.14 0.00	38.89 1.13 0.00	38.99 1.12 0.00	36.97 1.08 0.00	34.07 0.81 0.00	34.39 0.88 0.00
GINNA___ 23603	28.62 -0.89 0.00	29.31 -1.15 0.00	25.29 -1.12 0.00	21.51 -0.99 0.00	22.56 -1.04 0.00	20.85 -1.01 0.00	19.50 -1.00 0.00	23.02 -1.00 0.00	23.59 -0.90 0.00	23.40 -0.83 0.00	23.32 -0.87 0.00	33.18 -0.82 0.00	34.42 -0.50 0.00	35.95 -0.49 0.00	32.69 -0.48 0.00	33.18 -0.36 0.00	41.75 -0.49 0.00	42.23 -0.20 0.00	38.17 -0.27 0.00	37.51 -0.25 0.00	37.57 -0.30 0.00	35.47 -0.43 0.00	32.61 -0.65 0.00	32.62 -0.89 0.00
GLEN PARK___ 23778	30.52 0.00 -1.01	31.30 -0.20 -1.05	25.97 -0.44 -0.01	21.95 -0.56 0.00	23.13 -0.47 0.00	21.40 -0.45 0.00	19.99 -0.50 0.00	23.55 -0.47 0.00	-1.76 -0.49 25.76	14.60 -0.46 9.17	23.59 -0.57 0.03	34.87 -0.82 -1.69	-11.70 -0.96 45.66	11.58 -1.01 23.85	5.32 -1.10 26.74	34.02 -1.15 -1.63	43.86 -1.20 -2.82	42.05 -0.63 -0.24	40.46 -0.21 -2.24	40.46 0.40 -2.30	40.74 0.55 -2.32	38.31 0.40 -2.01	34.93 0.11 -1.56	34.90 -0.21 -1.60
GLENDALE_27_KV_LOAD 356172	31.81 2.30 0.00	32.81 2.36 0.00	28.46 2.06 0.00	24.21 1.71 0.00	25.33 1.73 0.00	23.46 1.61 0.00	22.01 1.51 0.00	25.80 1.77 0.00	26.49 1.99 0.00	26.26 2.03 0.00	26.41 2.23 0.00	36.98 2.99 0.00	37.92 3.00 0.00	39.53 3.09 0.00	36.26 3.09 0.00	36.72 3.18 0.00	45.92 3.68 0.00	46.00 3.57 0.00	41.57 3.13 0.00	40.60 2.84 0.00	40.62 2.76 0.00	38.63 2.74 0.00	35.73 2.47 0.00	36.25 2.74 0.00
GLENWOOD_IC_1_G5 23712	31.67 2.16 0.00	32.93 2.48 0.00	29.74 2.19 -1.15	27.13 1.89 -2.74	26.62 1.93 -1.10	24.03 1.78 -0.39	22.11 1.61 0.00	25.83 1.81 0.00	26.51 2.02 0.00	26.13 1.90 0.00	26.28 2.09 0.00	36.75 2.76 0.00	37.99 3.07 0.00	39.74 3.30 0.00	36.02 2.85 0.00	36.63 3.10 0.00	45.94 3.70 0.00	46.02 3.59 0.00	41.44 3.00 0.00	40.01 2.57 0.33	39.96 2.46 0.36	38.60 2.70 0.00	35.59 2.32 0.00	36.13 2.62 0.00
GLENWOOD_IC_2_G1 23688	31.60 2.09 0.00	32.85 2.39 0.00	29.67 2.12 -1.15	27.07 1.82 -2.75	26.56 1.86 -1.10	23.97 1.73 -0.39	22.05 1.56 0.00	25.76 1.73 0.00	26.42 1.93 0.00	26.06 1.83 0.00	26.20 2.02 0.00	36.64 2.65 0.00	37.85 2.94 0.00	39.64 3.20 0.00	36.11 2.94 0.00	36.70 3.16 0.00	45.99 3.75 0.00	46.08 3.65 0.00	41.50 3.06 0.00	40.31 2.65 0.10	40.27 2.52 0.11	38.46 2.56 0.00	35.48 2.21 0.00	36.03 2.52 0.00
GLENWOOD_IC_3_G1 23689	31.60 2.09 0.00	32.85 2.39 0.00	29.67 2.12 -1.15	27.07 1.82 -2.75	26.56 1.86 -1.10	23.97 1.73 -0.39	22.05 1.56 0.00	25.76 1.73 0.00	26.42 1.93 0.00	26.06 1.83 0.00	26.20 2.02 0.00	36.64 2.65 0.00	37.85 2.94 0.00	39.64 3.20 0.00	36.11 2.94 0.00	36.70 3.16 0.00	45.99 3.75 0.00	46.08 3.65 0.00	41.50 3.06 0.00	40.31 2.65 0.10	40.27 2.52 0.11	38.46 2.56 0.00	35.48 2.21 0.00	36.03 2.52 0.00
GLENWOOD___4 23550	31.67 2.16 0.00	32.93 2.48 0.00	29.74 2.19 -1.15	27.13 1.89 -2.74	26.62 1.93 -1.10	24.03 1.78 -0.39	22.11 1.61 0.00	25.83 1.81 0.00	26.51 2.02 0.00	26.13 1.90 0.00	26.28 2.09 0.00	36.75 2.76 0.00	37.99 3.07 0.00	39.75 3.31 0.00	36.12 2.95 0.00	36.72 3.19 0.00	46.05 3.81 0.00	46.15 3.71 0.00	41.54 3.10 0.00	40.11 2.67 0.33	40.06 2.56 0.36	38.60 2.70 0.00	35.59 2.32 0.00	36.13 2.62 0.00
GLENWOOD___5 23614	31.67 2.16 0.00	32.93 2.48 0.00	29.74 2.19 -1.15	27.13 1.89 -2.74	26.62 1.93 -1.10	24.03 1.78 -0.39	22.11 1.61 0.00	25.83 1.81 0.00	26.51 2.02 0.00	26.13 1.90 0.00	26.28 2.09 0.00	36.75 2.76 0.00	37.99 3.07 0.00	39.75 3.31 0.00	36.12 2.95 0.00	36.72 3.19 0.00	46.05 3.81 0.00	46.15 3.71 0.00	41.54 3.10 0.00	40.11 2.67 0.33	40.06 2.56 0.36	38.60 2.70 0.00	35.59 2.32 0.00	36.13 2.62 0.00
GLOBAL GREEN_PORT_GT1 23814	32.22 2.70 0.00	33.79 3.34 0.00	30.35 2.80 -1.15	27.50 2.26 -2.75	27.00 2.30 -1.10	24.36 2.12 -0.39	22.39 1.89 0.00	26.34 2.32 0.00	27.38 2.89 0.00	26.89 2.66 0.00	26.96 2.78 0.00	37.93 3.93 0.00	39.91 4.99 0.00	41.67 5.23 0.00	37.61 4.44 0.00	38.93 5.40 0.00	55.19 6.66 -6.30	61.13 6.11 -12.58	42.68 4.23 0.00	40.52 3.51 0.75	40.42 3.39 0.84	39.29 3.39 0.00	36.89 3.62 0.00	37.79 4.27 0.00
GLOBE___DSASP 323697	28.81 -0.70 0.00	29.43 -1.02 0.00	25.38 -1.02 0.00	21.70 -0.80 0.00	22.79 -0.80 0.00	21.01 -0.85 0.00	19.60 -0.90 0.00	23.28 -0.74 0.00	23.87 -0.62 0.00	23.65 -0.58 0.00	23.37 -0.82 0.00	33.48 -0.51 0.00	35.01 0.09 0.00	36.40 -0.04 0.00	32.96 -0.21 0.00	33.52 -0.02 0.00	41.77 -0.47 0.00	42.22 -0.22 0.00	37.97 -0.47 0.00	37.34 -0.42 0.00	37.63 -0.23 0.00	35.63 -0.27 0.00	32.90 -0.36 0.00	33.09 -0.42 0.00
GOETHSLN___LBMP 323567	31.42 1.91 0.00	32.44 1.98 0.00	28.15 1.75 0.00	23.97 1.47 0.00	25.06 1.47 0.00	23.22 1.37 0.00	21.78 1.28 0.00	25.54 1.52 0.00	26.23 1.74 0.00	26.00 1.77 0.00	26.11 1.92 0.00	36.58 2.58 0.00	37.57 2.66 0.00	39.23 2.79 0.00	36.00 2.83 0.00	36.49 2.96 0.00	45.64 3.40 0.00	45.70 3.26 0.00	41.30 2.86 0.00	40.32 2.56 0.00	40.26 2.40 0.00	38.24 2.34 0.00	35.29 2.03 0.00	35.02 2.23 0.71
GOLAH___69_KV_TB 1_2 80279	30.18 0.67 0.00	30.86 0.41 0.00	26.60 0.20 0.00	22.62 0.12 0.00	23.72 0.12 0.00	21.90 0.04 0.00	20.47 -0.03 0.00	24.20 0.18 0.00	24.78 0.29 0.00	24.58 0.35 0.00	24.44 0.24 0.00	34.84 0.84 0.00	36.27 1.35 0.00	37.83 1.39 0.00	34.38 1.21 0.00	34.90 1.37 0.00	43.82 1.58 0.00	44.37 1.94 0.00	40.08 1.64 0.00	39.43 1.67 0.00	39.67 1.81 0.00	37.46 1.56 0.00	34.41 1.14 0.00	34.38 0.87 0.00

GOODYEAR_LAKE_HYD 323669	30.82 1.30 0.00	31.73 1.28 0.00	27.45 1.05 0.00	23.37 0.86 0.00	24.52 0.93 0.00	22.70 0.85 0.00	21.29 0.79 0.00	24.98 0.95 0.00	25.58 1.09 0.00	25.35 1.12 0.00	25.38 1.19 0.00	35.85 1.85 0.00	36.92 2.00 0.00	38.54 2.10 0.00	35.09 1.92 0.00	35.52 1.99 0.00	44.70 2.46 0.00	44.84 2.40 0.00	40.68 2.24 0.00	39.99 2.22 0.00	40.07 2.21 0.00	37.97 2.08 0.00	35.08 1.81 0.00	35.20 1.69 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.36 0.43 -0.42	31.31 0.42 -0.44	26.60 0.20 0.00	22.63 0.12 0.00	23.75 0.15 0.00	21.98 0.12 0.00	20.64 0.14 0.00	24.26 0.24 0.00	24.83 0.32 -0.01	24.67 0.42 -0.02	24.65 0.39 -0.07	35.56 0.86 -0.70	36.72 1.03 -0.78	38.38 1.06 -0.88	34.87 1.04 -0.66	35.35 1.14 -0.68	44.90 1.34 -1.32	45.02 1.28 -1.31	40.59 1.08 -1.07	39.78 1.00 -1.01	39.90 1.02 -1.02	37.81 1.03 -0.88	34.70 0.75 -0.69	34.87 0.66 -0.70
GOUDEY___7 23579	30.39 0.46 -0.42	31.33 0.44 -0.44	26.62 0.22 0.00	22.65 0.15 0.00	23.77 0.17 0.00	22.00 0.14 0.00	20.65 0.15 0.00	24.29 0.26 0.00	24.85 0.35 -0.01	24.69 0.44 -0.02	24.68 0.42 -0.07	35.60 0.90 -0.70	36.76 1.07 -0.78	38.42 1.11 -0.88	34.92 1.09 -0.66	35.40 1.19 -0.68	44.96 1.40 -1.32	45.08 1.34 -1.31	40.65 1.14 -1.07	39.82 1.05 -1.01	39.94 1.06 -1.02	37.85 1.07 -0.88	34.75 0.79 -0.69	34.91 0.69 -0.70
GOUDEY___8 23580	30.36 0.43 -0.42	31.31 0.42 -0.44	26.60 0.20 0.00	22.63 0.12 0.00	23.75 0.15 0.00	21.98 0.12 0.00	20.64 0.14 0.00	24.26 0.24 0.00	24.83 0.32 -0.01	24.67 0.42 -0.02	24.65 0.39 -0.07	35.56 0.86 -0.70	36.72 1.03 -0.78	38.38 1.06 -0.88	34.87 1.04 -0.66	35.35 1.14 -0.68	44.90 1.34 -1.32	45.02 1.28 -1.31	40.59 1.08 -1.07	39.78 1.00 -1.01	39.90 1.02 -1.02	37.81 1.03 -0.88	34.70 0.75 -0.69	34.87 0.66 -0.70
GOWANUS_GT1_1 24077	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.73 0.00	26.44 1.95 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.51 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.19 2.68 0.00
GOWANUS_GT1_2 24078	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.73 0.00	26.44 1.95 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.51 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.19 2.68 0.00
GOWANUS_GT1_3 24079	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.73 0.00	26.44 1.95 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.51 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.19 2.68 0.00
GOWANUS_GT1_4 24080	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.73 0.00	26.44 1.95 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.51 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.19 2.68 0.00
GOWANUS_GT1_5 24084	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.73 0.00	26.44 1.95 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.51 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.19 2.68 0.00
GOWANUS_GT1_6 24111	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.73 0.00	26.44 1.95 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.51 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.19 2.68 0.00
GOWANUS_GT1_7 24112	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.73 0.00	26.44 1.95 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.51 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.19 2.68 0.00
GOWANUS_GT1_8 24113	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.73 0.00	26.44 1.95 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.51 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.19 2.68 0.00
GOWANUS_GT2_1 24114	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.72 0.00	26.42 1.93 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.52 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.18 2.67 0.00
GOWANUS_GT2_2 24115	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.72 0.00	26.42 1.93 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.52 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.18 2.67 0.00
GOWANUS_GT2_3 24116	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.72 0.00	26.42 1.93 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.52 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.18 2.67 0.00

GOWANUS_GT2_4 24117	31.73 <u>2.22</u> 0.00	32.72 <u>2.27</u> 0.00	28.41 <u>2.01</u> 0.00	24.17 <u>1.67</u> 0.00	25.28 <u>1.68</u> 0.00	23.42 <u>1.56</u> 0.00	21.96 <u>1.46</u> 0.00	25.75 <u>1.72</u> 0.00	26.42 <u>1.93</u> 0.00	26.22 <u>1.99</u> 0.00	26.37 <u>2.18</u> 0.00	36.93 <u>2.93</u> 0.00	37.88 <u>2.96</u> 0.00	39.49 <u>3.05</u> 0.00	36.25 <u>3.07</u> -0.01	36.69 <u>3.16</u> 0.00	45.84 <u>3.60</u> 0.00	45.93 <u>3.49</u> 0.00	41.52 <u>3.08</u> 0.00	40.58 <u>2.82</u> 0.00	40.56 <u>2.70</u> 0.00	38.60 <u>2.70</u> 0.00	37.48 <u>2.42</u> -1.79	36.18 <u>2.67</u> 0.00
GOWANUS_GT2_5 24118	31.73 <u>2.22</u> 0.00	32.72 <u>2.27</u> 0.00	28.41 <u>2.01</u> 0.00	24.17 <u>1.67</u> 0.00	25.28 <u>1.68</u> 0.00	23.42 <u>1.56</u> 0.00	21.96 <u>1.46</u> 0.00	25.75 <u>1.72</u> 0.00	26.42 <u>1.93</u> 0.00	26.22 <u>1.99</u> 0.00	26.37 <u>2.18</u> 0.00	36.93 <u>2.93</u> 0.00	37.88 <u>2.96</u> 0.00	39.49 <u>3.05</u> 0.00	36.25 <u>3.07</u> -0.01	36.69 <u>3.16</u> 0.00	45.84 <u>3.60</u> 0.00	45.93 <u>3.49</u> 0.00	41.52 <u>3.08</u> 0.00	40.58 <u>2.82</u> 0.00	40.56 <u>2.70</u> 0.00	38.60 <u>2.70</u> 0.00	37.48 <u>2.42</u> -1.79	36.18 <u>2.67</u> 0.00
GOWANUS_GT2_6 24119	31.73 <u>2.22</u> 0.00	32.72 <u>2.27</u> 0.00	28.41 <u>2.01</u> 0.00	24.17 <u>1.67</u> 0.00	25.28 <u>1.68</u> 0.00	23.42 <u>1.56</u> 0.00	21.96 <u>1.46</u> 0.00	25.75 <u>1.72</u> 0.00	26.42 <u>1.93</u> 0.00	26.22 <u>1.99</u> 0.00	26.37 <u>2.18</u> 0.00	36.93 <u>2.93</u> 0.00	37.88 <u>2.96</u> 0.00	39.49 <u>3.05</u> 0.00	36.25 <u>3.07</u> -0.01	36.69 <u>3.16</u> 0.00	45.84 <u>3.60</u> 0.00	45.93 <u>3.49</u> 0.00	41.52 <u>3.08</u> 0.00	40.58 <u>2.82</u> 0.00	40.56 <u>2.70</u> 0.00	38.60 <u>2.70</u> 0.00	37.48 <u>2.42</u> -1.79	36.18 <u>2.67</u> 0.00
GOWANUS_GT2_7 24120	31.73 <u>2.22</u> 0.00	32.72 <u>2.27</u> 0.00	28.41 <u>2.01</u> 0.00	24.17 <u>1.67</u> 0.00	25.28 <u>1.68</u> 0.00	23.42 <u>1.56</u> 0.00	21.96 <u>1.46</u> 0.00	25.75 <u>1.72</u> 0.00	26.42 <u>1.93</u> 0.00	26.22 <u>1.99</u> 0.00	26.37 <u>2.18</u> 0.00	36.93 <u>2.93</u> 0.00	37.88 <u>2.96</u> 0.00	39.49 <u>3.05</u> 0.00	36.25 <u>3.07</u> -0.01	36.69 <u>3.16</u> 0.00	45.84 <u>3.60</u> 0.00	45.93 <u>3.49</u> 0.00	41.52 <u>3.08</u> 0.00	40.58 <u>2.82</u> 0.00	40.56 <u>2.70</u> 0.00	38.60 <u>2.70</u> 0.00	37.48 <u>2.42</u> -1.79	36.18 <u>2.67</u> 0.00
GOWANUS_GT2_8 24121	31.73 <u>2.22</u> 0.00	32.72 <u>2.27</u> 0.00	28.41 <u>2.01</u> 0.00	24.17 <u>1.67</u> 0.00	25.28 <u>1.68</u> 0.00	23.42 <u>1.56</u> 0.00	21.96 <u>1.46</u> 0.00	25.75 <u>1.72</u> 0.00	26.42 <u>1.93</u> 0.00	26.22 <u>1.99</u> 0.00	26.37 <u>2.18</u> 0.00	36.93 <u>2.93</u> 0.00	37.88 <u>2.96</u> 0.00	39.49 <u>3.05</u> 0.00	36.25 <u>3.07</u> -0.01	36.69 <u>3.16</u> 0.00	45.84 <u>3.60</u> 0.00	45.93 <u>3.49</u> 0.00	41.52 <u>3.08</u> 0.00	40.58 <u>2.82</u> 0.00	40.56 <u>2.70</u> 0.00	38.60 <u>2.70</u> 0.00	37.48 <u>2.42</u> -1.79	36.18 <u>2.67</u> 0.00
GOWANUS_GT3_1 24122	31.73 <u>2.22</u> 0.00	32.72 <u>2.27</u> 0.00	28.41 <u>2.01</u> 0.00	24.17 <u>1.67</u> 0.00	25.28 <u>1.68</u> 0.00	23.42 <u>1.56</u> 0.00	21.96 <u>1.46</u> 0.00	25.75 <u>1.72</u> 0.00	26.42 <u>1.93</u> 0.00	26.22 <u>1.99</u> 0.00	26.37 <u>2.18</u> 0.00	36.93 <u>2.93</u> 0.00	37.88 <u>2.96</u> 0.00	39.49 <u>3.05</u> 0.00	36.25 <u>3.07</u> -0.01	36.69 <u>3.16</u> 0.00	45.84 <u>3.60</u> 0.00	45.93 <u>3.49</u> 0.00	41.52 <u>3.08</u> 0.00	40.58 <u>2.82</u> 0.00	40.56 <u>2.70</u> 0.00	38.60 <u>2.70</u> 0.00	37.48 <u>2.42</u> -1.79	36.18 <u>2.67</u> 0.00
GOWANUS_GT3_2 24123	31.73 <u>2.22</u> 0.00	32.72 <u>2.27</u> 0.00	28.41 <u>2.01</u> 0.00	24.17 <u>1.67</u> 0.00	25.28 <u>1.68</u> 0.00	23.42 <u>1.56</u> 0.00	21.96 <u>1.46</u> 0.00	25.75 <u>1.72</u> 0.00	26.42 <u>1.93</u> 0.00	26.22 <u>1.99</u> 0.00	26.37 <u>2.18</u> 0.00	36.93 <u>2.93</u> 0.00	37.88 <u>2.96</u> 0.00	39.49 <u>3.05</u> 0.00	36.25 <u>3.07</u> -0.01	36.69 <u>3.16</u> 0.00	45.84 <u>3.60</u> 0.00	45.93 <u>3.49</u> 0.00	41.52 <u>3.08</u> 0.00	40.58 <u>2.82</u> 0.00	40.56 <u>2.70</u> 0.00	38.60 <u>2.70</u> 0.00	37.48 <u>2.42</u> -1.79	36.18 <u>2.67</u> 0.00
GOWANUS_GT3_3 24124	31.73 <u>2.22</u> 0.00	32.72 <u>2.27</u> 0.00	28.41 <u>2.01</u> 0.00	24.17 <u>1.67</u> 0.00	25.28 <u>1.68</u> 0.00	23.42 <u>1.56</u> 0.00	21.96 <u>1.46</u> 0.00	25.75 <u>1.72</u> 0.00	26.42 <u>1.93</u> 0.00	26.22 <u>1.99</u> 0.00	26.37 <u>2.18</u> 0.00	36.93 <u>2.93</u> 0.00	37.88 <u>2.96</u> 0.00	39.49 <u>3.05</u> 0.00	36.25 <u>3.07</u> -0.01	36.69 <u>3.16</u> 0.00	45.84 <u>3.60</u> 0.00	45.93 <u>3.49</u> 0.00	41.52 <u>3.08</u> 0.00	40.58 <u>2.82</u> 0.00	40.56 <u>2.70</u> 0.00	38.60 <u>2.70</u> 0.00	37.48 <u>2.42</u> -1.79	36.18 <u>2.67</u> 0.00
GOWANUS_GT3_4 24125	31.73 <u>2.22</u> 0.00	32.72 <u>2.27</u> 0.00	28.41 <u>2.01</u> 0.00	24.17 <u>1.67</u> 0.00	25.28 <u>1.68</u> 0.00	23.42 <u>1.56</u> 0.00	21.96 <u>1.46</u> 0.00	25.75 <u>1.72</u> 0.00	26.42 <u>1.93</u> 0.00	26.22 <u>1.99</u> 0.00	26.37 <u>2.18</u> 0.00	36.93 <u>2.93</u> 0.00	37.88 <u>2.96</u> 0.00	39.49 <u>3.05</u> 0.00	36.25 <u>3.07</u> -0.01	36.69 <u>3.16</u> 0.00	45.84 <u>3.60</u> 0.00	45.93 <u>3.49</u> 0.00	41.52 <u>3.08</u> 0.00	40.58 <u>2.82</u> 0.00	40.56 <u>2.70</u> 0.00	38.60 <u>2.70</u> 0.00	37.48 <u>2.42</u> -1.79	36.18 <u>2.67</u> 0.00
GOWANUS_GT3_5 24126	31.73 <u>2.22</u> 0.00	32.72 <u>2.27</u> 0.00	28.41 <u>2.01</u> 0.00	24.17 <u>1.67</u> 0.00	25.28 <u>1.68</u> 0.00	23.42 <u>1.56</u> 0.00	21.96 <u>1.46</u> 0.00	25.75 <u>1.72</u> 0.00	26.42 <u>1.93</u> 0.00	26.22 <u>1.99</u> 0.00	26.37 <u>2.18</u> 0.00	36.93 <u>2.93</u> 0.00	37.88 <u>2.96</u> 0.00	39.49 <u>3.05</u> 0.00	36.25 <u>3.07</u> -0.01	36.69 <u>3.16</u> 0.00	45.84 <u>3.60</u> 0.00	45.93 <u>3.49</u> 0.00	41.52 <u>3.08</u> 0.00	40.58 <u>2.82</u> 0.00	40.56 <u>2.70</u> 0.00	38.60 <u>2.70</u> 0.00	37.48 <u>2.42</u> -1.79	36.18 <u>2.67</u> 0.00
GOWANUS_GT3_6 24127	31.73 <u>2.22</u> 0.00	32.72 <u>2.27</u> 0.00	28.41 <u>2.01</u> 0.00	24.17 <u>1.67</u> 0.00	25.28 <u>1.68</u> 0.00	23.42 <u>1.56</u> 0.00	21.96 <u>1.46</u> 0.00	25.75 <u>1.72</u> 0.00	26.42 <u>1.93</u> 0.00	26.22 <u>1.99</u> 0.00	26.37 <u>2.18</u> 0.00	36.93 <u>2.93</u> 0.00	37.88 <u>2.96</u> 0.00	39.49 <u>3.05</u> 0.00	36.25 <u>3.07</u> -0.01	36.69 <u>3.16</u> 0.00	45.84 <u>3.60</u> 0.00	45.93 <u>3.49</u> 0.00	41.52 <u>3.08</u> 0.00	40.58 <u>2.82</u> 0.00	40.56 <u>2.70</u> 0.00	38.60 <u>2.70</u> 0.00	37.48 <u>2.42</u> -1.79	36.18 <u>2.67</u> 0.00
GOWANUS_GT3_7 24128	31.73 <u>2.22</u> 0.00	32.72 <u>2.27</u> 0.00	28.41 <u>2.01</u> 0.00	24.17 <u>1.67</u> 0.00	25.28 <u>1.68</u> 0.00	23.42 <u>1.56</u> 0.00	21.96 <u>1.46</u> 0.00	25.75 <u>1.72</u> 0.00	26.42 <u>1.93</u> 0.00	26.22 <u>1.99</u> 0.00	26.37 <u>2.18</u> 0.00	36.93 <u>2.93</u> 0.00	37.88 <u>2.96</u> 0.00	39.49 <u>3.05</u> 0.00	36.25 <u>3.07</u> -0.01	36.69 <u>3.16</u> 0.00	45.84 <u>3.60</u> 0.00	45.93 <u>3.49</u> 0.00	41.52 <u>3.08</u> 0.00	40.58 <u>2.82</u> 0.00	40.56 <u>2.70</u> 0.00	38.60 <u>2.70</u> 0.00	37.48 <u>2.42</u> -1.79	36.18 <u>2.67</u> 0.00
GOWANUS_GT3_8 24129	31.73 <u>2.22</u> 0.00	32.72 <u>2.27</u> 0.00	28.41 <u>2.01</u> 0.00	24.17 <u>1.67</u> 0.00	25.28 <u>1.68</u> 0.00	23.42 <u>1.56</u> 0.00	21.96 <u>1.46</u> 0.00	25.75 <u>1.72</u> 0.00	26.42 <u>1.93</u> 0.00	26.22 <u>1.99</u> 0.00	26.37 <u>2.18</u> 0.00	36.93 <u>2.93</u> 0.00	37.88 <u>2.96</u> 0.00	39.49 <u>3.05</u> 0.00	36.25 <u>3.07</u> -0.01	36.69 <u>3.16</u> 0.00	45.84 <u>3.60</u> 0.00	45.93 <u>3.49</u> 0.00	41.52 <u>3.08</u> 0.00	40.58 <u>2.82</u> 0.00	40.56 <u>2.70</u> 0.00	38.60 <u>2.70</u> 0.00	37.48 <u>2.42</u> -1.79	36.18 <u>2.67</u> 0.00
GOWANUS_GT4_1 24130	31.73 <u>2.22</u> 0.00	32.72 <u>2.27</u> 0.00	28.41 <u>2.01</u> 0.00	24.17 <u>1.67</u> 0.00	25.28 <u>1.68</u> 0.00	23.42 <u>1.56</u> 0.00	21.96 <u>1.46</u> 0.00	25.75 <u>1.73</u> 0.00	26.44 <u>1.95</u> 0.00	26.22 <u>1.99</u> 0.00	26.37 <u>2.18</u> 0.00	36.93 <u>2.93</u> 0.00	37.88 <u>2.96</u> 0.00	39.49 <u>3.05</u> 0.00	36.25 <u>3.07</u> -0.01	36.69 <u>3.16</u> 0.00	45.84 <u>3.60</u> 0.00	45.93 <u>3.49</u> 0.00	41.51 <u>3.08</u> 0.00	40.58 <u>2.82</u> 0.00	40.56 <u>2.70</u> 0.00	38.60 <u>2.70</u> 0.00	37.48 <u>2.42</u> -1.79	36.19 <u>2.68</u> 0.00
GOWANUS_GT4_2 24131	31.73 <u>2.22</u> 0.00	32.72 <u>2.27</u> 0.00	28.41 <u>2.01</u> 0.00	24.17 <u>1.67</u> 0.00	25.28 <u>1.68</u> 0.00	23.42 <u>1.56</u> 0.00	21.96 <u>1.46</u> 0.00	25.75 <u>1.73</u> 0.00	26.44 <u>1.95</u> 0.00	26.22 <u>1.99</u> 0.00	26.37 <u>2.18</u> 0.00	36.93 <u>2.93</u> 0.00	37.88 <u>2.96</u> 0.00	39.49 <u>3.05</u> 0.00	36.25 <u>3.07</u> -0.01	36.69 <u>3.16</u> 0.00	45.84 <u>3.60</u> 0.00	45.93 <u>3.49</u> 0.00	41.51 <u>3.08</u> 0.00	40.58 <u>2.82</u> 0.00	40.56 <u>2.70</u> 0.00	38.60 <u>2.70</u> 0.00	37.48 <u>2.42</u> -1.79	36.19 <u>2.68</u> 0.00

GOWANUS_GT4_3 24132	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.73 0.00	26.44 1.95 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.51 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.19 2.68 0.00
GOWANUS_GT4_4 24133	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.73 0.00	26.44 1.95 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.51 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.19 2.68 0.00
GOWANUS_GT4_5 24134	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.73 0.00	26.44 1.95 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.51 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.19 2.68 0.00
GOWANUS_GT4_6 24135	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.73 0.00	26.44 1.95 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.51 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.19 2.68 0.00
GOWANUS_GT4_7 24136	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.73 0.00	26.44 1.95 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.51 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.19 2.68 0.00
GOWANUS_GT4_8 24137	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.73 0.00	26.44 1.95 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.51 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.19 2.68 0.00
GREENBSH_115KV_TB3 55895	30.13 0.62 0.00	31.10 0.65 0.00	27.00 0.61 0.00	23.07 0.57 0.00	24.20 0.60 0.00	22.42 0.57 0.00	21.01 0.51 0.00	24.60 0.58 0.00	25.04 0.55 0.00	24.76 0.52 0.00	24.70 0.51 0.00	34.50 0.50 0.00	35.27 0.35 0.00	37.00 0.56 0.00	33.76 0.58 0.00	34.12 0.58 0.00	43.05 0.81 0.00	43.29 0.86 0.00	39.15 0.71 0.00	38.49 0.73 0.00	38.62 0.75 0.00	36.60 0.70 0.00	33.64 0.37 0.00	33.96 0.45 0.00
GREENDGE_115KV_TB5 80291	30.28 0.44 -0.33	31.11 0.31 -0.35	26.53 0.12 0.00	22.56 0.06 0.00	23.66 0.07 0.00	21.87 0.02 0.00	20.52 0.02 0.00	24.20 0.18 0.00	24.76 0.26 -0.01	24.55 0.31 -0.02	24.41 0.16 -0.06	35.07 0.48 -0.59	36.43 0.89 -0.63	38.02 0.89 -0.69	34.54 0.85 -0.52	35.04 0.97 -0.54	44.57 1.25 -1.08	45.01 1.49 -1.08	40.80 1.48 -0.88	40.20 1.61 -0.83	40.33 1.62 -0.84	38.07 1.44 -0.73	34.85 1.01 -0.57	34.85 0.76 -0.58
GREENIDGE___3 23582	30.28 0.44 -0.33	31.11 0.31 -0.35	26.53 0.12 0.00	22.56 0.06 0.00	23.66 0.07 0.00	21.87 0.02 0.00	20.52 0.02 0.00	24.20 0.18 0.00	24.76 0.26 -0.01	24.55 0.31 -0.02	24.41 0.16 -0.06	35.07 0.48 -0.59	36.43 0.89 -0.63	38.02 0.89 -0.69	34.54 0.85 -0.52	35.04 0.97 -0.54	44.57 1.25 -1.08	45.01 1.49 -1.08	40.80 1.48 -0.88	40.20 1.61 -0.83	40.33 1.62 -0.84	38.07 1.44 -0.73	34.85 1.01 -0.57	34.85 0.76 -0.58
GREENIDGE___4 23583	30.28 0.44 -0.33	31.10 0.30 -0.35	26.53 0.13 0.00	22.56 0.06 0.00	23.67 0.07 0.00	21.87 0.01 0.00	20.52 0.02 0.00	24.21 0.19 0.00	24.78 0.28 -0.01	24.55 0.30 -0.02	24.40 0.15 -0.06	35.07 0.48 -0.59	36.43 0.89 -0.63	38.02 0.89 -0.69	34.54 0.85 -0.52	35.04 0.97 -0.54	44.56 1.25 -1.08	45.01 1.49 -1.08	40.80 1.48 -0.88	40.20 1.61 -0.83	40.32 1.62 -0.84	38.07 1.44 -0.73	34.85 1.02 -0.57	34.85 0.76 -0.58
GREENLWN_69_KV_BK 3 55738	31.12 1.60 0.00	32.63 2.18 0.00	29.56 2.00 -1.15	27.02 1.78 -2.74	26.52 1.82 -1.10	23.91 1.67 -0.39	21.94 1.45 0.00	25.51 1.49 0.00	26.18 1.69 0.00	25.71 1.48 0.00	25.79 1.60 0.00	35.98 1.99 0.00	37.23 2.31 0.00	38.88 2.44 0.00	35.59 2.42 0.00	36.19 2.66 0.00	42.48 3.14 2.89	39.70 3.06 5.79	40.92 2.48 0.00	39.07 2.04 0.74	38.90 1.86 0.82	37.76 1.87 0.00	34.86 1.59 0.00	35.53 2.02 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.73 0.00	26.44 1.95 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.51 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.19 2.68 0.00
GRISSOM___SOLAR 323813	33.36 3.84 0.00	34.20 3.75 0.00	29.44 3.04 0.00	25.05 2.55 0.00	26.21 2.61 0.00	24.21 2.36 0.00	22.37 1.87 0.00	25.03 1.00 0.00	25.07 0.58 0.00	24.50 0.27 0.00	24.62 0.43 0.00	35.03 1.03 0.00	35.40 0.48 0.00	37.41 0.97 0.00	34.19 1.02 0.00	34.21 0.67 0.00	43.68 1.44 0.00	45.13 2.69 0.00	42.96 4.52 0.00	43.30 5.54 0.00	43.78 5.91 0.00	41.41 5.51 0.00	38.18 4.91 0.00	37.98 4.47 0.00
GROVEVILLE___HYD 323602	31.60 2.09 0.00	32.62 2.16 0.00	28.27 1.86 0.00	24.05 1.55 0.00	25.17 1.58 0.00	23.33 1.48 0.00	21.89 1.39 0.00	25.67 1.64 0.00	26.33 1.84 0.00	26.06 1.83 0.00	26.17 1.98 0.00	36.71 2.71 0.00	37.72 2.80 0.00	39.47 3.03 0.00	36.18 3.01 0.00	36.67 3.14 0.00	46.13 3.89 0.00	46.36 3.92 0.00	41.86 3.42 0.00	40.88 3.12 0.00	40.87 3.01 0.00	38.76 2.87 0.00	35.66 2.39 0.00	35.98 2.46 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.71 0.14 -1.06	31.63 0.07 -1.11	26.37 -0.04 -0.01	22.46 -0.04 0.00	23.57 -0.02 0.00	21.81 -0.04 0.00	20.46 -0.03 0.00	24.01 -0.01 0.00	22.12 0.07 2.44	23.55 0.15 0.82	24.50 0.16 -0.16	36.22 0.39 -1.83	32.96 0.47 2.43	36.79 0.48 0.12	32.75 0.48 0.90	35.82 0.55 -1.73	46.41 0.65 -3.52	46.44 0.70 -3.31	41.94 0.64 -2.87	41.09 0.59 -2.74	41.19 0.56 -2.76	38.76 0.47 -2.39	35.37 0.24 -1.87	35.56 0.14 -1.90

HAMLTNNY_34_KV_TB 80303	30.85 0.21 -1.12	31.75 0.13 -1.17	26.41 0.00 -0.01	22.50 0.00 0.00	23.61 0.01 0.00	21.85 0.00 0.00	20.48 -0.02 0.00	24.04 0.02 0.00	22.53 0.02 1.98	23.68 0.11 0.66	24.48 0.11 -0.18	36.34 0.36 -1.99	33.79 0.54 1.66	37.25 0.56 -0.25	33.22 0.58 0.53	36.03 0.66 -1.83	46.68 0.81 -3.62	46.78 0.92 -3.43	42.23 0.84 -2.94	41.38 0.82 -2.80	41.48 0.78 -2.83	38.99 0.64 -2.45	35.55 0.37 -1.91	35.74 0.28 -1.95
HAMPSHIRE___PAPER_HYD 323593	29.02 -0.89 -0.40	29.87 -1.00 -0.42	25.53 -0.88 0.00	21.58 -0.92 0.00	22.71 -0.89 0.00	21.03 -0.83 0.00	19.67 -0.83 0.00	23.15 -0.87 0.00	-44.33 -1.10 67.72	-1.00 -1.02 24.21	22.71 -1.03 0.45	33.15 -1.51 -0.67	-90.85 -1.65 124.12	-32.76 -1.81 67.39	-42.46 -1.81 73.82	32.32 -1.82 -0.61	40.78 -2.15 -0.68	34.56 -1.82 6.06	37.52 -1.37 -0.45	37.68 -0.99 -0.91	37.90 -0.88 -0.92	35.74 -0.95 -0.80	32.94 -0.92 -0.60	32.99 -1.15 -0.63
HARDSCRABBLE_WT_PWR 323673	30.21 0.69 0.00	31.15 0.70 0.00	26.96 0.56 0.00	23.00 0.50 0.00	24.12 0.52 0.00	22.35 0.49 0.00	20.94 0.44 0.00	24.37 0.34 0.00	22.44 0.19 2.25	23.56 0.14 0.80	24.32 0.15 0.02	34.25 0.25 0.00	30.86 0.08 4.14	34.33 0.15 2.27	30.97 0.27 2.47	33.81 0.27 0.00	42.66 0.44 0.02	42.88 0.63 0.17	39.25 0.83 0.02	38.77 1.01 0.00	38.94 1.08 0.00	36.88 0.99 0.00	33.89 0.62 0.00	34.21 0.69 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.38 1.86 0.00	32.36 1.90 0.00	28.05 1.65 0.00	23.86 1.35 0.00	24.98 1.38 0.00	23.14 1.28 0.00	21.70 1.20 0.00	25.47 1.44 0.00	26.14 1.65 0.00	25.90 1.67 0.00	26.00 1.81 0.00	36.49 2.49 0.00	37.53 2.62 0.00	39.34 2.91 0.00	36.04 2.87 0.00	36.56 3.02 0.00	45.96 3.72 0.00	46.14 3.70 0.00	41.67 3.23 0.00	40.69 2.93 0.00	40.68 2.81 0.00	38.59 2.69 0.00	35.49 2.22 0.00	35.79 2.28 0.00
HARSNRAD_115KV_TB1 81005	29.56 0.04 0.00	30.18 -0.27 0.00	25.99 -0.41 0.00	22.10 -0.40 0.00	23.19 -0.41 0.00	21.38 -0.48 0.00	19.95 -0.55 0.00	23.70 -0.33 0.00	24.29 -0.19 0.00	24.06 -0.17 0.00	23.78 -0.41 0.00	34.09 0.09 0.00	35.65 0.73 0.00	37.08 0.64 0.00	33.62 0.45 0.00	34.08 0.55 0.00	42.57 0.33 0.00	43.20 0.76 0.00	38.87 0.43 0.00	38.23 0.47 0.00	38.53 0.67 0.00	36.47 0.57 0.00	33.62 0.35 0.00	33.61 0.10 0.00
HARZA MOOSE___RIVER 24016	30.31 0.47 -0.33	31.16 0.36 -0.34	26.56 0.16 0.00	22.53 0.03 0.00	23.69 0.09 0.00	21.96 0.10 0.00	20.54 0.04 0.00	24.16 0.14 0.00	5.72 0.14 18.91	17.66 0.18 6.75	24.28 0.18 0.09	34.81 0.27 -0.54	0.85 0.19 34.26	18.30 0.22 18.36	12.98 0.08 20.27	34.17 0.11 -0.52	43.39 0.29 -0.86	42.00 0.55 0.99	39.79 0.68 -0.67	39.46 0.92 -0.77	39.60 0.96 -0.78	37.37 0.80 -0.67	34.31 0.52 -0.52	34.40 0.35 -0.53
HDSNBRDG_115KV_BRDG_TB1 355580	30.00 -0.10 -0.59	30.89 -0.18 -0.61	26.17 -0.23 0.00	22.29 -0.21 0.00	23.39 -0.21 0.00	21.65 -0.21 0.00	20.32 -0.18 0.00	23.82 -0.21 0.00	21.67 -0.16 2.66	23.20 -0.10 0.93	24.17 -0.09 -0.07	34.97 0.05 -0.92	31.25 0.17 3.84	35.22 0.21 1.43	31.41 0.22 1.98	34.77 0.28 -0.95	44.50 0.35 -1.90	44.50 0.41 -1.66	40.36 0.37 -1.55	39.58 0.34 -1.49	39.66 0.30 -1.50	37.43 0.24 -1.30	34.31 0.03 -1.01	34.47 -0.07 -1.03
HELLGATE_13_KV_LD 55870	31.62 2.11 0.00	32.63 2.18 0.00	28.30 1.90 0.00	24.09 1.59 0.00	25.20 1.61 0.00	23.35 1.50 0.00	21.90 1.40 0.00	25.67 1.64 0.00	26.34 1.85 0.00	26.10 1.87 0.00	26.26 2.08 0.00	36.74 2.74 0.00	37.67 2.75 0.00	39.27 2.83 0.00	36.02 2.85 0.00	36.47 2.93 0.00	45.59 3.35 0.00	45.69 3.25 0.00	41.28 2.85 0.00	40.32 2.56 0.00	40.34 2.48 0.00	38.38 2.48 0.00	35.48 2.22 0.00	36.02 2.50 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.62 2.11 0.00	32.63 2.18 0.00	28.30 1.90 0.00	24.09 1.59 0.00	25.20 1.61 0.00	23.35 1.50 0.00	21.90 1.40 0.00	25.67 1.64 0.00	26.34 1.85 0.00	26.10 1.87 0.00	26.26 2.08 0.00	36.74 2.74 0.00	37.67 2.75 0.00	39.27 2.83 0.00	36.02 2.85 0.00	36.47 2.93 0.00	45.59 3.35 0.00	45.69 3.25 0.00	41.28 2.85 0.00	40.32 2.56 0.00	40.34 2.48 0.00	38.38 2.48 0.00	35.48 2.22 0.00	36.02 2.50 0.00
HEMPSTEAD____ 23647	31.46 1.95 0.00	32.75 2.29 0.00	29.58 2.03 -1.15	27.01 1.76 -2.75	26.49 1.80 -1.10	23.90 1.66 -0.39	21.99 1.49 0.00	25.67 1.65 0.00	26.33 1.84 0.00	25.95 1.73 0.00	26.10 1.91 0.00	36.48 2.48 0.00	37.71 2.80 0.00	39.39 2.95 0.00	35.93 2.76 0.00	36.52 2.99 0.00	45.75 3.51 0.00	45.83 3.39 0.00	41.26 2.82 0.00	39.71 2.40 0.45	39.68 2.32 0.50	38.26 2.37 0.00	35.31 2.05 0.00	35.88 2.36 0.00
HEWLETT_69_KV_BK3 55828	31.84 2.33 0.00	33.06 2.61 0.00	29.86 2.30 -1.15	27.24 2.00 -2.74	26.73 2.03 -1.10	24.13 1.89 -0.39	22.21 1.72 0.00	25.94 1.92 0.00	26.59 2.10 0.00	26.23 2.00 0.00	26.38 2.19 0.00	36.91 2.91 0.00	38.13 3.21 0.00	39.81 3.37 0.00	36.46 3.29 0.00	36.96 3.42 0.00	46.22 3.98 0.00	46.29 3.86 0.00	41.70 3.26 0.00	40.50 2.84 0.10	40.44 2.68 0.11	38.55 2.66 0.00	35.64 2.37 0.00	36.26 2.74 0.00
HICKLING___1 23621	30.37 0.52 -0.34	31.27 0.47 -0.35	26.51 0.10 0.00	22.51 0.01 0.00	23.62 0.03 0.00	21.84 -0.01 0.00	20.54 0.04 0.00	24.24 0.22 0.00	24.86 0.36 -0.01	24.75 0.50 -0.02	24.68 0.44 -0.06	35.75 1.16 -0.59	37.03 1.48 -0.63	38.60 1.45 -0.71	35.14 1.43 -0.53	35.68 1.59 -0.55	45.14 1.81 -1.08	45.24 1.73 -1.08	40.78 1.47 -0.88	39.97 1.37 -0.83	40.12 1.42 -0.84	38.08 1.46 -0.73	34.91 1.08 -0.57	34.98 0.89 -0.58
HICKLING___2 23622	30.37 0.52 -0.34	31.27 0.47 -0.35	26.51 0.10 0.00	22.51 0.01 0.00	23.62 0.03 0.00	21.84 -0.01 0.00	20.54 0.04 0.00	24.24 0.22 0.00	24.86 0.36 -0.01	24.75 0.50 -0.02	24.68 0.44 -0.06	35.75 1.16 -0.59	37.03 1.48 -0.63	38.60 1.45 -0.71	35.14 1.43 -0.53	35.68 1.59 -0.55	45.14 1.81 -1.08	45.24 1.73 -1.08	40.78 1.47 -0.88	39.97 1.37 -0.83	40.12 1.42 -0.84	38.08 1.46 -0.73	34.91 1.08 -0.57	34.98 0.89 -0.58
HIGH FALLS___HY 23754	31.49 1.98 0.00	32.46 2.00 0.00	28.11 1.71 0.00	23.89 1.39 0.00	25.00 1.41 0.00	23.16 1.31 0.00	21.75 1.25 0.00	25.52 1.49 0.00	26.22 1.73 0.00	25.97 1.74 0.00	26.12 1.93 0.00	36.81 2.81 0.00	37.73 2.81 0.00	39.39 2.95 0.00	36.23 3.06 0.00	36.76 3.22 0.00	46.32 4.08 0.00	46.58 4.15 0.00	42.02 3.58 0.00	41.04 3.28 0.00	41.01 3.14 0.00	38.89 2.99 0.00	35.79 2.53 0.00	36.06 2.55 0.00
HIGH_RIVER___SOLAR 323847	31.02 1.51 0.00	31.94 1.49 0.00	27.66 1.26 0.00	23.57 1.07 0.00	24.71 1.12 0.00	22.88 1.02 0.00	21.41 0.91 0.00	24.91 0.89 0.00	25.24 0.75 0.00	24.84 0.61 0.00	24.74 0.55 0.00	34.93 0.93 0.00	35.62 0.70 0.00	37.28 0.84 0.00	33.98 0.81 0.00	34.41 0.87 0.00	43.47 1.23 0.00	43.95 1.52 0.00	40.39 1.95 0.00	39.88 2.12 0.00	40.02 2.15 0.00	37.89 1.99 0.00	34.94 1.68 0.00	35.19 1.68 0.00

HILLBURN___GT 23639	31.26 1.74 0.00	32.25 1.80 0.00	27.97 1.57 0.00	23.79 1.29 0.00	24.90 1.30 0.00	23.07 1.21 0.00	21.63 1.14 0.00	25.38 1.36 0.00	26.07 1.58 0.00	25.86 1.62 0.00	25.96 1.77 0.00	36.41 2.42 0.00	37.44 2.52 0.00	39.21 2.77 0.00	35.91 2.74 0.00	36.41 2.87 0.00	45.72 3.48 0.00	45.86 3.42 0.00	41.40 2.96 0.00	40.41 2.65 0.00	40.41 2.55 0.00	38.38 2.49 0.00	35.33 2.06 0.00	35.68 2.17 0.00
HILLSIDE_115KV_TB1 80332	29.91 0.04 -0.35	30.85 0.03 -0.37	26.11 -0.29 0.00	22.18 -0.33 0.00	23.29 -0.31 0.00	21.53 -0.32 0.00	20.25 -0.25 0.00	23.90 -0.12 0.00	24.50 0.00 -0.01	24.41 0.16 -0.02	24.36 0.11 -0.06	35.28 0.68 -0.61	36.48 0.90 -0.66	38.05 0.88 -0.74	34.65 0.92 -0.55	35.17 1.06 -0.57	44.50 1.14 -1.12	44.50 0.95 -1.12	40.06 0.71 -0.91	39.19 0.57 -0.86	39.34 0.60 -0.87	37.37 0.72 -0.75	34.28 0.43 -0.59	34.40 0.29 -0.60
HISHELDN_WT_PWR 323625	29.83 0.31 0.00	30.53 0.08 0.00	26.23 -0.17 0.00	22.29 -0.21 0.00	23.39 -0.20 0.00	21.58 -0.28 0.00	20.18 -0.31 0.00	23.99 -0.04 0.00	24.65 0.16 0.00	24.42 0.19 0.00	24.20 0.01 0.00	34.66 0.66 0.00	36.12 1.20 0.00	37.58 1.14 0.00	34.13 0.96 0.00	34.66 1.13 0.00	43.37 1.13 0.00	43.83 1.40 0.00	39.47 1.03 0.00	38.79 1.02 0.00	39.04 1.18 0.00	37.00 1.11 0.00	34.08 0.81 0.00	34.10 0.59 0.00
HOLTSVILLE_IC_1 23690	31.52 2.01 0.00	33.05 2.60 0.00	29.87 2.32 -1.15	27.27 2.02 -2.75	26.77 2.07 -1.10	24.14 1.91 -0.39	22.17 1.67 0.00	25.83 1.81 0.00	26.56 2.07 0.00	26.08 1.84 0.00	26.12 1.93 0.00	36.40 2.41 0.00	37.80 2.88 0.00	39.44 3.01 0.00	36.04 2.88 0.00	36.71 3.17 0.00	51.83 3.70 -5.90	57.80 3.58 -11.79	41.28 2.84 0.00	39.35 2.34 0.75	39.18 2.15 0.84	38.08 2.18 0.00	35.27 2.00 0.00	36.02 2.50 0.00
HOLTSVILLE_IC_10 23699	31.70 2.19 0.00	33.25 2.80 0.00	30.03 2.48 -1.15	27.40 2.15 -2.75	26.90 2.21 -1.10	24.27 2.03 -0.39	22.29 1.79 0.00	25.98 1.95 0.00	26.73 2.24 0.00	26.25 2.02 0.00	26.30 2.11 0.00	36.63 2.64 0.00	38.04 3.12 0.00	39.71 3.27 0.00	36.32 3.15 0.00	36.99 3.46 0.00	53.83 4.07 -7.53	61.43 3.95 -15.04	41.60 3.16 0.00	39.64 2.62 0.75	39.46 2.43 0.83	38.33 2.44 0.00	35.49 2.23 0.00	36.23 2.72 0.00
HOLTSVILLE_IC_2 23691	31.52 2.01 0.00	33.05 2.60 0.00	29.87 2.32 -1.15	27.27 2.02 -2.75	26.77 2.07 -1.10	24.14 1.91 -0.39	22.17 1.67 0.00	25.83 1.81 0.00	26.56 2.07 0.00	26.08 1.84 0.00	26.12 1.93 0.00	36.40 2.41 0.00	37.80 2.88 0.00	39.44 3.01 0.00	36.04 2.88 0.00	36.71 3.17 0.00	51.83 3.70 -5.90	57.80 3.58 -11.79	41.28 2.84 0.00	39.35 2.34 0.75	39.18 2.15 0.84	38.08 2.18 0.00	35.27 2.00 0.00	36.02 2.50 0.00
HOLTSVILLE_IC_3 23692	31.52 2.01 0.00	33.05 2.60 0.00	29.87 2.32 -1.15	27.27 2.02 -2.75	26.77 2.07 -1.10	24.14 1.91 -0.39	22.17 1.67 0.00	25.83 1.81 0.00	26.56 2.07 0.00	26.08 1.84 0.00	26.12 1.93 0.00	36.40 2.41 0.00	37.80 2.88 0.00	39.44 3.01 0.00	36.04 2.88 0.00	36.71 3.17 0.00	51.83 3.70 -5.90	57.80 3.58 -11.79	41.28 2.84 0.00	39.35 2.34 0.75	39.18 2.15 0.84	38.08 2.18 0.00	35.27 2.00 0.00	36.02 2.50 0.00
HOLTSVILLE_IC_4 23693	31.52 2.01 0.00	33.05 2.60 0.00	29.87 2.32 -1.15	27.27 2.02 -2.75	26.77 2.07 -1.10	24.14 1.91 -0.39	22.17 1.67 0.00	25.83 1.81 0.00	26.56 2.07 0.00	26.08 1.84 0.00	26.12 1.93 0.00	36.40 2.41 0.00	37.80 2.88 0.00	39.44 3.01 0.00	36.04 2.88 0.00	36.71 3.17 0.00	51.83 3.70 -5.90	57.80 3.58 -11.79	41.28 2.84 0.00	39.35 2.34 0.75	39.18 2.15 0.84	38.08 2.18 0.00	35.27 2.00 0.00	36.02 2.50 0.00
HOLTSVILLE_IC_5 23694	31.52 2.01 0.00	33.05 2.60 0.00	29.87 2.32 -1.15	27.27 2.02 -2.75	26.77 2.07 -1.10	24.14 1.91 -0.39	22.17 1.67 0.00	25.83 1.81 0.00	26.56 2.07 0.00	26.08 1.84 0.00	26.12 1.93 0.00	36.40 2.41 0.00	37.80 2.88 0.00	39.44 3.01 0.00	36.04 2.88 0.00	36.71 3.17 0.00	51.83 3.70 -5.90	57.80 3.58 -11.79	41.28 2.84 0.00	39.35 2.34 0.75	39.18 2.15 0.84	38.08 2.18 0.00	35.27 2.00 0.00	36.02 2.50 0.00
HOLTSVILLE_IC_6 23695	31.70 2.19 0.00	33.25 2.80 0.00	30.03 2.48 -1.15	27.40 2.15 -2.75	26.90 2.21 -1.10	24.27 2.03 -0.39	22.29 1.79 0.00	25.98 1.95 0.00	26.73 2.24 0.00	26.25 2.02 0.00	26.30 2.11 0.00	36.63 2.64 0.00	38.04 3.12 0.00	39.71 3.27 0.00	36.32 3.15 0.00	36.99 3.46 0.00	53.83 4.07 -7.53	61.43 3.95 -15.04	41.60 3.16 0.00	39.64 2.62 0.75	39.46 2.43 0.83	38.33 2.44 0.00	35.49 2.23 0.00	36.23 2.72 0.00
HOLTSVILLE_IC_7 23696	31.70 2.19 0.00	33.25 2.80 0.00	30.03 2.48 -1.15	27.40 2.15 -2.75	26.90 2.21 -1.10	24.27 2.03 -0.39	22.29 1.79 0.00	25.98 1.95 0.00	26.73 2.24 0.00	26.25 2.02 0.00	26.30 2.11 0.00	36.63 2.64 0.00	38.04 3.12 0.00	39.71 3.27 0.00	36.32 3.15 0.00	36.99 3.46 0.00	53.83 4.07 -7.53	61.43 3.95 -15.04	41.60 3.16 0.00	39.64 2.62 0.75	39.46 2.43 0.83	38.33 2.44 0.00	35.49 2.23 0.00	36.23 2.72 0.00
HOLTSVILLE_IC_8 23697	31.70 2.19 0.00	33.25 2.80 0.00	30.03 2.48 -1.15	27.40 2.15 -2.75	26.90 2.21 -1.10	24.27 2.03 -0.39	22.29 1.79 0.00	25.98 1.95 0.00	26.73 2.24 0.00	26.25 2.02 0.00	26.30 2.11 0.00	36.63 2.64 0.00	38.04 3.12 0.00	39.71 3.27 0.00	36.32 3.15 0.00	36.99 3.46 0.00	53.83 4.07 -7.53	61.43 3.95 -15.04	41.60 3.16 0.00	39.64 2.62 0.75	39.46 2.43 0.83	38.33 2.44 0.00	35.49 2.23 0.00	36.23 2.72 0.00
HOLTSVILLE_IC_9 23698	31.70 2.19 0.00	33.25 2.80 0.00	30.03 2.48 -1.15	27.40 2.15 -2.75	26.90 2.21 -1.10	24.27 2.03 -0.39	22.29 1.79 0.00	25.98 1.95 0.00	26.73 2.24 0.00	26.25 2.02 0.00	26.30 2.11 0.00	36.63 2.64 0.00	38.04 3.12 0.00	39.71 3.27 0.00	36.32 3.15 0.00	36.99 3.46 0.00	53.83 4.07 -7.53	61.43 3.95 -15.04	41.60 3.16 0.00	39.64 2.62 0.75	39.46 2.43 0.83	38.33 2.44 0.00	35.49 2.23 0.00	36.23 2.72 0.00
HOMER_HL_115KV_TB2 355744	29.75 0.24 0.00	30.51 0.06 0.00	26.19 -0.21 0.00	22.25 -0.25 0.00	23.36 -0.24 0.00	21.56 -0.29 0.00	20.18 -0.32 0.00	24.01 -0.02 0.00	24.70 0.21 0.00	24.70 0.48 0.00	24.47 0.28 0.00	35.09 1.09 0.00	36.32 1.41 0.00	37.83 1.40 0.00	34.29 1.12 0.00	34.84 1.30 0.00	43.60 1.36 0.00	43.83 1.39 0.00	39.31 0.87 0.00	38.38 0.61 0.00	38.70 0.83 0.00	36.79 0.89 0.00	33.99 0.72 0.00	34.09 0.57 0.00
HOWARD_WT_PWR 323690	30.30 0.54 -0.24	31.22 0.51 -0.25	26.51 0.11 0.00	22.53 0.03 0.00	23.66 0.06 0.00	21.84 -0.01 0.00	20.60 0.11 0.00	24.45 0.42 0.00	25.12 0.63 -0.01	24.91 0.67 -0.01	24.71 0.48 -0.04	35.62 1.19 -0.43	37.05 1.67 -0.46	38.56 1.61 -0.51	35.03 1.47 -0.38	35.53 1.60 -0.40	44.78 1.75 -0.79	45.24 2.01 -0.79	40.88 1.80 -0.64	40.29 1.92 -0.61	40.54 2.06 -0.61	38.42 1.99 -0.53	35.22 1.54 -0.42	35.26 1.33 -0.42

HQ_GEN_CEDARS 23644	28.50 -1.01 0.00	29.51 -0.95 0.00	25.95 -0.44 0.00	22.09 -0.41 0.00	23.16 -0.44 0.00	21.46 -0.40 0.00	20.11 -0.39 0.00	23.62 -0.41 0.00	-115.25 -0.81 138.93	-26.31 -0.83 49.71	22.25 -0.89 1.05	32.68 -1.32 0.00	-222.58 -1.37 256.13	-105.13 -1.60 139.97	-121.22 -1.67 152.71	31.72 -1.72 0.09	38.99 -2.18 1.07	25.51 -2.20 14.73	35.50 -1.90 1.04	36.03 -1.74 0.00	36.22 -1.65 0.00	34.32 -1.58 0.00	32.13 -1.08 0.05	32.40 -1.10 0.01
HQ_GEN_CEDARS_PROXY 323590	28.50 -1.01 0.00	29.51 -0.95 0.00	25.95 -0.44 0.00	22.09 -0.41 0.00	23.15 -0.44 0.00	21.46 -0.40 0.00	20.11 -0.39 0.00	24.81 -0.41 -1.19	-115.25 -0.81 138.93	-26.30 -0.83 49.71	21.14 -0.89 2.16	32.68 -1.32 0.00	-222.58 -1.37 256.13	-105.13 -1.60 139.97	-121.22 -1.67 152.71	31.72 -1.72 0.09	38.99 -2.18 1.07	25.51 -2.20 14.73	35.50 -1.90 1.04	36.03 -1.74 0.00	36.22 -1.65 0.00	34.32 -1.58 0.00	32.13 -1.08 0.05	32.40 -1.10 0.01
HQ_GEN_IMPORT 323601	29.00 -0.49 0.03	30.00 -0.45 0.00	26.06 -0.34 0.00	22.21 -0.30 0.00	23.27 -0.33 0.00	21.56 -0.29 0.00	19.55 -0.27 0.67	25.77 -0.30 -2.05	29.14 -0.36 -5.00	25.64 -0.38 -1.79	23.81 -0.42 -0.04	33.38 -0.62 0.00	43.50 -0.65 -9.23	44.75 -0.79 -9.10	37.05 -0.83 -4.71	32.65 -0.89 0.00	46.21 -1.12 -5.09	41.55 -1.16 -0.28	37.46 -1.02 -0.04	36.80 -0.96 0.00	36.93 -0.93 0.00	35.02 -0.88 0.00	32.69 -0.53 0.05	32.98 -0.54 0.00
HQ_GEN_WHEEL 23651	29.00 -0.49 0.03	30.00 -0.45 0.00	26.06 -0.34 0.00	22.21 -0.30 0.00	23.27 -0.33 0.00	21.56 -0.29 0.00	19.55 -0.27 0.67	25.77 -0.30 -2.05	29.14 -0.36 -5.00	25.64 -0.38 -1.79	23.81 -0.42 -0.04	33.38 -0.62 0.00	43.50 -0.65 -9.23	44.75 -0.79 -9.10	37.05 -0.83 -4.71	32.65 -0.89 0.00	46.21 -1.12 -5.09	41.55 -1.16 -0.28	37.46 -1.02 -0.04	36.80 -0.96 0.00	36.93 -0.93 0.00	35.02 -0.88 0.00	32.69 -0.53 0.05	32.98 -0.54 0.00
HUDSON AVE_GT_3 23810	31.63 2.12 0.00	32.65 2.20 0.00	28.33 1.93 0.00	24.11 1.61 0.00	25.23 1.63 0.00	23.36 1.50 0.00	21.91 1.41 0.00	25.69 1.66 0.00	26.37 1.89 0.00	26.14 1.90 0.00	26.28 2.09 0.00	36.82 2.83 0.00	37.80 2.88 0.00	39.45 3.01 0.00	36.19 3.02 0.00	36.67 3.14 0.00	45.89 3.65 0.00	45.97 3.54 0.00	41.53 3.09 0.00	40.55 2.79 0.00	40.51 2.64 0.00	38.51 2.61 0.00	35.57 2.30 0.00	36.03 2.52 0.00
HUDSON AVE_GT_4 23540	31.63 2.12 0.00	32.65 2.20 0.00	28.33 1.93 0.00	24.11 1.61 0.00	25.23 1.63 0.00	23.36 1.50 0.00	21.91 1.41 0.00	25.69 1.66 0.00	26.37 1.89 0.00	26.14 1.90 0.00	26.28 2.09 0.00	36.82 2.83 0.00	37.80 2.88 0.00	39.45 3.01 0.00	36.19 3.02 0.00	36.67 3.14 0.00	45.89 3.65 0.00	45.97 3.54 0.00	41.53 3.09 0.00	40.55 2.79 0.00	40.51 2.64 0.00	38.51 2.61 0.00	35.57 2.30 0.00	36.03 2.52 0.00
HUDSON AVE_GT_5 23657	31.63 2.12 0.00	32.65 2.20 0.00	28.33 1.93 0.00	24.11 1.61 0.00	25.23 1.63 0.00	23.36 1.50 0.00	21.91 1.41 0.00	25.69 1.66 0.00	26.37 1.89 0.00	26.14 1.90 0.00	26.28 2.09 0.00	36.82 2.83 0.00	37.80 2.88 0.00	39.45 3.01 0.00	36.19 3.02 0.00	36.67 3.14 0.00	45.89 3.65 0.00	45.97 3.54 0.00	41.53 3.09 0.00	40.55 2.79 0.00	40.51 2.64 0.00	38.51 2.61 0.00	35.57 2.30 0.00	36.03 2.52 0.00
HUDSON_AVE_10 24168	31.57 2.06 0.00	32.59 2.13 0.00	28.27 1.87 0.00	24.06 1.56 0.00	25.17 1.57 0.00	23.31 1.46 0.00	21.86 1.36 0.00	25.64 1.61 0.00	26.31 1.82 0.00	26.07 1.84 0.00	26.21 2.02 0.00	36.71 2.71 0.00	37.67 2.76 0.00	39.32 2.88 0.00	36.09 2.92 0.00	36.56 3.02 0.00	45.75 3.51 0.00	45.83 3.40 0.00	41.42 2.98 0.00	40.44 2.68 0.00	40.39 2.53 0.00	38.39 2.49 0.00	35.46 2.19 0.00	35.93 2.42 0.00
HUDSON___115KV_TB 4 355613	30.91 1.40 0.00	31.86 1.41 0.00	27.63 1.23 0.00	23.59 1.09 0.00	24.74 1.14 0.00	22.92 1.07 0.00	21.46 0.96 0.00	25.12 1.10 0.00	25.50 1.01 0.00	25.19 0.96 0.00	25.07 0.88 0.00	35.11 1.11 0.00	35.83 0.91 0.00	37.65 1.21 0.00	34.43 1.26 0.00	34.97 1.44 0.00	44.02 1.78 0.00	44.42 1.99 0.00	40.26 1.82 0.00	39.68 1.91 0.00	39.89 2.03 0.00	37.76 1.86 0.00	34.60 1.34 0.00	34.82 1.30 0.00
HUNTER MOUNT___DRP 323613	31.19 1.68 0.00	32.13 1.68 0.00	27.85 1.45 0.00	23.77 1.27 0.00	24.94 1.35 0.00	23.11 1.25 0.00	21.63 1.14 0.00	25.32 1.30 0.00	25.67 1.18 0.00	25.32 1.09 0.00	25.18 0.99 0.00	35.25 1.26 0.00	35.93 1.02 0.00	37.82 1.38 0.00	34.56 1.39 0.00	35.10 1.57 0.00	44.32 2.07 0.00	44.67 2.24 0.00	40.59 2.15 0.00	40.06 2.30 0.00	40.28 2.42 0.00	38.10 2.20 0.00	34.86 1.60 0.00	35.04 1.53 0.00
HUNTINGTON_RES_REC 323705	31.35 1.84 0.00	32.90 2.45 0.00	29.76 2.21 -1.15	27.19 1.94 -2.75	26.68 1.99 -1.10	24.07 1.83 -0.39	22.09 1.59 0.00	25.70 1.68 0.00	26.41 1.92 0.00	25.95 1.73 0.00	26.00 1.81 0.00	36.24 2.24 0.00	37.56 2.64 0.00	39.22 2.79 0.00	35.91 2.75 0.00	36.54 3.00 -0.01	70.10 3.55 -24.31	94.50 3.48 -48.58	41.25 2.82 0.00	39.33 2.31 0.75	39.15 2.11 0.83	38.00 2.10 0.00	35.12 1.86 0.00	35.83 2.32 0.00
HUNTLEY___63 23557	29.75 0.23 0.00	30.36 -0.09 0.00	26.13 -0.27 0.00	22.25 -0.25 0.00	23.35 -0.25 0.00	21.53 -0.32 0.00	20.09 -0.41 0.00	23.89 -0.13 0.00	24.51 0.03 0.00	24.31 0.08 0.00	24.07 -0.11 0.00	34.55 0.55 0.00	36.12 1.21 0.00	37.58 1.15 0.00	34.09 0.92 0.00	34.63 1.09 0.00	43.24 1.00 0.00	43.79 1.35 0.00	39.39 0.95 0.00	38.71 0.94 0.00	38.97 1.10 0.00	36.87 0.97 0.00	33.98 0.71 0.00	34.01 0.49 0.00
HUNTLEY___64 23558	29.75 0.23 0.00	30.36 -0.09 0.00	26.13 -0.27 0.00	22.25 -0.25 0.00	23.35 -0.25 0.00	21.53 -0.32 0.00	20.09 -0.41 0.00	23.89 -0.13 0.00	24.51 0.03 0.00	24.31 0.08 0.00	24.07 -0.11 0.00	34.55 0.55 0.00	36.12 1.21 0.00	37.58 1.15 0.00	34.09 0.92 0.00	34.63 1.09 0.00	43.24 1.00 0.00	43.79 1.35 0.00	39.39 0.95 0.00	38.71 0.94 0.00	38.97 1.10 0.00	36.87 0.97 0.00	33.98 0.71 0.00	34.01 0.49 0.00
HUNTLEY___65 23559	29.75 0.23 0.00	30.36 -0.09 0.00	26.13 -0.27 0.00	22.25 -0.25 0.00	23.35 -0.25 0.00	21.53 -0.32 0.00	20.09 -0.41 0.00	23.89 -0.13 0.00	24.51 0.03 0.00	24.31 0.08 0.00	24.07 -0.11 0.00	34.55 0.55 0.00	36.12 1.21 0.00	37.58 1.15 0.00	34.09 0.92 0.00	34.63 1.09 0.00	43.24 1.00 0.00	43.79 1.35 0.00	39.39 0.95 0.00	38.71 0.94 0.00	38.97 1.10 0.00	36.87 0.97 0.00	33.98 0.71 0.00	34.01 0.49 0.00
HUNTLEY___66 23560	29.75 0.23 0.00	30.36 -0.09 0.00	26.13 -0.27 0.00	22.25 -0.25 0.00	23.35 -0.25 0.00	21.53 -0.32 0.00	20.09 -0.41 0.00	23.89 -0.13 0.00	24.51 0.03 0.00	24.31 0.08 0.00	24.07 -0.11 0.00	34.55 0.55 0.00	36.12 1.21 0.00	37.58 1.15 0.00	34.09 0.92 0.00	34.63 1.09 0.00	43.24 1.00 0.00	43.79 1.35 0.00	39.39 0.95 0.00	38.71 0.94 0.00	38.97 1.10 0.00	36.87 0.97 0.00	33.98 0.71 0.00	34.01 0.49 0.00

HUNTLEY___67 23561	29.56 0.05 0.00	30.21 -0.24 0.00	26.00 -0.40 0.00	22.12 -0.39 0.00	23.21 -0.39 0.00	21.40 -0.45 0.00	19.98 -0.52 0.00	23.75 -0.28 0.00	24.36 -0.13 0.00	24.17 -0.06 0.00	23.93 -0.26 0.00	34.30 0.30 0.00	35.83 0.91 0.00	37.27 0.83 0.00	33.79 0.62 0.00	34.32 0.78 0.00	42.93 0.69 0.00	43.48 1.05 0.00	39.09 0.65 0.00	38.40 0.64 0.00	38.66 0.80 0.00	36.63 0.73 0.00	33.77 0.50 0.00	33.78 0.27 0.00
HUNTLEY___68 23562	29.56 0.05 0.00	30.21 -0.24 0.00	26.00 -0.40 0.00	22.12 -0.39 0.00	23.21 -0.39 0.00	21.40 -0.45 0.00	19.98 -0.52 0.00	23.75 -0.28 0.00	24.36 -0.13 0.00	24.17 -0.06 0.00	23.93 -0.26 0.00	34.30 0.30 0.00	35.83 0.91 0.00	37.27 0.83 0.00	33.79 0.62 0.00	34.32 0.78 0.00	42.93 0.69 0.00	43.48 1.05 0.00	39.09 0.65 0.00	38.40 0.64 0.00	38.66 0.80 0.00	36.63 0.73 0.00	33.77 0.50 0.00	33.78 0.27 0.00
HYLAND___LFG 323620	31.39 1.88 0.00	32.08 1.63 0.00	27.56 1.16 0.00	23.40 0.90 0.00	24.54 0.94 0.00	22.65 0.80 0.00	21.24 0.74 0.00	25.01 0.99 0.00	25.18 0.69 0.00	24.80 0.57 0.00	24.48 0.30 0.00	34.11 0.11 0.00	35.62 0.70 0.00	37.10 0.66 0.00	33.72 0.55 0.00	34.25 0.72 0.00	42.95 0.71 0.00	43.44 1.00 0.00	39.26 0.82 0.00	39.35 1.59 0.00	40.23 2.37 0.00	38.32 2.42 0.00	35.17 1.90 0.00	35.63 2.12 0.00
INDECK___CORINTH 23802	31.03 1.52 0.00	31.98 1.53 0.00	27.70 1.30 0.00	23.59 1.09 0.00	24.72 1.13 0.00	22.91 1.05 0.00	21.48 0.98 0.00	25.12 1.10 0.00	25.59 1.10 0.00	25.20 0.97 0.00	24.90 0.71 0.00	34.95 0.95 0.00	35.76 0.84 0.00	37.67 1.24 0.00	34.62 1.45 0.00	34.95 1.41 0.00	44.31 2.06 0.00	44.85 2.41 0.00	40.96 2.52 0.00	40.30 2.54 0.00	39.90 2.03 0.00	37.49 1.59 0.00	34.41 1.14 0.00	35.09 1.58 0.00
INDECK___ILION 23567	30.00 0.49 0.00	30.94 0.49 0.00	26.79 0.39 0.00	22.84 0.34 0.00	23.95 0.36 0.00	22.19 0.33 0.00	20.80 0.30 0.00	24.29 0.26 0.00	22.43 0.19 2.25	23.59 0.17 0.80	24.35 0.18 0.02	34.27 0.27 0.00	30.96 0.19 4.14	34.44 0.27 2.27	31.02 0.32 2.47	33.88 0.34 0.00	42.74 0.51 0.02	42.89 0.63 0.17	39.13 0.71 0.02	38.55 0.78 0.00	38.68 0.81 0.00	36.66 0.76 0.00	33.76 0.49 0.00	34.02 0.51 0.00
INDECK___OLEAN 23982	29.75 0.23 0.00	30.51 0.06 0.00	26.19 -0.21 0.00	22.25 -0.25 0.00	23.36 -0.24 0.00	21.56 -0.29 0.00	20.18 -0.32 0.00	24.02 0.00 0.00	24.75 0.26 0.00	24.71 0.48 0.00	24.48 0.28 0.00	35.09 1.09 0.00	36.32 1.41 0.00	37.84 1.40 0.00	34.29 1.12 0.00	34.84 1.30 0.00	43.60 1.36 0.00	43.83 1.39 0.00	39.30 0.86 0.00	38.38 0.62 0.00	38.70 0.83 0.00	36.79 0.89 0.00	33.99 0.72 0.00	34.09 0.58 0.00
INDECK___OSWEGO 23783	31.89 -0.54 -2.92	32.87 -0.63 -3.05	25.80 -0.62 -0.02	21.96 -0.54 0.00	23.05 -0.55 0.00	21.34 -0.52 0.00	20.02 -0.48 0.00	23.45 -0.57 0.00	19.47 -0.56 4.46	22.25 -0.51 1.47	24.11 -0.52 -0.44	38.30 -0.61 -4.91	31.40 -0.56 2.95	37.41 -0.60 -1.57	32.09 -0.70 0.39	37.52 -0.77 -4.75	49.92 -0.91 -8.59	49.64 -0.82 -8.03	44.59 -0.73 -6.88	43.64 -0.66 -6.54	43.83 -0.65 -6.61	41.19 -0.43 -5.72	37.26 -0.48 -4.47	37.50 -0.57 -4.55
INDECK___YERKES 23781	29.78 0.26 0.00	30.39 -0.06 0.00	26.17 -0.23 0.00	22.27 -0.23 0.00	23.37 -0.22 0.00	21.55 -0.30 0.00	20.11 -0.39 0.00	23.94 -0.09 0.00	24.61 0.12 0.00	24.34 0.11 0.00	24.11 -0.08 0.00	34.59 0.59 0.00	36.16 1.24 0.00	37.62 1.19 0.00	34.13 0.96 0.00	34.67 1.13 0.00	43.30 1.06 0.00	43.84 1.40 0.00	39.43 0.99 0.00	38.76 0.99 0.00	39.02 1.16 0.00	36.90 1.01 0.00	34.02 0.76 0.00	34.06 0.55 0.00
INDIAN POINT_GT_1 24139	31.25 1.74 0.00	32.27 1.82 0.00	27.99 1.59 0.00	23.83 1.32 0.00	24.93 1.33 0.00	23.09 1.24 0.00	21.66 1.16 0.00	25.40 1.37 0.00	26.06 1.57 0.00	25.81 1.58 0.00	25.92 1.73 0.00	36.32 2.32 0.00	37.30 2.38 0.00	39.00 2.57 0.00	35.73 2.56 0.00	36.21 2.68 0.00	45.45 3.21 0.00	45.60 3.16 0.00	41.17 2.73 0.00	40.22 2.46 0.00	40.23 2.37 0.00	38.22 2.32 0.00	35.22 1.95 0.00	35.60 2.09 0.00
INDIAN POINT_GT_2 23659	31.25 1.74 0.00	32.27 1.82 0.00	27.99 1.59 0.00	23.83 1.32 0.00	24.93 1.33 0.00	23.09 1.24 0.00	21.66 1.16 0.00	25.40 1.37 0.00	26.06 1.57 0.00	25.81 1.58 0.00	25.92 1.73 0.00	36.32 2.32 0.00	37.30 2.38 0.00	39.00 2.57 0.00	35.73 2.56 0.00	36.21 2.68 0.00	45.45 3.21 0.00	45.60 3.16 0.00	41.17 2.73 0.00	40.22 2.46 0.00	40.23 2.37 0.00	38.22 2.32 0.00	35.22 1.95 0.00	35.60 2.09 0.00
INDIAN POINT_GT_3 24019	31.25 1.74 0.00	32.27 1.82 0.00	27.99 1.59 0.00	23.83 1.32 0.00	24.93 1.33 0.00	23.09 1.24 0.00	21.66 1.16 0.00	25.40 1.37 0.00	26.06 1.57 0.00	25.81 1.58 0.00	25.92 1.73 0.00	36.32 2.32 0.00	37.30 2.38 0.00	39.00 2.57 0.00	35.73 2.56 0.00	36.21 2.68 0.00	45.45 3.21 0.00	45.60 3.16 0.00	41.17 2.73 0.00	40.22 2.46 0.00	40.23 2.37 0.00	38.22 2.32 0.00	35.22 1.95 0.00	35.60 2.09 0.00
INDIAN POINT___2 23530	31.20 1.69 0.00	32.21 1.76 0.00	27.94 1.54 0.00	23.78 1.28 0.00	24.88 1.29 0.00	23.06 1.20 0.00	21.62 1.12 0.00	25.35 1.33 0.00	26.02 1.53 0.00	25.78 1.55 0.00	25.89 1.70 0.00	36.28 2.29 0.00	37.28 2.36 0.00	38.99 2.55 0.00	35.72 2.55 0.00	36.20 2.66 0.00	45.43 3.19 0.00	45.57 3.14 0.00	41.15 2.71 0.00	40.19 2.43 0.00	40.20 2.33 0.00	38.18 2.29 0.00	35.19 1.92 0.00	35.56 2.05 0.00
INDIAN POINT___3 23531	31.22 1.70 0.00	32.22 1.77 0.00	27.95 1.55 0.00	23.79 1.29 0.00	24.90 1.30 0.00	23.07 1.21 0.00	21.63 1.14 0.00	25.36 1.34 0.00	26.03 1.54 0.00	25.78 1.55 0.00	25.88 1.69 0.00	36.27 2.27 0.00	37.25 2.33 0.00	38.96 2.52 0.00	35.69 2.52 0.00	36.16 2.63 0.00	45.37 3.13 0.00	45.53 3.10 0.00	41.12 2.68 0.00	40.17 2.41 0.00	40.18 2.32 0.00	38.17 2.27 0.00	35.16 1.90 0.00	35.55 2.04 0.00
INGHAM_C_115KV_TB7 356103	30.25 0.73 0.00	31.21 0.75 0.00	27.00 0.60 0.00	23.04 0.54 0.00	24.16 0.56 0.00	22.39 0.53 0.00	20.96 0.46 0.00	24.34 0.32 0.00	22.34 0.10 2.25	23.45 0.03 0.80	24.19 0.02 0.02	34.09 0.09 0.00	30.66 -0.12 4.14	34.15 -0.02 2.27	30.85 0.15 2.47	33.69 0.16 0.00	42.58 0.35 0.02	42.91 0.64 0.17	39.35 0.93 0.02	38.91 1.15 0.00	39.10 1.23 0.00	37.06 1.16 0.00	33.98 0.71 0.00	34.27 0.75 0.00
IP CORINTH___1 23988	31.21 1.70 0.00	32.16 1.71 0.00	27.85 1.45 0.00	23.71 1.21 0.00	24.85 1.26 0.00	23.02 1.16 0.00	21.59 1.10 0.00	25.26 1.23 0.00	25.74 1.25 0.00	25.35 1.12 0.00	25.04 0.85 0.00	35.16 1.16 0.00	35.96 1.04 0.00	37.89 1.45 0.00	34.82 1.64 0.00	35.15 1.62 0.00	44.55 2.31 0.00	45.10 2.67 0.00	41.18 2.74 0.00	40.51 2.75 0.00	40.13 2.26 0.00	37.70 1.81 0.00	34.61 1.34 0.00	35.29 1.78 0.00

IP__TICONDEROGA 23804	33.00 3.49 0.00	34.10 3.65 0.00	29.38 2.98 0.00	24.90 2.40 0.00	26.06 2.47 0.00	24.17 2.31 0.00	22.68 2.18 0.00	26.46 2.44 0.00	27.01 2.52 0.00	26.46 2.23 0.00	26.02 1.84 0.00	36.56 2.57 0.00	37.57 2.66 0.00	39.93 3.49 0.00	36.89 3.72 0.00	37.00 3.46 0.00	46.91 4.66 0.00	47.99 5.56 0.00	43.75 5.31 0.00	43.30 5.54 0.00	41.58 3.72 0.00	38.38 2.48 0.00	35.13 1.87 0.00	37.69 4.18 0.00
ISLIP_RES_REC 323679	31.89 2.38 0.00	33.43 2.97 0.00	30.18 2.63 -1.15	27.52 2.27 -2.75	27.03 2.33 -1.10	24.39 2.15 -0.39	22.40 1.90 0.00	26.12 2.10 0.00	26.89 2.40 0.00	26.41 2.18 0.00	26.47 2.28 0.00	36.88 2.88 0.00	38.31 3.39 0.00	39.98 3.54 0.00	36.58 3.41 0.00	37.27 3.74 0.00	53.46 4.41 -6.81	60.35 4.30 -13.62	41.91 3.47 0.00	39.93 2.91 0.75	39.75 2.71 0.83	38.59 2.69 0.00	35.71 2.45 0.00	36.45 2.94 0.00
JAMAICA__27_KV_LOAD 355505	31.91 2.40 0.00	32.97 2.51 0.00	28.57 2.17 0.00	24.29 1.79 0.00	25.40 1.80 0.00	23.55 1.70 0.00	22.09 1.60 0.00	25.91 1.88 0.00	26.57 2.08 0.00	26.31 2.08 0.00	26.44 2.26 0.00	37.01 3.01 0.00	37.99 3.07 0.00	39.66 3.23 0.00	36.45 3.28 0.00	36.89 3.35 0.00	46.20 3.96 0.00	46.33 3.90 0.00	41.88 3.44 0.00	40.88 3.12 0.00	40.77 2.90 0.00	38.75 2.85 0.00	35.78 2.51 0.00	36.30 2.79 0.00
JANIS__SOLAR 323808	31.48 1.46 -0.51	32.45 1.46 -0.53	27.53 1.12 0.00	23.45 0.95 0.00	24.64 1.05 0.00	22.79 0.93 0.00	21.36 0.86 0.00	24.52 0.49 0.00	24.86 0.36 -0.02	24.48 0.21 -0.04	24.40 0.11 -0.10	35.45 0.37 -1.09	37.27 1.36 -1.00	39.06 1.55 -1.07	35.44 1.47 -0.80	35.91 1.54 -0.83	45.96 2.10 -1.62	46.45 2.39 -1.62	42.32 2.57 -1.32	41.87 2.86 -1.25	42.16 3.03 -1.26	39.83 2.84 -1.09	36.42 2.30 -0.85	36.46 2.08 -0.87
JARVIS____ 23743	29.74 0.23 0.00	30.67 0.21 0.00	26.57 0.17 0.00	22.66 0.16 0.00	23.76 0.16 0.00	22.01 0.16 0.00	20.64 0.14 0.00	24.18 0.15 0.00	22.41 0.17 2.25	23.60 0.17 0.80	24.35 0.18 0.02	34.24 0.24 0.00	31.00 0.22 4.14	34.46 0.28 2.27	31.00 0.29 2.47	33.84 0.31 0.00	42.64 0.41 0.02	42.66 0.40 0.17	38.78 0.36 0.02	38.14 0.38 0.00	38.22 0.35 0.00	36.23 0.33 0.00	33.48 0.21 0.00	33.74 0.23 0.00
JENNISON__1 23625	31.19 1.31 -0.36	32.31 1.48 -0.38	27.61 1.21 0.00	23.52 1.01 0.00	24.75 1.15 0.00	22.90 1.05 0.00	21.52 1.02 0.00	25.66 1.64 0.00	26.29 1.79 -0.01	26.03 1.78 -0.01	26.01 1.77 -0.05	37.35 2.85 -0.50	38.00 2.43 -0.65	39.59 2.40 -0.76	35.97 2.23 -0.57	36.41 2.29 -0.59	46.21 2.83 -1.14	46.45 2.87 -1.14	42.18 2.81 -0.93	41.54 2.90 -0.88	41.75 3.00 -0.88	39.50 2.84 -0.77	36.22 2.35 -0.60	36.29 2.17 -0.61
JENNISON__2 23626	31.19 1.31 -0.36	32.31 1.48 -0.38	27.61 1.21 0.00	23.52 1.01 0.00	24.75 1.15 0.00	22.90 1.05 0.00	21.52 1.02 0.00	25.66 1.64 0.00	26.29 1.79 -0.01	26.03 1.78 -0.01	26.01 1.77 -0.05	37.35 2.85 -0.50	38.00 2.43 -0.65	39.59 2.40 -0.76	35.97 2.23 -0.57	36.41 2.29 -0.59	46.21 2.83 -1.14	46.45 2.87 -1.14	42.18 2.81 -0.93	41.54 2.90 -0.88	41.75 3.00 -0.88	39.50 2.84 -0.77	36.22 2.35 -0.60	36.29 2.17 -0.61
JERICHO_RISE_WT_PWR 323719	29.09 -0.43 0.00	30.29 -0.16 0.00	26.23 -0.17 0.00	22.31 -0.20 0.00	23.36 -0.24 0.00	21.62 -0.23 0.00	20.30 -0.20 0.00	23.83 -0.19 0.00	9.12 -0.15 15.22	18.67 -0.12 5.45	23.88 -0.20 0.11	33.68 -0.32 0.00	6.62 -0.24 28.06	20.47 -0.64 15.33	15.46 -0.98 16.72	32.24 -1.28 0.01	40.32 -1.80 0.12	38.29 -1.69 2.45	37.06 -1.26 0.12	36.86 -0.90 0.00	37.13 -0.74 0.00	35.11 -0.79 0.00	32.42 -0.84 0.00	32.49 -1.02 0.00
KATONAH__115KV_46KV_TB4 355592	31.48 1.97 0.00	32.50 2.05 0.00	28.19 1.78 0.00	23.99 1.49 0.00	25.11 1.51 0.00	23.26 1.40 0.00	21.81 1.31 0.00	25.57 1.55 0.00	26.24 1.75 0.00	25.99 1.76 0.00	26.10 1.91 0.00	36.58 2.58 0.00	37.57 2.65 0.00	39.30 2.86 0.00	36.04 2.87 0.00	36.52 2.99 0.00	45.85 3.61 0.00	46.04 3.60 0.00	41.56 3.12 0.00	40.59 2.82 0.00	40.57 2.71 0.00	38.52 2.62 0.00	35.47 2.21 0.00	35.84 2.33 0.00
KCE_NY_1 323755	31.28 1.77 0.00	32.24 1.79 0.00	27.94 1.54 0.00	23.81 1.31 0.00	24.98 1.38 0.00	23.12 1.27 0.00	21.68 1.19 0.00	25.39 1.37 0.00	25.84 1.35 0.00	25.50 1.27 0.00	25.36 1.17 0.00	35.60 1.60 0.00	36.46 1.54 0.00	38.24 1.81 0.00	35.02 1.85 0.00	35.38 1.84 0.00	44.80 2.56 0.00	45.20 2.77 0.00	41.04 2.60 0.00	40.47 2.71 0.00	40.39 2.52 0.00	38.07 2.18 0.00	34.97 1.70 0.00	35.41 1.89 0.00
KCE_NY_6_ESR 323823	30.00 0.48 0.00	30.64 0.18 0.00	26.33 -0.07 0.00	22.36 -0.13 0.00	23.47 -0.13 0.00	21.64 -0.21 0.00	20.22 -0.28 0.00	24.06 0.04 0.00	24.73 0.25 0.00	24.51 0.28 0.00	24.29 0.10 0.00	34.86 0.86 0.00	36.39 1.47 0.00	37.87 1.43 0.00	34.38 1.21 0.00	34.95 1.42 0.00	43.72 1.48 0.00	44.26 1.83 0.00	39.81 1.37 0.00	39.09 1.32 0.00	39.30 1.44 0.00	37.24 1.34 0.00	34.30 1.03 0.00	34.26 0.75 0.00
KEDC_PORT_JEFF_GT2 24210	31.55 2.04 0.00	33.15 2.70 0.00	29.95 2.40 -1.15	27.33 2.09 -2.75	26.83 2.14 -1.10	24.21 1.97 -0.39	22.23 1.73 0.00	25.91 1.88 0.00	26.65 2.17 0.00	26.17 1.94 0.00	26.13 1.94 0.00	36.27 2.28 0.00	37.63 2.71 0.00	39.29 2.85 0.00	35.94 2.77 0.00	36.60 3.06 0.00	54.48 3.57 -8.67	63.22 3.46 -17.33	41.14 2.70 0.00	39.16 2.15 0.75	38.98 1.95 0.84	37.90 2.00 0.00	35.18 1.92 0.00	36.03 2.52 0.00
KEDC_PORT_JEFF_GT3 24211	31.55 2.04 0.00	33.15 2.70 0.00	29.95 2.40 -1.15	27.33 2.09 -2.75	26.83 2.14 -1.10	24.21 1.97 -0.39	22.23 1.73 0.00	25.91 1.88 0.00	26.65 2.17 0.00	26.17 1.94 0.00	26.13 1.94 0.00	36.27 2.28 0.00	37.63 2.71 0.00	39.29 2.85 0.00	35.94 2.77 0.00	36.60 3.06 0.00	54.48 3.57 -8.67	63.22 3.46 -17.33	41.14 2.70 0.00	39.16 2.15 0.75	38.98 1.95 0.84	37.90 2.00 0.00	35.18 1.92 0.00	36.03 2.52 0.00
KEDC_GLWD_GT4 24219	31.67 2.16 0.00	32.93 2.48 0.00	29.74 2.19 -1.15	27.14 1.89 -2.75	26.62 1.93 -1.10	24.03 1.78 -0.39	22.11 1.61 0.00	25.83 1.80 0.00	26.49 2.00 0.00	26.13 1.90 0.00	26.28 2.09 0.00	36.76 2.76 0.00	37.99 3.07 0.00	39.74 3.30 0.00	36.02 2.85 0.00	36.64 3.11 0.00	45.94 3.70 0.00	46.02 3.59 0.00	41.44 3.00 0.00	40.01 2.57 0.33	39.96 2.46 0.36	38.60 2.70 0.00	35.59 2.33 0.00	36.13 2.62 0.00
KEDC_GLWD_GT5 24220	31.67 2.16 0.00	32.93 2.48 0.00	29.74 2.19 -1.15	27.14 1.89 -2.75	26.62 1.93 -1.10	24.03 1.78 -0.39	22.11 1.61 0.00	25.83 1.80 0.00	26.49 2.00 0.00	26.13 1.90 0.00	26.28 2.09 0.00	36.76 2.76 0.00	37.99 3.07 0.00	39.74 3.30 0.00	36.02 2.85 0.00	36.64 3.11 0.00	45.94 3.70 0.00	46.02 3.59 0.00	41.44 3.00 0.33	40.01 2.57 0.33	39.96 2.46 0.36	38.60 2.70 0.00	35.59 2.33 0.00	36.13 2.62 0.00

KENSICO____ 23655	31.35 1.83 0.00	32.37 1.92 0.00	28.08 1.68 0.00	23.90 1.40 0.00	25.02 1.42 0.00	23.18 1.32 0.00	21.73 1.23 0.00	25.47 1.45 0.00	26.14 1.65 0.00	25.88 1.65 0.00	26.00 1.81 0.00	36.42 2.43 0.00	37.40 2.49 0.00	39.09 2.65 0.00	35.82 2.65 0.00	36.30 2.76 0.00	45.52 3.28 0.00	45.67 3.23 0.00	41.24 2.80 0.00	40.28 2.52 0.00	40.30 2.43 0.00	38.28 2.39 0.00	35.29 2.02 0.00	35.70 2.19 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.47 1.96 0.00	32.43 1.98 0.00	28.08 1.68 0.00	23.88 1.38 0.00	25.00 1.40 0.00	23.16 1.31 0.00	21.74 1.24 0.00	25.49 1.47 0.00	26.16 1.67 0.00	25.91 1.68 0.00	26.03 1.84 0.00	36.67 2.67 0.00	37.55 2.64 0.00	39.24 2.81 0.00	36.11 2.94 0.00	36.62 3.09 0.00	46.15 3.91 0.00	46.45 4.02 0.00	41.92 3.49 0.00	40.99 3.23 0.00	40.96 3.10 0.00	38.84 2.94 0.00	35.72 2.45 0.00	35.99 2.47 0.00
KIAC_JFK_GT1 23816	31.58 2.07 0.00	32.73 2.27 0.00	28.38 1.98 0.00	24.13 1.63 0.00	25.24 1.64 0.00	23.40 1.54 0.00	21.95 1.45 0.00	25.74 1.71 0.00	26.36 1.88 0.00	26.04 1.80 0.00	26.19 2.00 0.00	36.63 2.63 0.00	37.59 2.67 0.00	39.26 2.82 0.00	36.07 2.90 0.00	36.49 2.96 0.00	45.67 3.43 0.00	45.79 3.36 0.00	41.40 2.96 0.00	40.41 2.65 0.00	40.32 2.46 0.00	38.33 2.43 0.00	35.40 2.13 0.00	35.93 2.42 0.00
KIAC_JFK_GT2 23817	31.58 2.07 0.00	32.73 2.27 0.00	28.38 1.98 0.00	24.13 1.63 0.00	25.24 1.64 0.00	23.40 1.54 0.00	21.95 1.45 0.00	25.74 1.71 0.00	26.36 1.88 0.00	26.04 1.80 0.00	26.19 2.00 0.00	36.63 2.63 0.00	37.59 2.67 0.00	39.26 2.82 0.00	36.07 2.90 0.00	36.49 2.96 0.00	45.67 3.43 0.00	45.79 3.36 0.00	41.40 2.96 0.00	40.41 2.65 0.00	40.32 2.46 0.00	38.33 2.43 0.00	35.40 2.13 0.00	35.93 2.42 0.00
KIAC_JFK____ 323774	31.58 2.07 0.00	32.73 2.28 0.00	28.38 1.98 0.00	24.13 1.63 0.00	25.24 1.64 0.00	23.40 1.54 0.00	21.95 1.45 0.00	25.73 1.70 0.00	26.35 1.85 0.00	26.04 1.80 0.00	26.19 1.99 0.00	36.63 2.64 0.00	37.59 2.67 0.00	39.26 2.82 0.00	36.07 2.90 0.00	36.49 2.96 0.00	45.68 3.43 0.00	45.79 3.36 0.00	41.40 2.96 0.00	40.41 2.65 0.00	40.32 2.46 0.00	38.33 2.43 0.00	35.40 2.13 0.00	35.92 2.42 0.00
KINTIGH____ 23543	29.43 -0.08 0.00	30.11 -0.34 0.00	25.96 -0.44 0.00	22.10 -0.40 0.00	23.19 -0.41 0.00	21.39 -0.46 0.00	19.98 -0.52 0.00	23.69 -0.33 0.00	24.28 -0.21 0.00	24.09 -0.13 0.00	23.88 -0.31 0.00	34.13 0.14 0.00	35.57 0.65 0.00	37.02 0.58 0.00	33.58 0.41 0.00	34.10 0.56 0.00	42.68 0.44 0.00	43.20 0.77 0.00	38.88 0.44 0.00	38.19 0.42 0.00	38.41 0.54 0.00	36.36 0.47 0.00	33.56 0.29 0.00	33.60 0.09 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.79 0.27 0.00	31.15 0.70 0.00	26.88 0.48 0.00	22.84 0.34 0.00	23.92 0.33 0.00	22.16 0.31 0.00	20.80 0.31 0.00	24.43 0.41 0.00	15.76 0.52 9.25	21.48 0.56 3.31	24.65 0.53 0.07	34.72 0.72 0.00	18.72 0.86 17.05	27.42 0.31 9.32	22.74 -0.26 10.17	32.82 -0.71 0.01	40.92 -1.25 0.07	39.51 -1.05 1.87	37.81 -0.56 0.07	37.69 -0.08 0.00	38.12 0.26 0.00	36.06 0.15 0.00	32.99 -0.28 0.00	33.03 -0.48 0.00
LACHUTE__HYDRO 323717	33.00 3.49 0.00	34.10 3.65 0.00	29.38 2.98 0.00	24.90 2.40 0.00	26.06 2.47 0.00	24.17 2.31 0.00	22.68 2.18 0.00	26.46 2.44 0.00	27.01 2.52 0.00	26.46 2.23 0.00	26.02 1.84 0.00	36.57 2.57 0.00	37.57 2.66 0.00	39.93 3.49 0.00	36.88 3.72 0.00	36.99 3.46 0.00	46.90 4.66 0.00	47.99 5.56 0.00	43.75 5.31 0.00	43.30 5.54 0.00	41.58 3.72 0.00	38.38 2.48 0.00	35.13 1.87 0.00	37.69 4.18 0.00
LAWRNCV_115KV_TB1 80681	28.30 -1.39 -0.18	29.28 -1.36 -0.19	25.52 -0.88 0.00	21.70 -0.81 0.00	22.75 -0.85 0.00	21.08 -0.77 0.00	19.75 -0.74 0.00	23.21 -0.81 0.00	-85.93 -1.21 109.21	-16.04 -1.20 39.07	22.12 -1.28 0.80	32.41 -1.89 -0.30	-168.06 -1.96 201.02	-75.44 -2.23 109.65	-88.87 -2.27 119.77	31.42 -2.33 -0.22	39.02 -2.92 0.30	28.11 -2.86 11.47	35.21 -2.41 0.82	35.62 -2.15 0.00	35.85 -2.02 0.00	33.96 -1.94 0.00	31.73 -1.50 0.04	31.93 -1.58 0.01
LEDERLE____ 23769	31.41 1.89 0.00	32.41 1.95 0.00	28.10 1.70 0.00	23.90 1.40 0.00	25.01 1.41 0.00	23.17 1.32 0.00	21.73 1.24 0.00	25.50 1.48 0.00	26.20 1.71 0.00	25.97 1.74 0.00	26.07 1.89 0.00	36.58 2.58 0.00	37.61 2.69 0.00	39.37 2.93 0.00	36.07 2.90 0.00	36.58 3.05 0.00	45.94 3.70 0.00	46.09 3.66 0.00	41.61 3.17 0.00	40.62 2.86 0.00	40.62 2.75 0.00	38.57 2.67 0.00	35.49 2.23 0.00	35.84 2.33 0.00
LIGHTHSE_115KV_TB6 355974	30.83 -0.23 -1.55	31.70 -0.37 -1.62	25.95 -0.46 -0.01	22.04 -0.46 0.00	23.16 -0.44 0.00	21.41 -0.44 0.00	20.07 -0.43 0.00	23.56 -0.46 0.00	13.38 -0.45 10.66	20.09 -0.39 3.75	23.94 -0.42 -0.17	36.14 -0.46 -2.60	17.61 -0.45 16.85	28.46 -0.46 7.51	23.32 -0.54 9.32	35.47 -0.58 -2.52	46.16 -0.63 -4.55	45.47 -0.41 -3.44	41.83 -0.25 -3.64	41.23 -0.05 -3.52	41.39 -0.03 -3.56	38.98 0.00 -3.08	35.52 -0.15 -2.40	35.63 -0.33 -2.45
LINDEN COGEN____ 23786	31.41 1.90 0.00	32.42 1.96 0.00	28.13 1.74 0.00	23.96 1.45 0.00	25.06 1.46 0.00	23.21 1.36 0.00	21.77 1.27 0.00	25.53 1.50 0.00	26.20 1.71 0.00	25.99 1.76 0.00	26.11 1.92 0.00	36.56 2.57 0.00	37.56 2.64 0.00	39.21 2.77 0.00	35.99 2.82 0.00	36.48 2.95 0.00	45.63 3.39 0.00	45.68 3.24 0.00	41.28 2.84 0.00	40.31 2.55 0.00	40.24 2.37 0.00	38.21 2.32 0.00	35.29 2.02 0.00	35.00 2.20 0.71
LINDHRST_69_KV_BK1 356055	31.81 2.30 0.00	33.21 2.76 0.00	29.98 2.43 -1.15	27.36 2.11 -2.74	26.86 2.16 -1.10	24.22 1.99 -0.39	22.27 1.77 0.00	25.98 1.96 0.00	26.69 2.20 0.00	26.22 1.99 0.00	26.35 2.16 0.00	36.77 2.77 0.00	38.13 3.21 0.00	39.71 3.27 0.00	36.35 3.18 0.00	36.97 3.43 0.00	46.78 4.00 -0.53	47.42 3.92 -1.06	41.68 3.24 0.00	39.88 2.79 0.68	39.76 2.65 0.76	38.53 2.63 0.00	35.68 2.41 0.00	36.35 2.84 0.00
LIPA_MISC_IPP 23656	31.59 2.08 0.00	33.12 2.66 0.00	29.90 2.35 -1.15	27.28 2.03 -2.74	26.78 2.08 -1.10	24.15 1.91 -0.39	22.18 1.69 0.00	25.87 1.85 0.00	26.66 2.17 0.00	26.16 1.93 0.00	26.21 2.02 0.00	36.57 2.57 0.00	38.00 3.08 0.00	39.66 3.22 0.00	36.22 3.05 0.00	36.96 3.43 0.00	52.46 4.04 -6.18	58.67 3.89 -12.35	41.49 3.05 0.00	39.53 2.52 0.75	39.36 2.34 0.84	38.24 2.34 0.00	35.44 2.18 0.00	36.19 2.68 0.00
LISF__SOLAR 323691	31.69 2.18 0.00	33.21 2.76 0.00	29.99 2.44 -1.15	27.35 2.10 -2.75	26.86 2.16 -1.10	24.22 1.98 -0.39	22.25 1.75 0.00	25.93 1.91 0.00	26.73 2.24 0.00	26.24 2.01 0.00	26.29 2.10 0.00	36.68 2.68 0.00	38.10 3.18 0.00	39.77 3.33 0.00	36.33 3.15 0.00	37.08 3.54 0.00	52.92 4.20 -6.48	59.45 4.06 -12.95	41.64 3.20 0.00	39.68 2.67 0.75	39.52 2.49 0.84	38.38 2.48 0.00	35.56 2.30 0.00	36.30 2.79 0.00

LITTLE FALLS___HYD 24013	30.25 0.73 0.00	31.21 0.75 0.00	27.00 0.60 0.00	23.04 0.54 0.00	24.16 0.56 0.00	22.39 0.53 0.00	20.96 0.46 0.00	24.34 0.32 0.00	22.34 0.10 2.25	23.45 0.03 0.80	24.19 0.02 0.02	34.09 0.09 0.00	30.66 -0.12 4.14	34.15 -0.02 2.27	30.85 0.15 2.47	33.69 0.16 0.00	42.58 0.35 0.02	42.91 0.64 0.17	39.35 0.93 0.02	38.91 1.15 0.00	39.10 1.23 0.00	37.06 1.16 0.00	33.98 0.71 0.00	34.27 0.75 0.00
LITTLRIV_115KV_TB1 356100	28.68 -1.02 -0.19	29.65 -1.00 -0.20	25.82 -0.58 0.00	21.94 -0.56 0.00	23.01 -0.58 0.00	21.33 -0.53 0.00	19.98 -0.51 0.00	23.46 -0.56 0.00	-80.90 -1.05 104.34	-14.14 -1.05 37.32	22.25 -1.18 0.76	32.53 -1.79 -0.32	-158.95 -1.86 192.01	-70.38 -2.10 104.72	-83.39 -2.17 114.39	31.56 -2.22 -0.24	39.23 -2.78 0.22	29.19 -2.65 10.60	35.98 -2.13 0.33	36.48 -1.71 -0.43	36.84 -1.46 -0.43	34.87 -1.41 -0.38	32.55 -0.98 -0.26	32.70 -1.11 -0.29
LI_NEWBRDGE___DRP 323616	31.29 1.78 0.00	32.59 2.14 0.00	29.47 1.92 -1.15	26.91 1.67 -2.74	26.39 1.70 -1.10	23.81 1.57 -0.39	21.90 1.40 0.00	25.55 1.53 0.00	26.21 1.72 0.00	25.81 1.58 0.00	25.94 1.75 0.00	36.25 2.26 0.00	37.45 2.54 0.00	39.09 2.65 0.00	35.77 2.60 0.00	36.35 2.82 0.00	45.52 3.28 0.00	45.59 3.16 0.00	41.04 2.61 0.00	39.17 2.20 0.79	39.06 2.08 0.88	38.00 2.10 0.00	35.09 1.82 0.00	35.69 2.18 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.67 0.15 0.00	30.28 -0.17 0.00	26.07 -0.33 0.00	22.17 -0.33 0.00	23.26 -0.34 0.00	21.44 -0.41 0.00	20.01 -0.49 0.00	23.77 -0.25 0.00	24.37 -0.12 0.00	24.14 -0.09 0.00	23.87 -0.32 0.00	34.22 0.22 0.00	35.79 0.87 0.00	37.23 0.79 0.00	33.75 0.58 0.00	34.20 0.67 0.00	42.72 0.48 0.00	43.37 0.93 0.00	39.03 0.59 0.00	38.39 0.63 0.00	38.70 0.83 0.00	36.61 0.71 0.00	33.74 0.48 0.00	33.72 0.21 0.00
LOCKPORT___CC1 323769	29.56 0.05 0.00	30.18 -0.27 0.00	26.00 -0.41 0.00	22.10 -0.40 0.00	23.19 -0.41 0.00	21.38 -0.48 0.00	19.95 -0.55 0.00	23.72 -0.30 0.00	24.37 -0.12 0.00	24.06 -0.17 0.00	23.78 -0.41 0.00	34.09 0.10 0.00	35.65 0.73 0.00	37.08 0.64 0.00	33.62 0.44 0.00	34.08 0.55 0.00	42.57 0.33 0.00	43.20 0.76 0.00	38.87 0.43 0.00	38.23 0.47 0.00	38.54 0.68 0.00	36.48 0.58 0.00	33.62 0.36 0.00	33.62 0.11 0.00
LOCKPORT___CC2 323770	29.56 0.05 0.00	30.18 -0.27 0.00	26.00 -0.41 0.00	22.10 -0.40 0.00	23.19 -0.41 0.00	21.38 -0.48 0.00	19.95 -0.55 0.00	23.72 -0.30 0.00	24.37 -0.12 0.00	24.06 -0.17 0.00	23.78 -0.41 0.00	34.09 0.10 0.00	35.65 0.73 0.00	37.08 0.64 0.00	33.62 0.44 0.00	34.08 0.55 0.00	42.57 0.33 0.00	43.20 0.76 0.00	38.87 0.43 0.00	38.23 0.47 0.00	38.54 0.68 0.00	36.48 0.58 0.00	33.62 0.36 0.00	33.62 0.11 0.00
LOCKPORT___CC3 323771	29.56 0.05 0.00	30.18 -0.27 0.00	26.00 -0.41 0.00	22.10 -0.40 0.00	23.19 -0.41 0.00	21.38 -0.48 0.00	19.95 -0.55 0.00	23.72 -0.30 0.00	24.37 -0.12 0.00	24.06 -0.17 0.00	23.78 -0.41 0.00	34.09 0.10 0.00	35.65 0.73 0.00	37.08 0.64 0.00	33.62 0.44 0.00	34.08 0.55 0.00	42.57 0.33 0.00	43.20 0.76 0.00	38.87 0.43 0.00	38.23 0.47 0.00	38.54 0.68 0.00	36.48 0.58 0.00	33.62 0.36 0.00	33.62 0.11 0.00
LONG_LAKE_PHOENIX 24014	31.38 -0.32 -2.19	32.33 -0.41 -2.29	25.98 -0.43 -0.01	22.13 -0.38 0.00	23.21 -0.38 0.00	21.49 -0.37 0.00	20.17 -0.33 0.00	23.61 -0.41 0.00	20.74 -0.38 3.37	22.78 -0.33 1.11	24.19 -0.33 -0.33	37.34 -0.34 -3.68	32.38 -0.28 2.25	37.33 -0.26 -1.16	32.60 -0.26 0.31	36.91 -0.20 -3.57	48.53 -0.20 -6.49	48.36 -0.16 -6.09	43.53 -0.11 -5.20	42.65 -0.06 -4.95	42.81 -0.06 -5.00	40.17 -0.06 -4.33	36.43 -0.21 -3.38	36.63 -0.32 -3.44
LOVETT___3 23632	31.19 1.68 0.00	32.19 1.74 0.00	27.92 1.52 0.00	23.75 1.25 0.00	24.86 1.26 0.00	23.03 1.18 0.00	21.60 1.10 0.00	25.34 1.32 0.00	26.02 1.53 0.00	25.78 1.55 0.00	25.88 1.69 0.00	36.28 2.29 0.00	37.29 2.38 0.00	39.02 2.58 0.00	35.74 2.57 0.00	36.23 2.69 0.00	45.49 3.25 0.00	45.63 3.19 0.00	41.19 2.75 0.00	40.22 2.46 0.00	40.23 2.37 0.00	38.22 2.32 0.00	35.20 1.93 0.00	35.57 2.06 0.00
LOVETT___4 23642	31.19 1.68 0.00	32.19 1.74 0.00	27.92 1.52 0.00	23.75 1.25 0.00	24.86 1.26 0.00	23.03 1.18 0.00	21.60 1.10 0.00	25.34 1.32 0.00	26.02 1.53 0.00	25.78 1.55 0.00	25.88 1.69 0.00	36.28 2.29 0.00	37.29 2.38 0.00	39.02 2.58 0.00	35.74 2.57 0.00	36.23 2.69 0.00	45.49 3.25 0.00	45.63 3.19 0.00	41.19 2.75 0.00	40.22 2.46 0.00	40.23 2.37 0.00	38.22 2.32 0.00	35.20 1.93 0.00	35.57 2.06 0.00
LOVETT___5 23593	31.19 1.68 0.00	32.19 1.74 0.00	27.92 1.52 0.00	23.75 1.25 0.00	24.86 1.26 0.00	23.03 1.18 0.00	21.60 1.10 0.00	25.34 1.32 0.00	26.02 1.53 0.00	25.78 1.55 0.00	25.88 1.69 0.00	36.28 2.29 0.00	37.29 2.38 0.00	39.02 2.58 0.00	35.74 2.57 0.00	36.23 2.69 0.00	45.49 3.25 0.00	45.63 3.19 0.00	41.19 2.75 0.00	40.22 2.46 0.00	40.23 2.37 0.00	38.22 2.32 0.00	35.20 1.93 0.00	35.57 2.06 0.00
LOWER RAQUET___HYD 24057	28.20 -1.51 -0.20	29.18 -1.49 -0.21	25.39 -1.01 0.00	21.57 -0.94 0.00	22.62 -0.98 0.00	20.96 -0.90 0.00	19.64 -0.86 0.00	23.08 -0.95 0.00	-76.61 -1.35 99.76	-12.78 -1.33 35.68	22.07 -1.40 0.72	32.27 -2.07 -0.34	-150.78 -2.15 183.54	-66.07 -2.43 100.08	-78.63 -2.46 109.34	31.27 -2.53 -0.27	38.92 -3.17 0.15	29.28 -3.07 10.09	35.60 -2.58 0.26	35.95 -2.27 -0.46	36.20 -2.13 -0.46	34.24 -2.06 -0.40	31.92 -1.63 -0.28	32.10 -1.73 -0.31
LOWER___HUDSON 24059	30.78 1.27 0.00	31.80 1.34 0.00	27.60 1.20 0.00	23.56 1.06 0.00	24.71 1.12 0.00	22.90 1.04 0.00	21.45 0.95 0.00	25.09 1.07 0.00	25.53 1.04 0.00	25.22 0.99 0.00	25.13 0.94 0.00	35.14 1.14 0.00	35.92 1.00 0.00	37.70 1.26 0.00	34.40 1.23 0.00	34.73 1.20 0.00	43.92 1.68 0.00	44.22 1.79 0.00	40.02 1.58 0.00	39.40 1.64 0.00	39.54 1.67 0.00	37.42 1.52 0.00	34.36 1.10 0.00	34.78 1.26 0.00
LOWVILLE_115KV_TB2 356335	30.19 0.21 -0.46	31.01 0.08 -0.48	26.25 -0.15 0.00	22.21 -0.29 0.00	23.39 -0.21 0.00	21.68 -0.18 0.00	20.26 -0.24 0.00	23.88 -0.14 0.00	-4.17 -0.16 28.50	13.94 -0.11 10.17	23.91 -0.14 0.14	34.50 -0.26 -0.76	-17.18 -0.39 51.71	8.27 -0.41 27.75	1.98 -0.58 30.61	33.68 -0.58 -0.73	42.87 -0.54 -1.17	40.66 -0.12 1.65	39.48 0.14 -0.90	39.35 0.53 -1.05	39.51 0.58 -1.07	37.24 0.42 -0.92	34.15 0.17 -0.71	34.20 -0.04 -0.73
LUTHERFT_115KV_GLOB_FND_222 355753	31.25 1.74 0.00	32.22 1.77 0.00	27.93 1.52 0.00	23.81 1.30 0.00	24.96 1.37 0.00	23.12 1.27 0.00	21.67 1.18 0.00	25.36 1.34 0.00	25.82 1.33 0.00	25.48 1.25 0.00	25.34 1.15 0.00	35.56 1.56 0.00	36.41 1.49 0.00	38.24 1.80 0.00	34.98 1.81 0.00	35.33 1.79 0.00	44.71 2.47 0.00	45.12 2.68 0.00	40.98 2.54 0.00	40.36 2.60 0.00	40.31 2.44 0.00	38.04 2.14 0.00	34.93 1.66 0.00	35.37 1.86 0.00

LUTHERNY_35_KV_BK2 355980	31.28 1.77 0.00	32.24 1.79 0.00	27.94 1.54 0.00	23.81 1.31 0.00	24.98 1.38 0.00	23.12 1.27 0.00	21.68 1.19 0.00	25.39 1.37 0.00	25.84 1.35 0.00	25.50 1.27 0.00	25.36 1.17 0.00	35.59 1.60 0.00	36.46 1.54 0.00	38.24 1.81 0.00	35.03 1.85 0.00	35.38 1.84 0.00	44.80 2.56 0.00	45.20 2.77 0.00	41.04 2.60 0.00	40.47 2.71 0.00	40.39 2.53 0.00	38.07 2.17 0.00	34.97 1.70 0.00	35.41 1.90 0.00
LWR__OSWEGATCHIE_HYD 23850	29.02 -0.88 -0.40	29.87 -1.00 -0.42	25.53 -0.88 0.00	21.58 -0.92 0.00	22.71 -0.89 0.00	21.03 -0.83 0.00	19.67 -0.83 0.00	23.15 -0.87 0.00	-44.33 -1.11 67.72	-1.00 -1.02 24.21	22.71 -1.03 0.45	33.15 -1.51 -0.67	-90.85 -1.65 124.12	-32.76 -1.81 67.39	-42.46 -1.81 73.82	32.32 -1.81 -0.61	40.78 -2.15 -0.68	34.56 -1.82 6.06	37.52 -1.37 -0.45	37.68 -0.99 -0.91	37.90 -0.88 -0.92	35.74 -0.95 -0.80	32.94 -0.92 -0.60	32.99 -1.15 -0.63
LYONS_FALL_HYD 23570	30.31 0.47 -0.33	31.16 0.36 -0.34	26.56 0.16 0.00	22.53 0.03 0.00	23.69 0.09 0.00	21.96 0.10 0.00	20.54 0.04 0.00	24.16 0.14 0.00	5.72 0.14 18.91	17.66 0.18 6.75	24.28 0.18 0.09	34.81 0.26 -0.54	0.85 0.19 34.26	18.30 0.22 18.36	12.98 0.08 20.27	34.17 0.11 -0.52	43.39 0.29 -0.86	42.00 0.55 0.99	39.79 0.68 -0.67	39.46 0.92 -0.77	39.60 0.96 -0.78	37.37 0.80 -0.67	34.31 0.52 -0.52	34.40 0.35 -0.53
MADISON__COUNTY_LFGE 323628	30.83 0.99 -0.32	31.71 0.92 -0.34	27.09 0.69 0.00	23.06 0.56 0.00	24.20 0.61 0.00	22.42 0.56 0.00	21.02 0.52 0.00	24.62 0.60 0.00	19.38 0.62 5.73	22.86 0.67 2.04	24.88 0.68 -0.01	35.67 1.14 -0.53	26.13 1.19 9.97	32.64 1.29 5.09	28.53 1.14 5.78	35.30 1.24 -0.52	44.89 1.65 -1.01	44.63 1.72 -0.48	40.91 1.66 -0.81	40.33 1.75 -0.81	40.48 1.80 -0.82	38.24 1.63 -0.71	35.07 1.25 -0.55	35.18 1.11 -0.56
MALONE__115KV_TB1 356076	29.12 -0.40 0.00	30.25 -0.21 0.00	26.25 -0.15 0.00	22.31 -0.20 0.00	23.36 -0.24 0.00	21.64 -0.22 0.00	20.31 -0.19 0.00	23.87 -0.15 0.00	-12.15 -0.18 36.45	11.03 -0.16 13.04	23.67 -0.24 0.28	33.62 -0.38 0.00	-32.58 -0.29 67.20	-0.93 -0.65 36.72	-7.86 -0.97 40.07	32.29 -1.22 0.03	40.29 -1.67 0.28	36.39 -1.53 4.52	37.09 -1.08 0.28	37.02 -0.74 0.00	37.31 -0.56 0.00	35.29 -0.61 0.00	32.64 -0.61 0.01	32.71 -0.80 0.00
MAPLEWOD_115KV_TB3 80458	30.63 1.12 0.00	31.60 1.15 0.00	27.43 1.03 0.00	23.43 0.93 0.00	24.56 0.97 0.00	22.76 0.90 0.00	21.32 0.82 0.00	24.96 0.94 0.00	25.42 0.94 0.00	25.14 0.91 0.00	25.09 0.90 0.00	35.08 1.09 0.00	35.94 1.03 0.00	37.70 1.26 0.00	34.39 1.22 0.00	34.76 1.22 0.00	43.90 1.66 0.00	44.17 1.74 0.00	39.96 1.52 0.00	39.30 1.53 0.00	39.41 1.55 0.00	37.34 1.44 0.00	34.29 1.02 0.00	34.61 1.10 0.00
MAPLE_RIDGE_WT_1 323574	29.01 -0.50 0.00	29.87 -0.58 0.00	25.80 -0.60 0.00	22.01 -0.49 0.00	23.02 -0.58 0.00	21.38 -0.47 0.00	20.03 -0.47 0.00	23.64 -0.38 0.00	29.02 -0.36 -4.89	25.63 -0.35 -1.75	23.84 -0.39 -0.04	33.40 -0.59 0.00	43.29 -0.64 -9.01	40.60 -0.76 -4.92	37.69 -0.85 -5.37	32.63 -0.91 0.00	41.13 -1.14 -0.04	40.67 -0.76 1.01	38.02 -0.45 -0.02	37.38 -0.39 0.00	37.49 -0.38 0.00	35.51 -0.39 0.00	32.98 -0.28 0.00	33.22 -0.29 0.00
MAPLE_RIDGE_WT_2 323611	29.01 -0.50 0.00	29.87 -0.58 0.00	25.80 -0.60 0.00	22.01 -0.49 0.00	23.02 -0.58 0.00	21.38 -0.47 0.00	20.03 -0.47 0.00	23.64 -0.38 0.00	29.02 -0.36 -4.89	25.63 -0.35 -1.75	23.84 -0.39 -0.04	33.40 -0.59 0.00	43.29 -0.64 -9.01	40.60 -0.76 -4.92	37.69 -0.85 -5.37	32.63 -0.91 0.00	41.13 -1.14 -0.04	40.67 -0.76 1.01	38.02 -0.45 -0.02	37.38 -0.39 0.00	37.49 -0.38 0.00	35.51 -0.39 0.00	32.98 -0.28 0.00	33.22 -0.29 0.00
MARBLE_RIVER_WT_PWR 323696	29.25 -0.26 0.00	30.51 0.06 0.00	26.40 0.00 0.00	22.44 -0.06 0.00	23.50 -0.10 0.00	21.77 -0.09 0.00	20.43 -0.06 0.00	23.99 -0.03 0.00	18.34 0.01 6.16	22.08 0.06 2.20	24.13 -0.01 0.05	33.95 -0.05 0.00	23.59 0.04 11.36	29.84 -0.39 6.21	25.59 -0.80 6.77	32.38 -1.15 0.00	40.51 -1.69 0.05	39.30 -1.57 1.57	37.29 -1.10 0.05	37.05 -0.71 0.00	37.36 -0.50 0.00	35.32 -0.58 0.00	32.50 -0.76 0.00	32.56 -0.95 0.00
MARSHVLE_115KV_TB1 80742	31.69 2.18 0.00	32.54 2.09 0.00	28.10 1.70 0.00	23.93 1.42 0.00	25.07 1.47 0.00	23.18 1.32 0.00	21.64 1.14 0.00	25.16 1.14 0.00	25.58 1.09 0.00	25.28 1.05 0.00	25.28 1.09 0.00	35.86 1.87 0.00	36.94 2.03 0.00	38.54 2.11 0.00	34.86 1.69 0.00	35.24 1.71 0.00	44.41 2.17 0.00	44.64 2.21 0.00	40.85 2.41 0.00	40.54 2.78 0.00	40.82 2.95 0.00	38.66 2.76 0.00	35.98 2.72 0.00	36.04 2.52 0.00
MARSH_HILL_WT_PWR 323713	30.25 0.51 -0.23	31.18 0.49 -0.24	26.48 0.08 0.00	22.51 0.00 0.00	23.64 0.05 0.00	21.82 -0.03 0.00	20.59 0.09 0.00	24.42 0.40 0.00	25.09 0.60 -0.01	24.88 0.64 -0.01	24.68 0.45 -0.04	35.53 1.13 -0.40	36.96 1.61 -0.43	38.47 1.55 -0.47	34.96 1.44 -0.36	35.46 1.56 -0.37	44.68 1.70 -0.74	45.13 1.96 -0.74	40.76 1.72 -0.60	40.18 1.85 -0.57	40.43 1.99 -0.57	38.33 1.93 -0.50	35.14 1.49 -0.39	35.19 1.28 -0.40
MCINTYRE_115KV_TB2 80467	28.85 -0.67 0.00	29.82 -0.64 0.00	26.14 -0.26 0.00	22.23 -0.27 0.00	23.32 -0.28 0.00	21.60 -0.25 0.00	20.23 -0.26 0.00	23.74 -0.28 0.00	-88.04 -0.83 111.70	-16.60 -0.86 39.97	22.34 -1.00 0.84	32.42 -1.58 0.00	-172.66 -1.63 205.94	-77.94 -1.84 112.54	-91.56 -1.95 122.79	31.47 -1.98 0.07	38.88 -2.50 0.86	28.16 -2.36 11.92	35.76 -1.85 0.84	36.40 -1.36 0.00	36.83 -1.04 0.00	34.91 -0.98 0.00	32.71 -0.51 0.04	32.87 -0.63 0.01
MECO____69_KV_BK1 80468	33.36 3.84 0.00	34.20 3.75 0.00	29.44 3.04 0.00	25.05 2.55 0.00	26.21 2.61 0.00	24.21 2.36 0.00	22.37 1.87 0.00	25.03 1.00 0.00	25.07 0.58 0.00	24.50 0.27 0.00	24.62 0.44 0.00	35.03 1.03 0.00	35.40 0.48 0.00	37.41 0.97 0.00	34.19 1.02 0.00	34.21 0.67 0.00	43.68 1.44 0.00	45.13 2.70 0.00	42.96 4.52 0.00	43.30 5.54 0.00	43.78 5.91 0.00	41.41 5.51 0.00	38.17 4.91 0.00	37.99 4.47 0.00
MENANDS__115KV_TB5 355628	30.40 0.88 0.00	31.38 0.92 0.00	27.25 0.85 0.00	23.28 0.77 0.00	24.42 0.82 0.00	22.62 0.77 0.00	21.19 0.70 0.00	24.81 0.78 0.00	25.27 0.78 0.00	24.98 0.75 0.00	24.93 0.75 0.00	34.84 0.84 0.00	35.63 0.72 0.00	37.39 0.96 0.00	34.11 0.95 0.00	34.47 0.93 0.00	43.52 1.28 0.00	43.77 1.34 0.00	39.56 1.12 0.00	38.90 1.13 0.00	39.03 1.17 0.00	36.98 1.08 0.00	33.97 0.71 0.00	34.31 0.79 0.00
MG INDUSTRY__DRP 24185	30.35 0.84 0.00	31.33 0.88 0.00	27.21 0.81 0.00	23.23 0.73 0.00	24.38 0.78 0.00	22.59 0.73 0.00	21.15 0.65 0.00	24.70 0.68 0.00	25.08 0.59 0.00	24.76 0.52 0.00	24.66 0.47 0.00	34.48 0.48 0.00	35.32 0.40 0.00	37.10 0.66 0.00	33.71 0.54 0.00	34.14 0.61 0.00	43.08 0.84 0.00	43.36 0.93 0.00	39.28 0.84 0.00	38.69 0.93 0.00	38.88 1.01 0.00	36.84 0.95 0.00	33.90 0.63 0.00	34.20 0.69 0.00

MID___OSWEGATCHIE_HYD 23849	29.02 -0.88 -0.40	29.87 -1.00 -0.42	25.53 -0.88 0.00	21.58 -0.92 0.00	22.71 -0.89 0.00	21.03 -0.83 0.00	19.67 -0.83 0.00	23.15 -0.87 0.00	-44.33 -1.11 67.72	-1.00 -1.02 24.21	22.71 -1.03 0.45	33.15 -1.51 -0.67	-90.85 -1.65 124.12	-32.76 -1.81 67.39	-42.46 -1.81 73.82	32.32 -1.81 -0.61	40.78 -2.15 -0.68	34.56 -1.82 6.06	37.52 -1.37 -0.45	37.68 -0.99 -0.91	37.90 -0.88 -0.92	35.74 -0.95 -0.80	32.94 -0.92 -0.60	32.99 -1.15 -0.63
MID___RAQUETTE_HYD 23851	28.20 -1.51 -0.20	29.18 -1.49 -0.21	25.39 -1.01 0.00	21.57 -0.94 0.00	22.62 -0.98 0.00	20.96 -0.90 0.00	19.64 -0.86 0.00	23.08 -0.95 0.00	-76.61 -1.34 99.76	-12.78 -1.33 35.68	22.07 -1.40 0.72	32.27 -2.07 -0.34	-150.78 -2.15 183.54	-66.07 -2.43 100.08	-78.63 -2.46 109.34	31.27 -2.53 -0.27	38.92 -3.16 0.15	29.28 -3.07 10.09	35.61 -2.57 0.26	35.95 -2.27 -0.46	36.20 -2.13 -0.46	34.24 -2.06 -0.40	31.92 -1.63 -0.28	32.10 -1.73 -0.31
MILLIKEN___1 23584	31.01 0.81 -0.68	31.94 0.77 -0.71	26.92 0.51 0.00	22.93 0.43 0.00	24.06 0.47 0.00	22.26 0.41 0.00	20.87 0.38 0.00	24.45 0.42 0.00	24.92 0.40 -0.02	24.71 0.44 -0.04	24.70 0.40 -0.12	35.99 0.76 -1.23	37.25 1.04 -1.29	38.99 1.11 -1.43	35.32 1.08 -1.08	35.81 1.16 -1.12	45.91 1.49 -2.19	46.26 1.64 -2.18	41.83 1.62 -1.78	41.11 1.67 -1.68	41.32 1.75 -1.70	38.96 1.59 -1.47	35.63 1.21 -1.15	35.78 1.10 -1.17
MILLIKEN___2 23585	31.01 0.81 -0.68	31.94 0.77 -0.71	26.92 0.51 0.00	22.93 0.43 0.00	24.06 0.47 0.00	22.26 0.41 0.00	20.87 0.38 0.00	24.45 0.42 0.00	24.92 0.40 -0.02	24.71 0.44 -0.04	24.70 0.40 -0.12	35.99 0.76 -1.23	37.25 1.04 -1.29	38.99 1.11 -1.43	35.32 1.08 -1.08	35.81 1.16 -1.12	45.91 1.49 -2.19	46.26 1.64 -2.18	41.83 1.62 -1.78	41.11 1.67 -1.68	41.32 1.75 -1.70	38.96 1.59 -1.47	35.63 1.21 -1.15	35.78 1.10 -1.17
MILLIKEN___DIESEL 23629	31.01 0.81 -0.68	31.94 0.77 -0.71	26.92 0.51 0.00	22.93 0.43 0.00	24.06 0.47 0.00	22.26 0.41 0.00	20.87 0.38 0.00	24.45 0.42 0.00	24.92 0.40 -0.02	24.71 0.44 -0.04	24.70 0.40 -0.12	35.99 0.76 -1.23	37.25 1.04 -1.29	38.99 1.11 -1.43	35.32 1.08 -1.08	35.81 1.16 -1.12	45.91 1.49 -2.19	46.26 1.64 -2.18	41.83 1.62 -1.78	41.11 1.67 -1.68	41.32 1.75 -1.70	38.96 1.59 -1.47	35.63 1.21 -1.15	35.78 1.10 -1.17
MILLSEAT___LFGE 323607	30.31 0.80 0.00	30.92 0.47 0.00	26.62 0.22 0.00	22.61 0.11 0.00	23.71 0.11 0.00	21.86 0.01 0.00	20.40 -0.09 0.00	24.24 0.21 0.00	24.86 0.37 0.00	24.57 0.34 0.00	24.32 0.13 0.00	34.83 0.83 0.00	36.41 1.49 0.00	37.91 1.47 0.00	34.41 1.24 0.00	34.91 1.38 0.00	43.72 1.48 0.00	44.38 1.95 0.00	40.06 1.62 0.00	39.47 1.71 0.00	39.75 1.89 0.00	37.57 1.67 0.00	34.54 1.27 0.00	34.46 0.95 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.28 1.77 0.00	32.30 1.85 0.00	28.02 1.61 0.00	23.85 1.35 0.00	24.96 1.36 0.00	23.12 1.27 0.00	21.68 1.18 0.00	25.42 1.40 0.00	26.08 1.60 0.00	25.83 1.60 0.00	25.93 1.75 0.00	36.34 2.34 0.00	37.31 2.39 0.00	39.01 2.57 0.00	35.74 2.57 0.00	36.21 2.68 0.00	45.44 3.20 0.00	45.59 3.16 0.00	41.17 2.73 0.00	40.23 2.46 0.00	40.23 2.37 0.00	38.22 2.32 0.00	35.22 1.96 0.00	35.62 2.11 0.00
MILLWOOD_13_KV_LOAD 356217	31.39 1.88 0.00	32.41 1.96 0.00	28.11 1.71 0.00	23.93 1.42 0.00	25.04 1.44 0.00	23.20 1.34 0.00	21.75 1.25 0.00	25.50 1.48 0.00	26.17 1.68 0.00	25.92 1.69 0.00	26.03 1.84 0.00	36.48 2.48 0.00	37.46 2.55 0.00	39.17 2.73 0.00	35.89 2.72 0.00	36.38 2.84 0.00	45.65 3.41 0.00	45.82 3.39 0.00	41.38 2.94 0.00	40.42 2.66 0.00	40.42 2.55 0.00	38.39 2.49 0.00	35.36 2.10 0.00	35.75 2.24 0.00
MODEL_CITY_ENERGY 24167	29.41 -0.10 0.00	30.04 -0.41 0.00	25.88 -0.52 0.00	22.01 -0.49 0.00	23.09 -0.50 0.00	21.29 -0.57 0.00	19.86 -0.64 0.00	23.62 -0.40 0.00	24.25 -0.23 0.00	23.96 -0.27 0.00	23.69 -0.50 0.00	33.96 -0.04 0.00	35.50 0.59 0.00	36.92 0.49 0.00	33.47 0.30 0.00	33.87 0.33 0.00	42.31 0.07 0.00	42.94 0.51 0.00	38.64 0.20 0.00	38.01 0.25 0.00	38.31 0.45 0.00	36.26 0.36 0.00	33.44 0.18 0.00	33.45 -0.06 0.00
MODERN_LFGE___ 323580	29.41 -0.10 0.00	30.04 -0.41 0.00	25.88 -0.52 0.00	22.01 -0.49 0.00	23.09 -0.50 0.00	21.29 -0.57 0.00	19.86 -0.64 0.00	23.62 -0.40 0.00	24.25 -0.23 0.00	23.96 -0.27 0.00	23.69 -0.50 0.00	33.96 -0.04 0.00	35.50 0.59 0.00	36.92 0.49 0.00	33.47 0.30 0.00	33.87 0.33 0.00	42.31 0.07 0.00	42.94 0.51 0.00	38.64 0.20 0.00	38.01 0.25 0.00	38.31 0.45 0.00	36.26 0.36 0.00	33.44 0.18 0.00	33.45 -0.06 0.00
MOHAWK_PAPER___DRP 24187	30.63 1.12 0.00	31.60 1.15 0.00	27.43 1.03 0.00	23.43 0.93 0.00	24.56 0.97 0.00	22.76 0.90 0.00	21.32 0.82 0.00	24.96 0.94 0.00	25.42 0.94 0.00	25.14 0.91 0.00	25.09 0.90 0.00	35.08 1.09 0.00	35.94 1.03 0.00	37.70 1.26 0.00	34.39 1.22 0.00	34.76 1.22 0.00	43.90 1.66 0.00	44.17 1.74 0.00	39.96 1.52 0.00	39.30 1.53 0.00	39.41 1.55 0.00	37.34 1.44 0.00	34.29 1.02 0.00	34.61 1.10 0.00
MOHICAN___35_KV_115KV_LD 80490	31.50 1.99 0.00	32.48 2.03 0.00	28.11 1.71 0.00	23.93 1.43 0.00	25.08 1.48 0.00	23.24 1.39 0.00	21.79 1.29 0.00	25.50 1.47 0.00	25.97 1.48 0.00	25.57 1.34 0.00	25.29 1.09 0.00	35.46 1.46 0.00	36.29 1.37 0.00	38.25 1.82 0.00	35.13 1.96 0.00	35.46 1.93 0.00	44.96 2.72 0.00	45.58 3.15 0.00	41.53 3.10 0.00	40.89 3.13 0.00	40.46 2.60 0.00	37.99 2.09 0.00	34.84 1.57 0.00	35.65 2.14 0.00
MONGAUP___HYD 23641	31.34 1.82 0.00	32.29 1.84 0.00	27.97 1.57 0.00	23.79 1.29 0.00	24.91 1.32 0.00	23.08 1.22 0.00	21.65 1.15 0.00	25.37 1.35 0.00	25.92 1.43 0.00	25.55 1.32 0.00	25.54 1.35 0.00	35.77 1.77 0.00	36.86 1.95 0.00	38.38 1.94 0.00	35.21 2.04 0.00	35.93 2.40 0.00	45.25 3.00 0.00	45.67 3.24 0.00	41.39 2.95 0.00	40.63 2.87 0.00	40.72 2.86 0.00	38.61 2.71 0.00	35.50 2.24 0.00	35.75 2.24 0.00
MONTAUK___DIESEL 23721	32.01 2.50 0.00	33.63 3.17 0.00	30.17 2.62 -1.15	27.28 2.04 -2.74	26.78 2.09 -1.10	24.16 1.92 -0.39	22.20 1.70 0.00	26.20 2.17 0.00	27.30 2.81 0.00	26.77 2.54 0.00	26.84 2.65 0.00	37.82 3.82 0.00	39.98 5.07 0.00	41.76 5.32 0.00	37.50 4.33 0.00	38.99 5.46 0.00	55.25 6.72 -6.29	61.04 6.04 -12.57	42.32 3.89 0.00	40.14 3.13 0.75	40.09 3.06 0.84	39.04 3.14 0.00	36.87 3.60 0.00	37.85 4.34 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.83 1.32 0.00	31.50 1.05 0.00	26.95 0.55 0.00	22.86 0.36 0.00	23.98 0.39 0.00	22.12 0.27 0.00	20.73 0.23 0.00	24.67 0.65 0.00	25.38 0.89 0.00	25.21 0.99 0.00	25.02 0.83 0.00	36.02 2.02 0.00	37.53 2.61 0.00	39.08 2.64 0.00	35.20 2.04 0.00	35.76 2.23 0.00	44.83 2.59 0.00	45.19 2.76 0.00	40.62 2.18 0.00	39.76 2.00 0.00	40.35 2.48 0.00	38.32 2.42 0.00	35.18 1.91 0.00	35.11 1.60 0.00

MORTIMER_115KV_TB3 55949	29.88 0.37 0.00	30.60 0.14 0.00	26.38 -0.02 0.00	22.44 -0.06 0.00	23.54 -0.06 0.00	21.74 -0.12 0.00	20.33 -0.17 0.00	24.01 -0.01 0.00	24.59 0.10 0.00	24.42 0.19 0.00	24.29 0.10 0.00	34.61 0.61 0.00	35.97 1.05 0.00	37.54 1.10 0.00	34.11 0.94 0.00	34.63 1.09 0.00	43.49 1.25 0.00	44.00 1.57 0.00	39.72 1.28 0.00	39.03 1.26 0.00	39.16 1.29 0.00	37.01 1.11 0.00	34.06 0.79 0.00	34.07 0.55 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.55 2.04 0.00	32.57 2.12 0.00	28.26 1.85 0.00	24.06 1.56 0.00	25.16 1.57 0.00	23.31 1.45 0.00	21.86 1.36 0.00	25.63 1.60 0.00	26.31 1.81 0.00	26.06 1.83 0.00	26.19 2.00 0.00	36.69 2.69 0.00	37.64 2.72 0.00	39.27 2.83 0.00	36.02 2.85 0.00	36.49 2.96 0.00	45.68 3.44 0.00	45.79 3.36 0.00	41.37 2.93 0.00	40.40 2.63 0.00	40.40 2.53 0.00	38.38 2.48 0.00	35.45 2.19 0.00	35.93 2.42 0.00
MUNSVILLE_WIND_PWR 323609	32.14 2.20 -0.43	33.21 2.30 -0.45	28.26 1.85 0.00	24.13 1.63 0.00	25.41 1.81 0.00	23.49 1.63 0.00	22.17 1.67 0.00	27.04 3.02 0.00	27.69 3.19 -0.01	27.32 3.08 -0.01	27.27 3.03 -0.05	39.30 4.80 -0.50	39.11 3.42 -0.77	40.45 3.10 -0.91	36.79 2.94 -0.69	37.21 2.96 -0.71	47.49 3.87 -1.38	47.93 4.12 -1.38	43.67 4.10 -1.12	43.18 4.35 -1.06	43.46 4.53 -1.07	41.04 4.21 -0.93	37.50 3.51 -0.72	37.50 3.25 -0.74
N SALMON___HYD 24042	29.12 -0.40 0.00	30.25 -0.21 0.00	26.25 -0.15 0.00	22.31 -0.20 0.00	23.36 -0.24 0.00	21.64 -0.22 0.00	20.31 -0.19 0.00	23.87 -0.15 0.00	-12.15 -0.19 36.45	11.03 -0.16 13.04	23.67 -0.24 0.28	33.62 -0.38 0.00	-32.58 -0.29 67.20	-0.93 -0.65 36.72	-7.86 -0.97 40.07	32.29 -1.22 0.03	40.29 -1.67 0.28	36.39 -1.53 4.52	37.09 -1.08 0.28	37.02 -0.74 0.00	37.31 -0.56 0.00	35.29 -0.61 0.00	32.64 -0.61 0.01	32.71 -0.80 0.00
N.AKRON___115KV_KNAPP 355671	30.20 0.68 0.00	30.81 0.35 0.00	26.51 0.11 0.00	22.53 0.03 0.00	23.63 0.03 0.00	21.80 -0.06 0.00	20.33 -0.17 0.00	24.15 0.12 0.00	24.73 0.24 0.00	24.52 0.28 0.00	24.25 0.07 0.00	34.77 0.77 0.00	36.35 1.44 0.00	37.85 1.41 0.00	34.33 1.16 0.00	34.82 1.29 0.00	43.55 1.31 0.00	44.21 1.78 0.00	39.86 1.42 0.00	39.26 1.49 0.00	39.54 1.68 0.00	37.38 1.48 0.00	34.38 1.12 0.00	34.33 0.81 0.00
N.BELMOR_69_KV_BK1 55787	31.63 2.11 0.00	32.90 2.45 0.00	29.73 2.17 -1.15	27.13 1.89 -2.74	26.62 1.92 -1.10	24.02 1.78 -0.39	22.09 1.59 0.00	25.79 1.77 0.00	26.46 1.97 0.00	26.06 1.83 0.00	26.22 2.03 0.00	36.64 2.65 0.00	37.89 2.98 0.00	39.57 3.14 0.00	36.14 2.97 0.00	36.70 3.17 0.00	45.90 3.66 0.00	46.00 3.57 0.00	41.42 2.98 0.00	39.81 2.56 0.51	39.87 2.57 0.57	38.44 2.55 0.00	35.49 2.23 0.00	36.07 2.56 0.00
N.E_GEN_SANDY PD 24062	30.69 1.30 0.12	31.85 1.40 0.00	28.95 1.28 -1.27	26.74 1.11 -3.13	27.63 1.15 -2.88	26.57 1.08 -3.63	21.19 1.00 0.31	27.68 1.12 -2.53	25.66 1.17 0.00	25.36 1.13 0.00	25.33 1.14 0.00	35.38 1.38 0.00	36.13 1.21 0.00	41.68 1.47 -3.78	32.98 1.45 1.64	34.94 1.40 0.00	48.91 1.83 -4.84	44.35 1.91 0.00	40.04 1.60 0.00	38.18 1.58 1.16	40.68 1.63 -1.18	37.47 1.57 0.00	34.37 1.15 0.05	35.26 1.33 -0.42
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.28 1.76 0.00	32.27 1.82 0.00	27.99 1.59 0.00	23.81 1.31 0.00	24.92 1.32 0.00	23.09 1.23 0.00	21.65 1.16 0.00	25.40 1.38 0.00	26.09 1.60 0.00	25.85 1.62 0.00	25.95 1.76 0.00	36.40 2.40 0.00	37.41 2.50 0.00	39.17 2.73 0.00	35.88 2.71 0.00	36.38 2.85 0.00	45.68 3.44 0.00	45.83 3.40 0.00	41.38 2.94 0.00	40.40 2.63 0.00	40.40 2.53 0.00	38.36 2.46 0.00	35.32 2.05 0.00	35.68 2.17 0.00
N.QUEENS_27_KV_LOAD 356247	31.66 2.15 0.00	32.65 2.20 0.00	28.36 1.96 0.00	24.14 1.64 0.00	25.23 1.63 0.00	23.40 1.54 0.00	21.94 1.44 0.00	25.71 1.68 0.00	26.40 1.91 0.00	26.15 1.92 0.00	26.32 2.13 0.00	36.75 2.75 0.00	37.68 2.76 0.00	39.28 2.84 0.00	36.08 2.91 0.00	36.58 3.04 0.00	45.73 3.49 0.00	45.82 3.38 0.00	41.40 2.96 0.00	40.50 2.74 0.00	40.51 2.65 0.00	38.47 2.58 0.00	35.47 2.20 0.00	36.01 2.50 0.00
N.TROY___115KV_TB1 355778	30.78 1.27 0.00	31.79 1.34 0.00	27.60 1.20 0.00	23.56 1.06 0.00	24.71 1.12 0.00	22.90 1.04 0.00	21.46 0.96 0.00	25.10 1.07 0.00	25.54 1.05 0.00	25.22 0.99 0.00	25.13 0.94 0.00	35.14 1.14 0.00	35.92 1.00 0.00	37.70 1.26 0.00	34.40 1.23 0.00	34.73 1.19 0.00	43.92 1.68 0.00	44.22 1.79 0.00	40.02 1.58 0.00	39.41 1.65 0.00	39.54 1.67 0.00	37.42 1.52 0.00	34.36 1.10 0.00	34.78 1.27 0.00
NARROWS_GT1_1 24228	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.72 0.00	26.42 1.93 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.52 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.18 2.67 0.00
NARROWS_GT1_2 24229	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.72 0.00	26.42 1.93 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.52 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.18 2.67 0.00
NARROWS_GT1_3 24230	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.72 0.00	26.42 1.93 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.52 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.18 2.67 0.00
NARROWS_GT1_4 24231	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.72 0.00	26.42 1.93 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.52 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.18 2.67 0.00
NARROWS_GT1_5 24232	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.72 0.00	26.42 1.93 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.52 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.18 2.67 0.00

NARROWS_GT1_6 24233	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.72 0.00	26.42 1.93 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.52 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.18 2.67 0.00
NARROWS_GT1_7 24234	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.72 0.00	26.42 1.93 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.52 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.18 2.67 0.00
NARROWS_GT1_8 24235	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.72 0.00	26.42 1.93 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.52 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.18 2.67 0.00
NARROWS_GT2_1 24236	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.72 0.00	26.42 1.93 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.52 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.18 2.67 0.00
NARROWS_GT2_2 24237	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.72 0.00	26.42 1.93 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.52 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.18 2.67 0.00
NARROWS_GT2_3 24238	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.72 0.00	26.42 1.93 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.52 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.18 2.67 0.00
NARROWS_GT2_4 24239	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.72 0.00	26.42 1.93 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.52 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.18 2.67 0.00
NARROWS_GT2_5 24240	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.72 0.00	26.42 1.93 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.52 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.18 2.67 0.00
NARROWS_GT2_6 24241	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.72 0.00	26.42 1.93 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.52 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.18 2.67 0.00
NARROWS_GT2_7 24242	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.72 0.00	26.42 1.93 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.52 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.18 2.67 0.00
NARROWS_GT2_8 24243	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.72 0.00	26.42 1.93 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.52 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.18 2.67 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.19 1.68 0.00	32.13 1.68 0.00	27.85 1.45 0.00	23.77 1.27 0.00	24.94 1.35 0.00	23.11 1.25 0.00	21.63 1.14 0.00	25.32 1.30 0.00	25.67 1.18 0.00	25.32 1.09 0.00	25.18 0.99 0.00	35.25 1.26 0.00	35.93 1.02 0.00	37.82 1.38 0.00	34.56 1.39 0.00	35.10 1.57 0.00	44.32 2.07 0.00	44.67 2.24 0.00	40.59 2.15 0.00	40.06 2.30 0.00	40.28 2.42 0.00	38.10 2.20 0.00	34.86 1.60 0.00	35.04 1.53 0.00
NCHELSEA_115KV_TR2 355582	31.54 2.03 0.00	32.55 2.10 0.00	28.21 1.81 0.00	24.01 1.50 0.00	25.14 1.54 0.00	23.29 1.43 0.00	21.86 1.36 0.00	25.62 1.60 0.00	26.28 1.79 0.00	26.01 1.78 0.00	26.12 1.93 0.00	36.63 2.63 0.00	37.64 2.72 0.00	39.39 2.95 0.00	36.10 2.93 0.00	36.59 3.05 0.00	46.00 3.76 0.00	46.24 3.81 0.00	41.75 3.31 0.00	40.78 3.02 0.00	40.78 2.91 0.00	38.68 2.78 0.00	35.59 2.32 0.00	35.90 2.39 0.00
NEG CAPITAL____MECHNVIL 23645	31.31 1.80 0.00	32.28 1.83 0.00	27.98 1.58 0.00	23.85 1.35 0.00	25.01 1.41 0.00	23.16 1.31 0.00	21.71 1.21 0.00	25.41 1.39 0.00	25.85 1.36 0.00	25.53 1.30 0.00	25.42 1.23 0.00	35.66 1.66 0.00	36.52 1.60 0.00	38.36 1.92 0.00	35.08 1.91 0.00	35.43 1.89 0.00	44.83 2.59 0.00	45.24 2.81 0.00	41.06 2.62 0.00	40.43 2.67 0.00	40.41 2.55 0.00	38.14 2.24 0.00	34.99 1.73 0.00	35.40 1.89 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.36 -0.15 0.00	30.07 -0.38 0.00	25.94 -0.46 0.00	22.07 -0.43 0.00	23.15 -0.45 0.00	21.39 -0.46 0.00	20.01 -0.49 0.00	23.62 -0.40 0.00	24.21 -0.29 0.00	24.01 -0.22 0.00	23.90 -0.28 0.00	34.01 0.02 0.00	35.29 0.37 0.00	36.84 0.40 0.00	33.51 0.34 0.00	34.01 0.47 0.00	42.77 0.53 0.00	43.26 0.83 0.00	39.10 0.66 0.00	38.42 0.66 0.00	38.48 0.62 0.00	36.34 0.44 0.00	33.42 0.15 0.00	33.45 -0.07 0.00

NEG CENTRAL___DRP 24199	30.52 0.32 -0.68	31.38 0.21 -0.71	26.43 0.02 0.00	22.51 0.01 0.00	23.62 0.02 0.00	21.84 -0.02 0.00	20.47 -0.03 0.00	24.09 0.06 0.00	22.85 0.10 1.74	23.82 0.18 0.59	24.42 0.12 -0.10	35.64 0.43 -1.21	33.65 0.73 2.00	36.81 0.76 0.39	33.02 0.76 0.91	35.50 0.85 -1.11	45.53 1.08 -2.21	45.74 1.26 -2.04	41.47 1.24 -1.80	40.74 1.26 -1.71	40.85 1.26 -1.73	38.48 1.08 -1.50	35.16 0.72 -1.17	35.25 0.55 -1.19
NEG CENTRAL___INDECK 23768	31.00 1.49 0.00	31.72 1.27 0.00	27.26 0.86 0.00	23.15 0.65 0.00	24.29 0.69 0.00	22.42 0.56 0.00	21.02 0.52 0.00	24.80 0.78 0.00	25.20 0.71 0.00	24.89 0.66 0.00	24.58 0.39 0.00	34.24 0.24 0.00	35.75 0.84 0.00	37.25 0.81 0.00	33.85 0.68 0.00	34.39 0.85 0.00	43.11 0.87 0.00	43.61 1.17 0.00	39.42 0.97 0.00	39.18 1.42 0.00	39.67 1.81 0.00	37.67 1.77 0.00	34.60 1.33 0.00	35.11 1.60 0.00
NEG CENTRAL___SENECA 23627	30.39 0.53 -0.36	31.22 0.40 -0.37	26.58 0.17 0.00	22.60 0.10 0.00	23.71 0.11 0.00	21.91 0.06 0.00	20.55 0.05 0.00	24.23 0.20 0.00	24.78 0.28 -0.01	24.60 0.35 -0.02	24.50 0.25 -0.06	35.31 0.67 -0.64	36.64 1.05 -0.68	38.26 1.08 -0.74	34.76 1.03 -0.56	35.27 1.16 -0.58	44.88 1.47 -1.17	45.29 1.68 -1.18	41.03 1.63 -0.96	40.36 1.69 -0.91	40.46 1.68 -0.91	38.19 1.50 -0.79	34.96 1.08 -0.62	34.98 0.84 -0.63
NEG CENTRAL___STATE_STREET 24147	30.89 0.46 -0.91	31.82 0.41 -0.95	26.57 0.16 -0.01	22.68 0.18 0.00	23.82 0.22 0.00	22.03 0.17 0.00	20.60 0.10 0.00	24.23 0.21 0.00	22.78 0.15 1.86	23.88 0.27 0.62	24.57 0.24 -0.14	36.18 0.56 -1.62	33.87 0.74 1.79	37.11 0.71 0.03	33.28 0.80 0.69	35.89 0.87 -1.49	46.20 1.01 -2.95	46.46 1.26 -2.77	42.05 1.21 -2.40	41.22 1.18 -2.28	41.42 1.25 -2.31	38.88 0.98 -2.00	35.49 0.66 -1.56	35.76 0.66 -1.59
NEG MILLWOOD___DRP 24198	31.65 2.14 0.00	32.66 2.21 0.00	28.31 1.91 0.00	24.09 1.59 0.00	25.21 1.62 0.00	23.36 1.50 0.00	21.91 1.41 0.00	25.69 1.67 0.00	26.37 1.88 0.00	26.12 1.89 0.00	26.23 2.04 0.00	36.79 2.79 0.00	37.79 2.88 0.00	39.57 3.13 0.00	36.28 3.11 0.00	36.78 3.25 0.00	46.22 3.98 0.00	46.44 4.00 0.00	41.92 3.48 0.00	40.92 3.16 0.00	40.89 3.03 0.00	38.80 2.90 0.00	35.70 2.43 0.00	36.02 2.51 0.00
NEG NORTH_FLCN_SEA 23793	29.77 0.25 0.00	31.21 0.75 0.00	26.92 0.52 0.00	22.88 0.37 0.00	23.96 0.37 0.00	22.20 0.34 0.00	20.84 0.35 0.00	24.47 0.45 0.00	16.89 0.56 8.15	21.91 0.59 2.91	24.68 0.55 0.06	34.74 0.74 0.00	20.76 0.88 15.04	28.50 0.28 8.21	23.87 -0.34 8.96	32.67 -0.86 0.01	40.61 -1.56 0.06	39.29 -1.38 1.77	37.52 -0.86 0.06	37.42 -0.35 0.00	37.95 0.09 0.00	35.91 0.02 0.00	32.80 -0.47 0.00	32.87 -0.64 0.00
NEG NORTH_KES_CHATEGAY 23792	29.17 -0.34 0.00	30.39 -0.06 0.00	26.30 -0.10 0.00	22.36 -0.14 0.00	23.42 -0.18 0.00	21.68 -0.18 0.00	20.35 -0.15 0.00	23.87 -0.15 0.00	9.31 -0.11 15.06	18.73 -0.11 5.39	23.89 -0.18 0.11	33.70 -0.30 0.00	6.92 -0.23 27.77	20.64 -0.62 15.18	15.65 -0.97 16.56	32.26 -1.27 0.01	40.34 -1.78 0.12	38.32 -1.68 2.44	37.10 -1.22 0.12	36.95 -0.81 0.00	37.27 -0.60 0.00	35.25 -0.65 0.00	32.54 -0.72 0.00	32.62 -0.89 0.00
NEG NORTH___ALICE_FALLS 23915	29.79 0.27 0.00	31.15 0.70 0.00	26.88 0.48 0.00	22.84 0.34 0.00	23.92 0.33 0.00	22.16 0.31 0.00	20.80 0.31 0.00	24.43 0.41 0.00	15.76 0.52 9.25	21.48 0.56 3.31	24.65 0.53 0.07	34.72 0.72 0.00	18.72 0.86 17.05	27.42 0.31 9.32	22.74 -0.26 10.17	32.82 -0.71 0.01	40.92 -1.25 0.07	39.51 -1.05 1.87	37.81 -0.56 0.07	37.69 -0.08 0.00	38.12 0.26 0.00	36.06 0.15 0.00	32.99 -0.28 0.00	33.03 -0.48 0.00
NEG NORTH___LWR_SARANAC 23913	29.79 0.27 0.00	31.15 0.70 0.00	26.88 0.48 0.00	22.84 0.34 0.00	23.92 0.33 0.00	22.16 0.31 0.00	20.80 0.31 0.00	24.43 0.41 0.00	15.76 0.52 9.25	21.48 0.56 3.31	24.65 0.53 0.07	34.72 0.72 0.00	18.72 0.86 17.05	27.42 0.31 9.32	22.74 -0.26 10.17	32.82 -0.71 0.01	40.92 -1.25 0.07	39.51 -1.05 1.87	37.81 -0.56 0.07	37.69 -0.08 0.00	38.12 0.26 0.00	36.06 0.15 0.00	32.99 -0.28 0.00	33.03 -0.48 0.00
NEG NORTH___PLATTSBURG 23628	29.78 0.27 0.00	31.15 0.70 0.00	26.89 0.48 0.00	22.84 0.34 0.00	23.92 0.33 0.00	22.16 0.31 0.00	20.80 0.31 0.00	24.43 0.41 0.00	15.76 0.52 9.25	21.48 0.56 3.31	24.65 0.53 0.07	34.72 0.72 0.00	18.72 0.86 17.05	27.42 0.31 9.32	22.74 -0.26 10.17	32.82 -0.71 0.01	40.92 -1.25 0.07	39.51 -1.05 1.87	37.81 -0.56 0.07	37.69 -0.08 0.00	38.13 0.26 0.00	36.06 0.16 0.00	32.99 -0.28 0.00	33.03 -0.48 0.00
NEG WEST_LEA_LOCKPORT 23791	29.56 0.04 0.00	30.18 -0.27 0.00	25.99 -0.41 0.00	22.10 -0.40 0.00	23.19 -0.41 0.00	21.38 -0.48 0.00	19.95 -0.55 0.00	23.70 -0.33 0.00	24.29 -0.19 0.00	24.06 -0.17 0.00	23.78 -0.41 0.00	34.09 0.09 0.00	35.65 0.73 0.00	37.08 0.64 0.00	33.62 0.45 0.00	34.08 0.55 0.00	42.57 0.33 0.00	43.20 0.76 0.00	38.87 0.43 0.00	38.23 0.47 0.00	38.53 0.67 0.00	36.47 0.57 0.00	33.62 0.35 0.00	33.61 0.10 0.00
NEG WEST___LANCASTR 23811	29.71 0.19 0.00	30.39 -0.06 0.00	26.09 -0.30 0.00	22.18 -0.33 0.00	23.27 -0.32 0.00	21.48 -0.38 0.00	20.08 -0.42 0.00	23.86 -0.16 0.00	24.50 0.01 0.00	24.36 0.12 0.00	24.15 -0.04 0.00	34.64 0.65 0.00	36.08 1.17 0.00	37.55 1.11 0.00	34.11 0.94 0.00	34.67 1.13 0.00	43.42 1.18 0.00	43.86 1.42 0.00	39.43 0.99 0.00	38.65 0.88 0.00	38.87 1.01 0.00	36.85 0.95 0.00	33.94 0.68 0.00	33.94 0.43 0.00
NEG_PENN_ALLEGHNY 23528	30.43 0.50 -0.42	31.36 0.47 -0.44	26.65 0.25 0.00	22.67 0.17 0.00	23.79 0.19 0.00	22.02 0.17 0.00	20.67 0.17 0.00	24.31 0.28 0.00	24.88 0.38 -0.01	24.72 0.46 -0.02	24.70 0.45 -0.07	35.64 0.93 -0.71	36.80 1.10 -0.78	38.48 1.16 -0.88	34.97 1.14 -0.66	35.44 1.23 -0.68	45.04 1.47 -1.33	45.20 1.44 -1.32	40.74 1.23 -1.08	39.92 1.14 -1.02	40.02 1.13 -1.03	37.91 1.12 -0.89	34.79 0.83 -0.69	34.94 0.72 -0.71
NEG___GEN_MONROE 24207	30.18 0.67 0.00	30.86 0.41 0.00	26.60 0.20 0.00	22.62 0.12 0.00	23.72 0.12 0.00	21.90 0.04 0.00	20.47 -0.03 0.00	24.20 0.18 0.00	24.78 0.29 0.00	24.58 0.35 0.00	24.44 0.24 0.00	34.84 0.84 0.00	36.27 1.35 0.00	37.83 1.39 0.00	34.38 1.21 0.00	34.90 1.37 0.00	43.82 1.58 0.00	44.37 1.94 0.00	40.08 1.64 0.00	39.43 1.67 0.00	39.67 1.81 0.00	37.46 1.56 0.00	34.41 1.14 0.00	34.38 0.87 0.00
NEPA___ENERGY 23901	29.85 0.33 0.00	30.63 0.18 0.00	26.18 -0.22 0.00	22.21 -0.29 0.00	23.32 -0.28 0.00	21.53 -0.33 0.00	20.20 -0.30 0.00	24.00 -0.02 0.00	24.66 0.17 0.00	24.58 0.35 0.00	24.40 0.21 0.00	35.10 1.10 0.00	36.50 1.58 0.00	38.01 1.57 0.00	34.57 1.40 0.00	35.14 1.61 0.00	44.00 1.76 0.00	44.16 1.72 0.00	39.67 1.23 0.00	38.78 1.02 0.00	39.05 1.19 0.00	37.15 1.25 0.00	34.14 0.87 0.00	34.13 0.62 0.00

NEVERSINK___HYD 23608	30.79 1.27 0.00	31.72 1.26 0.00	27.47 1.07 0.00	23.36 0.86 0.00	24.46 0.86 0.00	22.66 0.81 0.00	21.26 0.76 0.00	24.93 0.90 0.00	25.56 1.07 0.00	25.32 1.09 0.00	25.44 1.25 0.00	35.80 1.81 0.00	36.68 1.76 0.00	38.36 1.92 0.00	35.29 2.12 0.00	35.76 2.23 0.00	45.06 2.82 0.00	45.35 2.92 0.00	40.95 2.51 0.00	40.08 2.31 0.00	40.04 2.18 0.00	37.95 2.05 0.00	34.91 1.65 0.00	35.18 1.67 0.00
NEWKRMKL_115KV_TB1 55635	30.26 0.75 0.00	31.23 0.78 0.00	27.11 0.71 0.00	23.15 0.64 0.00	24.28 0.68 0.00	22.50 0.65 0.00	21.09 0.59 0.00	24.70 0.67 0.00	25.15 0.66 0.00	24.87 0.64 0.00	24.82 0.63 0.00	34.70 0.71 0.00	35.51 0.60 0.00	37.27 0.83 0.00	34.00 0.83 0.00	34.37 0.84 0.00	43.38 1.14 0.00	43.62 1.19 0.00	39.45 1.01 0.00	38.77 1.01 0.00	38.88 1.02 0.00	36.84 0.94 0.00	33.84 0.57 0.00	34.15 0.64 0.00
NEWTON___FALLS_HYD 23847	29.02 -0.88 -0.40	29.87 -1.00 -0.42	25.53 -0.88 0.00	21.58 -0.92 0.00	22.71 -0.89 0.00	21.03 -0.83 0.00	19.67 -0.83 0.00	23.15 -0.87 0.00	-44.33 -1.11 67.72	-1.00 -1.02 24.21	22.71 -1.03 0.45	33.15 -1.51 -0.67	-90.85 -1.65 124.12	-32.76 -1.81 67.39	-42.46 -1.81 73.82	32.32 -1.81 -0.61	40.78 -2.15 -0.68	34.56 -1.82 6.06	37.52 -1.37 -0.45	37.68 -0.99 -0.91	37.90 -0.88 -0.92	35.74 -0.95 -0.80	32.94 -0.92 -0.60	32.99 -1.15 -0.63
NGRID_A1_DSASP 323792	28.88 -0.63 0.00	29.51 -0.94 0.00	25.45 -0.95 0.00	21.74 -0.76 0.00	22.84 -0.76 0.00	21.05 -0.81 0.00	19.63 -0.87 0.00	23.36 -0.67 0.00	23.99 -0.50 0.00	23.70 -0.53 0.00	23.42 -0.77 0.00	33.57 -0.43 0.00	35.09 0.17 0.00	36.48 0.05 0.00	33.04 -0.13 0.00	33.59 0.06 0.00	41.88 -0.36 0.00	42.34 -0.09 0.00	38.08 -0.36 0.00	37.44 -0.32 0.00	37.74 -0.12 0.00	35.74 -0.16 0.00	32.99 -0.27 0.00	33.18 -0.34 0.00
NGRID_A2_DSASP 323793	28.88 -0.63 0.00	29.51 -0.94 0.00	25.45 -0.95 0.00	21.74 -0.76 0.00	22.84 -0.76 0.00	21.05 -0.81 0.00	19.63 -0.87 0.00	23.36 -0.67 0.00	23.99 -0.50 0.00	23.70 -0.53 0.00	23.42 -0.77 0.00	33.57 -0.43 0.00	35.09 0.17 0.00	36.48 0.05 0.00	33.04 -0.13 0.00	33.59 0.06 0.00	41.88 -0.36 0.00	42.34 -0.09 0.00	38.08 -0.36 0.00	37.44 -0.32 0.00	37.74 -0.12 0.00	35.74 -0.16 0.00	32.99 -0.27 0.00	33.18 -0.34 0.00
NGRID_A4_DSASP 323807	28.88 -0.63 0.00	29.51 -0.94 0.00	25.45 -0.95 0.00	21.74 -0.76 0.00	22.84 -0.76 0.00	21.05 -0.81 0.00	19.63 -0.87 0.00	23.36 -0.67 0.00	23.99 -0.50 0.00	23.70 -0.53 0.00	23.42 -0.77 0.00	33.57 -0.43 0.00	35.09 0.17 0.00	36.48 0.05 0.00	33.04 -0.13 0.00	33.59 0.06 0.00	41.88 -0.36 0.00	42.34 -0.09 0.00	38.08 -0.36 0.00	37.44 -0.32 0.00	37.74 -0.12 0.00	35.74 -0.16 0.00	32.99 -0.27 0.00	33.18 -0.34 0.00
NIAGARA_115E_LBMP 323715	29.29 -0.22 0.00	29.92 -0.54 0.00	25.78 -0.62 0.00	21.92 -0.58 0.00	23.01 -0.59 0.00	21.21 -0.65 0.00	19.78 -0.72 0.00	23.53 -0.49 0.00	24.17 -0.33 0.00	23.88 -0.36 0.00	23.60 -0.59 0.00	33.82 -0.17 0.00	35.36 0.45 0.00	36.78 0.34 0.00	33.32 0.15 0.00	33.69 0.16 0.00	42.08 -0.16 0.00	42.72 0.28 0.00	38.43 -0.01 0.00	37.80 0.03 0.00	38.11 0.24 0.00	36.07 0.17 0.00	33.28 0.01 0.00	33.29 -0.23 0.00
NIAGARA_115W_LBMP 323714	28.81 -0.70 0.00	29.44 -1.02 0.00	25.39 -1.01 0.00	21.70 -0.80 0.00	22.79 -0.80 0.00	21.01 -0.85 0.00	19.60 -0.90 0.00	23.31 -0.72 0.00	23.94 -0.55 0.00	23.65 -0.58 0.00	23.37 -0.82 0.00	33.48 -0.51 0.00	35.01 0.09 0.00	36.40 -0.04 0.00	32.96 -0.21 0.00	33.52 -0.02 0.00	41.78 -0.47 0.00	42.22 -0.22 0.00	37.97 -0.47 0.00	37.34 -0.42 0.00	37.64 -0.22 0.00	35.64 -0.26 0.00	32.91 -0.36 0.00	33.11 -0.40 0.00
NIAGARA_230_LBMP 323716	29.18 -0.33 0.00	29.83 -0.63 0.00	25.71 -0.69 0.00	21.88 -0.62 0.00	22.96 -0.64 0.00	21.18 -0.68 0.00	19.76 -0.74 0.00	23.48 -0.54 0.00	24.12 -0.37 0.00	23.84 -0.40 0.00	23.57 -0.62 0.00	33.77 -0.23 0.00	35.27 0.35 0.00	36.69 0.25 0.00	33.24 0.07 0.00	33.75 0.21 0.00	42.19 -0.06 0.00	42.78 0.34 0.00	38.45 0.01 0.00	37.79 0.02 0.00	38.08 0.21 0.00	36.06 0.16 0.00	33.29 0.02 0.00	33.35 -0.16 0.00
NIAGARA___115KV_198_GIBSON 55903	28.81 -0.70 0.00	29.43 -1.02 0.00	25.38 -1.02 0.00	21.70 -0.80 0.00	22.79 -0.80 0.00	21.01 -0.85 0.00	19.60 -0.90 0.00	23.28 -0.74 0.00	23.87 -0.62 0.00	23.65 -0.58 0.00	23.37 -0.82 0.00	33.48 -0.51 0.00	35.01 0.09 0.00	36.40 -0.04 0.00	32.96 -0.21 0.00	33.52 -0.02 0.00	41.77 -0.47 0.00	42.22 -0.22 0.00	37.97 -0.47 0.00	37.34 -0.42 0.00	37.63 -0.23 0.00	35.63 -0.27 0.00	32.90 -0.36 0.00	33.09 -0.42 0.00
NIAGARA____ 23760	29.18 -0.33 0.00	29.83 -0.63 0.00	25.71 -0.69 0.00	21.88 -0.62 0.00	22.96 -0.64 0.00	21.18 -0.68 0.00	19.76 -0.74 0.00	23.48 -0.54 0.00	24.12 -0.37 0.00	23.84 -0.40 0.00	23.57 -0.62 0.00	33.77 -0.23 0.00	35.27 0.35 0.00	36.69 0.25 0.00	33.24 0.07 0.00	33.75 0.21 0.00	42.19 -0.06 0.00	42.78 0.34 0.00	38.45 0.01 0.00	37.79 0.02 0.00	38.08 0.21 0.00	36.06 0.16 0.00	33.29 0.02 0.00	33.35 -0.16 0.00
NINE_MILE_1 23575	22.29 -0.75 6.47	22.86 -0.83 6.76	25.59 -0.77 0.04	21.85 -0.65 0.00	22.94 -0.66 0.00	21.23 -0.63 0.00	19.92 -0.58 0.00	23.34 -0.69 0.00	23.61 -0.69 0.19	23.22 -0.65 0.36	22.49 -0.65 1.05	22.30 -0.81 10.88	22.19 -0.75 11.98	22.08 -0.76 13.59	22.30 -0.69 10.18	22.32 -0.67 10.55	21.33 -0.83 20.09	21.72 -0.77 19.95	21.50 -0.70 16.23	21.70 -0.69 15.37	21.65 -0.69 15.52	21.78 -0.68 13.44	22.01 -0.75 10.49	21.99 -0.82 10.70
NINE_MILE_2 23744	22.19 -0.75 6.57	22.76 -0.83 6.86	25.59 -0.77 0.04	21.85 -0.65 0.00	22.94 -0.66 0.00	21.23 -0.63 0.00	19.92 -0.57 0.00	23.34 -0.69 0.00	23.61 -0.69 0.19	23.22 -0.65 0.36	22.47 -0.65 1.06	22.14 -0.81 11.05	22.01 -0.75 12.16	21.88 -0.76 13.79	22.15 -0.69 10.33	22.16 -0.67 10.71	21.02 -0.83 20.39	21.42 -0.77 20.25	21.26 -0.70 16.47	21.47 -0.69 15.60	21.41 -0.70 15.76	21.58 -0.68 13.64	21.86 -0.75 10.65	21.83 -0.82 10.86
NM_CAPITAL___DRP 24208	30.31 0.80 0.00	31.30 0.84 0.00	27.18 0.77 0.00	23.21 0.71 0.00	24.35 0.75 0.00	22.56 0.71 0.00	21.14 0.64 0.00	24.75 0.72 0.00	25.20 0.71 0.00	24.92 0.69 0.00	24.87 0.68 0.00	34.74 0.74 0.00	35.53 0.61 0.00	37.28 0.85 0.00	34.01 0.84 0.00	34.37 0.83 0.00	43.39 1.15 0.00	43.63 1.19 0.00	39.44 1.00 0.00	38.77 1.01 0.00	38.90 1.04 0.00	36.87 0.97 0.00	33.87 0.61 0.00	34.21 0.69 0.00
NM_CENTRAL___DRP 24181	30.05 -0.05 -0.59	30.93 -0.14 -0.61	26.21 -0.20 0.00	22.33 -0.17 0.00	23.42 -0.17 0.00	21.68 -0.17 0.00	20.34 -0.16 0.00	23.85 -0.17 0.00	21.51 -0.13 2.85	23.18 -0.06 0.99	24.21 -0.05 -0.07	35.05 0.11 -0.94	30.97 0.23 4.18	35.09 0.28 1.62	31.25 0.28 2.19	34.84 0.35 -0.95	44.57 0.42 -1.91	44.58 0.49 -1.65	40.44 0.45 -1.56	39.67 0.42 -1.49	39.75 0.37 -1.51	37.51 0.31 -1.31	34.38 0.09 -1.02	34.52 -0.03 -1.04

NM_FRONTIER___DRP 24179	28.81 -0.70 0.00	29.43 -1.02 0.00	25.38 -1.02 0.00	21.70 -0.80 0.00	22.79 -0.80 0.00	21.01 -0.85 0.00	19.60 -0.90 0.00	23.28 -0.74 0.00	23.87 -0.62 0.00	23.65 -0.58 0.00	23.37 -0.82 0.00	33.48 -0.51 0.00	35.01 0.09 0.00	36.40 -0.04 0.00	32.96 -0.21 0.00	33.52 -0.02 0.00	41.77 -0.47 0.00	42.22 -0.22 0.00	37.97 -0.47 0.00	37.34 -0.42 0.00	37.63 -0.23 0.00	35.63 -0.27 0.00	32.90 -0.36 0.00	33.09 -0.42 0.00
NM_ST_REGIS___HYD 24053	28.48 -1.22 -0.18	29.50 -1.15 -0.19	25.62 -0.79 0.00	21.77 -0.73 0.00	22.82 -0.78 0.00	21.14 -0.71 0.00	19.82 -0.69 0.00	23.29 -0.73 0.00	-63.27 -1.03 86.73	-7.81 -1.02 31.02	22.48 -1.09 0.63	32.69 -1.62 -0.31	-126.28 -1.64 159.55	-52.50 -1.95 86.99	-63.93 -2.06 95.04	31.59 -2.19 -0.24	39.36 -2.77 0.11	30.90 -2.67 8.88	36.04 -2.19 0.21	36.31 -1.87 -0.41	36.57 -1.71 -0.42	34.58 -1.68 -0.36	32.17 -1.35 -0.25	32.31 -1.49 -0.28
NORTHPORT___1 23551	30.97 1.45 0.00	32.53 2.08 0.00	29.47 1.91 -1.15	26.98 1.73 -2.75	26.47 1.78 -1.10	23.87 1.63 -0.39	21.88 1.39 0.00	25.43 1.40 0.00	26.09 1.60 0.00	25.59 1.36 0.00	25.67 1.48 0.00	35.79 1.79 0.00	37.09 2.18 0.00	34.96 2.24 3.71	35.19 2.20 0.18	36.03 2.49 0.00	45.40 2.82 -0.34	45.22 2.72 -0.06	39.86 2.12 0.69	38.40 1.68 1.04	38.29 1.51 1.08	37.28 1.58 0.20	29.55 1.39 5.10	35.37 1.93 0.07
NORTHPORT___2 23552	30.97 1.45 0.00	32.53 2.08 0.00	29.47 1.91 -1.15	26.98 1.73 -2.75	26.47 1.78 -1.10	23.87 1.63 -0.39	21.88 1.39 0.00	25.43 1.40 0.00	26.09 1.60 0.00	25.59 1.36 0.00	25.67 1.48 0.00	35.79 1.79 0.00	37.09 2.18 0.00	34.96 2.24 3.71	30.92 2.20 4.45	36.02 2.49 0.01	41.20 2.82 3.85	16.05 2.72 29.11	17.04 2.12 23.51	29.07 1.68 10.37	30.65 1.51 8.73	30.66 1.58 6.82	28.96 1.39 5.70	33.15 1.93 2.29
NORTHPORT___3 23553	30.96 1.44 0.00	32.52 2.07 0.00	29.49 1.93 -1.15	26.98 1.73 -2.75	26.47 1.77 -1.10	23.86 1.62 -0.39	21.88 1.38 0.00	25.41 1.39 0.00	26.06 1.57 0.00	25.58 1.35 0.00	25.64 1.45 0.00	35.74 1.75 0.01	36.98 2.07 0.00	34.89 2.18 3.72	30.88 2.16 4.46	35.93 2.40 0.00	41.16 2.78 3.86	16.00 2.68 29.12	17.08 2.15 23.50	29.11 1.72 10.37	30.70 1.56 8.73	30.67 1.60 6.82	28.94 1.37 5.69	33.05 1.82 2.28
NORTHPORT___4 23650	30.96 1.44 0.00	32.52 2.07 0.00	29.49 1.93 -1.15	26.98 1.73 -2.75	26.47 1.77 -1.10	23.86 1.62 -0.39	21.88 1.38 0.00	25.41 1.39 0.00	26.06 1.57 0.00	25.58 1.35 0.00	25.64 1.45 0.00	35.74 1.75 0.01	36.98 2.07 0.00	34.89 2.18 3.72	30.88 2.16 4.46	35.93 2.40 0.00	41.16 2.78 3.86	16.00 2.68 29.12	17.08 2.15 23.50	29.11 1.72 10.37	30.70 1.56 8.73	30.67 1.60 6.82	28.94 1.37 5.69	33.05 1.82 2.28
NORTHPORT___IC 23718	30.96 1.45 0.00	32.53 2.08 0.00	29.47 1.92 -1.15	26.98 1.73 -2.74	26.47 1.78 -1.10	23.86 1.63 -0.39	21.88 1.39 0.00	25.43 1.41 0.00	26.11 1.62 0.00	25.59 1.36 0.00	25.67 1.48 0.00	35.79 1.80 0.00	37.09 2.17 0.00	34.96 2.24 3.71	30.92 2.20 4.45	36.02 2.49 0.00	41.21 2.82 3.85	16.05 2.72 29.11	17.05 2.12 23.51	29.07 1.68 10.37	30.65 1.51 8.73	30.66 1.58 6.82	28.96 1.39 5.70	33.16 1.93 2.29
NORTH___COUNTRY_ESR 323785	29.09 -0.43 0.00	30.29 -0.16 0.00	26.23 -0.17 0.00	22.31 -0.20 0.00	23.36 -0.24 0.00	21.62 -0.23 0.00	20.30 -0.20 0.00	23.83 -0.19 0.00	9.12 -0.15 15.22	18.67 -0.12 5.45	23.88 -0.20 0.11	33.68 -0.32 0.00	6.62 -0.24 28.06	20.47 -0.64 15.33	15.46 -0.98 16.72	32.24 -1.28 0.01	40.32 -1.80 0.12	38.29 -1.69 2.45	37.06 -1.26 0.12	36.86 -0.90 0.00	37.13 -0.74 0.00	35.11 -0.79 0.00	32.42 -0.84 0.00	32.49 -1.02 0.00
NPX_GEN_1385_PROXY 323591	30.63 1.12 0.00	32.12 1.67 0.00	28.93 1.38 -1.15	26.74 1.49 -2.75	26.31 1.61 -1.10	23.59 1.35 -0.39	21.61 1.11 0.00	26.34 1.12 -1.19	25.98 1.50 0.00	25.29 1.06 0.00	24.60 1.52 1.11	36.01 2.02 0.00	37.55 2.63 0.00	35.29 2.57 3.71	34.81 2.60 0.96	36.70 3.17 0.00	45.74 3.92 0.42	41.19 4.01 5.26	57.75 3.30 -16.01	62.04 2.83 -21.44	38.05 2.65 2.47	38.59 2.64 -0.06	29.51 1.45 5.21	35.25 2.21 0.47
NPX_GEN_CSC 323557	31.46 1.95 0.00	32.97 2.52 0.00	29.77 2.22 -1.15	27.15 1.91 -2.75	26.65 1.95 -1.10	24.03 1.79 -0.39	22.07 1.58 0.00	26.94 1.73 -1.19	26.55 2.06 0.00	26.08 1.85 0.00	25.02 1.94 1.11	36.46 2.47 0.00	37.91 3.00 0.00	39.58 3.14 0.00	36.12 2.96 0.00	36.90 3.36 0.00	52.45 3.98 -6.23	58.70 3.82 -12.45	41.39 2.95 0.00	39.42 2.41 0.75	39.23 2.21 0.84	38.12 2.22 0.00	35.35 2.08 0.00	36.09 2.57 0.00
NSINS_S_GLNS_FALLS 23858	31.44 1.93 0.00	32.40 1.95 0.00	28.05 1.65 0.00	23.88 1.38 0.00	25.02 1.43 0.00	23.18 1.33 0.00	21.74 1.24 0.00	25.44 1.42 0.00	25.93 1.44 0.00	25.54 1.31 0.00	25.23 1.05 0.00	35.40 1.41 0.00	36.24 1.32 0.00	38.18 1.75 0.00	35.08 1.91 0.00	35.42 1.89 0.00	44.91 2.67 0.00	45.51 3.08 0.00	41.50 3.06 0.00	40.84 3.08 0.00	40.46 2.59 0.00	38.00 2.10 0.00	34.86 1.60 0.00	35.59 2.07 0.00
NUCOR_STEEL___DRP 24197	30.92 0.43 -0.98	31.86 0.38 -1.02	26.53 0.13 -0.01	22.67 0.17 0.00	23.80 0.21 0.00	22.02 0.16 0.00	20.58 0.08 0.00	24.21 0.19 0.00	22.70 0.11 1.90	23.85 0.25 0.63	24.57 0.23 -0.15	36.27 0.53 -1.74	33.87 0.70 1.75	37.15 0.66 -0.06	33.30 0.77 0.64	35.96 0.83 -1.59	46.34 0.94 -3.16	46.61 1.20 -2.97	42.16 1.15 -2.57	41.25 1.05 -2.44	41.50 1.17 -2.47	38.93 0.90 -2.14	35.53 0.59 -1.67	35.82 0.61 -1.70
NUMBER_THREE_WT_PWR 323818	30.14 0.16 -0.47	30.96 0.02 -0.49	26.20 -0.20 0.00	22.15 -0.35 0.00	23.33 -0.26 0.00	21.63 -0.23 0.00	20.21 -0.29 0.00	23.83 -0.20 0.00	-5.22 -0.22 29.49	13.53 -0.16 10.53	23.85 -0.19 0.15	34.45 -0.33 -0.78	-19.07 -0.47 53.52	7.20 -0.50 28.73	0.83 -0.66 31.68	33.63 -0.65 -0.75	42.80 -0.64 -1.20	40.50 -0.22 1.72	39.42 0.06 -0.93	39.28 0.43 -1.08	39.45 0.49 -1.10	37.18 0.34 -0.95	34.09 0.09 -0.73	34.14 -0.13 -0.75
NYISO_LBMP_REFERENCE 24008	29.51 0.00 0.00	30.45 0.00 0.00	26.40 0.00 0.00	22.50 0.00 0.00	23.60 0.00 0.00	21.85 0.00 0.00	20.50 0.00 0.00	24.02 0.00 0.00	24.49 0.00 0.00	24.23 0.00 0.00	24.19 0.00 0.00	34.00 0.00 0.00	34.92 0.00 0.00	36.44 0.00 0.00	33.17 0.00 0.00	33.53 0.00 0.00	42.24 0.00 0.00	42.43 0.00 0.00	38.44 0.00 0.00	37.76 0.00 0.00	37.87 0.00 0.00	35.90 0.00 0.00	33.27 0.00 0.00	33.51 0.00 0.00
NYPA_BRENTWD____GT 24164	31.64 2.13 0.00	33.15 2.69 0.00	29.96 2.41 -1.15	27.36 2.11 -2.75	26.86 2.16 -1.10	24.23 1.99 -0.39	22.25 1.75 0.00	25.91 1.88 0.00	26.61 2.12 0.00	26.14 1.91 0.00	26.23 2.05 0.00	36.59 2.59 0.00	37.96 3.04 0.00	39.46 3.02 0.00	36.13 2.96 0.00	36.75 3.22 0.00	46.84 3.49 -1.12	48.07 3.40 -2.23	41.17 2.73 0.00	39.29 2.27 0.74	39.11 2.07 0.83	38.03 2.13 0.00	35.46 2.19 0.00	36.18 2.66 0.00

OAKDALE___35_KV_LOAD 356122	30.29 0.37 -0.41	31.23 0.35 -0.43	26.55 0.15 0.00	22.59 0.09 0.00	23.72 0.12 0.00	21.95 0.09 0.00	20.60 0.10 0.00	24.22 0.19 0.00	24.78 0.28 -0.01	24.62 0.36 -0.02	24.60 0.35 -0.06	35.45 0.77 -0.68	36.60 0.93 -0.76	38.26 0.96 -0.86	34.77 0.96 -0.64	35.25 1.05 -0.67	44.75 1.22 -1.29	44.90 1.19 -1.28	40.48 1.00 -1.04	39.66 0.91 -0.99	39.78 0.92 -1.00	37.69 0.92 -0.87	34.60 0.66 -0.68	34.77 0.57 -0.69
OCC_CHEM___DRP 24175	28.88 -0.63 0.00	29.51 -0.94 0.00	25.44 -0.96 0.00	21.74 -0.76 0.00	22.84 -0.76 0.00	21.05 -0.81 0.00	19.63 -0.87 0.00	23.33 -0.69 0.00	23.92 -0.57 0.00	23.70 -0.53 0.00	23.42 -0.77 0.00	33.56 -0.43 0.00	35.10 0.18 0.00	36.49 0.05 0.00	33.04 -0.13 0.00	33.59 0.06 0.00	41.87 -0.37 0.00	42.34 -0.09 0.00	38.08 -0.36 0.00	37.44 -0.33 0.00	37.74 -0.13 0.00	35.73 -0.17 0.00	32.98 -0.28 0.00	33.16 -0.35 0.00
OH_GEN_PROXY 24063	29.18 -0.33 0.00	29.83 -0.63 0.00	25.71 -0.69 0.00	21.88 -0.62 0.00	22.96 -0.63 0.00	21.18 -0.68 0.00	19.76 -0.73 0.00	24.70 -0.52 -1.19	24.14 -0.36 0.00	23.86 -0.37 0.00	22.50 -0.58 1.11	33.82 -0.18 0.00	35.31 0.39 0.00	36.72 0.29 0.00	33.28 0.11 0.00	33.80 0.26 0.00	42.27 0.02 0.00	42.82 0.39 0.00	38.49 0.05 0.00	37.82 0.06 0.00	38.09 0.22 0.00	36.08 0.18 0.00	33.31 0.04 0.00	33.36 -0.15 0.00
OLIN_CORP_DRP 24177	29.30 -0.21 0.00	29.93 -0.52 0.00	25.79 -0.61 0.00	21.94 -0.56 0.00	23.02 -0.57 0.00	21.23 -0.63 0.00	19.80 -0.70 0.00	23.53 -0.50 0.00	24.12 -0.37 0.00	23.89 -0.34 0.00	23.62 -0.57 0.00	33.85 -0.14 0.00	35.40 0.48 0.00	36.81 0.37 0.00	33.34 0.17 0.00	33.74 0.21 0.00	42.14 -0.10 0.00	42.77 0.34 0.00	38.48 0.04 0.00	37.84 0.08 0.00	38.14 0.28 0.00	36.10 0.21 0.00	33.31 0.05 0.00	33.32 -0.19 0.00
OLIN_CORP_DSASP 323712	28.88 -0.63 0.00	29.51 -0.94 0.00	25.45 -0.95 0.00	21.74 -0.76 0.00	22.84 -0.76 0.00	21.05 -0.81 0.00	19.63 -0.87 0.00	23.36 -0.67 0.00	23.99 -0.50 0.00	23.70 -0.53 0.00	23.42 -0.77 0.00	33.57 -0.43 0.00	35.09 0.17 0.00	36.48 0.05 0.00	33.04 -0.13 0.00	33.59 0.06 0.00	41.88 -0.36 0.00	42.34 -0.09 0.00	38.08 -0.36 0.00	37.44 -0.32 0.00	37.74 -0.12 0.00	35.74 -0.16 0.00	32.99 -0.27 0.00	33.18 -0.34 0.00
ONEIDA_HERK_LFGE 323681	30.37 0.61 -0.25	31.23 0.51 -0.26	26.73 0.33 0.00	22.70 0.20 0.00	23.85 0.26 0.00	22.10 0.25 0.00	20.70 0.20 0.00	24.31 0.29 0.00	11.23 0.30 13.56	19.73 0.34 4.84	24.48 0.35 0.06	34.95 0.54 -0.41	10.86 0.50 24.55	23.83 0.53 13.14	19.06 0.41 14.52	34.38 0.45 -0.40	43.61 0.70 -0.67	42.69 0.90 0.64	39.90 0.94 -0.53	39.47 1.11 -0.59	39.60 1.14 -0.60	37.41 0.99 -0.52	34.38 0.71 -0.40	34.49 0.57 -0.41
ONEIDA___115KV_TB4 55905	30.83 0.99 -0.32	31.71 0.92 -0.34	27.09 0.69 0.00	23.06 0.56 0.00	24.20 0.61 0.00	22.42 0.56 0.00	21.02 0.52 0.00	24.62 0.60 0.00	19.38 0.62 5.73	22.86 0.67 2.04	24.88 0.68 -0.01	35.67 1.14 -0.53	26.13 1.19 9.97	32.64 1.29 5.09	28.53 1.14 5.78	35.30 1.24 -0.52	44.89 1.65 -1.01	44.63 1.72 -0.48	40.91 1.66 -0.81	40.33 1.75 -0.81	40.48 1.80 -0.82	38.24 1.63 -0.71	35.07 1.25 -0.55	35.18 1.11 -0.56
ONONDAGA_REF_OCCRA 23987	30.33 0.10 -0.72	31.22 0.01 -0.75	26.33 -0.07 0.00	22.43 -0.08 0.00	23.53 -0.07 0.00	21.77 -0.08 0.00	20.44 -0.06 0.00	23.96 -0.06 0.00	21.89 0.00 2.60	23.41 0.08 0.91	24.36 0.10 -0.07	35.25 0.34 -0.91	31.86 0.46 3.52	35.92 0.50 1.01	32.03 0.48 1.62	35.26 0.55 -1.18	45.30 0.69 -2.37	45.32 0.75 -2.14	41.06 0.69 -1.93	40.24 0.64 -1.84	40.32 0.59 -1.86	38.00 0.50 -1.61	34.78 0.26 -1.26	34.93 0.14 -1.28
ONONDAGA___COGEN 23986	30.71 0.14 -1.06	31.63 0.07 -1.11	26.37 -0.04 -0.01	22.46 -0.04 0.00	23.57 -0.02 0.00	21.81 -0.04 0.00	20.46 -0.03 0.00	24.01 -0.01 0.00	22.12 0.07 2.44	23.55 0.15 0.82	24.50 0.16 -0.16	36.22 0.39 -1.83	32.96 0.47 2.43	36.79 0.48 0.12	32.75 0.48 0.90	35.82 0.55 -1.73	46.41 0.65 -3.52	46.44 0.70 -3.31	41.94 0.64 -2.87	41.09 0.59 -2.74	41.19 0.56 -2.76	38.76 0.47 -2.39	35.37 0.24 -1.87	35.56 0.14 -1.90
ONTARIO___LFGE 23819	30.40 0.53 -0.36	31.22 0.40 -0.37	26.58 0.18 0.00	22.60 0.10 0.00	23.71 0.11 0.00	21.91 0.06 0.00	20.55 0.05 0.00	24.24 0.21 0.00	24.81 0.31 -0.01	24.60 0.35 -0.02	24.50 0.24 -0.06	35.31 0.67 -0.64	36.64 1.04 -0.68	38.26 1.08 -0.74	34.76 1.03 -0.56	35.27 1.16 -0.58	44.88 1.47 -1.17	45.30 1.68 -1.18	41.03 1.63 -0.96	40.36 1.69 -0.91	40.46 1.68 -0.91	38.19 1.50 -0.79	34.96 1.07 -0.62	34.99 0.84 -0.63
ORANGEVILLE_WT_PWR 323706	29.84 0.33 0.00	30.57 0.12 0.00	26.27 -0.13 0.00	22.32 -0.18 0.00	23.41 -0.19 0.00	21.61 -0.25 0.00	20.22 -0.28 0.00	24.02 0.00 0.00	24.68 0.19 0.00	24.46 0.23 0.00	24.25 0.06 0.00	34.70 0.71 0.00	36.13 1.21 0.00	37.58 1.15 0.00	34.16 0.99 0.00	34.68 1.14 0.00	43.42 1.18 0.00	43.85 1.41 0.00	39.50 1.06 0.00	38.82 1.06 0.00	39.08 1.21 0.00	37.06 1.16 0.00	34.12 0.85 0.00	34.15 0.64 0.00
ORANGEVILLE___ESR 323794	29.84 0.33 0.00	30.57 0.12 0.00	26.27 -0.13 0.00	22.32 -0.18 0.00	23.41 -0.19 0.00	21.61 -0.25 0.00	20.22 -0.28 0.00	24.02 0.00 0.00	24.68 0.19 0.00	24.46 0.23 0.00	24.25 0.06 0.00	34.70 0.71 0.00	36.13 1.21 0.00	37.58 1.15 0.00	34.16 0.99 0.00	34.68 1.14 0.00	43.42 1.18 0.00	43.85 1.41 0.00	39.50 1.06 0.00	38.82 1.06 0.00	39.08 1.21 0.00	37.06 1.16 0.00	34.12 0.85 0.00	34.15 0.64 0.00
OSWEGATCHIE___HYD 24044	29.02 -0.89 -0.40	29.87 -1.00 -0.42	25.53 -0.88 0.00	21.58 -0.92 0.00	22.71 -0.89 0.00	21.03 -0.83 0.00	19.67 -0.83 0.00	23.15 -0.87 0.00	-44.33 -1.10 67.72	-1.00 -1.02 24.21	22.71 -1.03 0.45	33.15 -1.51 -0.67	-90.85 -1.65 124.12	-32.76 -1.81 67.39	-42.46 -1.81 73.82	32.32 -1.82 -0.61	40.78 -2.15 -0.68	34.56 -1.82 6.06	37.52 -1.37 -0.45	37.68 -0.99 -0.91	37.90 -0.88 -0.92	35.74 -0.95 -0.80	32.94 -0.92 -0.60	32.99 -1.15 -0.63
OSWEGO___5 23606	33.84 -0.51 -4.84	34.92 -0.58 -5.06	25.87 -0.56 -0.03	22.02 -0.48 0.00	23.11 -0.49 0.00	21.39 -0.46 0.00	20.07 -0.43 0.00	23.52 -0.51 0.00	24.14 -0.49 -0.14	24.04 -0.46 -0.27	24.51 -0.46 -0.78	41.63 -0.52 -8.15	43.44 -0.45 -8.97	46.15 -0.45 -10.17	40.38 -0.40 -7.61	41.06 -0.37 -7.89	56.74 -0.47 -14.97	56.88 -0.42 -14.86	50.15 -0.38 -12.09	48.86 -0.36 -11.45	49.06 -0.37 -11.56	45.54 -0.37 -10.01	40.62 -0.47 -7.82	40.94 -0.54 -7.97
OSWEGO___6 23613	33.84 -0.51 -4.84	34.92 -0.58 -5.06	25.87 -0.56 -0.03	22.02 -0.48 0.00	23.11 -0.49 0.00	21.39 -0.46 0.00	20.07 -0.43 0.00	23.52 -0.51 0.00	24.14 -0.49 -0.14	24.04 -0.46 -0.27	24.51 -0.46 -0.78	41.63 -0.52 -8.15	43.44 -0.45 -8.97	46.15 -0.45 -10.17	40.38 -0.40 -7.61	41.06 -0.37 -7.89	56.74 -0.47 -14.97	56.88 -0.42 -14.86	50.15 -0.38 -12.09	48.86 -0.36 -11.45	49.06 -0.37 -11.56	45.54 -0.37 -10.01	40.62 -0.47 -7.82	40.94 -0.54 -7.97

OUTOKUMPU-AB___DRP 24206	29.75 0.23 0.00	30.36 -0.09 0.00	26.13 -0.27 0.00	22.25 -0.25 0.00	23.35 -0.25 0.00	21.53 -0.32 0.00	20.09 -0.41 0.00	23.89 -0.13 0.00	24.51 0.03 0.00	24.31 0.08 0.00	24.07 -0.11 0.00	34.55 0.55 0.00	36.12 1.21 0.00	37.58 1.15 0.00	34.09 0.92 0.00	34.63 1.09 0.00	43.24 1.00 0.00	43.79 1.35 0.00	39.39 0.95 0.00	38.71 0.94 0.00	38.97 1.10 0.00	36.87 0.97 0.00	33.98 0.71 0.00	34.01 0.49 0.00
OXBOW___BTM 323836	29.29 -0.22 0.00	29.91 -0.54 0.00	25.77 -0.63 0.00	21.98 -0.53 0.00	23.07 -0.53 0.00	21.26 -0.59 0.00	19.83 -0.67 0.00	23.60 -0.42 0.00	24.25 -0.23 0.00	23.99 -0.24 0.00	23.73 -0.46 0.00	34.04 0.04 0.00	35.60 0.68 0.00	37.03 0.59 0.00	33.56 0.39 0.00	34.12 0.58 0.00	42.57 0.33 0.00	43.08 0.64 0.00	38.75 0.31 0.00	38.09 0.33 0.00	38.36 0.50 0.00	36.29 0.39 0.00	33.48 0.21 0.00	33.58 0.07 0.00
OXBOW___ 24026	29.29 -0.22 0.00	29.91 -0.55 0.00	25.76 -0.64 0.00	21.97 -0.53 0.00	23.06 -0.54 0.00	21.26 -0.60 0.00	19.83 -0.67 0.00	23.58 -0.45 0.00	24.19 -0.30 0.00	23.99 -0.24 0.00	23.73 -0.46 0.00	34.04 0.05 0.00	35.61 0.69 0.00	37.04 0.60 0.00	33.57 0.39 0.00	34.12 0.58 0.00	42.57 0.33 0.00	43.07 0.64 0.00	38.75 0.31 0.00	38.08 0.32 0.00	38.35 0.49 0.00	36.29 0.39 0.00	33.47 0.21 0.00	33.57 0.05 0.00
OXY_CHEM_DSASP 323612	28.88 -0.63 0.00	29.51 -0.94 0.00	25.44 -0.96 0.00	21.74 -0.76 0.00	22.84 -0.76 0.00	21.05 -0.81 0.00	19.63 -0.87 0.00	23.33 -0.69 0.00	23.92 -0.57 0.00	23.70 -0.53 0.00	23.42 -0.77 0.00	33.56 -0.43 0.00	35.10 0.18 0.00	36.49 0.05 0.00	33.04 -0.13 0.00	33.59 0.06 0.00	41.87 -0.37 0.00	42.34 -0.09 0.00	38.08 -0.36 0.00	37.44 -0.33 0.00	37.74 -0.13 0.00	35.73 -0.17 0.00	32.98 -0.28 0.00	33.16 -0.35 0.00
OZONE_PARK_ESR 323760	32.00 2.48 0.00	33.01 2.55 0.00	28.63 2.22 0.00	24.36 1.85 0.00	25.48 1.88 0.00	23.59 1.73 0.00	22.11 1.62 0.00	25.94 1.92 0.00	26.63 2.15 0.00	26.41 2.18 0.00	26.55 2.36 0.00	37.22 3.22 0.00	38.23 3.32 0.00	39.90 3.46 0.00	36.61 3.44 0.00	37.11 3.58 0.00	46.46 4.22 0.00	46.54 4.11 0.00	42.06 3.62 0.00	41.05 3.28 0.00	41.01 3.15 0.00	38.99 3.09 0.00	36.01 2.74 0.00	36.47 2.96 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.88 -0.63 0.00	29.51 -0.94 0.00	25.44 -0.96 0.00	21.74 -0.76 0.00	22.84 -0.76 0.00	21.05 -0.81 0.00	19.63 -0.87 0.00	23.33 -0.69 0.00	23.92 -0.57 0.00	23.70 -0.53 0.00	23.42 -0.77 0.00	33.56 -0.43 0.00	35.10 0.18 0.00	36.49 0.05 0.00	33.04 -0.13 0.00	33.59 0.06 0.00	41.87 -0.37 0.00	42.34 -0.09 0.00	38.08 -0.36 0.00	37.44 -0.33 0.00	37.74 -0.13 0.00	35.73 -0.17 0.00	32.98 -0.28 0.00	33.16 -0.35 0.00
PACKARD___115KV_DUPONT_184 80571	28.88 -0.63 0.00	29.51 -0.94 0.00	25.44 -0.96 0.00	21.74 -0.76 0.00	22.84 -0.76 0.00	21.05 -0.81 0.00	19.63 -0.87 0.00	23.33 -0.69 0.00	23.92 -0.57 0.00	23.70 -0.53 0.00	23.42 -0.77 0.00	33.56 -0.43 0.00	35.10 0.18 0.00	36.49 0.05 0.00	33.04 -0.13 0.00	33.59 0.06 0.00	41.87 -0.37 0.00	42.34 -0.09 0.00	38.08 -0.36 0.00	37.44 -0.33 0.00	37.74 -0.13 0.00	35.73 -0.17 0.00	32.98 -0.28 0.00	33.16 -0.35 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.61 2.10 0.00	32.63 2.18 0.00	28.33 1.94 0.00	24.11 1.61 0.00	25.21 1.62 0.00	23.38 1.52 0.00	21.92 1.42 0.00	25.69 1.67 0.00	26.37 1.88 0.00	26.11 1.88 0.00	26.24 2.05 0.00	36.64 2.65 0.00	37.59 2.68 0.00	39.23 2.80 0.00	36.04 2.87 0.00	36.51 2.98 0.00	45.66 3.42 0.00	45.75 3.31 0.00	41.34 2.91 0.00	40.38 2.62 0.00	40.38 2.51 0.00	38.35 2.45 0.00	35.40 2.13 0.00	35.96 2.45 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	31.88 2.37 0.00	32.96 2.51 0.00	28.64 2.24 0.00	24.35 1.84 0.00	25.48 1.88 0.00	23.61 1.75 0.00	22.15 1.66 0.00	25.98 1.95 0.00	26.58 2.09 0.00	26.32 2.09 0.00	26.45 2.26 0.00	36.89 2.89 0.00	37.86 2.94 0.00	39.50 3.07 0.00	36.33 3.16 0.00	36.94 3.40 0.00	46.09 3.84 0.00	46.35 3.92 0.00	41.92 3.48 0.00	40.88 3.12 0.00	40.84 2.98 0.00	38.84 2.95 0.00	35.82 2.55 0.00	36.51 3.00 0.00
PATROON___115KV_TB1 80586	30.38 0.86 0.00	31.35 0.89 0.00	27.21 0.81 0.00	23.23 0.73 0.00	24.37 0.77 0.00	22.58 0.72 0.00	21.15 0.66 0.00	24.78 0.76 0.00	25.24 0.75 0.00	24.96 0.73 0.00	24.92 0.73 0.00	34.85 0.85 0.00	35.68 0.76 0.00	37.43 1.00 0.00	34.16 0.99 0.00	34.52 0.98 0.00	43.58 1.34 0.00	43.83 1.39 0.00	39.64 1.20 0.00	38.95 1.19 0.00	39.05 1.19 0.00	36.99 1.10 0.00	33.98 0.72 0.00	34.29 0.78 0.00
PATTRSNVILLE___SOLAR 323815	30.91 1.40 0.00	31.85 1.39 0.00	27.58 1.18 0.00	23.50 1.00 0.00	24.65 1.06 0.00	22.82 0.96 0.00	21.36 0.87 0.00	24.89 0.86 0.00	25.27 0.78 0.00	24.92 0.69 0.00	24.85 0.67 0.00	34.99 0.99 0.00	35.82 0.90 0.00	37.49 1.06 0.00	34.19 1.02 0.00	34.59 1.05 0.00	43.66 1.42 0.00	44.05 1.62 0.00	40.24 1.80 0.00	39.72 1.96 0.00	39.86 2.00 0.00	37.75 1.85 0.00	34.80 1.53 0.00	35.06 1.55 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.93 0.42 0.00	30.59 0.14 0.00	26.27 -0.13 0.00	22.32 -0.19 0.00	23.41 -0.19 0.00	21.59 -0.26 0.00	20.18 -0.32 0.00	23.99 -0.03 0.00	24.64 0.15 0.00	24.50 0.27 0.00	24.29 0.10 0.00	34.88 0.88 0.00	36.38 1.46 0.00	37.86 1.43 0.00	34.39 1.22 0.00	34.96 1.43 0.00	43.78 1.54 0.00	44.27 1.84 0.00	39.81 1.37 0.00	39.04 1.28 0.00	39.26 1.39 0.00	37.18 1.28 0.00	34.22 0.96 0.00	34.18 0.67 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.65 2.14 0.00	32.66 2.21 0.00	28.31 1.91 0.00	24.09 1.59 0.00	25.21 1.62 0.00	23.36 1.50 0.00	21.91 1.41 0.00	25.69 1.67 0.00	26.37 1.88 0.00	26.12 1.89 0.00	26.23 2.04 0.00	36.79 2.79 0.00	37.79 2.88 0.00	39.57 3.13 0.00	36.28 3.11 0.00	36.78 3.25 0.00	46.22 3.98 0.00	46.44 4.00 0.00	41.92 3.48 0.00	40.92 3.16 0.00	40.89 3.03 0.00	38.80 2.90 0.00	35.70 2.43 0.00	36.02 2.51 0.00
PEEKSKILL___ 23653	31.25 1.74 0.00	32.27 1.82 0.00	27.99 1.59 0.00	23.83 1.32 0.00	24.93 1.33 0.00	23.09 1.24 0.00	21.66 1.16 0.00	25.39 1.37 0.00	26.05 1.56 0.00	25.81 1.58 0.00	25.92 1.73 0.00	36.32 2.32 0.00	37.30 2.38 0.00	39.01 2.57 0.00	35.73 2.56 0.00	36.21 2.67 0.00	45.45 3.21 0.00	45.59 3.16 0.00	41.17 2.73 0.00	40.23 2.46 0.00	40.23 2.37 0.00	38.22 2.32 0.00	35.22 1.95 0.00	35.60 2.09 0.00
PGE MADISON___WINDPWR 24146	32.14 2.20 -0.43	33.21 2.30 -0.45	28.26 1.85 0.00	24.13 1.63 0.00	25.41 1.81 0.00	23.49 1.63 0.00	22.17 1.67 0.00	27.04 3.02 0.00	27.69 3.19 -0.01	27.32 3.08 -0.01	27.27 3.03 -0.05	39.30 4.80 -0.50	39.11 3.42 -0.77	40.45 3.10 -0.91	36.79 2.94 -0.69	37.21 2.96 -0.71	47.49 3.87 -1.38	47.93 4.12 -1.38	43.67 4.10 -1.12	43.18 4.35 -1.06	43.46 4.53 -1.07	41.04 4.21 -0.93	37.50 3.51 -0.72	37.50 3.25 -0.74

PIERCEFIELD___HYD 23852	28.20 -1.51 -0.20	29.18 -1.49 -0.21	25.39 -1.01 0.00	21.57 -0.94 0.00	22.62 -0.98 0.00	20.96 -0.90 0.00	19.64 -0.86 0.00	23.08 -0.95 0.00	-76.61 -1.34 99.76	-12.78 -1.33 35.68	22.07 -1.40 0.72	32.27 -2.07 -0.34	-150.78 -2.15 183.54	-66.07 -2.43 100.08	-78.63 -2.46 109.34	31.27 -2.53 -0.27	38.92 -3.16 0.15	29.28 -3.07 10.09	35.61 -2.57 0.26	35.95 -2.27 -0.46	36.20 -2.13 -0.46	34.24 -2.06 -0.40	31.92 -1.63 -0.28	32.10 -1.73 -0.31
PINELAWN_CC_1 323563	31.55 2.04 0.00	32.96 2.51 0.00	29.78 2.23 -1.15	27.20 1.95 -2.75	26.69 2.00 -1.10	24.07 1.83 -0.39	22.12 1.63 0.00	25.80 1.77 0.00	26.48 1.99 0.00	25.88 1.65 0.00	25.93 1.74 0.00	36.11 2.12 0.00	37.41 2.50 0.00	38.84 2.40 0.00	35.57 2.40 0.00	36.23 2.70 0.00	45.63 3.03 -0.35	46.12 2.99 -0.70	40.83 2.39 0.00	39.05 1.98 0.69	38.91 1.82 0.77	37.76 1.86 0.00	35.13 1.86 0.00	36.04 2.53 0.00
PJM_GEN_HTTP_PROXY 323702	31.47 1.98 0.03	32.52 2.07 0.00	28.22 1.82 0.00	24.03 1.53 0.00	25.14 1.54 0.00	23.28 1.42 0.00	21.15 1.33 0.67	27.64 1.57 -2.05	26.26 1.77 0.00	26.04 1.81 0.00	26.18 1.99 0.00	36.69 2.69 0.00	37.68 2.76 0.00	43.40 2.90 -4.06	35.29 2.91 0.79	36.56 3.02 0.00	50.79 3.50 -5.05	45.83 3.39 0.00	41.41 2.97 0.00	40.41 2.65 0.00	40.39 2.53 0.00	38.39 2.49 0.00	35.39 2.18 0.05	35.88 2.37 0.00
PJM_GEN_KEystone 24065	30.16 0.68 0.03	31.09 0.64 0.00	26.84 0.44 0.00	22.08 0.32 0.75	21.51 0.32 2.41	22.13 0.28 0.00	20.07 0.25 0.67	25.04 0.44 -0.57	25.15 0.66 0.00	24.96 0.73 0.00	24.93 0.74 0.00	35.29 1.29 0.00	36.41 1.50 0.00	42.09 1.59 -4.06	33.92 1.54 0.79	35.22 1.68 0.00	49.20 1.91 -5.05	46.06 1.86 -1.77	38.55 1.45 1.34	38.97 1.21 0.00	39.08 1.22 0.00	37.13 1.23 0.00	34.17 0.96 0.05	34.42 0.96 0.05
PJM_GEN_NEPTUNE_PROXY 323594	31.24 1.75 0.03	32.57 2.11 0.00	29.18 1.90 -0.88	25.94 1.65 -1.78	25.87 1.68 -0.59	23.62 1.56 -0.21	21.21 1.39 0.67	27.58 1.51 -2.05	26.18 1.69 0.00	25.80 1.57 0.00	25.92 1.73 0.00	36.22 2.23 0.00	37.43 2.51 0.00	43.14 2.64 -4.06	34.96 2.58 0.79	36.32 2.78 0.00	50.54 3.24 -5.05	45.57 3.13 0.00	41.01 2.57 0.00	39.15 2.18 0.79	39.03 2.05 0.88	37.97 2.08 0.00	35.02 1.80 0.05	35.66 2.15 0.00
PJM_GEN_VFT_PROXY 323633	31.38 1.90 0.03	32.42 1.96 0.00	28.13 1.74 0.00	23.96 1.45 0.00	25.06 1.46 0.00	23.21 1.36 0.00	21.09 1.27 0.67	27.57 1.50 -2.05	26.20 1.71 0.00	25.99 1.76 0.00	26.11 1.92 0.00	36.56 2.57 0.00	37.56 2.64 0.00	43.27 2.77 -4.06	35.20 2.82 0.79	36.48 2.95 0.00	50.68 3.39 -5.05	45.68 3.24 0.00	41.28 2.84 0.00	40.31 2.55 0.00	40.24 2.37 0.00	38.21 2.32 0.00	35.23 2.02 0.05	35.00 2.20 0.71
PLATSBURG_115KV_PMLD1 355749	29.75 0.24 0.00	31.18 0.73 0.00	26.90 0.50 0.00	22.85 0.35 0.00	23.95 0.35 0.00	22.19 0.33 0.00	20.83 0.33 0.00	24.45 0.42 0.00	16.89 0.54 8.14	21.89 0.57 2.91	24.66 0.53 0.06	34.70 0.71 0.00	20.78 0.86 15.00	28.52 0.28 8.20	23.93 -0.30 8.94	32.72 -0.81 0.01	40.74 -1.44 0.06	39.42 -1.25 1.76	37.63 -0.74 0.06	37.52 -0.24 0.00	38.02 0.15 0.00	35.97 0.07 0.00	32.83 -0.43 0.00	32.90 -0.61 0.00
PLEASANTVLY___LBMP 24000	31.03 1.52 0.00	32.06 1.60 0.00	27.81 1.41 0.00	23.68 1.18 0.00	24.79 1.20 0.00	22.98 1.12 0.00	21.55 1.05 0.00	25.24 1.22 0.00	25.86 1.37 0.00	25.59 1.36 0.00	25.66 1.47 0.00	35.92 1.93 0.00	36.84 1.92 0.00	38.53 2.10 0.00	35.29 2.12 0.00	35.72 2.18 0.00	44.87 2.63 0.00	45.06 2.63 0.00	40.71 2.27 0.00	39.82 2.06 0.00	39.86 2.00 0.00	37.84 1.95 0.00	34.87 1.61 0.00	35.26 1.75 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.37 1.86 0.00	32.40 1.94 0.00	28.10 1.70 0.00	23.92 1.42 0.00	25.03 1.44 0.00	23.19 1.33 0.00	21.74 1.24 0.00	25.47 1.45 0.00	26.13 1.64 0.00	25.89 1.66 0.00	25.99 1.80 0.00	36.42 2.43 0.00	37.38 2.47 0.00	39.10 2.66 0.00	35.83 2.66 0.00	36.30 2.77 0.00	45.56 3.32 0.00	45.72 3.28 0.00	41.29 2.85 0.00	40.35 2.58 0.00	40.32 2.45 0.00	38.32 2.42 0.00	35.30 2.04 0.00	35.70 2.19 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.37 1.86 0.00	32.40 1.94 0.00	28.10 1.70 0.00	23.92 1.42 0.00	25.03 1.44 0.00	23.19 1.33 0.00	21.74 1.24 0.00	25.47 1.45 0.00	26.13 1.64 0.00	25.89 1.66 0.00	25.99 1.80 0.00	36.42 2.43 0.00	37.38 2.47 0.00	39.10 2.66 0.00	35.83 2.66 0.00	36.30 2.77 0.00	45.56 3.32 0.00	45.72 3.28 0.00	41.29 2.85 0.00	40.35 2.58 0.00	40.32 2.45 0.00	38.32 2.42 0.00	35.30 2.04 0.00	35.70 2.19 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.40 1.88 0.00	32.39 1.93 0.00	28.08 1.68 0.00	23.89 1.39 0.00	25.01 1.42 0.00	23.18 1.32 0.00	21.74 1.24 0.00	25.48 1.46 0.00	26.13 1.64 0.00	25.87 1.64 0.00	25.96 1.77 0.00	36.41 2.41 0.00	37.39 2.48 0.00	39.10 2.66 0.00	35.83 2.66 0.00	36.31 2.78 0.00	45.66 3.42 0.00	45.93 3.50 0.00	41.48 3.05 0.00	40.54 2.78 0.00	40.55 2.68 0.00	38.46 2.56 0.00	35.39 2.12 0.00	35.71 2.20 0.00
POLETTI____ 23519	31.50 1.99 0.00	32.52 2.06 0.00	28.21 1.82 0.00	24.03 1.53 0.00	25.13 1.54 0.00	23.28 1.43 0.00	21.83 1.33 0.00	25.59 1.56 0.00	26.27 1.78 0.00	26.03 1.80 0.00	26.18 1.99 0.00	36.66 2.66 0.00	37.63 2.71 0.00	39.26 2.83 0.00	36.02 2.85 0.00	36.50 2.97 0.00	45.67 3.43 0.00	45.74 3.31 0.00	41.34 2.90 0.00	40.36 2.60 0.00	40.32 2.46 0.00	38.33 2.43 0.00	35.40 2.14 0.00	35.87 2.36 0.00
POMONA___ESR 323819	31.28 1.76 0.00	32.27 1.82 0.00	27.99 1.59 0.00	23.81 1.31 0.00	24.92 1.32 0.00	23.09 1.23 0.00	21.65 1.15 0.00	25.40 1.38 0.00	26.08 1.59 0.00	25.85 1.61 0.00	25.95 1.77 0.00	36.40 2.40 0.00	37.41 2.50 0.00	39.17 2.73 0.00	35.88 2.71 0.00	36.38 2.85 0.00	45.68 3.44 0.00	45.83 3.40 0.00	41.37 2.94 0.00	40.40 2.63 0.00	40.40 2.53 0.00	38.36 2.46 0.00	35.32 2.06 0.00	35.68 2.17 0.00
PORT_JEFF_3 23555	31.48 1.97 0.00	33.10 2.65 0.00	29.90 2.35 -1.15	27.30 2.05 -2.75	26.80 2.10 -1.10	24.17 1.93 -0.39	22.20 1.70 0.00	25.87 1.85 0.00	26.61 2.12 0.00	26.13 1.90 0.00	26.13 1.94 0.00	36.30 2.30 0.00	37.63 2.72 0.00	39.29 2.85 0.00	35.93 2.77 0.00	36.58 3.04 0.00	52.29 3.54 -6.51	58.86 3.42 -13.01	41.09 2.65 0.00	39.11 2.10 0.75	38.94 1.91 0.84	37.88 1.98 0.00	35.11 1.85 0.00	35.92 2.41 0.00
PORT_JEFF_4 23616	31.48 1.97 0.00	33.10 2.65 0.00	29.90 2.35 -1.15	27.30 2.05 -2.75	26.80 2.10 -1.10	24.17 1.93 -0.39	22.20 1.70 0.00	25.87 1.85 0.00	26.61 2.12 0.00	26.13 1.90 0.00	26.13 1.94 0.00	36.30 2.30 0.00	37.63 2.72 0.00	39.29 2.85 0.00	35.93 2.77 0.00	36.58 3.04 0.00	52.29 3.54 -6.51	58.86 3.42 -13.01	41.09 2.65 0.00	39.11 2.10 0.75	38.94 1.91 0.84	37.88 1.98 0.00	35.11 1.85 0.00	35.92 2.41 0.00

PORT_JEFF_IC 23713	31.55 2.04 0.00	33.15 2.69 0.00	29.95 2.40 -1.15	27.33 2.09 -2.74	26.83 2.14 -1.10	24.21 1.97 -0.39	22.23 1.73 0.00	25.91 1.89 0.00	26.67 2.18 0.00	26.18 1.95 0.00	26.13 1.94 0.00	36.27 2.28 0.00	37.63 2.71 0.00	39.29 2.85 0.00	35.94 2.77 0.00	36.59 3.06 0.00	54.48 3.57 -8.67	63.22 3.46 -17.33	41.14 2.70 0.00	39.16 2.15 0.75	38.98 1.95 0.84	37.90 2.00 0.00	35.18 1.92 0.00	36.04 2.52 0.00
PPL PILGRIM_ST_GT1 24216	31.64 2.13 0.00	33.15 2.69 0.00	29.96 2.41 -1.15	27.36 2.11 -2.75	26.86 2.16 -1.10	24.23 1.99 -0.39	22.25 1.75 0.00	25.91 1.88 0.00	26.61 2.12 0.00	26.14 1.91 0.00	26.23 2.05 0.00	36.59 2.59 0.00	37.96 3.04 0.00	39.46 3.02 0.00	36.13 2.96 0.00	36.75 3.22 0.00	46.84 3.49 -1.12	48.07 3.40 -2.23	41.17 2.73 0.00	39.29 2.27 0.74	39.11 2.07 0.83	38.03 2.13 0.00	35.46 2.19 0.00	36.18 2.66 0.00
PPL PILGRIM_ST_GT2 24217	31.64 2.13 0.00	33.15 2.69 0.00	29.96 2.41 -1.15	27.36 2.11 -2.75	26.86 2.16 -1.10	24.23 1.99 -0.39	22.25 1.75 0.00	25.91 1.88 0.00	26.61 2.12 0.00	26.14 1.91 0.00	26.23 2.05 0.00	36.59 2.59 0.00	37.96 3.04 0.00	39.46 3.02 0.00	36.13 2.96 0.00	36.75 3.22 0.00	46.84 3.49 -1.12	48.07 3.40 -2.23	41.17 2.73 0.00	39.29 2.27 0.74	39.11 2.07 0.83	38.03 2.13 0.00	35.46 2.19 0.00	36.18 2.66 0.00
PPL_SHRM_GT3 24213	31.51 2.00 0.00	33.03 2.57 0.00	29.81 2.26 -1.15	27.19 1.94 -2.75	26.69 2.00 -1.10	24.07 1.83 -0.39	22.11 1.61 0.00	25.78 1.76 0.00	26.59 2.10 0.00	26.11 1.88 0.00	26.17 1.98 0.00	36.52 2.53 0.00	37.98 3.06 0.00	39.65 3.21 0.00	36.19 3.02 0.00	36.97 3.43 0.00	53.24 4.08 -6.92	60.19 3.91 -13.84	41.47 3.03 0.00	39.50 2.48 0.75	39.33 2.30 0.84	38.20 2.30 0.00	35.39 2.13 0.00	36.13 2.62 0.00
PPL_SHRM_GT4 24214	31.51 2.00 0.00	33.03 2.57 0.00	29.81 2.26 -1.15	27.19 1.94 -2.75	26.69 2.00 -1.10	24.07 1.83 -0.39	22.11 1.61 0.00	25.78 1.76 0.00	26.59 2.10 0.00	26.11 1.88 0.00	26.17 1.98 0.00	36.52 2.53 0.00	37.98 3.06 0.00	39.65 3.21 0.00	36.19 3.02 0.00	36.97 3.43 0.00	53.24 4.08 -6.92	60.19 3.91 -13.84	41.47 3.03 0.00	39.50 2.48 0.75	39.33 2.30 0.84	38.20 2.30 0.00	35.39 2.13 0.00	36.13 2.62 0.00
PROJECT___ORANGE 1 24174	30.07 -0.03 -0.59	30.95 -0.12 -0.61	26.23 -0.18 0.00	22.34 -0.16 0.00	23.44 -0.16 0.00	21.69 -0.17 0.00	20.36 -0.14 0.00	23.87 -0.16 0.00	21.60 -0.11 2.78	23.22 -0.03 0.97	24.23 -0.02 -0.07	35.07 0.14 -0.93	31.12 0.26 4.06	35.20 0.32 1.56	31.36 0.31 2.12	34.87 0.38 -0.95	44.62 0.47 -1.91	44.62 0.53 -1.66	40.48 0.49 -1.55	39.70 0.44 -1.49	39.77 0.40 -1.50	37.54 0.34 -1.30	34.39 0.11 -1.02	34.54 -0.01 -1.04
PROJECT___ORANGE 2 24166	30.07 -0.03 -0.59	30.95 -0.12 -0.61	26.23 -0.18 0.00	22.34 -0.16 0.00	23.44 -0.16 0.00	21.69 -0.17 0.00	20.36 -0.14 0.00	23.87 -0.16 0.00	21.60 -0.11 2.78	23.22 -0.03 0.97	24.23 -0.02 -0.07	35.07 0.14 -0.93	31.12 0.26 4.06	35.20 0.32 1.56	31.36 0.31 2.12	34.87 0.38 -0.95	44.62 0.47 -1.91	44.62 0.53 -1.66	40.48 0.49 -1.55	39.70 0.44 -1.49	39.77 0.40 -1.50	37.54 0.34 -1.30	34.39 0.11 -1.02	34.54 -0.01 -1.04
PUCKETT___SOLAR 323809	30.70 0.79 -0.40	31.69 0.82 -0.42	26.98 0.57 0.00	22.96 0.46 0.00	24.12 0.53 0.00	22.33 0.48 0.00	20.96 0.46 0.00	24.74 0.71 0.00	25.27 0.77 -0.01	25.02 0.76 -0.02	24.97 0.72 -0.06	35.95 1.31 -0.64	36.97 1.31 -0.74	38.62 1.34 -0.85	35.06 1.26 -0.63	35.50 1.31 -0.66	45.15 1.64 -1.27	45.40 1.70 -1.27	41.13 1.66 -1.03	40.44 1.70 -0.98	40.62 1.77 -0.98	38.46 1.71 -0.85	35.29 1.35 -0.67	35.40 1.21 -0.68
PYRITES___HYD 24023	28.89 -0.82 -0.19	29.86 -0.79 -0.20	26.00 -0.40 0.00	22.10 -0.40 0.00	23.18 -0.42 0.00	21.48 -0.38 0.00	20.12 -0.38 0.00	23.62 -0.41 0.00	-82.13 -0.94 105.69	-14.52 -0.94 37.80	22.32 -1.10 0.77	32.60 -1.71 -0.32	-161.36 -1.77 194.50	-71.65 -2.00 106.08	-84.79 -2.08 115.88	31.65 -2.12 -0.24	39.33 -2.67 0.24	29.18 -2.51 10.75	36.12 -1.97 0.35	36.68 -1.51 -0.42	37.10 -1.20 -0.43	35.12 -1.15 -0.37	32.81 -0.71 -0.25	32.95 -0.85 -0.29
QUAKERRD_115KV_BK1 80622	29.21 -0.30 0.00	29.92 -0.53 0.00	25.82 -0.58 0.00	21.98 -0.52 0.00	23.05 -0.55 0.00	21.30 -0.56 0.00	19.93 -0.57 0.00	23.51 -0.51 0.00	24.06 -0.43 0.00	23.89 -0.34 0.00	23.79 -0.40 0.00	33.83 -0.16 0.00	35.10 0.18 0.00	36.64 0.20 0.00	33.31 0.14 0.00	33.80 0.27 0.00	42.49 0.25 0.00	42.97 0.54 0.00	38.83 0.39 0.00	38.14 0.38 0.00	38.24 0.37 0.00	36.13 0.23 0.00	33.25 -0.02 0.00	33.28 -0.23 0.00
QUENSBRY_115KV_TB8 356137	31.50 1.99 0.00	32.46 2.01 0.00	28.09 1.69 0.00	23.90 1.39 0.00	25.04 1.45 0.00	23.20 1.34 0.00	21.76 1.26 0.00	25.47 1.44 0.00	25.96 1.48 0.00	25.57 1.33 0.00	25.24 1.05 0.00	35.42 1.42 0.00	36.26 1.34 0.00	38.24 1.80 0.00	35.16 1.99 0.00	35.47 1.94 0.00	45.01 2.76 0.00	45.63 3.20 0.00	41.62 3.18 0.00	40.96 3.20 0.00	40.44 2.57 0.00	37.91 2.01 0.00	34.76 1.50 0.00	35.64 2.12 0.00
RAMAPO___LBMP 323565	31.10 1.59 0.00	32.10 1.64 0.00	27.84 1.44 0.00	23.69 1.18 0.00	24.79 1.19 0.00	22.97 1.11 0.00	21.54 1.04 0.00	25.27 1.25 0.00	25.95 1.46 0.00	25.71 1.47 0.00	25.80 1.61 0.00	36.18 2.19 0.00	37.19 2.27 0.00	38.91 2.48 0.00	35.63 2.46 0.00	36.12 2.58 0.00	45.37 3.13 0.00	45.50 3.07 0.00	41.09 2.65 0.00	40.12 2.36 0.00	40.15 2.28 0.00	38.12 2.22 0.00	35.11 1.84 0.00	35.47 1.96 0.00
RANKINE____ 23646	29.97 0.45 0.00	30.61 0.16 0.00	26.31 -0.09 0.00	22.35 -0.15 0.00	23.45 -0.14 0.00	21.63 -0.22 0.00	20.21 -0.29 0.00	24.02 -0.01 0.00	24.65 0.16 0.00	24.49 0.26 0.00	24.28 0.09 0.00	34.84 0.84 0.00	36.37 1.46 0.00	37.85 1.41 0.00	34.36 1.19 0.00	34.93 1.39 0.00	43.69 1.45 0.00	44.22 1.79 0.00	39.77 1.33 0.00	39.05 1.28 0.00	39.27 1.40 0.00	37.21 1.31 0.00	34.26 1.00 0.00	34.23 0.72 0.00
RAVENSWOOD_GT2_1 24244	31.57 2.06 0.00	32.58 2.13 0.00	28.27 1.87 0.00	24.06 1.56 0.00	25.18 1.58 0.00	23.31 1.46 0.00	21.86 1.37 0.00	25.64 1.61 0.00	26.31 1.82 0.00	26.07 1.84 0.00	26.21 2.02 0.00	36.71 2.71 0.00	37.66 2.74 0.00	39.28 2.84 0.00	36.04 2.87 0.00	36.50 2.97 0.00	45.69 3.45 0.00	45.77 3.34 0.00	41.36 2.92 0.00	40.39 2.63 0.00	40.37 2.50 0.00	38.38 2.48 0.00	35.45 2.19 0.00	35.94 2.43 0.00
RAVENSWOOD_GT2_2 24245	31.57 2.06 0.00	32.58 2.13 0.00	28.27 1.87 0.00	24.06 1.56 0.00	25.18 1.58 0.00	23.31 1.46 0.00	21.86 1.37 0.00	25.64 1.61 0.00	26.31 1.82 0.00	26.07 1.84 0.00	26.21 2.02 0.00	36.71 2.71 0.00	37.66 2.74 0.00	39.28 2.84 0.00	36.04 2.87 0.00	36.50 2.97 0.00	45.69 3.45 0.00	45.77 3.34 0.00	41.36 2.92 0.00	40.39 2.63 0.00	40.37 2.50 0.00	38.38 2.48 0.00	35.45 2.19 0.00	35.94 2.43 0.00

RAVENSWOOD___1 23533	31.62 2.11 0.00	32.60 2.15 0.00	28.28 1.87 0.00	24.06 1.56 0.00	25.18 1.58 0.00	23.32 1.46 0.00	21.88 1.38 0.00	25.63 1.60 0.00	26.30 1.81 0.00	26.08 1.85 0.00	26.24 2.05 0.00	36.72 2.72 0.00	37.65 2.73 0.00	39.24 2.80 0.00	35.99 2.82 0.00	36.45 2.91 0.00	45.57 3.33 0.00	45.67 3.23 0.00	41.27 2.83 0.00	40.31 2.55 0.00	40.32 2.45 0.00	38.36 2.46 0.00	35.18 2.22 0.31	35.99 2.48 0.00
RAVENSWOOD___2 23534	31.56 2.04 0.00	32.55 2.10 0.00	28.24 1.84 0.00	24.04 1.53 0.00	25.14 1.54 0.00	23.29 1.44 0.00	21.84 1.35 0.00	25.60 1.57 0.00	26.26 1.77 0.00	26.05 1.82 0.00	26.21 2.02 0.00	36.65 2.65 0.00	37.47 2.55 0.00	38.99 2.55 0.00	35.73 2.56 0.00	36.17 2.64 0.00	45.23 2.99 0.00	45.33 2.90 0.00	40.96 2.52 0.00	40.01 2.25 0.00	40.04 2.17 0.00	38.14 2.24 0.00	35.38 2.12 0.00	35.95 2.44 0.00
RAVENSWOOD___3 23535	31.57 2.06 0.00	32.59 2.13 0.00	28.27 1.86 0.00	24.06 1.56 0.00	25.18 1.58 0.00	23.32 1.46 0.00	21.87 1.37 0.00	25.63 1.61 0.00	26.30 1.81 0.00	26.07 1.84 0.00	26.21 2.02 0.00	36.71 2.72 0.00	37.66 2.74 0.00	39.29 2.85 0.00	36.04 2.87 0.00	36.51 2.98 0.00	45.70 3.46 0.00	45.78 3.35 0.00	41.37 2.93 0.00	40.39 2.63 0.00	40.37 2.51 0.00	38.38 2.48 0.00	35.46 2.19 0.00	35.94 2.43 0.00
RAVENSWOOD___4 23820	31.60 2.08 0.00	32.60 2.14 0.00	28.28 1.87 0.00	24.06 1.56 0.00	25.18 1.58 0.00	23.32 1.46 0.00	21.88 1.38 0.00	25.63 1.60 0.00	26.30 1.81 0.00	26.08 1.85 0.00	26.24 2.05 0.00	36.72 2.72 0.00	37.65 2.73 0.00	39.24 2.80 0.00	35.99 2.82 0.00	36.45 2.91 0.00	45.57 3.33 0.00	45.67 3.23 0.00	41.27 2.83 0.00	40.31 2.55 0.00	40.32 2.45 0.00	38.36 2.46 0.00	35.18 2.22 0.31	35.99 2.48 0.00
RCPL_TRUST___DRP 24196	31.54 2.03 0.00	32.56 2.11 0.00	28.26 1.86 0.00	24.06 1.56 0.00	25.17 1.57 0.00	23.31 1.45 0.00	21.85 1.36 0.00	25.64 1.61 0.00	26.32 1.83 0.00	26.08 1.85 0.00	26.23 2.04 0.00	36.76 2.76 0.00	37.74 2.82 0.00	39.40 2.96 0.00	36.13 2.97 0.00	36.61 3.08 0.00	45.81 3.57 0.00	45.88 3.45 0.00	41.46 3.02 0.00	40.47 2.71 0.00	40.45 2.58 0.00	38.45 2.55 0.00	35.48 2.22 0.00	35.93 2.42 0.00
RED___ROCHESTER 323720	30.13 0.61 0.00	30.83 0.37 0.00	26.57 0.17 0.00	22.59 0.09 0.00	23.69 0.09 0.00	21.88 0.02 0.00	20.46 -0.04 0.00	24.19 0.16 0.00	24.80 0.31 0.00	24.62 0.39 0.00	24.50 0.31 0.00	34.94 0.94 0.00	36.34 1.42 0.00	37.92 1.48 0.00	34.47 1.30 0.00	35.02 1.48 0.00	44.00 1.76 0.00	44.53 2.09 0.00	40.20 1.76 0.00	39.49 1.72 0.00	39.58 1.72 0.00	37.38 1.49 0.00	34.38 1.12 0.00	34.36 0.85 0.00
REGAN___SOLAR 323812	33.36 3.84 0.00	34.20 3.75 0.00	29.44 3.04 0.00	25.05 2.55 0.00	26.21 2.61 0.00	24.21 2.36 0.00	22.37 1.87 0.00	25.03 1.00 0.00	25.07 0.58 0.00	24.50 0.27 0.00	24.62 0.43 0.00	35.03 1.03 0.00	35.40 0.48 0.00	37.41 0.97 0.00	34.19 1.02 0.00	34.21 0.67 0.00	43.68 1.44 0.00	45.13 2.69 0.00	42.96 4.52 0.00	43.30 5.54 0.00	43.78 5.91 0.00	41.41 5.51 0.00	38.18 4.91 0.00	37.98 4.47 0.00
RENSSELAER___COGEN 23796	30.13 0.62 0.00	31.10 0.65 0.00	27.00 0.60 0.00	23.07 0.57 0.00	24.20 0.60 0.00	22.42 0.57 0.00	21.01 0.51 0.00	24.60 0.57 0.00	25.04 0.55 0.00	24.75 0.52 0.00	24.70 0.51 0.00	34.50 0.50 0.00	35.27 0.35 0.00	37.00 0.56 0.00	33.75 0.58 0.00	34.12 0.58 0.00	43.05 0.81 0.00	43.29 0.86 0.00	39.15 0.71 0.00	38.49 0.72 0.00	38.62 0.75 0.00	36.60 0.70 0.00	33.64 0.38 0.00	33.96 0.45 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.32 3.80 0.00	34.42 3.96 0.00	29.66 3.26 0.00	25.14 2.63 0.00	26.30 2.70 0.00	24.39 2.53 0.00	22.90 2.40 0.00	26.72 2.70 0.00	27.29 2.80 0.00	26.75 2.52 0.00	26.33 2.14 0.00	36.99 3.00 0.00	38.04 3.12 0.00	40.40 3.97 0.00	37.34 4.17 0.00	37.40 3.87 0.00	47.44 5.20 0.00	48.56 6.13 0.00	44.26 5.82 0.00	43.79 6.03 0.00	42.07 4.20 0.00	38.82 2.92 0.00	35.52 2.25 0.00	38.05 4.54 0.00
REVERE_CPPR_DRP 24186	31.01 1.19 -0.30	31.87 1.10 -0.32	27.25 0.85 0.00	23.16 0.66 0.00	24.32 0.72 0.00	22.53 0.68 0.00	21.11 0.61 0.00	24.75 0.72 0.00	16.65 0.74 8.58	21.97 0.79 3.06	25.00 0.82 0.02	35.83 1.34 -0.50	20.99 1.32 15.25	29.88 1.43 7.99	25.46 1.23 8.94	35.38 1.36 -0.49	44.99 1.84 -0.91	44.51 1.98 -0.09	41.08 1.91 -0.73	40.57 2.05 -0.75	40.72 2.09 -0.76	38.42 1.87 -0.66	35.23 1.45 -0.51	35.31 1.27 -0.52
REYNOLDS_115KV_TB3 80639	30.39 0.87 0.00	31.37 0.92 0.00	27.26 0.86 0.00	23.30 0.79 0.00	24.43 0.84 0.00	22.64 0.79 0.00	21.20 0.70 0.00	24.81 0.78 0.00	25.27 0.77 0.00	24.97 0.74 0.00	24.91 0.72 0.00	34.80 0.80 0.00	35.57 0.65 0.00	37.33 0.89 0.00	34.04 0.87 0.00	34.39 0.85 0.00	43.42 1.18 0.00	43.67 1.23 0.00	39.46 1.02 0.00	38.81 1.05 0.00	38.96 1.09 0.00	36.93 1.03 0.00	33.92 0.65 0.00	34.29 0.78 0.00
RIVERBAY____ 323610	31.88 2.37 0.00	32.96 2.51 0.00	28.64 2.24 0.00	24.35 1.84 0.00	25.48 1.88 0.00	23.61 1.75 0.00	22.15 1.66 0.00	25.98 1.95 0.00	26.58 2.09 0.00	26.32 2.09 0.00	26.45 2.26 0.00	36.89 2.89 0.00	37.86 2.94 0.00	39.50 3.07 0.00	36.33 3.16 0.00	36.94 3.40 0.00	46.09 3.84 0.00	46.35 3.92 0.00	41.92 3.48 0.00	40.88 3.12 0.00	40.84 2.98 0.00	38.84 2.95 0.00	35.82 2.55 0.00	36.51 3.00 0.00
RIVERSDE_115KV_TB3 55908	30.31 0.80 0.00	31.30 0.84 0.00	27.18 0.77 0.00	23.21 0.71 0.00	24.35 0.75 0.00	22.56 0.71 0.00	21.14 0.64 0.00	24.75 0.72 0.00	25.20 0.71 0.00	24.92 0.69 0.00	24.87 0.68 0.00	34.74 0.74 0.00	35.53 0.61 0.00	37.28 0.85 0.00	34.01 0.84 0.00	34.37 0.83 0.00	43.39 1.15 0.00	43.63 1.19 0.00	39.44 1.00 0.00	38.77 1.01 0.00	38.90 1.04 0.00	36.87 0.97 0.00	33.87 0.61 0.00	34.21 0.69 0.00
ROARING___BROOK_WT_PWR 323790	29.01 -0.50 0.00	29.87 -0.58 0.00	25.80 -0.60 0.00	22.01 -0.49 0.00	23.02 -0.58 0.00	21.38 -0.47 0.00	20.03 -0.47 0.00	23.64 -0.38 0.00	29.02 -0.36 -4.89	25.63 -0.35 -1.75	23.84 -0.39 -0.04	33.40 -0.59 0.00	43.29 -0.64 -9.01	40.60 -0.76 -4.92	37.69 -0.85 -5.37	32.63 -0.91 0.00	41.13 -1.14 -0.04	40.67 -0.76 1.01	38.02 -0.45 -0.02	37.38 -0.39 0.00	37.49 -0.38 0.00	35.51 -0.39 0.00	32.98 -0.28 0.00	33.22 -0.29 0.00
ROCHESRG_115KV_T4 355643	29.73 0.22 0.00	30.44 -0.01 0.00	26.25 -0.15 0.00	22.35 -0.16 0.00	23.43 -0.16 0.00	21.64 -0.22 0.00	20.24 -0.26 0.00	23.91 -0.11 0.00	24.48 -0.01 0.00	24.30 0.07 0.00	24.17 -0.02 0.00	34.42 0.42 0.00	35.77 0.86 0.00	37.32 0.88 0.00	33.90 0.73 0.00	34.41 0.87 0.00	43.21 0.97 0.00	43.71 1.28 0.00	39.44 1.00 0.00	38.76 0.99 0.00	38.89 1.02 0.00	36.77 0.87 0.00	33.86 0.59 0.00	33.89 0.38 0.00

ROCHESTER_9_IC 23652	29.94 0.43 0.00	30.65 0.20 0.00	26.43 0.03 0.00	22.48 -0.02 0.00	23.57 -0.02 0.00	21.77 -0.09 0.00	20.36 -0.14 0.00	24.06 0.04 0.00	24.64 0.15 0.00	24.47 0.24 0.00	24.34 0.15 0.00	34.69 0.69 0.00	36.07 1.15 0.00	37.63 1.20 0.00	34.20 1.03 0.00	34.73 1.19 0.00	43.62 1.38 0.00	44.14 1.70 0.00	39.83 1.39 0.00	39.13 1.37 0.00	39.24 1.38 0.00	37.09 1.19 0.00	34.14 0.87 0.00	34.13 0.62 0.00
ROCKVIEW_13_KV_LD 356306	31.57 2.06 0.00	32.59 2.14 0.00	28.26 1.86 0.00	24.05 1.55 0.00	25.16 1.57 0.00	23.31 1.45 0.00	21.84 1.35 0.00	25.61 1.59 0.00	26.27 1.79 0.00	26.04 1.81 0.00	26.18 1.99 0.00	36.68 2.69 0.00	37.66 2.74 0.00	39.37 2.94 0.00	36.06 2.89 0.00	36.58 3.04 0.00	45.86 3.62 0.00	46.01 3.58 0.00	41.56 3.12 0.00	40.58 2.82 0.00	40.57 2.70 0.00	38.57 2.67 0.00	35.52 2.26 0.00	35.95 2.44 0.00
ROME____115KV_TB2 80656	31.01 1.19 -0.30	31.87 1.10 -0.32	27.25 0.85 0.00	23.16 0.66 0.00	24.32 0.72 0.00	22.53 0.68 0.00	21.11 0.61 0.00	24.75 0.72 0.00	16.65 0.74 8.58	21.97 0.79 3.06	25.00 0.82 0.02	35.83 1.34 -0.50	20.99 1.32 15.25	29.88 1.43 7.99	25.46 1.23 8.94	35.38 1.36 -0.49	44.99 1.84 -0.91	44.51 1.98 -0.09	41.08 1.91 -0.73	40.57 2.05 -0.75	40.72 2.09 -0.76	38.42 1.87 -0.66	35.23 1.45 -0.51	35.31 1.27 -0.52
ROSETON____1 23587	30.99 1.47 0.00	32.01 1.55 0.00	27.76 1.36 0.00	23.64 1.14 0.00	24.76 1.16 0.00	22.94 1.08 0.00	21.51 1.01 0.00	25.20 1.18 0.00	25.81 1.32 0.00	25.55 1.32 0.00	25.61 1.42 0.00	35.85 1.86 0.00	36.78 1.87 0.00	38.47 2.03 0.00	35.24 2.07 0.00	35.67 2.13 0.00	44.80 2.56 0.00	44.99 2.55 0.00	40.64 2.20 0.00	39.74 1.98 0.00	39.78 1.91 0.00	37.77 1.87 0.00	34.81 1.55 0.00	35.19 1.68 0.00
ROSETON____2 23588	30.99 1.47 0.00	32.01 1.55 0.00	27.76 1.36 0.00	23.64 1.14 0.00	24.76 1.16 0.00	22.94 1.08 0.00	21.51 1.01 0.00	25.20 1.18 0.00	25.81 1.32 0.00	25.55 1.32 0.00	25.61 1.42 0.00	35.85 1.86 0.00	36.78 1.87 0.00	38.47 2.03 0.00	35.24 2.07 0.00	35.67 2.13 0.00	44.80 2.56 0.00	44.99 2.55 0.00	40.64 2.20 0.00	39.74 1.98 0.00	39.78 1.91 0.00	37.77 1.87 0.00	34.81 1.55 0.00	35.19 1.68 0.00
ROTTDAM_115KV_TB3 80664	30.61 1.10 0.00	31.57 1.11 0.00	27.37 0.97 0.00	23.33 0.83 0.00	24.47 0.87 0.00	22.66 0.81 0.00	21.24 0.74 0.00	24.83 0.81 0.00	25.30 0.81 0.00	24.99 0.76 0.00	24.93 0.75 0.00	35.01 1.02 0.00	35.89 0.98 0.00	37.59 1.16 0.00	34.31 1.15 0.00	34.69 1.16 0.00	43.78 1.54 0.00	44.09 1.65 0.00	40.01 1.57 0.00	39.36 1.60 0.00	39.44 1.57 0.00	37.33 1.43 0.00	34.39 1.12 0.00	34.71 1.20 0.00
RUSSELL____1 23602	30.13 0.62 0.00	30.83 0.38 0.00	26.57 0.17 0.00	22.60 0.09 0.00	23.69 0.09 0.00	21.88 0.02 0.00	20.45 -0.04 0.00	24.18 0.15 0.00	24.76 0.27 0.00	24.62 0.39 0.00	24.50 0.31 0.00	34.94 0.94 0.00	36.34 1.42 0.00	37.92 1.49 0.00	34.47 1.31 0.00	35.02 1.48 0.00	43.99 1.75 0.00	44.53 2.09 0.00	40.20 1.76 0.00	39.49 1.73 0.00	39.58 1.72 0.00	37.39 1.49 0.00	34.38 1.11 0.00	34.35 0.84 0.00
RUSSELL____2 23532	30.13 0.62 0.00	30.83 0.38 0.00	26.57 0.17 0.00	22.60 0.09 0.00	23.69 0.09 0.00	21.88 0.02 0.00	20.45 -0.04 0.00	24.18 0.15 0.00	24.76 0.27 0.00	24.62 0.39 0.00	24.50 0.31 0.00	34.94 0.94 0.00	36.34 1.42 0.00	37.92 1.49 0.00	34.47 1.31 0.00	35.02 1.48 0.00	43.99 1.75 0.00	44.53 2.09 0.00	40.20 1.76 0.00	39.49 1.73 0.00	39.58 1.72 0.00	37.39 1.49 0.00	34.38 1.11 0.00	34.35 0.84 0.00
RUSSELL____3 23549	30.13 0.62 0.00	30.83 0.38 0.00	26.57 0.17 0.00	22.60 0.09 0.00	23.69 0.09 0.00	21.88 0.02 0.00	20.45 -0.04 0.00	24.18 0.15 0.00	24.76 0.27 0.00	24.62 0.39 0.00	24.50 0.31 0.00	34.94 0.94 0.00	36.34 1.42 0.00	37.92 1.49 0.00	34.47 1.31 0.00	35.02 1.48 0.00	43.99 1.75 0.00	44.53 2.09 0.00	40.20 1.76 0.00	39.49 1.73 0.00	39.58 1.72 0.00	37.39 1.49 0.00	34.38 1.11 0.00	34.35 0.84 0.00
RUSSELL____4 23556	30.13 0.62 0.00	30.83 0.38 0.00	26.57 0.17 0.00	22.60 0.09 0.00	23.69 0.09 0.00	21.88 0.02 0.00	20.45 -0.04 0.00	24.18 0.15 0.00	24.76 0.27 0.00	24.62 0.39 0.00	24.50 0.31 0.00	34.94 0.94 0.00	36.34 1.42 0.00	37.92 1.49 0.00	34.47 1.31 0.00	35.02 1.48 0.00	43.99 1.75 0.00	44.53 2.09 0.00	40.20 1.76 0.00	39.49 1.73 0.00	39.58 1.72 0.00	37.39 1.49 0.00	34.38 1.11 0.00	34.35 0.84 0.00
RUSSELL____STATION 23914	30.13 0.62 0.00	30.83 0.38 0.00	26.57 0.17 0.00	22.60 0.09 0.00	23.69 0.09 0.00	21.88 0.02 0.00	20.45 -0.04 0.00	24.18 0.15 0.00	24.76 0.27 0.00	24.62 0.39 0.00	24.50 0.31 0.00	34.94 0.94 0.00	36.34 1.42 0.00	37.92 1.49 0.00	34.47 1.31 0.00	35.02 1.48 0.00	43.99 1.75 0.00	44.53 2.09 0.00	40.20 1.76 0.00	39.49 1.73 0.00	39.58 1.72 0.00	37.39 1.49 0.00	34.38 1.11 0.00	34.35 0.84 0.00
S SALMON____HYD 24043	30.83 -0.23 -1.55	31.70 -0.37 -1.62	25.95 -0.46 -0.01	22.04 -0.46 0.00	23.16 -0.44 0.00	21.41 -0.44 0.00	20.07 -0.43 0.00	23.56 -0.46 0.00	13.39 -0.44 10.66	20.10 -0.39 3.75	23.94 -0.42 -0.17	36.14 -0.46 -2.60	17.61 -0.45 16.85	28.46 -0.46 7.51	23.32 -0.54 9.32	35.47 -0.58 -2.52	46.16 -0.63 -4.55	45.47 -0.41 -3.44	41.83 -0.25 -3.64	41.23 -0.05 -3.52	41.40 -0.03 -3.56	38.98 0.00 -3.08	35.52 -0.15 -2.40	35.63 -0.33 -2.45
S.PERRY__115KV_TB1 80734	31.00 1.49 0.00	31.72 1.27 0.00	27.26 0.86 0.00	23.15 0.65 0.00	24.29 0.69 0.00	22.42 0.56 0.00	21.02 0.52 0.00	24.78 0.76 0.00	25.15 0.66 0.00	24.89 0.66 0.00	24.58 0.39 0.00	34.24 0.24 0.00	35.76 0.84 0.00	37.25 0.81 0.00	33.85 0.68 0.00	34.39 0.85 0.00	43.11 0.87 0.00	43.60 1.17 0.00	39.42 0.98 0.00	39.17 1.41 0.00	39.67 1.80 0.00	37.67 1.77 0.00	34.60 1.33 0.00	35.10 1.59 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.67 0.16 0.00	30.31 -0.14 0.00	26.08 -0.32 0.00	22.19 -0.31 0.00	23.28 -0.32 0.00	21.47 -0.39 0.00	20.03 -0.46 0.00	23.81 -0.21 0.00	24.43 -0.06 0.00	24.24 0.01 0.00	24.01 -0.18 0.00	34.43 0.43 0.00	35.96 1.05 0.00	37.41 0.97 0.00	33.92 0.75 0.00	34.45 0.92 0.00	43.10 0.86 0.00	43.67 1.23 0.00	39.25 0.81 0.00	38.56 0.80 0.00	38.82 0.96 0.00	36.78 0.88 0.00	33.90 0.64 0.00	33.90 0.39 0.00
SAWYER____23_KV_LOAD 55526	29.67 0.16 0.00	30.31 -0.14 0.00	26.08 -0.32 0.00	22.19 -0.31 0.00	23.28 -0.32 0.00	21.47 -0.39 0.00	20.03 -0.46 0.00	23.81 -0.21 0.00	24.43 -0.06 0.00	24.24 0.01 0.00	24.01 -0.18 0.00	34.43 0.43 0.00	35.96 1.05 0.00	37.41 0.97 0.00	33.92 0.75 0.00	34.45 0.92 0.00	43.10 0.86 0.00	43.67 1.23 0.00	39.25 0.81 0.00	38.56 0.80 0.00	38.82 0.96 0.00	36.78 0.88 0.00	33.90 0.64 0.00	33.90 0.39 0.00

SELKIRK___I 23801	30.35 0.84 0.00	31.33 0.88 0.00	27.21 0.81 0.00	23.23 0.73 0.00	24.38 0.78 0.00	22.59 0.73 0.00	21.15 0.65 0.00	24.70 0.67 0.00	25.07 0.58 0.00	24.75 0.52 0.00	24.66 0.48 0.00	34.48 0.48 0.00	35.32 0.41 0.00	37.10 0.66 0.00	33.71 0.54 0.00	34.15 0.61 0.00	43.08 0.84 0.00	43.36 0.93 0.00	39.28 0.84 0.00	38.69 0.93 0.00	38.87 1.01 0.00	36.84 0.94 0.00	33.90 0.63 0.00	34.20 0.69 0.00
SELKIRK___II 23799	30.22 0.71 0.00	31.19 0.73 0.00	27.07 0.67 0.00	23.11 0.61 0.00	24.25 0.65 0.00	22.47 0.61 0.00	21.05 0.55 0.00	24.64 0.61 0.00	25.09 0.60 0.00	24.81 0.58 0.00	24.74 0.54 0.00	34.47 0.48 0.00	35.20 0.28 0.00	36.90 0.47 0.00	33.66 0.49 0.00	34.05 0.51 0.00	42.92 0.68 0.00	43.15 0.72 0.00	39.03 0.59 0.00	38.37 0.61 0.00	38.49 0.63 0.00	36.49 0.59 0.00	33.58 0.31 0.00	33.90 0.38 0.00
SENECA OSWGO___HYD 24041	31.38 -0.32 -2.19	32.33 -0.41 -2.29	25.99 -0.43 -0.01	22.13 -0.38 0.00	23.21 -0.38 0.00	21.49 -0.37 0.00	20.17 -0.33 0.00	23.61 -0.41 0.00	20.75 -0.37 3.37	22.78 -0.33 1.11	24.18 -0.33 -0.33	37.35 -0.34 -3.68	32.38 -0.28 2.25	37.34 -0.26 -1.16	32.60 -0.26 0.31	36.91 -0.20 -3.57	48.53 -0.20 -6.49	48.37 -0.15 -6.09	43.53 -0.11 -5.20	42.65 -0.06 -4.95	42.81 -0.05 -5.00	40.17 -0.06 -4.33	36.43 -0.21 -3.38	36.64 -0.32 -3.44
SENECA___115KV_TB3 355854	30.03 0.52 0.00	30.67 0.22 0.00	26.36 -0.04 0.00	22.39 -0.11 0.00	23.49 -0.11 0.00	21.67 -0.19 0.00	20.24 -0.26 0.00	24.06 0.04 0.00	24.70 0.20 0.00	24.54 0.31 0.00	24.33 0.14 0.00	34.92 0.92 0.00	36.45 1.53 0.00	37.93 1.50 0.00	34.44 1.27 0.00	35.00 1.47 0.00	43.79 1.55 0.00	44.33 1.90 0.00	39.87 1.42 0.00	39.12 1.36 0.00	39.37 1.50 0.00	37.28 1.39 0.00	34.33 1.06 0.00	34.29 0.78 0.00
SENECA___ENERGY 23797	30.34 0.05 -0.79	31.20 -0.07 -0.82	26.18 -0.22 0.00	22.31 -0.20 0.00	23.40 -0.20 0.00	21.64 -0.21 0.00	20.27 -0.23 0.00	23.86 -0.16 0.00	22.59 -0.10 1.80	23.60 -0.03 0.60	24.24 -0.07 -0.12	35.58 0.18 -1.40	33.48 0.46 1.90	36.71 0.50 0.23	32.89 0.53 0.81	35.41 0.59 -1.28	45.53 0.75 -2.54	45.73 0.93 -2.37	41.43 0.93 -2.07	40.64 0.91 -1.97	40.77 0.92 -1.99	38.36 0.74 -1.72	35.02 0.41 -1.34	35.14 0.26 -1.37
SHOEMAKER___GT 23640	30.89 1.38 0.00	31.88 1.42 0.00	27.64 1.23 0.00	23.52 1.02 0.00	24.64 1.05 0.00	22.82 0.97 0.00	21.41 0.91 0.00	25.09 1.07 0.00	25.69 1.20 0.00	25.41 1.18 0.00	25.47 1.28 0.00	35.73 1.73 0.00	36.71 1.79 0.00	38.38 1.94 0.00	35.12 1.95 0.00	35.59 2.06 0.00	44.78 2.54 0.00	45.02 2.58 0.00	40.69 2.25 0.00	39.85 2.09 0.00	39.89 2.03 0.00	37.85 1.95 0.00	34.86 1.60 0.00	35.17 1.66 0.00
SHOEMAKR_138KV_BK 111 55601	30.88 1.37 0.00	31.86 1.41 0.00	27.63 1.22 0.00	23.52 1.02 0.00	24.63 1.04 0.00	22.82 0.96 0.00	21.41 0.91 0.00	25.09 1.07 0.00	25.70 1.21 0.00	25.42 1.19 0.00	25.49 1.30 0.00	35.74 1.75 0.00	36.73 1.81 0.00	38.41 1.97 0.00	35.15 1.98 0.00	35.62 2.09 0.00	44.80 2.56 0.00	45.02 2.59 0.00	40.68 2.24 0.00	39.82 2.06 0.00	39.87 2.00 0.00	37.83 1.93 0.00	34.84 1.58 0.00	35.16 1.65 0.00
SHOREHAM_IC_1 23715	31.51 2.00 0.00	33.03 2.57 0.00	29.81 2.26 -1.15	27.19 1.94 -2.75	26.69 2.00 -1.10	24.07 1.83 -0.39	22.11 1.61 0.00	25.78 1.76 0.00	26.59 2.10 0.00	26.11 1.88 0.00	26.17 1.98 0.00	36.52 2.53 0.00	37.98 3.06 0.00	39.65 3.21 0.00	36.19 3.02 0.00	36.97 3.43 0.00	53.24 4.08 -6.92	60.19 3.91 -13.84	41.47 3.03 0.00	39.50 2.48 0.75	39.33 2.30 0.84	38.20 2.30 0.00	35.39 2.13 0.00	36.13 2.62 0.00
SHOREHAM_IC_2 23716	31.51 2.00 0.00	33.03 2.57 0.00	29.81 2.26 -1.15	27.19 1.94 -2.75	26.69 2.00 -1.10	24.07 1.83 -0.39	22.11 1.61 0.00	25.78 1.76 0.00	26.59 2.10 0.00	26.11 1.88 0.00	26.17 1.98 0.00	36.52 2.53 0.00	37.98 3.06 0.00	39.65 3.21 0.00	36.19 3.02 0.00	36.97 3.43 0.00	53.24 4.08 -6.92	60.19 3.91 -13.84	41.47 3.03 0.00	39.50 2.48 0.75	39.33 2.30 0.84	38.20 2.30 0.00	35.39 2.13 0.00	36.13 2.62 0.00
SISSONVILLE____ 23735	28.20 -1.51 -0.20	29.18 -1.49 -0.21	25.39 -1.01 0.00	21.57 -0.94 0.00	22.62 -0.98 0.00	20.96 -0.90 0.00	19.64 -0.86 0.00	23.08 -0.95 0.00	-76.61 -1.34 99.76	-12.78 -1.33 35.68	22.07 -1.40 0.72	32.27 -2.07 -0.34	-150.78 -2.15 183.54	-66.07 -2.43 100.08	-78.63 -2.46 109.34	31.27 -2.53 -0.27	38.92 -3.16 0.15	29.28 -3.07 10.09	35.61 -2.57 0.26	35.95 -2.27 -0.46	36.20 -2.13 -0.46	34.24 -2.06 -0.40	31.92 -1.63 -0.28	32.10 -1.73 -0.31
SITHE_IND_GS1 24169	22.70 -0.77 6.04	23.29 -0.85 6.31	25.57 -0.79 0.04	21.85 -0.65 0.00	22.93 -0.67 0.00	21.23 -0.63 0.00	19.92 -0.58 0.00	23.32 -0.70 0.00	23.61 -0.71 0.18	23.23 -0.66 0.33	22.54 -0.67 0.98	23.01 -0.82 10.16	22.97 -0.76 11.19	22.97 -0.78 12.69	22.97 -0.70 9.50	23.01 -0.67 9.85	22.63 -0.85 18.76	23.01 -0.80 18.62	22.56 -0.73 15.16	22.71 -0.70 14.35	22.65 -0.72 14.49	22.64 -0.70 12.55	22.70 -0.76 9.80	22.68 -0.84 9.99
SITHE_IND_GS2 24170	22.70 -0.77 6.04	23.29 -0.85 6.31	25.57 -0.79 0.04	21.85 -0.65 0.00	22.93 -0.67 0.00	21.23 -0.63 0.00	19.92 -0.58 0.00	23.32 -0.70 0.00	23.61 -0.71 0.18	23.23 -0.66 0.33	22.54 -0.67 0.98	23.01 -0.82 10.16	22.97 -0.76 11.19	22.97 -0.78 12.69	22.97 -0.70 9.50	23.01 -0.67 9.85	22.63 -0.85 18.76	23.01 -0.80 18.62	22.56 -0.73 15.16	22.71 -0.70 14.35	22.65 -0.72 14.49	22.64 -0.70 12.55	22.70 -0.76 9.80	22.68 -0.84 9.99
SITHE_IND_GS3 24171	22.70 -0.77 6.04	23.29 -0.85 6.31	25.57 -0.79 0.04	21.85 -0.65 0.00	22.93 -0.67 0.00	21.23 -0.63 0.00	19.92 -0.58 0.00	23.32 -0.70 0.00	23.61 -0.71 0.18	23.23 -0.66 0.33	22.54 -0.67 0.98	23.01 -0.82 10.16	22.97 -0.76 11.19	22.97 -0.78 12.69	22.97 -0.70 9.50	23.01 -0.67 9.85	22.63 -0.85 18.76	23.01 -0.80 18.62	22.56 -0.73 15.16	22.71 -0.70 14.35	22.65 -0.72 14.49	22.64 -0.70 12.55	22.70 -0.76 9.80	22.68 -0.84 9.99
SITHE_IND_GS4 24172	22.70 -0.77 6.04	23.29 -0.85 6.31	25.57 -0.79 0.04	21.85 -0.65 0.00	22.93 -0.67 0.00	21.23 -0.63 0.00	19.92 -0.58 0.00	23.32 -0.70 0.00	23.61 -0.71 0.18	23.23 -0.66 0.33	22.54 -0.67 0.98	23.01 -0.82 10.16	22.97 -0.76 11.19	22.97 -0.78 12.69	22.97 -0.70 9.50	23.01 -0.67 9.85	22.63 -0.85 18.76	23.01 -0.80 18.62	22.56 -0.73 15.16	22.71 -0.70 14.35	22.65 -0.72 14.49	22.64 -0.70 12.55	22.70 -0.76 9.80	22.68 -0.84 9.99
SITHE___BATAVIA 24024	30.64 1.13 0.00	31.26 0.80 0.00	26.90 0.50 0.00	22.84 0.34 0.00	23.95 0.35 0.00	22.09 0.24 0.00	20.62 0.12 0.00	24.47 0.45 0.00	25.08 0.60 0.00	24.79 0.57 0.00	24.55 0.36 0.00	35.14 1.14 0.00	36.73 1.81 0.00	38.26 1.82 0.00	34.74 1.57 0.00	35.27 1.74 0.00	44.22 1.98 0.00	44.89 2.46 0.00	40.59 2.15 0.00	40.02 2.26 0.00	40.28 2.42 0.00	38.06 2.16 0.00	34.95 1.69 0.00	34.85 1.34 0.00

SITHE___INDEPEND 23800	22.70 -0.77 6.04	23.29 -0.85 6.31	25.57 -0.78 0.04	21.85 -0.65 0.00	22.93 -0.67 0.00	21.23 -0.63 0.00	19.92 -0.58 0.00	23.32 -0.70 0.00	23.60 -0.71 0.18	23.23 -0.67 0.33	22.54 -0.67 0.98	23.01 -0.82 10.16	22.97 -0.76 11.19	22.97 -0.78 12.69	22.97 -0.70 9.50	23.01 -0.67 9.85	22.63 -0.85 18.76	23.01 -0.80 18.62	22.56 -0.73 15.16	22.71 -0.70 14.35	22.65 -0.72 14.49	22.64 -0.70 12.55	22.70 -0.76 9.80	22.68 -0.84 9.99
SITHE___MASSENA 23902	28.70 -0.81 0.00	29.70 -0.75 0.00	26.03 -0.38 0.00	22.16 -0.34 0.00	23.22 -0.37 0.00	21.52 -0.33 0.00	20.17 -0.33 0.00	23.69 -0.33 0.00	-120.71 -0.64 144.56	-28.15 -0.65 51.72	22.37 -0.72 1.09	32.92 -1.08 0.00	-232.68 -1.09 266.51	-110.51 -1.31 145.63	-127.13 -1.40 158.90	31.98 -1.46 0.10	39.28 -1.84 1.12	25.27 -1.86 15.31	35.75 -1.60 1.09	36.30 -1.46 0.00	36.48 -1.38 0.00	34.58 -1.32 0.00	32.37 -0.84 0.05	32.63 -0.87 0.01
SITHE___OGDNSBRG 24021	28.84 -0.67 0.00	29.82 -0.64 0.00	26.14 -0.26 0.00	22.24 -0.26 0.00	23.32 -0.28 0.00	21.60 -0.26 0.00	20.23 -0.26 0.00	23.74 -0.28 0.00	-93.46 -0.79 117.16	-18.52 -0.83 41.92	22.35 -0.95 0.89	32.50 -1.49 0.00	-182.62 -1.54 216.00	-83.36 -1.76 118.04	-97.47 -1.85 128.79	31.57 -1.89 0.07	38.95 -2.39 0.90	27.68 -2.27 12.48	35.76 -1.80 0.88	36.41 -1.36 0.00	36.81 -1.05 0.00	34.90 -1.00 0.00	32.68 -0.54 0.04	32.86 -0.65 0.01
SITHE___STERLING 23777	30.83 0.99 -0.32	31.71 0.92 -0.34	27.09 0.69 0.00	23.06 0.56 0.00	24.20 0.61 0.00	22.42 0.56 0.00	21.02 0.52 0.00	24.63 0.60 0.00	19.38 0.62 5.73	22.86 0.66 2.04	24.88 0.68 -0.01	35.67 1.14 -0.53	26.13 1.19 9.97	32.64 1.29 5.09	28.53 1.14 5.78	35.30 1.24 -0.52	44.89 1.65 -1.01	44.63 1.72 -0.48	40.91 1.66 -0.81	40.33 1.75 -0.81	40.48 1.80 -0.82	38.24 1.63 -0.71	35.07 1.25 -0.55	35.18 1.11 -0.56
SLEIGHT___34_KV_TB1 80719	29.96 0.24 -0.20	30.73 0.06 -0.21	26.29 -0.11 0.00	22.40 -0.10 0.00	23.49 -0.11 0.00	21.71 -0.15 0.00	20.32 -0.18 0.00	23.96 -0.07 0.00	24.50 0.01 -0.01	24.36 0.12 -0.01	24.31 0.08 -0.04	34.89 0.50 -0.39	36.16 0.84 -0.40	37.74 0.86 -0.43	34.29 0.79 -0.32	34.80 0.93 -0.34	44.07 1.12 -0.71	44.54 1.39 -0.71	40.25 1.23 -0.58	39.49 1.18 -0.55	39.60 1.18 -0.55	37.33 0.95 -0.48	34.24 0.60 -0.37	34.29 0.40 -0.38
SOUTH CAIRO___GT 23612	31.66 2.15 0.00	32.58 2.13 0.00	28.23 1.83 0.00	24.08 1.58 0.00	25.26 1.66 0.00	23.40 1.54 0.00	21.90 1.41 0.00	25.65 1.63 0.00	26.00 1.51 0.00	25.61 1.38 0.00	25.46 1.27 0.00	35.69 1.70 0.00	36.39 1.47 0.00	38.36 1.92 0.00	35.07 1.90 0.00	35.65 2.11 0.00	45.04 2.80 0.00	45.37 2.94 0.00	41.33 2.89 0.00	40.84 3.08 0.00	41.09 3.22 0.00	38.84 2.94 0.00	35.49 2.23 0.00	35.61 2.09 0.00
SOUTH HAMPTN___IC 23720	31.94 2.43 0.00	33.46 3.01 0.00	30.15 2.60 -1.15	27.42 2.17 -2.75	26.93 2.23 -1.10	24.29 2.05 -0.39	22.31 1.82 0.00	26.12 2.09 0.00	27.01 2.53 0.00	26.56 2.33 0.00	26.62 2.44 0.00	37.27 3.27 0.00	38.93 4.01 0.00	40.62 4.19 0.00	36.93 3.76 0.00	37.91 4.37 0.00	53.82 5.29 -6.28	59.97 4.98 -12.56	42.17 3.73 0.00	40.12 3.11 0.75	39.96 2.94 0.84	38.82 2.92 0.00	36.13 2.87 0.00	36.91 3.40 0.00
SOUTHDOW___115KV_TB1 355954	31.12 1.61 0.00	31.78 1.33 0.00	27.19 0.79 0.00	23.05 0.54 0.00	24.18 0.59 0.00	22.31 0.46 0.00	20.90 0.40 0.00	24.90 0.88 0.00	25.65 1.16 0.00	25.45 1.22 0.00	25.24 1.05 0.00	36.36 2.36 0.00	37.86 2.95 0.00	39.43 2.99 0.00	35.35 2.18 0.00	35.92 2.39 0.00	45.01 2.77 0.00	45.36 2.93 0.00	40.75 2.31 0.00	39.86 2.10 0.00	40.62 2.75 0.00	38.59 2.69 0.00	35.40 2.14 0.00	35.34 1.83 0.00
SOUTHOLD_69_KV_BK 2 55809	32.22 2.70 0.00	33.79 3.34 0.00	30.36 2.80 -1.15	27.50 2.26 -2.74	27.00 2.30 -1.10	24.35 2.12 -0.39	22.39 1.89 0.00	26.35 2.33 0.00	27.39 2.90 0.00	26.89 2.67 0.00	26.96 2.78 0.00	37.93 3.93 0.00	39.91 4.99 0.00	41.67 5.23 0.00	37.62 4.45 0.00	38.94 5.40 0.00	55.20 6.66 -6.30	61.13 6.11 -12.58	42.68 4.23 0.00	40.52 3.51 0.75	40.42 3.39 0.84	39.29 3.39 0.00	36.89 3.62 0.00	37.79 4.28 0.00
SOUTHOLD___IC 23719	32.22 2.70 0.00	33.79 3.34 0.00	30.35 2.80 -1.15	27.50 2.26 -2.75	27.00 2.30 -1.10	24.36 2.12 -0.39	22.39 1.89 0.00	26.34 2.32 0.00	27.38 2.89 0.00	26.89 2.66 0.00	26.96 2.78 0.00	37.93 3.93 0.00	39.91 4.99 0.00	41.67 5.23 0.00	37.61 4.44 0.00	38.93 5.40 0.00	55.19 6.66 -6.30	61.13 6.11 -12.58	42.68 4.23 0.00	40.52 3.51 0.75	40.42 3.39 0.84	39.29 3.39 0.00	36.89 3.62 0.00	37.79 4.27 0.00
SOUTH_FORK_WT_PWR 323839	31.93 2.42 0.00	33.57 3.11 0.00	30.11 2.56 -1.15	27.23 1.98 -2.75	26.72 2.02 -1.10	24.09 1.85 -0.39	22.14 1.65 0.00	26.14 2.12 0.00	27.24 2.75 0.00	26.73 2.51 0.00	26.80 2.61 0.00	37.78 3.79 0.00	39.98 5.06 0.00	41.77 5.33 0.00	37.47 4.30 0.00	39.00 5.46 0.00	55.27 6.74 -6.29	61.01 6.01 -12.57	42.24 3.80 0.00	40.04 3.03 0.75	40.02 2.99 0.84	38.97 3.07 0.00	36.84 3.57 0.00	37.85 4.34 0.00
SPIERFLS_115KV_TB 1 80737	31.21 1.70 0.00	32.16 1.71 0.00	27.85 1.45 0.00	23.71 1.21 0.00	24.85 1.26 0.00	23.02 1.16 0.00	21.59 1.10 0.00	25.26 1.23 0.00	25.74 1.25 0.00	25.35 1.12 0.00	25.04 0.85 0.00	35.16 1.16 0.00	35.96 1.04 0.00	37.89 1.45 0.00	34.82 1.64 0.00	35.15 1.62 0.00	44.55 2.31 0.00	45.10 2.67 0.00	41.18 2.74 0.00	40.51 2.75 0.00	40.13 2.26 0.00	37.70 1.81 0.00	34.61 1.34 0.00	35.29 1.78 0.00
ST LAWRENCE____ 23600	28.77 -0.74 0.00	29.74 -0.71 0.00	25.88 -0.52 0.00	22.05 -0.46 0.00	23.10 -0.50 0.00	21.41 -0.45 0.00	20.07 -0.43 0.00	23.57 -0.45 0.00	35.60 -0.56 -11.67	27.81 -0.58 -4.16	23.64 -0.63 -0.08	33.04 -0.96 0.00	55.49 -0.95 -21.52	47.05 -1.14 -11.77	44.78 -1.22 -12.84	32.26 -1.29 -0.01	40.69 -1.64 -0.08	40.96 -1.66 -0.19	37.08 -1.44 -0.08	36.41 -1.35 0.00	36.56 -1.31 0.00	34.66 -1.24 0.00	32.48 -0.79 0.00	32.70 -0.81 0.00
STATE_CA_115KV_115_LB 55624	30.38 0.86 0.00	31.35 0.89 0.00	27.21 0.81 0.00	23.23 0.73 0.00	24.37 0.77 0.00	22.58 0.72 0.00	21.15 0.66 0.00	24.78 0.76 0.00	25.24 0.75 0.00	24.96 0.73 0.00	24.93 0.74 0.00	34.85 0.85 0.00	35.68 0.76 0.00	37.44 1.00 0.00	34.16 0.99 0.00	34.52 0.99 0.00	43.59 1.35 0.00	43.84 1.41 0.00	39.65 1.21 0.00	38.95 1.19 0.00	39.06 1.19 0.00	37.00 1.11 0.00	33.99 0.72 0.00	34.29 0.78 0.00
STATE_ST_34_KV_LOAD 55959	30.89 0.46 -0.91	31.82 0.41 -0.95	26.57 0.16 -0.01	22.68 0.18 0.00	23.82 0.22 0.00	22.03 0.17 0.00	20.60 0.10 0.00	24.23 0.21 0.00	22.78 0.15 1.86	23.88 0.27 0.62	24.57 0.24 -0.14	36.18 0.56 -1.62	33.87 0.74 1.79	37.11 0.71 0.03	33.28 0.80 0.69	35.89 0.87 -1.49	46.20 1.01 -2.95	46.46 1.26 -2.77	42.05 1.21 -2.40	41.22 1.18 -2.28	41.42 1.25 -2.31	38.88 0.98 -2.00	35.49 0.66 -1.56	35.76 0.66 -1.59

STATION 5_MISC_HYD 23604	29.94 0.43 0.00	30.65 0.20 0.00	26.43 0.03 0.00	22.48 -0.02 0.00	23.58 -0.02 0.00	21.77 -0.09 0.00	20.36 -0.14 0.00	24.07 0.05 0.00	24.68 0.19 0.00	24.47 0.24 0.00	24.34 0.15 0.00	34.69 0.69 0.00	36.07 1.15 0.00	37.63 1.19 0.00	34.20 1.03 0.00	34.72 1.19 0.00	43.62 1.38 0.00	44.13 1.70 0.00	39.84 1.40 0.00	39.14 1.37 0.00	39.26 1.40 0.00	37.09 1.20 0.00	34.14 0.87 0.00	34.14 0.63 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.28 0.55 -0.22	31.04 0.36 -0.23	26.56 0.15 0.00	22.60 0.09 0.00	23.70 0.10 0.00	21.90 0.04 0.00	20.51 0.01 0.00	24.19 0.16 0.00	24.77 0.27 -0.01	24.62 0.37 -0.01	24.55 0.32 -0.04	35.25 0.84 -0.41	36.59 1.24 -0.43	38.21 1.31 -0.47	34.71 1.20 -0.35	35.22 1.33 -0.36	44.65 1.65 -0.75	45.12 1.93 -0.76	40.77 1.72 -0.62	40.04 1.69 -0.58	40.10 1.64 -0.59	37.83 1.42 -0.51	34.70 1.03 -0.40	34.70 0.78 -0.41
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.77 0.26 0.00	30.47 0.02 0.00	26.28 -0.12 0.00	22.36 -0.15 0.00	23.44 -0.15 0.00	21.66 -0.20 0.00	20.25 -0.25 0.00	23.92 -0.10 0.00	24.51 0.01 0.00	24.34 0.11 0.00	24.23 0.04 0.00	34.51 0.52 0.00	35.86 0.95 0.00	37.43 0.99 0.00	34.04 0.87 0.00	34.55 1.01 0.00	43.41 1.17 0.00	43.92 1.48 0.00	39.65 1.21 0.00	38.95 1.19 0.00	39.05 1.18 0.00	36.88 0.98 0.00	33.94 0.67 0.00	33.93 0.42 0.00
STA_56____34_KV_BUS2 355983	29.77 0.26 0.00	30.47 0.02 0.00	26.28 -0.12 0.00	22.36 -0.15 0.00	23.44 -0.15 0.00	21.66 -0.20 0.00	20.25 -0.25 0.00	23.92 -0.10 0.00	24.51 0.01 0.00	24.34 0.11 0.00	24.23 0.04 0.00	34.51 0.52 0.00	35.86 0.95 0.00	37.43 0.99 0.00	34.04 0.87 0.00	34.55 1.01 0.00	43.41 1.17 0.00	43.92 1.48 0.00	39.65 1.21 0.00	38.95 1.19 0.00	39.05 1.18 0.00	36.88 0.98 0.00	33.94 0.67 0.00	33.93 0.42 0.00
STA_67____115KV_BK2 355882	29.86 0.35 0.00	30.57 0.12 0.00	26.36 -0.04 0.00	22.42 -0.08 0.00	23.52 -0.08 0.00	21.73 -0.13 0.00	20.32 -0.18 0.00	24.00 -0.03 0.00	24.57 0.08 0.00	24.40 0.17 0.00	24.27 0.09 0.00	34.58 0.59 0.00	35.96 1.04 0.00	37.50 1.07 0.00	34.09 0.92 0.00	34.60 1.07 0.00	43.46 1.22 0.00	43.97 1.53 0.00	39.68 1.24 0.00	38.99 1.23 0.00	39.12 1.25 0.00	36.97 1.08 0.00	34.03 0.77 0.00	34.04 0.52 0.00
STA_7____115KV_9TRANS 80674	30.13 0.62 0.00	30.83 0.38 0.00	26.57 0.17 0.00	22.60 0.09 0.00	23.69 0.09 0.00	21.88 0.02 0.00	20.45 -0.04 0.00	24.18 0.15 0.00	24.76 0.27 0.00	24.62 0.39 0.00	24.50 0.31 0.00	34.94 0.94 0.00	36.34 1.42 0.00	37.92 1.49 0.00	34.47 1.31 0.00	35.02 1.48 0.00	43.99 1.75 0.00	44.53 2.09 0.00	40.20 1.76 0.00	39.49 1.73 0.00	39.58 1.72 0.00	37.39 1.49 0.00	34.38 1.11 0.00	34.35 0.84 0.00
STA_82____115KV_TB1 80780	29.88 0.37 0.00	30.58 0.13 0.00	26.38 -0.02 0.00	22.44 -0.06 0.00	23.53 -0.06 0.00	21.73 -0.13 0.00	20.32 -0.18 0.00	24.01 -0.01 0.00	24.59 0.10 0.00	24.41 0.18 0.00	24.28 0.10 0.00	34.59 0.59 0.00	35.96 1.04 0.00	37.51 1.07 0.00	34.09 0.93 0.00	34.61 1.08 0.00	43.48 1.23 0.00	43.99 1.55 0.00	39.70 1.26 0.00	39.01 1.25 0.00	39.13 1.27 0.00	36.99 1.09 0.00	34.05 0.78 0.00	34.06 0.55 0.00
STEEL____WIND 323596	30.00 0.48 0.00	30.64 0.18 0.00	26.33 -0.07 0.00	22.36 -0.13 0.00	23.47 -0.13 0.00	21.64 -0.21 0.00	20.22 -0.28 0.00	24.06 0.04 0.00	24.73 0.25 0.00	24.51 0.28 0.00	24.29 0.10 0.00	34.86 0.86 0.00	36.39 1.47 0.00	37.87 1.43 0.00	34.38 1.21 0.00	34.95 1.42 0.00	43.72 1.48 0.00	44.26 1.83 0.00	39.81 1.37 0.00	39.09 1.32 0.00	39.30 1.44 0.00	37.24 1.34 0.00	34.30 1.03 0.00	34.26 0.75 0.00
STEPHTWN_115KV_BK_2 55603	30.54 1.03 0.00	31.46 1.00 0.00	27.28 0.88 0.00	23.30 0.79 0.00	24.46 0.86 0.00	22.64 0.78 0.00	21.21 0.71 0.00	24.82 0.79 0.00	25.34 0.85 0.00	25.07 0.84 0.00	25.02 0.83 0.00	35.12 1.12 0.00	35.79 0.87 0.00	37.60 1.16 0.00	34.28 1.10 0.00	34.73 1.19 0.00	43.97 1.73 0.00	44.14 1.70 0.00	39.90 1.46 0.00	39.14 1.38 0.00	39.24 1.38 0.00	37.13 1.23 0.00	34.13 0.87 0.00	34.44 0.93 0.00
STEUBEN_REC_LFGE 323667	30.51 0.71 -0.30	31.41 0.65 -0.31	26.64 0.24 0.00	22.64 0.14 0.00	23.77 0.17 0.00	21.94 0.08 0.00	20.68 0.18 0.00	24.52 0.50 0.00	25.19 0.69 -0.01	25.02 0.77 -0.02	24.82 0.59 -0.05	35.87 1.35 -0.52	37.32 1.85 -0.56	38.84 1.79 -0.62	35.25 1.62 -0.46	35.78 1.76 -0.48	45.16 1.97 -0.95	45.64 2.26 -0.95	41.23 2.01 -0.77	40.61 2.12 -0.73	40.86 2.26 -0.74	38.70 2.16 -0.64	35.47 1.70 -0.50	35.48 1.46 -0.51
STILLWATER____SOLAR 323814	31.21 1.70 0.00	32.19 1.74 0.00	27.90 1.50 0.00	23.79 1.29 0.00	24.94 1.35 0.00	23.10 1.24 0.00	21.65 1.16 0.00	25.33 1.30 0.00	25.77 1.28 0.00	25.41 1.19 0.00	25.28 1.09 0.00	35.43 1.44 0.00	36.28 1.36 0.00	38.10 1.67 0.00	34.86 1.69 0.00	35.21 1.67 0.00	44.57 2.33 0.00	45.00 2.56 0.00	40.87 2.43 0.00	40.28 2.51 0.00	40.23 2.36 0.00	37.96 2.07 0.00	34.86 1.59 0.00	35.32 1.81 0.00
STONY____BROOK 24151	31.61 2.10 0.00	33.19 2.74 0.00	29.98 2.43 -1.15	27.36 2.11 -2.75	26.86 2.17 -1.10	24.23 1.99 -0.39	22.26 1.76 0.00	25.94 1.92 0.00	26.70 2.21 0.00	26.22 1.99 0.00	26.22 2.03 0.00	36.44 2.44 0.00	37.80 2.89 0.00	39.48 3.04 0.00	36.12 2.95 0.00	36.77 3.23 0.00	56.04 3.81 -9.99	66.12 3.71 -19.97	41.38 2.94 0.00	39.40 2.39 0.75	39.21 2.17 0.84	38.10 2.20 0.00	35.32 2.06 0.00	36.13 2.62 0.00
STURGEON_POOL_HYD 23609	31.19 1.68 0.00	32.20 1.75 0.00	27.90 1.50 0.00	23.74 1.24 0.00	24.86 1.26 0.00	23.02 1.17 0.00	21.61 1.12 0.00	25.34 1.31 0.00	26.04 1.55 0.00	25.80 1.57 0.00	25.94 1.75 0.00	36.42 2.42 0.00	37.37 2.45 0.00	39.02 2.59 0.00	35.82 2.65 0.00	36.30 2.76 0.00	45.60 3.36 0.00	45.78 3.35 0.00	41.28 2.85 0.00	40.30 2.53 0.00	40.28 2.41 0.00	38.24 2.34 0.00	35.24 1.97 0.00	35.58 2.07 0.00
ST_LAW_115_BK7_LBMP 345037	28.69 -0.83 0.00	29.67 -0.78 0.00	25.83 -0.57 0.00	22.00 -0.50 0.00	23.06 -0.54 0.00	21.37 -0.49 0.00	20.03 -0.47 0.00	23.53 -0.49 0.00	37.96 -0.63 -14.11	28.62 -0.65 -5.05	23.58 -0.71 -0.11	32.94 -1.06 0.00	59.86 -1.07 -26.01	49.37 -1.28 -14.21	47.32 -1.36 -15.51	32.12 -1.42 -0.01	40.56 -1.79 -0.11	41.05 -1.82 -0.44	36.95 -1.60 -0.10	36.28 -1.49 0.00	36.44 -1.43 0.00	34.54 -1.36 0.00	32.40 -0.87 0.00	32.62 -0.89 0.00
ST_LAW_115_BK8_LBMP 345038	28.69 -0.83 0.00	29.67 -0.78 0.00	25.83 -0.57 0.00	22.00 -0.50 0.00	23.06 -0.54 0.00	21.37 -0.49 0.00	20.03 -0.47 0.00	23.53 -0.49 0.00	37.96 -0.63 -14.11	28.62 -0.65 -5.05	23.58 -0.71 -0.11	32.94 -1.06 0.00	59.86 -1.07 -26.01	49.37 -1.28 -14.21	47.32 -1.36 -15.51	32.12 -1.42 -0.01	40.56 -1.79 -0.11	41.05 -1.82 -0.44	36.95 -1.60 -0.10	36.28 -1.49 0.00	36.44 -1.43 0.00	34.54 -1.36 0.00	32.40 -0.87 0.00	32.62 -0.89 0.00

TRINITY__115KV__4 BK 55933	30.21 0.70 0.00	31.18 0.73 0.00	27.08 0.68 0.00	23.13 0.63 0.00	24.27 0.67 0.00	22.49 0.63 0.00	21.07 0.57 0.00	24.67 0.64 0.00	25.11 0.63 0.00	24.83 0.60 0.00	24.78 0.59 0.00	34.62 0.62 0.00	35.41 0.49 0.00	37.15 0.71 0.00	33.89 0.72 0.00	34.25 0.72 0.00	43.23 0.99 0.00	43.48 1.05 0.00	39.31 0.86 0.00	38.64 0.88 0.00	38.77 0.90 0.00	36.73 0.84 0.00	33.76 0.49 0.00	34.09 0.58 0.00
UNION__PROCESSING_DRP 323587	29.88 0.37 0.00	30.60 0.14 0.00	26.38 -0.02 0.00	22.44 -0.06 0.00	23.54 -0.06 0.00	21.74 -0.12 0.00	20.33 -0.17 0.00	24.01 -0.01 0.00	24.59 0.10 0.00	24.42 0.19 0.00	24.29 0.10 0.00	34.61 0.61 0.00	35.97 1.05 0.00	37.54 1.10 0.00	34.11 0.94 0.00	34.63 1.09 0.00	43.49 1.25 0.00	44.00 1.57 0.00	39.72 1.28 0.00	39.03 1.26 0.00	39.16 1.29 0.00	37.01 1.11 0.00	34.06 0.79 0.00	34.07 0.55 0.00
UPPER HUDSON__HYD 24058	31.21 1.70 0.00	32.16 1.71 0.00	27.84 1.45 0.00	23.71 1.21 0.00	24.85 1.26 0.00	23.02 1.16 0.00	21.59 1.09 0.00	25.26 1.23 0.00	25.74 1.25 0.00	25.35 1.12 0.00	25.04 0.85 0.00	35.16 1.16 0.00	35.96 1.04 0.00	37.88 1.45 0.00	34.81 1.64 0.00	35.15 1.62 0.00	44.55 2.31 0.00	45.10 2.67 0.00	41.18 2.74 0.00	40.51 2.75 0.00	40.12 2.26 0.00	37.70 1.81 0.00	34.61 1.34 0.00	35.29 1.78 0.00
UPPER RAQUET__HYD 24056	28.20 -1.51 -0.20	29.18 -1.49 -0.21	25.39 -1.01 0.00	21.57 -0.94 0.00	22.62 -0.98 0.00	20.96 -0.90 0.00	19.64 -0.86 0.00	23.08 -0.95 0.00	-76.61 -1.35 99.76	-12.78 -1.33 35.68	22.07 -1.40 0.72	32.27 -2.07 -0.34	-150.78 -2.15 183.54	-66.07 -2.43 100.08	-78.63 -2.46 109.34	31.27 -2.53 -0.27	38.92 -3.17 0.15	29.28 -3.07 10.09	35.60 -2.58 0.26	35.95 -2.27 -0.46	36.20 -2.13 -0.46	34.24 -2.06 -0.40	31.92 -1.63 -0.28	32.10 -1.73 -0.31
VALLEY44_115KV_TB2 355964	29.76 0.25 0.00	30.52 0.06 0.00	26.19 -0.21 0.00	22.26 -0.24 0.00	23.38 -0.22 0.00	21.59 -0.27 0.00	20.18 -0.32 0.00	23.99 -0.04 0.00	24.68 0.19 0.00	24.65 0.42 0.00	24.42 0.23 0.00	35.01 1.01 0.00	36.29 1.37 0.00	37.79 1.35 0.00	34.29 1.12 0.00	34.84 1.30 0.00	43.63 1.38 0.00	43.85 1.42 0.00	39.34 0.90 0.00	38.42 0.66 0.00	38.70 0.84 0.00	36.78 0.88 0.00	33.97 0.71 0.00	34.07 0.55 0.00
VALLEY__115KV_TB 1-4 80826	30.19 0.68 0.00	31.12 0.67 0.00	26.94 0.54 0.00	22.98 0.48 0.00	24.09 0.50 0.00	22.33 0.47 0.00	20.92 0.42 0.00	24.38 0.36 0.00	22.51 0.27 2.25	23.66 0.23 0.80	24.42 0.25 0.02	34.40 0.40 0.00	31.05 0.28 4.14	34.51 0.34 2.27	31.12 0.43 2.47	33.97 0.44 0.00	42.86 0.63 0.02	43.04 0.78 0.17	39.32 0.89 0.02	38.78 1.02 0.00	38.92 1.06 0.00	36.87 0.97 0.00	33.91 0.65 0.00	34.21 0.70 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.10 1.40 -0.19	32.04 1.39 -0.20	27.56 1.16 0.00	23.45 0.95 0.00	24.61 1.01 0.00	22.78 0.92 0.00	21.36 0.87 0.00	25.09 1.06 0.00	25.68 1.19 0.00	25.46 1.23 0.00	25.49 1.30 0.00	35.96 1.96 0.00	37.27 2.07 -0.29	39.02 2.18 -0.39	35.55 2.08 -0.29	36.01 2.17 -0.30	45.53 2.70 -0.59	45.72 2.69 -0.59	41.38 2.46 -0.48	40.58 2.36 -0.45	40.62 2.29 -0.46	38.45 2.15 -0.40	35.40 1.82 -0.31	35.57 1.74 -0.32
VISCHER__FERRY HYD 24020	30.78 1.27 0.00	31.80 1.34 0.00	27.60 1.20 0.00	23.56 1.06 0.00	24.71 1.12 0.00	22.90 1.04 0.00	21.45 0.95 0.00	25.09 1.07 0.00	25.53 1.04 0.00	25.22 0.99 0.00	25.13 0.94 0.00	35.14 1.14 0.00	35.92 1.00 0.00	37.70 1.26 0.00	34.40 1.23 0.00	34.73 1.20 0.00	43.92 1.68 0.00	44.22 1.79 0.00	40.02 1.58 0.00	39.40 1.64 0.00	39.54 1.67 0.00	37.42 1.52 0.00	34.36 1.10 0.00	34.78 1.26 0.00
V_A_10_SYNC_DSASP 323832	29.43 -0.08 0.00	30.11 -0.34 0.00	25.97 -0.43 0.00	22.10 -0.40 0.00	23.19 -0.41 0.00	21.39 -0.46 0.00	19.98 -0.52 0.00	23.71 -0.32 0.00	24.34 -0.15 0.00	24.09 -0.14 0.00	23.88 -0.30 0.00	34.14 0.14 0.00	35.57 0.65 0.00	37.02 0.59 0.00	33.58 0.41 0.00	34.10 0.56 0.00	42.69 0.45 0.00	43.21 0.77 0.00	38.88 0.44 0.00	38.19 0.42 0.00	38.41 0.55 0.00	36.37 0.47 0.00	33.56 0.30 0.00	33.62 0.11 0.00
V_CMM_10_SYNC_DSASP 323787	28.82 -0.69 0.00	29.80 -0.65 0.00	25.95 -0.45 0.00	22.11 -0.40 0.00	23.17 -0.43 0.00	21.46 -0.40 0.00	20.12 -0.37 0.00	23.64 -0.39 0.00	38.07 -0.52 -14.11	28.74 -0.54 -5.05	23.69 -0.60 -0.11	33.10 -0.90 0.00	60.04 -0.89 -26.01	49.55 -1.10 -14.21	47.49 -1.19 -15.51	32.30 -1.24 -0.01	40.78 -1.57 -0.11	41.27 -1.60 -0.44	37.14 -1.40 -0.10	36.46 -1.30 0.00	36.62 -1.24 0.00	34.72 -1.18 0.00	32.57 -0.71 0.00	32.78 -0.74 0.00
V_CMP_10_SYNC_DSASP 323788	29.75 0.24 0.00	31.18 0.73 0.00	26.90 0.50 0.00	22.85 0.35 0.00	23.94 0.35 0.00	22.19 0.33 0.00	20.83 0.33 0.00	24.45 0.42 0.00	16.89 0.54 8.14	21.89 0.57 2.91	24.66 0.53 0.06	34.70 0.71 0.00	20.78 0.86 15.00	28.52 0.28 8.20	23.93 -0.30 8.94	32.72 -0.81 0.01	40.74 -1.44 0.06	39.42 -1.25 1.76	37.63 -0.75 0.06	37.52 -0.24 0.00	38.02 0.15 0.00	35.97 0.07 0.00	32.83 -0.43 0.00	32.90 -0.61 0.00
V_D_10_SYNC_DSASP 323841	28.72 -0.79 0.00	29.71 -0.74 0.00	26.04 -0.37 0.00	22.16 -0.34 0.00	23.23 -0.37 0.00	21.53 -0.33 0.00	20.18 -0.32 0.00	23.69 -0.33 0.00	46.58 -0.63 -22.72	31.72 -0.64 -8.13	23.66 -0.70 -0.17	32.95 -1.05 0.00	75.73 -1.08 -41.89	58.04 -1.28 -22.89	56.76 -1.38 -24.97	32.11 -1.44 -0.02	40.59 -1.82 -0.17	41.93 -1.84 -1.33	37.02 -1.59 -0.17	36.32 -1.44 0.00	36.51 -1.36 0.00	34.60 -1.30 0.00	32.45 -0.82 -0.01	32.67 -0.85 0.00
V_E_10_SYNC_DSASP 323830	32.14 2.20 -0.43	33.21 2.30 -0.45	28.26 1.85 0.00	24.13 1.63 0.00	25.41 1.81 0.00	23.49 1.63 0.00	22.17 1.67 0.00	27.04 3.02 0.00	27.69 3.19 -0.01	27.32 3.08 -0.01	27.27 3.03 -0.05	39.30 4.80 -0.50	39.11 3.42 -0.77	40.45 3.10 -0.91	36.79 2.94 -0.69	37.21 2.96 -0.71	47.49 3.87 -1.38	47.93 4.12 -1.38	43.67 4.10 -1.12	43.18 4.35 -1.06	43.46 4.53 -1.07	41.04 4.21 -0.93	37.50 3.51 -0.72	37.50 3.25 -0.74
V_F_30_NSYNC__DSASP 323816	31.25 1.74 0.00	32.22 1.77 0.00	27.93 1.52 0.00	23.81 1.30 0.00	24.96 1.37 0.00	23.12 1.27 0.00	21.67 1.18 0.00	25.36 1.34 0.00	25.81 1.32 0.00	25.48 1.25 0.00	25.34 1.15 0.00	35.56 1.56 0.00	36.41 1.49 0.00	38.23 1.80 0.00	34.98 1.81 0.00	35.32 1.79 0.00	44.71 2.47 0.00	45.12 2.68 0.00	40.98 2.54 0.00	40.36 2.60 0.00	40.31 2.44 0.00	38.04 2.14 0.00	34.93 1.66 0.00	35.37 1.86 0.00
V_F_30_SYNC_DSASP 323786	30.38 0.86 0.00	31.35 0.89 0.00	27.21 0.81 0.00	23.23 0.73 0.00	24.37 0.77 0.00	22.58 0.72 0.00	21.15 0.66 0.00	24.78 0.76 0.00	25.24 0.75 0.00	24.96 0.73 0.00	24.92 0.73 0.00	34.85 0.85 0.00	35.68 0.76 0.00	37.43 1.00 0.00	34.16 0.99 0.00	34.52 0.98 0.00	43.58 1.34 0.00	43.83 1.39 0.00	39.64 1.20 0.00	38.95 1.19 0.00	39.05 1.19 0.00	36.99 1.10 0.00	33.98 0.72 0.00	34.29 0.78 0.00

V_XM10_SYNC_DSASP 323789	29.75 0.24 0.00	31.18 0.73 0.00	26.90 0.50 0.00	22.85 0.35 0.00	23.94 0.35 0.00	22.19 0.33 0.00	20.83 0.33 0.00	24.45 0.42 0.00	16.89 0.54 8.14	21.89 0.57 2.91	24.66 0.53 0.06	34.70 0.71 0.00	20.78 0.86 15.00	28.52 0.28 8.20	23.93 -0.30 8.94	32.72 -0.81 0.01	40.74 -1.44 0.06	39.42 -1.25 1.76	37.63 -0.75 0.06	37.52 -0.24 0.00	38.02 0.15 0.00	35.97 0.07 0.00	32.83 -0.43 0.00	32.90 -0.61 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.37 1.85 0.00	32.36 1.91 0.00	28.06 1.66 0.00	23.88 1.37 0.00	24.98 1.38 0.00	23.15 1.29 0.00	21.71 1.21 0.00	25.47 1.45 0.00	26.16 1.67 0.00	25.93 1.70 0.00	26.03 1.84 0.00	36.51 2.51 0.00	37.53 2.62 0.00	39.29 2.85 0.00	35.99 2.82 0.00	36.51 2.97 0.00	45.84 3.60 0.00	45.99 3.56 0.00	41.52 3.08 0.00	40.53 2.77 0.00	40.54 2.67 0.00	38.50 2.60 0.00	35.43 2.16 0.00	35.78 2.27 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.55 2.03 0.00	32.57 2.12 0.00	28.27 1.87 0.00	24.06 1.56 0.00	25.18 1.58 0.00	23.31 1.46 0.00	21.86 1.36 0.00	25.64 1.61 0.00	26.33 1.84 0.00	26.09 1.86 0.00	26.23 2.04 0.00	36.78 2.78 0.00	37.76 2.84 0.00	39.42 2.98 0.00	36.15 2.98 0.00	36.63 3.09 0.00	45.82 3.58 0.00	45.90 3.46 0.00	41.47 3.03 0.00	40.47 2.71 0.00	40.46 2.60 0.00	38.45 2.55 0.00	35.49 2.22 0.00	35.94 2.43 0.00
W50THST__13_KV_LOAD 356117	31.75 2.24 0.00	32.78 2.33 0.00	28.47 2.07 0.00	24.23 1.73 0.00	25.35 1.75 0.00	23.47 1.61 0.00	22.01 1.51 0.00	25.83 1.80 0.00	26.52 2.03 0.00	26.30 2.07 0.00	26.45 2.27 0.00	37.09 3.09 0.00	38.08 3.16 0.00	39.74 3.30 0.00	36.42 3.25 0.00	36.89 3.36 0.00	46.16 3.92 0.00	46.20 3.76 0.00	41.73 3.30 0.00	40.73 2.97 0.00	40.71 2.84 0.00	38.71 2.81 0.00	35.72 2.46 0.00	36.17 2.66 0.00
WADING RIVER_IC_1 23522	31.45 1.94 0.00	32.97 2.52 0.00	29.77 2.22 -1.15	27.15 1.91 -2.75	26.65 1.95 -1.10	24.03 1.79 -0.39	22.07 1.57 0.00	25.74 1.72 0.00	26.55 2.06 0.00	26.08 1.85 0.00	26.13 1.94 0.00	36.47 2.47 0.00	37.92 3.00 0.00	39.58 3.15 0.00	36.13 2.96 0.00	36.91 3.38 0.00	52.45 4.00 -6.22	58.70 3.84 -12.43	41.39 2.95 0.00	39.42 2.41 0.75	39.24 2.22 0.84	38.12 2.23 0.00	35.35 2.08 0.00	36.10 2.59 0.00
WADING RIVER_IC_2 23547	31.45 1.94 0.00	32.97 2.52 0.00	29.77 2.22 -1.15	27.15 1.91 -2.75	26.65 1.95 -1.10	24.03 1.79 -0.39	22.07 1.57 0.00	25.74 1.72 0.00	26.55 2.06 0.00	26.08 1.85 0.00	26.13 1.94 0.00	36.47 2.47 0.00	37.92 3.00 0.00	39.58 3.15 0.00	36.13 2.96 0.00	36.91 3.38 0.00	52.45 4.00 -6.22	58.70 3.84 -12.43	41.39 2.95 0.00	39.42 2.41 0.75	39.24 2.22 0.84	38.12 2.23 0.00	35.35 2.08 0.00	36.10 2.59 0.00
WADING RIVER_IC_3 23601	31.45 1.94 0.00	32.97 2.52 0.00	29.77 2.22 -1.15	27.15 1.91 -2.75	26.65 1.95 -1.10	24.03 1.79 -0.39	22.07 1.57 0.00	25.74 1.72 0.00	26.55 2.06 0.00	26.08 1.85 0.00	26.13 1.94 0.00	36.47 2.47 0.00	37.92 3.00 0.00	39.58 3.15 0.00	36.13 2.96 0.00	36.91 3.38 0.00	52.45 4.00 -6.22	58.70 3.84 -12.43	41.39 2.95 0.00	39.42 2.41 0.75	39.24 2.22 0.84	38.12 2.23 0.00	35.35 2.08 0.00	36.10 2.59 0.00
WALDENNY_12_KV_BK2 80841	30.05 0.54 0.00	30.69 0.24 0.00	26.36 -0.04 0.00	22.40 -0.10 0.00	23.50 -0.09 0.00	21.68 -0.18 0.00	20.25 -0.25 0.00	24.07 0.05 0.00	24.72 0.23 0.00	24.55 0.33 0.00	24.36 0.16 0.00	34.95 0.96 0.00	36.50 1.59 0.00	37.99 1.55 0.00	34.50 1.33 0.00	35.04 1.51 0.00	43.83 1.59 0.00	44.39 1.95 0.00	39.91 1.47 0.00	39.18 1.42 0.00	39.41 1.54 0.00	37.31 1.41 0.00	34.35 1.08 0.00	34.30 0.79 0.00
WALDEN__HYDRO 24148	31.26 1.74 0.00	32.25 1.79 0.00	27.95 1.55 0.00	23.79 1.28 0.00	24.90 1.31 0.00	23.07 1.22 0.00	21.65 1.15 0.00	25.38 1.36 0.00	26.04 1.55 0.00	25.77 1.54 0.00	25.86 1.67 0.00	36.27 2.27 0.00	37.29 2.37 0.00	39.00 2.56 0.00	35.72 2.56 0.00	36.22 2.68 0.00	45.54 3.30 0.00	45.77 3.33 0.00	41.36 2.92 0.00	40.41 2.64 0.00	40.42 2.55 0.00	38.35 2.46 0.00	35.29 2.03 0.00	35.62 2.11 0.00
WARRENSBURG____ 23737	31.21 1.70 0.00	32.16 1.71 0.00	27.84 1.45 0.00	23.71 1.21 0.00	24.85 1.26 0.00	23.02 1.16 0.00	21.59 1.09 0.00	25.26 1.23 0.00	25.74 1.25 0.00	25.35 1.12 0.00	25.04 0.85 0.00	35.16 1.16 0.00	35.96 1.04 0.00	37.88 1.45 0.00	34.81 1.64 0.00	35.15 1.62 0.00	44.55 2.31 0.00	45.10 2.67 0.00	41.18 2.74 0.00	40.51 2.75 0.00	40.12 2.26 0.00	37.70 1.81 0.00	34.61 1.34 0.00	35.29 1.78 0.00
WATERSIDE____6 8 9 23538	31.60 2.08 0.00	32.60 2.14 0.00	28.28 1.88 0.00	24.06 1.56 0.00	25.18 1.58 0.00	23.32 1.46 0.00	21.88 1.38 0.00	25.63 1.61 0.00	26.32 1.83 0.00	26.08 1.85 0.00	26.24 2.05 0.00	36.72 2.73 0.00	37.64 2.72 0.00	39.23 2.80 0.00	35.99 2.82 0.00	36.45 2.91 0.00	45.58 3.34 0.00	45.67 3.24 0.00	41.27 2.83 0.00	40.31 2.55 0.00	40.32 2.45 0.00	38.36 2.46 0.00	35.18 2.22 0.31	36.00 2.48 0.00
WATKINRD_115KV_LN8_ILLION 55919	30.00 0.49 0.00	30.94 0.49 0.00	26.79 0.39 0.00	22.84 0.34 0.00	23.95 0.36 0.00	22.19 0.33 0.00	20.80 0.30 0.00	24.29 0.26 0.00	22.43 0.19 2.25	23.59 0.17 0.80	24.35 0.18 0.02	34.27 0.27 0.00	30.96 0.19 4.14	34.44 0.27 2.27	31.02 0.32 2.47	33.88 0.34 0.00	42.74 0.51 0.02	42.89 0.63 0.17	39.13 0.71 0.02	38.55 0.78 0.00	38.68 0.81 0.00	36.66 0.76 0.00	33.76 0.49 0.00	34.02 0.51 0.00
WATSON__69_KV_BK 1 55734	31.99 2.47 0.00	33.47 3.02 0.00	30.22 2.66 -1.15	27.56 2.32 -2.74	27.07 2.38 -1.10	24.42 2.18 -0.39	22.44 1.94 0.00	26.16 2.14 0.00	26.91 2.42 0.00	26.42 2.19 0.00	26.52 2.34 0.00	37.00 3.01 0.00	38.43 3.51 0.00	40.02 3.58 0.00	36.65 3.48 0.00	37.29 3.76 0.00	49.89 4.34 -3.31	53.29 4.25 -6.61	41.92 3.48 0.00	40.01 2.98 0.73	39.85 2.80 0.82	38.67 2.77 0.00	35.88 2.62 0.00	36.58 3.07 0.00
WDELAWARE__HYD 323627	30.52 1.01 0.00	31.45 1.00 0.00	27.24 0.84 0.00	23.16 0.66 0.00	24.25 0.66 0.00	22.47 0.61 0.00	21.08 0.58 0.00	24.72 0.69 0.00	25.35 0.86 0.00	25.10 0.87 0.00	25.23 1.04 0.00	35.50 1.50 0.00	36.36 1.45 0.00	38.03 1.59 0.00	34.99 1.82 0.00	35.46 1.92 0.00	44.68 2.44 0.00	44.97 2.54 0.00	40.60 2.16 0.00	39.73 1.97 0.00	39.71 1.84 0.00	37.63 1.73 0.00	34.62 1.35 0.00	34.88 1.37 0.00
WEST BABYLON__IC 23714	31.88 2.37 0.00	33.32 2.87 0.00	30.08 2.53 -1.15	27.44 2.20 -2.74	26.95 2.25 -1.10	24.31 2.07 -0.39	22.33 1.84 0.00	26.06 2.03 0.00	26.78 2.29 0.00	26.28 2.05 0.00	26.39 2.20 0.00	36.82 2.82 0.00	38.21 3.29 0.00	39.74 3.30 0.00	36.41 3.24 0.00	37.05 3.51 0.00	47.03 4.06 -0.73	47.89 3.99 -1.46	41.72 3.28 0.00	39.89 2.82 0.69	39.75 2.65 0.77	38.53 2.63 0.00	35.74 2.48 0.00	36.45 2.94 0.00

WEST CANADA___HYD 24049	29.74 0.23 0.00	30.67 0.21 0.00	26.57 0.17 0.00	22.66 0.16 0.00	23.76 0.16 0.00	22.01 0.16 0.00	20.64 0.14 0.00	24.18 0.15 0.00	22.41 0.17 2.25	23.60 0.17 0.80	24.35 0.18 0.02	34.24 0.24 0.00	31.00 0.22 4.14	34.46 0.28 2.27	31.00 0.29 2.47	33.84 0.31 0.00	42.64 0.41 0.02	42.66 0.40 0.17	38.78 0.36 0.02	38.14 0.38 0.00	38.22 0.35 0.00	36.23 0.33 0.00	33.48 0.21 0.00	33.74 0.23 0.00
WESTERN_NY_WIND 24143	30.61 1.10 0.00	31.22 0.77 0.00	26.87 0.46 0.00	22.82 0.32 0.00	23.92 0.32 0.00	22.06 0.21 0.00	20.59 0.10 0.00	24.43 0.40 0.00	24.99 0.50 0.00	24.77 0.54 0.00	24.53 0.34 0.00	35.11 1.11 0.00	36.69 1.77 0.00	38.22 1.78 0.00	34.70 1.53 0.00	35.23 1.70 0.00	44.14 1.90 0.00	44.84 2.40 0.00	40.52 2.08 0.00	39.96 2.20 0.00	40.23 2.36 0.00	38.01 2.11 0.00	34.90 1.63 0.00	34.80 1.29 0.00
WESTOVER___LESR 323668	30.39 0.46 -0.42	31.33 0.44 -0.44	26.62 0.22 0.00	22.65 0.15 0.00	23.77 0.17 0.00	22.00 0.14 0.00	20.65 0.15 0.00	24.29 0.26 0.00	24.85 0.35 -0.01	24.69 0.44 -0.02	24.68 0.42 -0.07	35.60 0.90 -0.70	36.76 1.07 -0.78	38.42 1.11 -0.88	34.92 1.09 -0.66	35.40 1.19 -0.68	44.96 1.40 -1.32	45.08 1.34 -1.31	40.65 1.14 -1.07	39.82 1.05 -1.01	39.94 1.06 -1.02	37.85 1.07 -0.88	34.75 0.79 -0.69	34.91 0.69 -0.70
WETHRSFD_WT_PWR 323626	29.85 0.33 0.00	30.59 0.14 0.00	26.27 -0.13 0.00	22.32 -0.18 0.00	23.42 -0.18 0.00	21.62 -0.24 0.00	20.23 -0.26 0.00	24.03 0.00 0.00	24.69 0.20 0.00	24.47 0.24 0.00	24.26 0.07 0.00	34.72 0.72 0.00	36.13 1.21 0.00	37.59 1.16 0.00	34.17 1.00 0.00	34.69 1.15 0.00	43.42 1.18 0.00	43.85 1.42 0.00	39.50 1.06 0.00	38.83 1.07 0.00	39.09 1.22 0.00	37.07 1.17 0.00	34.12 0.86 0.00	34.16 0.65 0.00
WHAVSTOR_138KV_BK127 55557	31.18 1.67 0.00	32.19 1.73 0.00	27.92 1.52 0.00	23.75 1.25 0.00	24.86 1.26 0.00	23.03 1.18 0.00	21.60 1.10 0.00	25.34 1.31 0.00	26.02 1.53 0.00	25.77 1.54 0.00	25.88 1.69 0.00	36.28 2.29 0.00	37.29 2.38 0.00	39.02 2.58 0.00	35.74 2.57 0.00	36.23 2.69 0.00	45.49 3.25 0.00	45.63 3.19 0.00	41.19 2.75 0.00	40.22 2.46 0.00	40.23 2.37 0.00	38.22 2.32 0.00	35.19 1.93 0.00	35.56 2.05 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.18 1.67 0.00	32.19 1.73 0.00	27.92 1.52 0.00	23.75 1.25 0.00	24.86 1.26 0.00	23.03 1.18 0.00	21.60 1.10 0.00	25.34 1.31 0.00	26.02 1.53 0.00	25.77 1.54 0.00	25.88 1.69 0.00	36.28 2.29 0.00	37.29 2.38 0.00	39.02 2.58 0.00	35.74 2.57 0.00	36.23 2.69 0.00	45.49 3.25 0.00	45.63 3.19 0.00	41.19 2.75 0.00	40.22 2.46 0.00	40.23 2.37 0.00	38.22 2.32 0.00	35.19 1.93 0.00	35.56 2.05 0.00
WHITEHAL_115KV_TB1 80871	32.32 2.81 0.00	33.42 2.97 0.00	28.80 2.40 0.00	24.42 1.92 0.00	25.56 1.97 0.00	23.71 1.85 0.00	22.24 1.74 0.00	25.99 1.97 0.00	26.54 2.05 0.00	25.96 1.73 0.00	25.51 1.32 0.00	35.71 1.72 0.00	36.63 1.71 0.00	38.86 2.42 0.00	35.88 2.72 0.00	35.93 2.39 0.00	45.75 3.51 0.00	46.80 4.36 0.00	42.57 4.13 0.00	42.09 4.33 0.00	40.38 2.51 0.00	37.21 1.31 0.00	34.09 0.83 0.00	36.71 3.20 0.00
WHITEPLN_13_KV_LOAD 356215	31.76 2.25 0.00	32.78 2.32 0.00	28.40 2.00 0.00	24.17 1.67 0.00	25.29 1.70 0.00	23.43 1.57 0.00	21.97 1.47 0.00	25.78 1.75 0.00	26.46 1.97 0.00	26.22 2.00 0.00	26.35 2.16 0.00	36.93 2.93 0.00	37.94 3.03 0.00	39.69 3.25 0.00	36.36 3.20 0.00	36.88 3.35 0.00	46.30 4.06 0.00	46.47 4.04 0.00	41.97 3.53 0.00	40.98 3.22 0.00	40.98 3.11 0.00	38.91 3.01 0.00	35.82 2.55 0.00	36.20 2.69 0.00
WM_FLOYD_69_KV_BK2 356380	31.77 2.26 0.00	33.30 2.84 0.00	30.06 2.50 -1.15	27.41 2.16 -2.74	26.92 2.22 -1.10	24.28 2.04 -0.39	22.30 1.80 0.00	26.00 1.98 0.00	26.81 2.32 0.00	26.31 2.08 0.00	26.36 2.17 0.00	36.79 2.79 0.00	38.20 3.29 0.00	39.87 3.43 0.00	36.44 3.27 0.00	37.20 3.66 0.00	53.25 4.34 -6.67	59.97 4.21 -13.32	41.77 3.33 0.00	39.80 2.79 0.75	39.64 2.61 0.84	38.50 2.60 0.00	35.66 2.40 0.00	36.41 2.89 0.00
WOODARD__115KV_TB2 355635	30.18 -0.09 -0.76	31.07 -0.18 -0.79	26.18 -0.23 0.00	22.30 -0.20 0.00	23.40 -0.20 0.00	21.66 -0.19 0.00	20.32 -0.18 0.00	23.82 -0.20 0.00	21.66 -0.16 2.67	23.21 -0.10 0.92	24.21 -0.09 -0.10	35.32 0.05 -1.27	31.52 0.15 3.54	35.52 0.19 1.10	31.62 0.20 1.75	35.02 0.25 -1.24	45.07 0.29 -2.53	45.08 0.35 -2.30	40.82 0.32 -2.07	40.03 0.29 -1.98	40.12 0.26 -2.00	37.83 0.20 -1.73	34.62 0.00 -1.35	34.78 -0.10 -1.38
YORK___WARBASSE 23770	31.73 2.22 0.00	32.72 2.27 0.00	28.41 2.01 0.00	24.17 1.67 0.00	25.28 1.68 0.00	23.42 1.56 0.00	21.96 1.46 0.00	25.75 1.73 0.00	26.44 1.95 0.00	26.22 1.99 0.00	26.37 2.18 0.00	36.93 2.93 0.00	37.88 2.96 0.00	39.49 3.05 0.00	36.25 3.07 -0.01	36.69 3.16 0.00	45.84 3.60 0.00	45.93 3.49 0.00	41.51 3.08 0.00	40.58 2.82 0.00	40.56 2.70 0.00	38.60 2.70 0.00	37.48 2.42 -1.79	36.19 2.68 0.00