

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/01/2026

ALBANY___2 23572	24.71 0.50 0.00	18.89 0.37 0.00	18.80 0.38 0.00	19.77 0.39 0.00	19.16 0.36 0.00	22.92 0.36 0.00	30.27 0.26 0.00	27.40 0.28 0.00	26.08 0.21 0.00	22.40 0.23 0.00	25.12 0.38 0.00	27.97 0.41 0.00	32.02 0.41 0.00	32.15 0.38 0.00	32.04 0.42 0.00	29.96 0.39 0.00	30.31 0.38 0.00	33.71 0.46 0.00	37.74 0.58 0.00	38.45 0.53 0.00	42.89 0.52 0.00	39.01 0.46 0.00	32.62 0.47 0.00	29.42 0.53 0.00
ALBANY___3 23573	24.71 0.50 0.00	18.89 0.37 0.00	18.80 0.38 0.00	19.77 0.39 0.00	19.16 0.36 0.00	22.92 0.36 0.00	30.27 0.26 0.00	27.40 0.28 0.00	26.08 0.21 0.00	22.40 0.23 0.00	25.12 0.38 0.00	27.97 0.41 0.00	32.02 0.41 0.00	32.15 0.38 0.00	32.04 0.42 0.00	29.96 0.39 0.00	30.31 0.38 0.00	33.71 0.46 0.00	37.74 0.58 0.00	38.45 0.53 0.00	42.89 0.52 0.00	39.01 0.46 0.00	32.62 0.47 0.00	29.42 0.53 0.00
ALBANY___4 23574	24.71 0.50 0.00	18.89 0.37 0.00	18.80 0.38 0.00	19.77 0.39 0.00	19.16 0.36 0.00	22.92 0.36 0.00	30.27 0.26 0.00	27.40 0.28 0.00	26.08 0.21 0.00	22.40 0.23 0.00	25.12 0.38 0.00	27.97 0.41 0.00	32.02 0.41 0.00	32.15 0.38 0.00	32.04 0.42 0.00	29.96 0.39 0.00	30.31 0.38 0.00	33.71 0.46 0.00	37.74 0.58 0.00	38.45 0.53 0.00	42.89 0.52 0.00	39.01 0.46 0.00	32.62 0.47 0.00	29.42 0.53 0.00
ALBANY___LFGE 323615	24.87 0.66 0.00	19.02 0.49 0.00	18.92 0.50 0.00	19.89 0.52 0.00	19.28 0.49 0.00	23.09 0.52 0.00	30.54 0.53 0.00	27.63 0.50 0.00	26.31 0.44 0.00	22.59 0.42 0.00	25.33 0.59 0.00	28.20 0.64 0.00	32.29 0.68 0.00	32.43 0.66 0.00	32.31 0.69 0.00	30.20 0.63 0.00	30.58 0.64 0.00	34.02 0.77 0.00	38.10 0.94 0.00	38.83 0.91 0.00	43.32 0.96 0.00	39.40 0.85 0.00	32.92 0.76 0.00	29.65 0.75 0.00
ALCOA_PA_115KV_PL-6C 55860	24.34 0.13 0.00	18.67 0.15 0.00	18.56 0.14 0.00	19.53 0.15 0.00	18.94 0.15 0.00	22.74 0.18 0.00	30.34 0.33 0.00	27.34 0.22 0.00	26.09 0.21 0.00	22.30 0.14 0.00	24.80 0.06 0.00	27.56 0.00 0.00	31.56 -0.05 0.00	31.71 -0.05 0.00	31.56 -0.05 0.00	29.54 -0.02 0.00	29.89 -0.04 0.00	33.29 0.05 0.00	37.28 0.12 0.00	38.17 0.25 0.00	42.80 0.43 0.00	38.95 0.40 0.00	32.47 0.31 0.00	29.23 0.34 0.00
ALCOA_RYNLDS___DRP 24188	24.34 0.13 0.00	18.67 0.15 0.00	18.56 0.14 0.00	19.53 0.15 0.00	18.94 0.15 0.00	22.74 0.18 0.00	30.34 0.33 0.00	27.34 0.22 0.00	26.09 0.22 0.00	22.30 0.14 0.00	24.80 0.06 0.00	27.56 0.00 0.00	31.56 -0.05 0.00	31.71 -0.06 0.00	31.56 -0.05 0.00	29.54 -0.02 0.00	29.89 -0.04 0.00	33.29 0.05 0.00	37.28 0.12 0.00	38.17 0.25 0.00	42.79 0.43 0.00	38.95 0.40 0.00	32.47 0.31 0.00	29.23 0.34 0.00
ALCOA___DSASP 323711	24.34 0.13 0.00	18.67 0.15 0.00	18.56 0.14 0.00	19.53 0.15 0.00	18.94 0.15 0.00	22.74 0.18 0.00	30.34 0.33 0.00	27.34 0.22 0.00	26.09 0.22 0.00	22.30 0.14 0.00	24.80 0.06 0.00	27.56 0.00 0.00	31.56 -0.05 0.00	31.71 -0.06 0.00	31.56 -0.05 0.00	29.54 -0.02 0.00	29.89 -0.04 0.00	33.29 0.05 0.00	37.28 0.12 0.00	38.17 0.25 0.00	42.79 0.43 0.00	38.95 0.40 0.00	32.47 0.31 0.00	29.23 0.34 0.00
ALLEGHENY___COGEN 23514	23.46 -0.75 0.00	18.10 -0.42 0.00	17.96 -0.46 0.00	18.95 -0.43 0.00	18.43 -0.36 0.00	22.26 -0.30 0.00	29.63 -0.39 0.00	26.13 -0.99 0.00	24.71 -1.16 0.00	21.09 -1.08 0.00	23.68 -1.33 -0.27	26.16 -1.51 -0.10	32.00 -1.52 -1.91	42.39 -1.58 -12.20	60.87 -1.59 -30.84	39.78 -1.53 -11.74	61.30 -1.44 -32.81	67.59 -1.39 -35.74	75.57 -1.56 -39.97	60.91 -1.06 -24.04	51.45 -0.26 -9.35	72.58 -0.12 -34.15	44.52 -0.42 -12.78	29.78 -0.48 -1.37
ALTAMONT_115KV_TB 2 55880	24.74 0.53 0.00	18.90 0.38 0.00	18.81 0.39 0.00	19.78 0.40 0.00	19.18 0.39 0.00	23.00 0.44 0.00	30.51 0.49 0.00	27.60 0.47 0.00	26.27 0.40 0.00	22.55 0.38 0.00	25.25 0.51 0.00	28.13 0.57 0.00	32.22 0.61 0.00	32.37 0.61 0.00	32.23 0.61 0.00	30.14 0.58 0.00	30.53 0.60 0.00	33.92 0.67 0.00	37.97 0.81 0.00	38.71 0.78 0.00	43.22 0.86 0.00	39.32 0.77 0.00	32.83 0.67 0.00	29.49 0.59 0.00
ALTONA_WT_PWR 323606	24.39 0.18 0.00	18.69 0.16 0.00	18.59 0.17 0.00	19.62 0.24 0.00	19.04 0.25 0.00	22.81 0.25 0.00	30.39 0.38 0.00	27.47 0.34 0.00	26.19 0.32 0.00	22.38 0.21 0.00	24.87 0.13 0.00	27.68 0.11 0.00	31.70 0.09 0.00	31.87 0.10 0.00	31.77 0.16 0.00	29.74 0.17 0.00	30.12 0.19 0.00	33.55 0.30 0.00	37.55 0.39 0.00	38.40 0.48 0.00	42.97 0.61 0.00	39.07 0.53 0.00	32.52 0.36 0.00	29.15 0.25 0.00
AMERICAN_REF_FUEL 24010	21.06 -3.15 0.00	16.37 -2.16 0.00	16.21 -2.22 0.00	17.11 -2.27 0.00	16.62 -2.17 0.00	19.97 -2.60 0.00	26.48 -3.53 0.00	23.71 -3.42 0.00	23.01 -2.86 0.00	19.71 -2.46 0.00	21.85 -2.81 0.08	24.32 -3.21 0.03	27.60 -3.45 0.56	24.93 -3.29 3.56	19.45 -3.19 8.98	23.00 -3.22 3.34	17.29 -3.08 9.56	19.40 -3.44 10.41	21.20 -4.32 11.64	26.32 -4.60 7.00	34.29 -5.35 2.72	24.27 -4.34 9.95	25.02 -3.42 3.72	25.48 -3.02 0.40
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.97 -2.24 0.00	17.13 -1.39 0.00	16.91 -1.51 0.00	17.96 -1.41 0.00	17.47 -1.32 0.00	21.03 -1.53 0.00	27.98 -2.04 0.00	24.76 -2.37 0.00	24.03 -1.84 0.00	20.60 -1.57 0.00	22.73 -1.93 0.08	25.41 -2.12 0.03	28.80 -2.22 0.59	25.55 -2.45 3.76	19.54 -2.57 9.50	23.59 -2.46 3.52	17.23 -2.59 10.11	19.51 -2.72 11.01	21.35 -3.49 12.32	27.16 -3.36 7.41	35.79 -3.69 2.88	24.67 -3.35 10.52	25.33 -2.89 3.94	25.99 -2.49 0.42
ARTHUR KILL_GT_1 23520	25.44 1.22 0.00	19.33 0.81 0.00	19.20 0.78 0.00	20.17 0.80 0.00	19.58 0.79 0.00	23.59 1.03 0.00	31.32 1.30 0.00	28.51 1.38 0.00	27.32 1.44 -0.01	23.47 1.30 -0.01	26.37 1.62 -0.01	29.39 1.82 -0.01	33.74 2.14 0.00	34.06 2.29 0.00	33.94 2.32 0.00	31.84 2.27 0.00	32.34 2.41 0.00	35.70 2.45 0.00	39.48 2.32 0.00	39.96 2.04 0.00	44.46 2.10 0.00	40.41 1.86 0.00	33.72 1.56 0.00	30.13 1.24 0.00
ARTHUR_KILL_2 23512	25.38 1.16 0.00	19.28 0.76 0.00	19.15 0.73 0.00	20.13 0.75 0.00	19.54 0.74 0.00	23.53 0.97 0.00	31.26 1.24 0.00	28.43 1.31 0.00	27.25 1.38 -0.01	23.42 1.25 -0.01	26.32 1.57 -0.01	29.33 1.76 -0.01	33.68 2.07 0.00	33.97 2.20 0.00	33.86 2.24 0.00	31.77 2.20 0.00	32.27 2.34 0.00	35.59 2.35 0.00	39.37 2.21 0.00	39.85 1.93 0.00	44.33 1.97 0.00	40.29 1.74 0.00	33.63 1.47 0.00	30.06 1.17 0.00
ARTHUR_KILL_3 23513	25.11 0.90 0.00	19.04 0.52 0.00	18.92 0.50 0.00	19.88 0.50 0.00	19.30 0.51 0.00	23.24 0.68 0.00	30.88 0.87 0.00	28.11 0.99 0.00	26.94 1.07 0.00	23.22 1.05 0.00	26.11 1.37 0.00	29.09 1.53 0.00	33.35 1.74 0.00	33.61 1.84 0.00	33.44 1.82 0.00	31.45 1.89 0.00	31.96 2.03 0.00	35.33 2.09 0.00	39.23 2.07 0.00	39.63 1.71 0.00	44.05 1.69 0.00	40.03 1.48 0.00	33.43 1.27 0.00	29.88 0.98 0.00

ARTHUR_KILL_COGEN 323718	25.44 1.22 0.00	19.33 0.81 0.00	19.20 0.78 0.00	20.17 0.80 0.00	19.58 0.79 0.00	23.59 1.03 0.00	31.33 1.31 0.00	28.50 1.37 0.00	27.32 1.44 -0.01	23.47 1.30 -0.01	26.37 1.62 -0.01	29.38 1.81 -0.01	33.74 2.13 0.00	34.05 2.28 0.00	33.93 2.31 0.00	31.83 2.26 0.00	32.33 2.40 0.00	35.68 2.43 0.00	39.47 2.31 0.00	39.95 2.03 0.00	44.43 2.07 0.00	40.40 1.85 0.00	33.71 1.55 0.00	30.13 1.23 0.00
ASHOKAN____ 23654	25.00 0.79 0.00	19.04 0.51 0.00	18.93 0.51 0.00	19.89 0.51 0.00	19.31 0.52 0.00	23.20 0.64 0.00	30.88 0.87 0.00	28.07 0.95 0.00	26.76 0.89 0.00	22.98 0.81 0.00	25.79 1.05 0.00	28.79 1.23 0.00	32.94 1.33 0.00	33.15 1.38 0.00	33.03 1.41 0.00	30.97 1.40 0.00	31.49 1.56 0.00	34.91 1.66 0.00	39.05 1.89 0.00	39.76 1.84 0.00	44.36 2.00 0.00	40.28 1.73 0.00	33.54 1.38 0.00	29.93 1.04 0.00
ASTORIA_EAST_ENERGY_CC1 323581	25.19 0.98 0.00	19.08 0.56 0.01	18.96 0.55 0.01	19.92 0.55 0.01	19.34 0.56 0.01	23.29 0.73 0.01	30.95 0.94 0.00	28.25 1.12 0.00	27.06 1.18 -0.01	23.31 1.13 -0.01	26.17 1.42 -0.01	29.16 1.59 -0.01	33.37 1.76 0.00	33.61 1.84 0.00	33.47 1.86 0.00	31.45 1.88 0.00	31.97 2.04 0.00	35.16 1.92 0.00	38.97 1.81 0.00	39.41 1.50 0.01	43.79 1.44 0.01	39.91 1.36 0.00	33.37 1.21 0.00	29.90 1.00 0.00
ASTORIA_EAST_ENERGY_CC2 323582	25.19 0.98 0.00	19.08 0.56 0.01	18.96 0.55 0.01	19.92 0.55 0.01	19.34 0.56 0.01	23.29 0.73 0.01	30.95 0.94 0.00	28.25 1.12 0.00	27.05 1.18 -0.01	23.31 1.13 -0.01	26.17 1.42 -0.01	29.16 1.59 -0.01	33.37 1.76 0.00	33.61 1.84 0.00	33.47 1.86 0.00	31.45 1.88 0.00	31.97 2.04 0.00	35.16 1.92 0.00	38.97 1.81 0.00	39.41 1.50 0.01	43.79 1.44 0.01	39.91 1.36 0.00	33.37 1.21 0.00	29.90 1.00 0.00
ASTORIA_GT2_1 24094	25.20 0.99 0.00	19.09 0.57 0.01	18.96 0.55 0.01	19.93 0.56 0.01	19.35 0.57 0.01	23.30 0.75 0.01	30.95 0.94 0.00	28.26 1.13 0.00	27.06 1.19 -0.01	23.31 1.14 -0.01	26.18 1.43 -0.01	29.17 1.60 -0.01	33.38 1.77 0.00	33.66 1.89 0.00	33.51 1.89 0.00	31.47 1.90 0.00	31.99 2.06 0.00	35.22 1.97 0.00	39.02 1.86 0.00	39.46 1.54 0.01	43.89 1.53 0.01	39.94 1.39 0.00	33.43 1.27 0.00	29.91 1.02 0.00
ASTORIA_GT2_2 24095	25.20 0.99 0.00	19.09 0.57 0.01	18.96 0.55 0.01	19.93 0.56 0.01	19.35 0.57 0.01	23.30 0.75 0.01	30.95 0.94 0.00	28.26 1.13 0.00	27.06 1.19 -0.01	23.31 1.14 -0.01	26.18 1.43 -0.01	29.17 1.60 -0.01	33.38 1.77 0.00	33.66 1.89 0.00	33.51 1.89 0.00	31.47 1.90 0.00	31.99 2.06 0.00	35.22 1.97 0.00	39.02 1.86 0.00	39.46 1.54 0.01	43.89 1.53 0.01	39.94 1.39 0.00	33.43 1.27 0.00	29.91 1.02 0.00
ASTORIA_GT2_3 24096	25.20 0.99 0.00	19.09 0.57 0.01	18.96 0.55 0.01	19.93 0.56 0.01	19.35 0.57 0.01	23.30 0.75 0.01	30.95 0.94 0.00	28.26 1.13 0.00	27.06 1.19 -0.01	23.31 1.14 -0.01	26.18 1.43 -0.01	29.17 1.60 -0.01	33.38 1.77 0.00	33.66 1.89 0.00	33.51 1.89 0.00	31.47 1.90 0.00	31.99 2.06 0.00	35.22 1.97 0.00	39.02 1.86 0.00	39.46 1.54 0.01	43.89 1.53 0.01	39.94 1.39 0.00	33.43 1.27 0.00	29.91 1.02 0.00
ASTORIA_GT2_4 24097	25.20 0.99 0.00	19.09 0.57 0.01	18.96 0.55 0.01	19.93 0.56 0.01	19.35 0.57 0.01	23.30 0.75 0.01	30.95 0.94 0.00	28.26 1.13 0.00	27.06 1.19 -0.01	23.31 1.14 -0.01	26.18 1.43 -0.01	29.17 1.60 -0.01	33.38 1.77 0.00	33.66 1.89 0.00	33.51 1.89 0.00	31.47 1.90 0.00	31.99 2.06 0.00	35.22 1.97 0.00	39.02 1.86 0.00	39.46 1.54 0.01	43.89 1.53 0.01	39.94 1.39 0.00	33.43 1.27 0.00	29.91 1.02 0.00
ASTORIA_GT3_1 24098	25.20 0.99 0.00	19.09 0.57 0.01	18.96 0.55 0.01	19.93 0.56 0.01	19.35 0.57 0.01	23.30 0.75 0.01	30.95 0.94 0.00	28.26 1.13 0.00	27.06 1.19 -0.01	23.31 1.14 -0.01	26.18 1.43 -0.01	29.17 1.60 -0.01	33.38 1.77 0.00	33.66 1.89 0.00	33.51 1.89 0.00	31.47 1.90 0.00	31.99 2.06 0.00	35.22 1.97 0.00	39.02 1.86 0.00	39.46 1.54 0.01	43.89 1.53 0.01	39.94 1.39 0.00	33.43 1.27 0.00	29.91 1.02 0.00
ASTORIA_GT3_2 24099	25.20 0.99 0.00	19.09 0.57 0.01	18.96 0.55 0.01	19.93 0.56 0.01	19.35 0.57 0.01	23.30 0.75 0.01	30.95 0.94 0.00	28.26 1.13 0.00	27.06 1.19 -0.01	23.31 1.14 -0.01	26.18 1.43 -0.01	29.17 1.60 -0.01	33.38 1.77 0.00	33.66 1.89 0.00	33.51 1.89 0.00	31.47 1.90 0.00	31.99 2.06 0.00	35.22 1.97 0.00	39.02 1.86 0.00	39.46 1.54 0.01	43.89 1.53 0.01	39.94 1.39 0.00	33.43 1.27 0.00	29.91 1.02 0.00
ASTORIA_GT3_3 24100	25.20 0.99 0.00	19.09 0.57 0.01	18.96 0.55 0.01	19.93 0.56 0.01	19.35 0.57 0.01	23.30 0.75 0.01	30.95 0.94 0.00	28.26 1.13 0.00	27.06 1.19 -0.01	23.31 1.14 -0.01	26.18 1.43 -0.01	29.17 1.60 -0.01	33.38 1.77 0.00	33.66 1.89 0.00	33.51 1.89 0.00	31.47 1.90 0.00	31.99 2.06 0.00	35.22 1.97 0.00	39.02 1.86 0.00	39.46 1.54 0.01	43.89 1.53 0.01	39.94 1.39 0.00	33.43 1.27 0.00	29.91 1.02 0.00
ASTORIA_GT3_4 24101	25.20 0.99 0.00	19.09 0.57 0.01	18.96 0.55 0.01	19.93 0.56 0.01	19.35 0.57 0.01	23.30 0.75 0.01	30.95 0.94 0.00	28.26 1.13 0.00	27.06 1.19 -0.01	23.31 1.14 -0.01	26.18 1.43 -0.01	29.17 1.60 -0.01	33.38 1.77 0.00	33.66 1.89 0.00	33.51 1.89 0.00	31.47 1.90 0.00	31.99 2.06 0.00	35.22 1.97 0.00	39.02 1.86 0.00	39.46 1.54 0.01	43.89 1.53 0.01	39.94 1.39 0.00	33.43 1.27 0.00	29.91 1.02 0.00
ASTORIA_GT4_1 24102	25.20 0.99 0.00	19.09 0.57 0.01	18.96 0.55 0.01	19.93 0.56 0.01	19.35 0.57 0.01	23.30 0.75 0.01	30.95 0.94 0.00	28.26 1.13 0.00	27.06 1.19 -0.01	23.31 1.14 -0.01	26.18 1.43 -0.01	29.17 1.60 -0.01	33.38 1.77 0.00	33.66 1.89 0.00	33.51 1.89 0.00	31.47 1.90 0.00	31.99 2.06 0.00	35.22 1.97 0.00	39.02 1.86 0.00	39.46 1.54 0.01	43.89 1.53 0.01	39.94 1.39 0.00	33.43 1.27 0.00	29.91 1.02 0.00
ASTORIA_GT4_2 24103	25.20 0.99 0.00	19.09 0.57 0.01	18.96 0.55 0.01	19.93 0.56 0.01	19.35 0.57 0.01	23.30 0.75 0.01	30.95 0.94 0.00	28.26 1.13 0.00	27.06 1.19 -0.01	23.31 1.14 -0.01	26.18 1.43 -0.01	29.17 1.60 -0.01	33.38 1.77 0.00	33.66 1.89 0.00	33.51 1.89 0.00	31.47 1.90 0.00	31.99 2.06 0.00	35.22 1.97 0.00	39.02 1.86 0.00	39.46 1.54 0.01	43.89 1.53 0.01	39.94 1.39 0.00	33.43 1.27 0.00	29.91 1.02 0.00
ASTORIA_GT4_3 24104	25.20 0.99 0.00	19.09 0.57 0.01	18.96 0.55 0.01	19.93 0.56 0.01	19.35 0.57 0.01	23.30 0.75 0.01	30.95 0.94 0.00	28.26 1.13 0.00	27.06 1.19 -0.01	23.31 1.14 -0.01	26.18 1.43 -0.01	29.17 1.60 -0.01	33.38 1.77 0.00	33.66 1.89 0.00	33.51 1.89 0.00	31.47 1.90 0.00	31.99 2.06 0.00	35.22 1.97 0.00	39.02 1.86 0.00	39.46 1.54 0.01	43.89 1.53 0.01	39.94 1.39 0.00	33.43 1.27 0.00	29.91 1.02 0.00

ASTORIA_GT4_4 24105	25.20 0.99 0.00	19.09 0.57 0.01	18.96 0.55 0.01	19.93 0.56 0.01	19.35 0.57 0.01	23.30 0.75 0.01	30.95 0.94 0.00	28.26 1.13 0.00	27.06 1.19 -0.01	23.31 1.14 -0.01	26.18 1.43 -0.01	29.17 1.60 -0.01	33.38 1.77 0.00	33.66 1.89 0.00	33.51 1.89 0.00	31.47 1.90 0.00	31.99 2.06 0.00	35.22 1.97 0.00	39.02 1.86 0.00	39.46 1.54 0.01	43.89 1.53 0.01	39.94 1.39 0.00	33.43 1.27 0.00	29.91 1.02 0.00
ASTORIA_GT_1 23523	25.23 1.02 0.00	19.11 0.59 0.01	18.99 0.57 0.01	19.95 0.59 0.01	19.37 0.59 0.01	23.33 0.78 0.01	30.99 0.98 0.00	28.31 1.18 0.00	27.11 1.23 -0.01	23.36 1.18 -0.01	26.23 1.48 -0.01	29.22 1.65 -0.01	33.44 1.83 0.00	33.72 1.95 0.00	33.57 1.96 0.00	31.52 1.96 0.00	32.05 2.11 0.00	35.28 2.04 0.00	39.09 1.93 0.00	39.53 1.61 0.01	43.95 1.60 0.01	39.99 1.44 0.00	33.49 1.33 0.00	29.95 1.06 0.00
ASTORIA_GT_10 24110	25.26 1.05 0.00	19.16 0.64 0.00	19.04 0.62 0.00	20.00 0.62 0.00	19.42 0.63 0.00	23.39 0.82 0.00	31.01 1.00 0.00	28.29 1.16 0.00	27.12 1.24 -0.01	23.38 1.21 -0.01	26.26 1.52 -0.01	29.26 1.69 -0.01	33.47 1.86 0.00	33.75 1.98 0.00	33.59 1.97 0.00	31.58 2.01 0.00	32.08 2.14 0.00	35.41 2.17 0.00	39.26 2.09 0.00	39.64 1.72 0.00	44.08 1.72 0.00	40.10 1.55 0.00	33.49 1.33 0.00	29.96 1.07 0.00
ASTORIA_GT_11 24225	25.26 1.05 0.00	19.16 0.64 0.00	19.04 0.62 0.00	20.00 0.62 0.00	19.42 0.63 0.00	23.39 0.82 0.00	31.01 1.00 0.00	28.29 1.16 0.00	27.12 1.24 -0.01	23.38 1.21 -0.01	26.26 1.52 -0.01	29.26 1.69 -0.01	33.47 1.86 0.00	33.75 1.98 0.00	33.59 1.97 0.00	31.58 2.01 0.00	32.08 2.14 0.00	35.41 2.17 0.00	39.26 2.09 0.00	39.64 1.72 0.00	44.08 1.72 0.00	40.10 1.55 0.00	33.49 1.33 0.00	29.96 1.07 0.00
ASTORIA_GT_12 24226	25.26 1.05 0.00	19.16 0.64 0.00	19.04 0.62 0.00	20.00 0.62 0.00	19.42 0.63 0.00	23.39 0.82 0.00	31.01 1.00 0.00	28.29 1.16 0.00	27.12 1.24 -0.01	23.38 1.21 -0.01	26.26 1.52 -0.01	29.26 1.69 -0.01	33.47 1.86 0.00	33.75 1.98 0.00	33.59 1.97 0.00	31.58 2.01 0.00	32.08 2.14 0.00	35.41 2.17 0.00	39.26 2.09 0.00	39.64 1.72 0.00	44.08 1.72 0.00	40.10 1.55 0.00	33.49 1.33 0.00	29.96 1.07 0.00
ASTORIA_GT_13 24227	25.26 1.05 0.00	19.16 0.64 0.00	19.04 0.62 0.00	20.00 0.62 0.00	19.42 0.63 0.00	23.39 0.82 0.00	31.01 1.00 0.00	28.29 1.16 0.00	27.12 1.24 -0.01	23.38 1.21 -0.01	26.26 1.52 -0.01	29.26 1.69 -0.01	33.47 1.86 0.00	33.75 1.98 0.00	33.59 1.97 0.00	31.58 2.01 0.00	32.08 2.14 0.00	35.41 2.17 0.00	39.26 2.09 0.00	39.64 1.72 0.00	44.08 1.72 0.00	40.10 1.55 0.00	33.49 1.33 0.00	29.96 1.07 0.00
ASTORIA_GT_5 24106	25.23 1.02 0.00	19.11 0.59 0.01	18.99 0.57 0.01	19.95 0.59 0.01	19.37 0.59 0.01	23.33 0.78 0.01	30.99 0.98 0.00	28.31 1.18 0.00	27.11 1.23 -0.01	23.36 1.18 -0.01	26.23 1.48 -0.01	29.22 1.65 -0.01	33.44 1.83 0.00	33.72 1.95 0.00	33.57 1.96 0.00	31.52 1.96 0.00	32.05 2.11 0.00	35.28 2.04 0.00	39.09 1.93 0.00	39.53 1.61 0.01	43.95 1.60 0.01	39.99 1.44 0.00	33.49 1.33 0.00	29.95 1.06 0.00
ASTORIA_GT_7 24107	25.23 1.02 0.00	19.11 0.59 0.01	18.99 0.57 0.01	19.95 0.59 0.01	19.37 0.59 0.01	23.33 0.78 0.01	30.99 0.98 0.00	28.31 1.18 0.00	27.11 1.23 -0.01	23.36 1.18 -0.01	26.23 1.48 -0.01	29.22 1.65 -0.01	33.44 1.83 0.00	33.72 1.95 0.00	33.57 1.96 0.00	31.52 1.96 0.00	32.05 2.11 0.00	35.28 2.04 0.00	39.09 1.93 0.00	39.53 1.61 0.01	43.95 1.60 0.01	39.99 1.44 0.00	33.49 1.33 0.00	29.95 1.06 0.00
ASTORIA_GT_8 24108	25.23 1.02 0.00	19.11 0.59 0.01	18.99 0.57 0.01	19.95 0.59 0.01	19.37 0.59 0.01	23.33 0.78 0.01	30.99 0.98 0.00	28.31 1.18 0.00	27.11 1.23 -0.01	23.36 1.18 -0.01	26.23 1.48 -0.01	29.22 1.65 -0.01	33.44 1.83 0.00	33.72 1.95 0.00	33.57 1.96 0.00	31.52 1.96 0.00	32.05 2.11 0.00	35.28 2.04 0.00	39.09 1.93 0.00	39.53 1.61 0.01	43.95 1.60 0.01	39.99 1.44 0.00	33.49 1.33 0.00	29.95 1.06 0.00
ASTORIA___2 24149	25.20 0.99 0.00	19.09 0.57 0.01	18.96 0.55 0.01	19.93 0.56 0.01	19.35 0.57 0.01	23.30 0.75 0.01	30.96 0.95 0.00	28.26 1.13 0.00	27.06 1.19 -0.01	23.31 1.14 -0.01	26.18 1.43 -0.01	29.16 1.60 -0.01	33.38 1.77 0.00	33.63 1.86 0.00	33.48 1.86 0.00	31.46 1.89 0.00	31.98 2.05 0.00	35.18 1.93 0.00	39.00 1.84 0.00	39.41 1.50 0.01	43.82 1.47 0.01	39.93 1.38 0.00	33.39 1.23 0.00	29.90 1.01 0.00
ASTORIA___3 23516	25.26 1.05 0.00	19.16 0.64 0.00	19.04 0.62 0.00	20.00 0.62 0.00	19.42 0.63 0.00	23.39 0.82 0.00	31.03 1.01 0.00	28.28 1.16 0.00	27.12 1.24 -0.01	23.38 1.21 -0.01	26.27 1.52 -0.01	29.25 1.68 -0.01	33.47 1.86 0.00	33.73 1.97 0.00	33.58 1.96 0.00	31.57 2.00 0.00	32.06 2.13 0.00	35.39 2.15 0.00	39.25 2.08 0.00	39.63 1.71 0.00	44.05 1.69 0.00	40.09 1.54 0.00	33.47 1.31 0.00	29.96 1.07 0.00
ASTORIA___4 23517	25.26 1.05 0.00	19.16 0.64 0.00	19.04 0.62 0.00	20.00 0.62 0.00	19.42 0.63 0.00	23.39 0.82 0.00	31.01 1.00 0.00	28.29 1.16 0.00	27.12 1.24 -0.01	23.38 1.21 -0.01	26.26 1.52 -0.01	29.26 1.69 -0.01	33.47 1.86 0.00	33.75 1.98 0.00	33.59 1.97 0.00	31.58 2.01 0.00	32.08 2.14 0.00	35.41 2.17 0.00	39.26 2.09 0.00	39.64 1.72 0.00	44.08 1.72 0.00	40.10 1.55 0.00	33.49 1.33 0.00	29.96 1.07 0.00
ASTORIA___5 23518	25.26 1.05 0.00	19.16 0.64 0.00	19.04 0.62 0.00	20.00 0.62 0.00	19.42 0.63 0.00	23.39 0.82 0.00	31.03 1.01 0.00	28.28 1.16 0.00	27.12 1.24 -0.01	23.38 1.21 -0.01	26.27 1.52 -0.01	29.25 1.68 -0.01	33.47 1.86 0.00	33.73 1.97 0.00	33.58 1.96 0.00	31.57 2.00 0.00	32.06 2.13 0.00	35.39 2.15 0.00	39.25 2.08 0.00	39.63 1.71 0.00	44.05 1.69 0.00	40.09 1.54 0.00	33.47 1.31 0.00	29.96 1.07 0.00
AST_ENERGY_2_CC3 323677	25.17 0.96 0.00	19.09 0.56 0.00	18.97 0.55 0.00	19.93 0.55 0.00	19.36 0.57 0.00	23.30 0.74 0.00	16.05 0.94 14.90	28.18 1.06 0.00	27.01 1.13 0.00	23.28 1.11 0.00	26.15 1.41 0.00	29.14 1.57 0.00	31.49 1.78 1.90	31.49 1.87 2.15	31.38 1.86 2.10	30.99 1.91 0.49	31.45 2.05 0.53	31.49 2.11 3.87	31.34 2.07 7.89	31.34 1.70 8.28	31.34 1.71 12.74	31.34 1.51 8.72	31.34 1.29 2.11	29.66 1.00 0.24
AST_ENERGY_2_CC4 323678	25.17 0.96 0.00	19.09 0.56 0.00	18.97 0.55 0.00	19.93 0.55 0.00	19.36 0.57 0.00	23.30 0.74 0.00	16.05 0.94 14.90	28.18 1.06 0.00	27.01 1.13 0.00	23.28 1.11 0.00	26.15 1.41 0.00	29.14 1.57 0.00	31.49 1.78 1.90	31.49 1.87 2.15	31.38 1.86 2.10	30.99 1.91 0.49	31.45 2.05 0.53	31.49 2.11 3.87	31.34 2.07 7.89	31.34 1.70 8.28	31.34 1.71 12.74	31.34 1.51 8.72	31.34 1.29 2.11	29.66 1.00 0.24

ATHENS_STG_1 23668	24.81 0.60 0.00	18.92 0.40 0.00	18.83 0.40 0.00	19.79 0.42 0.00	19.20 0.41 0.00	23.04 0.48 0.00	30.62 0.61 0.00	27.76 0.63 0.00	26.45 0.58 0.00	22.73 0.56 0.00	25.47 0.73 0.00	28.37 0.80 0.00	32.52 0.91 0.00	32.70 0.94 0.00	32.55 0.94 0.00	30.50 0.94 0.00	30.93 1.00 0.00	34.32 1.08 0.00	38.30 1.14 0.00	38.95 1.02 0.00	43.42 1.06 0.00	39.49 0.94 0.00	32.96 0.80 0.00	29.55 0.65 0.00
ATHENS_STG_2 23670	24.81 0.60 0.00	18.92 0.40 0.00	18.83 0.40 0.00	19.79 0.42 0.00	19.20 0.41 0.00	23.04 0.48 0.00	30.62 0.61 0.00	27.76 0.63 0.00	26.45 0.58 0.00	22.73 0.56 0.00	25.47 0.73 0.00	28.37 0.80 0.00	32.52 0.91 0.00	32.70 0.94 0.00	32.55 0.94 0.00	30.50 0.94 0.00	30.93 1.00 0.00	34.32 1.08 0.00	38.30 1.14 0.00	38.95 1.02 0.00	43.42 1.06 0.00	39.49 0.94 0.00	32.96 0.80 0.00	29.55 0.65 0.00
ATHENS_STG_3 23677	24.81 0.60 0.00	18.92 0.40 0.00	18.83 0.40 0.00	19.79 0.42 0.00	19.20 0.41 0.00	23.04 0.48 0.00	30.62 0.61 0.00	27.76 0.63 0.00	26.45 0.58 0.00	22.73 0.56 0.00	25.47 0.73 0.00	28.37 0.80 0.00	32.52 0.91 0.00	32.70 0.94 0.00	32.55 0.94 0.00	30.50 0.94 0.00	30.93 1.00 0.00	34.32 1.08 0.00	38.30 1.14 0.00	38.95 1.02 0.00	43.42 1.06 0.00	39.49 0.94 0.00	32.96 0.80 0.00	29.55 0.65 0.00
AUBURN___LFGE 323710	23.86 -0.36 0.00	18.28 -0.24 0.00	18.16 -0.26 0.00	19.18 -0.20 0.00	18.64 -0.15 0.00	22.42 -0.14 0.00	29.77 -0.25 0.00	26.83 -0.30 0.00	25.44 -0.44 0.00	21.77 -0.39 0.00	24.26 -0.50 -0.02	27.05 -0.52 -0.01	31.23 -0.50 -0.13	32.07 -0.52 -0.82	33.19 -0.50 -2.08	29.83 -0.53 -0.79	31.66 -0.48 -2.21	35.04 -0.61 -2.41	39.33 -0.53 -2.69	39.10 -0.44 -1.62	42.63 -0.37 -0.63	40.64 -0.21 -2.30	32.69 -0.33 -0.86	28.76 -0.23 -0.09
BABYLON_RES_REC 323704	25.79 1.47 -0.11	19.68 0.94 -0.21	19.40 0.97 0.00	20.36 0.98 0.00	19.91 0.99 -0.13	23.79 1.23 0.00	31.64 1.63 0.00	28.64 1.52 0.00	27.36 1.49 0.00	23.65 1.49 0.00	26.50 1.76 0.00	29.43 1.86 0.00	33.68 2.08 0.00	34.01 2.25 0.00	33.70 2.08 0.00	32.07 2.14 -0.36	32.37 2.43 -0.01	36.75 2.66 -0.85	39.53 2.37 0.00	40.10 2.18 0.00	44.79 2.43 0.00	40.86 2.30 0.00	34.19 2.03 0.00	30.53 1.64 0.00
BALL_HILL_WT_PWR 323825	21.84 -2.37 0.00	17.00 -1.53 0.00	16.82 -1.60 0.00	17.81 -1.57 0.00	17.29 -1.50 0.00	20.80 -1.76 0.00	27.66 -2.36 0.00	24.58 -2.54 0.00	23.86 -2.01 0.00	20.45 -1.72 0.00	22.58 -2.06 0.10	25.22 -2.30 0.04	28.50 -2.37 0.73	24.63 -2.46 4.68	17.33 -2.47 11.82	22.79 -2.37 4.40	14.90 -2.45 12.58	16.94 -2.61 13.70	18.55 -3.29 15.32	25.40 -3.31 9.21	35.02 -3.76 3.58	22.19 -3.27 13.09	24.52 -2.74 4.90	25.97 -2.40 0.52
BARON_WINDS___WT_PWR 323822	22.72 -1.49 0.00	17.61 -0.92 0.00	17.51 -0.92 0.00	18.51 -0.86 0.00	17.95 -0.84 0.00	21.63 -0.93 0.00	28.72 -1.30 0.00	25.48 -1.65 0.00	24.35 -1.52 0.00	20.88 -1.29 0.00	22.68 -1.59 0.47	25.61 -1.78 0.17	26.53 -1.82 3.26	9.13 -1.87 20.77	-22.71 -1.85 52.48	7.88 -1.80 19.88	-27.53 -1.62 55.84	-29.16 -1.60 60.81	-32.57 -1.72 68.02	-4.43 -1.44 40.91	25.05 -1.40 15.92	-20.98 -1.42 58.11	8.97 -1.44 21.75	25.14 -1.43 2.32
BARRETT_IC_1 23704	25.35 1.13 0.00	19.23 0.71 0.00	19.14 0.72 0.00	20.09 0.72 0.00	19.52 0.73 0.00	23.47 0.91 0.00	31.22 1.20 0.00	28.30 1.17 0.00	27.06 1.19 0.00	23.40 1.23 0.00	26.24 1.50 0.00	29.19 1.63 0.00	33.44 1.83 0.00	33.76 1.99 0.00	33.45 1.84 0.00	31.81 1.91 -0.34	32.05 2.12 -0.01	36.23 2.18 -0.80	39.08 1.92 0.00	39.62 1.69 0.00	44.20 1.83 0.00	40.27 1.72 0.00	33.71 1.55 0.00	30.15 1.26 0.00
BARRETT_IC_10 23701	25.35 1.13 0.00	19.23 0.71 0.00	19.14 0.72 0.00	20.09 0.72 0.00	19.52 0.73 0.00	23.47 0.91 0.00	31.22 1.20 0.00	28.30 1.17 0.00	27.06 1.19 0.00	23.40 1.23 0.00	26.24 1.50 0.00	29.19 1.63 0.00	33.44 1.83 0.00	33.76 1.99 0.00	33.45 1.84 0.00	31.81 1.91 -0.34	32.05 2.12 -0.01	36.23 2.18 -0.80	39.08 1.92 0.00	39.62 1.69 0.00	44.20 1.83 0.00	40.27 1.72 0.00	33.71 1.55 0.00	30.15 1.26 0.00
BARRETT_IC_11 23702	25.35 1.13 0.00	19.23 0.71 0.00	19.14 0.72 0.00	20.09 0.72 0.00	19.52 0.73 0.00	23.47 0.91 0.00	31.22 1.20 0.00	28.30 1.17 0.00	27.06 1.19 0.00	23.40 1.23 0.00	26.24 1.50 0.00	29.19 1.63 0.00	33.44 1.83 0.00	33.76 1.99 0.00	33.45 1.84 0.00	31.81 1.91 -0.34	32.05 2.12 -0.01	36.23 2.18 -0.80	39.08 1.92 0.00	39.62 1.69 0.00	44.20 1.83 0.00	40.27 1.72 0.00	33.71 1.55 0.00	30.15 1.26 0.00
BARRETT_IC_12 23703	25.35 1.13 0.00	19.23 0.71 0.00	19.14 0.72 0.00	20.09 0.72 0.00	19.52 0.73 0.00	23.47 0.91 0.00	31.22 1.20 0.00	28.30 1.17 0.00	27.06 1.19 0.00	23.40 1.23 0.00	26.24 1.50 0.00	29.19 1.63 0.00	33.44 1.83 0.00	33.76 1.99 0.00	33.45 1.84 0.00	31.81 1.91 -0.34	32.05 2.12 -0.01	36.23 2.18 -0.80	39.08 1.92 0.00	39.62 1.69 0.00	44.20 1.83 0.00	40.27 1.72 0.00	33.71 1.55 0.00	30.15 1.26 0.00
BARRETT_IC_2 23705	25.35 1.13 0.00	19.23 0.71 0.00	19.14 0.72 0.00	20.09 0.72 0.00	19.52 0.73 0.00	23.47 0.91 0.00	31.22 1.20 0.00	28.30 1.17 0.00	27.06 1.19 0.00	23.40 1.23 0.00	26.24 1.50 0.00	29.19 1.63 0.00	33.44 1.83 0.00	33.76 1.99 0.00	33.45 1.84 0.00	31.81 1.91 -0.34	32.05 2.12 -0.01	36.23 2.18 -0.80	39.08 1.92 0.00	39.62 1.69 0.00	44.20 1.83 0.00	40.27 1.72 0.00	33.71 1.55 0.00	30.15 1.26 0.00
BARRETT_IC_3 23706	25.35 1.13 0.00	19.23 0.71 0.00	19.14 0.72 0.00	20.09 0.72 0.00	19.52 0.73 0.00	23.47 0.91 0.00	31.22 1.20 0.00	28.30 1.17 0.00	27.06 1.19 0.00	23.40 1.23 0.00	26.24 1.50 0.00	29.19 1.63 0.00	33.44 1.83 0.00	33.76 1.99 0.00	33.45 1.84 0.00	31.81 1.91 -0.34	32.05 2.12 -0.01	36.23 2.18 -0.80	39.08 1.92 0.00	39.62 1.69 0.00	44.20 1.83 0.00	40.27 1.72 0.00	33.71 1.55 0.00	30.15 1.26 0.00
BARRETT_IC_4 23707	25.35 1.13 0.00	19.23 0.71 0.00	19.14 0.72 0.00	20.09 0.72 0.00	19.52 0.73 0.00	23.47 0.91 0.00	31.22 1.20 0.00	28.30 1.17 0.00	27.06 1.19 0.00	23.40 1.23 0.00	26.24 1.50 0.00	29.19 1.63 0.00	33.44 1.83 0.00	33.76 1.99 0.00	33.45 1.84 0.00	31.81 1.91 -0.34	32.05 2.12 -0.01	36.23 2.18 -0.80	39.08 1.92 0.00	39.62 1.69 0.00	44.20 1.83 0.00	40.27 1.72 0.00	33.71 1.55 0.00	30.15 1.26 0.00
BARRETT_IC_5 23708	25.35 1.13 0.00	19.23 0.71 0.00	19.14 0.72 0.00	20.09 0.72 0.00	19.52 0.73 0.00	23.47 0.91 0.00	31.22 1.20 0.00	28.30 1.17 0.00	27.06 1.19 0.00	23.40 1.23 0.00	26.24 1.50 0.00	29.19 1.63 0.00	33.44 1.83 0.00	33.76 1.99 0.00	33.45 1.84 0.00	31.81 1.91 -0.34	32.05 2.12 -0.01	36.23 2.18 -0.80	39.08 1.92 0.00	39.62 1.69 0.00	44.20 1.83 0.00	40.27 1.72 0.00	33.71 1.55 0.00	30.15 1.26 0.00

BARRETT_IC_6 23709	25.35 1.13 0.00	19.23 0.71 0.00	19.14 0.72 0.00	20.09 0.72 0.00	19.52 0.73 0.00	23.47 0.91 0.00	31.22 1.20 0.00	28.30 1.17 0.00	27.06 1.19 0.00	23.40 1.23 0.00	26.24 1.50 0.00	29.19 1.63 0.00	33.44 1.83 0.00	33.76 1.99 0.00	33.45 1.84 0.00	31.81 1.91 -0.34	32.05 2.12 -0.01	36.23 2.18 -0.80	39.08 1.92 0.00	39.62 1.69 0.00	44.20 1.83 0.00	40.27 1.72 0.00	33.71 1.55 0.00	30.15 1.26 0.00
BARRETT_IC_7 23710	25.35 1.14 0.00	19.23 0.71 0.00	19.14 0.72 0.00	20.09 0.72 0.00	19.52 0.73 0.00	23.47 0.91 0.00	31.21 1.19 0.00	28.30 1.17 0.00	27.06 1.19 0.00	23.40 1.23 0.00	26.24 1.50 0.00	29.19 1.63 0.00	33.44 1.83 0.00	33.77 2.00 0.00	33.46 1.85 0.00	31.82 1.92 -0.34	32.06 2.12 -0.01	36.24 2.19 -0.80	39.09 1.93 0.00	39.62 1.70 0.00	44.20 1.83 0.00	40.27 1.72 0.00	33.72 1.56 0.00	30.15 1.26 0.00
BARRETT_IC_8 23711	25.35 1.13 0.00	19.23 0.71 0.00	19.14 0.72 0.00	20.09 0.72 0.00	19.52 0.73 0.00	23.47 0.91 0.00	31.22 1.20 0.00	28.30 1.17 0.00	27.06 1.19 0.00	23.40 1.23 0.00	26.24 1.50 0.00	29.19 1.63 0.00	33.44 1.83 0.00	33.76 1.99 0.00	33.45 1.84 0.00	31.81 1.91 -0.34	32.05 2.12 -0.01	36.23 2.18 -0.80	39.08 1.92 0.00	39.62 1.69 0.00	44.20 1.83 0.00	40.27 1.72 0.00	33.71 1.55 0.00	30.15 1.26 0.00
BARRETT_IC_9 23700	25.35 1.13 0.00	19.23 0.71 0.00	19.14 0.72 0.00	20.09 0.72 0.00	19.52 0.73 0.00	23.47 0.91 0.00	31.22 1.20 0.00	28.30 1.17 0.00	27.06 1.19 0.00	23.40 1.23 0.00	26.24 1.50 0.00	29.19 1.63 0.00	33.44 1.83 0.00	33.76 1.99 0.00	33.45 1.84 0.00	31.81 1.91 -0.34	32.05 2.12 -0.01	36.23 2.18 -0.80	39.08 1.92 0.00	39.62 1.69 0.00	44.20 1.83 0.00	40.27 1.72 0.00	33.71 1.55 0.00	30.15 1.26 0.00
BARRETT___1 23545	25.35 1.13 0.00	19.23 0.71 0.00	19.14 0.72 0.00	20.09 0.72 0.00	19.52 0.73 0.00	23.47 0.91 0.00	31.22 1.20 0.00	28.30 1.17 0.00	27.06 1.19 0.00	23.40 1.23 0.00	26.24 1.50 0.00	29.19 1.63 0.00	33.44 1.83 0.00	33.76 1.99 0.00	33.45 1.84 0.00	31.81 1.91 -0.34	32.05 2.12 -0.01	36.23 2.18 -0.80	39.08 1.92 0.00	39.62 1.69 0.00	44.20 1.83 0.00	40.27 1.72 0.00	33.71 1.55 0.00	30.15 1.26 0.00
BARRETT___2 23546	25.35 1.13 0.00	19.23 0.71 0.00	19.14 0.72 0.00	20.09 0.72 0.00	19.52 0.73 0.00	23.47 0.91 0.00	31.22 1.20 0.00	28.30 1.17 0.00	27.06 1.19 0.00	23.40 1.23 0.00	26.24 1.50 0.00	29.19 1.63 0.00	33.44 1.83 0.00	33.76 1.99 0.00	33.45 1.84 0.00	31.81 1.91 -0.34	32.05 2.12 -0.01	36.23 2.18 -0.80	39.08 1.92 0.00	39.62 1.69 0.00	44.20 1.83 0.00	40.27 1.72 0.00	33.71 1.55 0.00	30.15 1.26 0.00
BATAVIA__115KV_TB1 55881	22.21 -2.01 0.00	17.19 -1.34 0.00	17.03 -1.39 0.00	17.95 -1.43 0.00	17.46 -1.33 0.00	21.02 -1.54 0.00	27.99 -2.03 0.00	24.93 -2.20 0.00	23.90 -1.97 0.00	20.38 -1.79 0.00	22.57 -2.12 0.06	25.16 -2.39 0.02	28.63 -2.57 0.41	26.60 -2.56 2.60	22.50 -2.54 6.58	24.63 -2.49 2.44	20.47 -2.46 7.00	22.98 -2.64 7.62	25.48 -3.15 8.53	29.88 -2.91 5.13	37.38 -2.99 2.00	28.88 -2.38 7.28	27.49 -1.94 2.73	26.86 -1.74 0.29
BAYONEEC___CTG1 323682	25.20 0.98 0.00	19.11 0.58 0.00	18.99 0.56 0.00	19.95 0.57 0.00	19.37 0.58 0.00	23.32 0.76 0.00	30.97 0.96 0.00	28.21 1.08 0.00	27.03 1.16 0.00	23.30 1.13 0.00	26.19 1.44 0.00	29.17 1.61 0.00	33.43 1.82 0.00	33.69 1.92 0.00	33.52 1.90 0.00	31.52 1.95 0.00	32.03 2.09 0.00	35.40 2.16 0.00	39.30 2.13 0.00	39.69 1.77 0.00	44.13 1.77 0.00	40.11 1.56 0.00	33.48 1.32 0.00	29.93 1.04 0.00
BAYONEEC___CTG10 323750	25.20 0.98 0.00	19.11 0.58 0.00	18.99 0.56 0.00	19.95 0.57 0.00	19.37 0.58 0.00	23.32 0.76 0.00	30.97 0.96 0.00	28.21 1.08 0.00	27.03 1.16 0.00	23.30 1.13 0.00	26.19 1.44 0.00	29.17 1.61 0.00	33.43 1.82 0.00	33.69 1.92 0.00	33.52 1.90 0.00	31.52 1.95 0.00	32.03 2.09 0.00	35.40 2.16 0.00	39.30 2.13 0.00	39.69 1.77 0.00	44.13 1.77 0.00	40.11 1.56 0.00	33.48 1.32 0.00	29.93 1.04 0.00
BAYONEEC___CTG2 323683	25.20 0.98 0.00	19.11 0.58 0.00	18.99 0.56 0.00	19.95 0.57 0.00	19.37 0.58 0.00	23.32 0.76 0.00	30.97 0.96 0.00	28.21 1.08 0.00	27.03 1.16 0.00	23.30 1.13 0.00	26.19 1.44 0.00	29.17 1.61 0.00	33.43 1.82 0.00	33.69 1.92 0.00	33.52 1.90 0.00	31.52 1.95 0.00	32.03 2.09 0.00	35.40 2.16 0.00	39.30 2.13 0.00	39.69 1.77 0.00	44.13 1.77 0.00	40.11 1.56 0.00	33.48 1.32 0.00	29.93 1.04 0.00
BAYONEEC___CTG3 323684	25.20 0.98 0.00	19.11 0.58 0.00	18.99 0.56 0.00	19.95 0.57 0.00	19.37 0.58 0.00	23.32 0.76 0.00	30.97 0.96 0.00	28.21 1.08 0.00	27.03 1.16 0.00	23.30 1.13 0.00	26.19 1.44 0.00	29.17 1.61 0.00	33.43 1.82 0.00	33.69 1.92 0.00	33.52 1.90 0.00	31.52 1.95 0.00	32.03 2.09 0.00	35.40 2.16 0.00	39.30 2.13 0.00	39.69 1.77 0.00	44.13 1.77 0.00	40.11 1.56 0.00	33.48 1.32 0.00	29.93 1.04 0.00
BAYONEEC___CTG4 323685	25.20 0.98 0.00	19.11 0.58 0.00	18.99 0.56 0.00	19.95 0.57 0.00	19.37 0.58 0.00	23.32 0.76 0.00	30.97 0.96 0.00	28.21 1.08 0.00	27.03 1.16 0.00	23.30 1.13 0.00	26.19 1.44 0.00	29.17 1.61 0.00	33.43 1.82 0.00	33.69 1.92 0.00	33.52 1.90 0.00	31.52 1.95 0.00	32.03 2.09 0.00	35.40 2.16 0.00	39.30 2.13 0.00	39.69 1.77 0.00	44.13 1.77 0.00	40.11 1.56 0.00	33.48 1.32 0.00	29.93 1.04 0.00
BAYONEEC___CTG5 323686	25.20 0.98 0.00	19.11 0.58 0.00	18.99 0.56 0.00	19.95 0.57 0.00	19.37 0.58 0.00	23.32 0.76 0.00	30.97 0.96 0.00	28.21 1.08 0.00	27.03 1.16 0.00	23.30 1.13 0.00	26.19 1.44 0.00	29.17 1.61 0.00	33.43 1.82 0.00	33.69 1.92 0.00	33.52 1.90 0.00	31.52 1.95 0.00	32.03 2.09 0.00	35.40 2.16 0.00	39.30 2.13 0.00	39.69 1.77 0.00	44.13 1.77 0.00	40.11 1.56 0.00	33.48 1.32 0.00	29.93 1.04 0.00
BAYONEEC___CTG6 323687	25.20 0.98 0.00	19.11 0.58 0.00	18.99 0.56 0.00	19.95 0.57 0.00	19.37 0.58 0.00	23.32 0.76 0.00	30.97 0.96 0.00	28.21 1.08 0.00	27.03 1.16 0.00	23.30 1.13 0.00	26.19 1.44 0.00	29.17 1.61 0.00	33.43 1.82 0.00	33.69 1.92 0.00	33.52 1.90 0.00	31.52 1.95 0.00	32.03 2.09 0.00	35.40 2.16 0.00	39.30 2.13 0.00	39.69 1.77 0.00	44.13 1.77 0.00	40.11 1.56 0.00	33.48 1.32 0.00	29.93 1.04 0.00
BAYONEEC___CTG7 323688	25.20 0.98 0.00	19.11 0.58 0.00	18.99 0.56 0.00	19.95 0.57 0.00	19.37 0.58 0.00	23.32 0.76 0.00	30.97 0.96 0.00	28.21 1.08 0.00	27.03 1.16 0.00	23.30 1.13 0.00	26.19 1.44 0.00	29.17 1.61 0.00	33.43 1.82 0.00	33.69 1.92 0.00	33.52 1.90 0.00	31.52 1.95 0.00	32.03 2.09 0.00	35.40 2.16 0.00	39.30 2.13 0.00	39.69 1.77 0.00	44.13 1.77 0.00	40.11 1.56 0.00	33.48 1.32 0.00	29.93 1.04 0.00

BAYONEEC___CTG8 323689	25.20 0.98 0.00	19.11 0.58 0.00	18.99 0.56 0.00	19.95 0.57 0.00	19.37 0.58 0.00	23.32 0.76 0.00	30.97 0.96 0.00	28.21 1.08 0.00	27.03 1.16 0.00	23.30 1.13 0.00	26.19 1.44 0.00	29.17 1.61 0.00	33.43 1.82 0.00	33.69 1.92 0.00	33.52 1.90 0.00	31.52 1.95 0.00	32.03 2.09 0.00	35.40 2.16 0.00	39.30 2.13 0.00	39.69 1.77 0.00	44.13 1.77 0.00	40.11 1.56 0.00	33.48 1.32 0.00	29.93 1.04 0.00
BAYONEEC___CTG9 323749	25.20 0.98 0.00	19.11 0.58 0.00	18.99 0.56 0.00	19.95 0.57 0.00	19.37 0.58 0.00	23.32 0.76 0.00	30.97 0.96 0.00	28.21 1.08 0.00	27.03 1.16 0.00	23.30 1.13 0.00	26.19 1.44 0.00	29.17 1.61 0.00	33.43 1.82 0.00	33.69 1.92 0.00	33.52 1.90 0.00	31.52 1.95 0.00	32.03 2.09 0.00	35.40 2.16 0.00	39.30 2.13 0.00	39.69 1.77 0.00	44.13 1.77 0.00	40.11 1.56 0.00	33.48 1.32 0.00	29.93 1.04 0.00
BAYPORT_69_KV_BK 2 356364	27.84 1.75 -1.87	23.44 1.18 -3.74	19.63 1.21 0.00	20.61 1.24 0.00	22.33 1.25 -2.29	24.08 1.52 0.00	31.99 1.98 0.00	28.85 1.73 0.00	27.60 1.73 0.00	23.91 1.74 0.00	26.72 1.98 0.00	29.63 2.07 0.00	33.95 2.34 0.00	34.33 2.56 0.00	33.74 2.13 0.00	32.12 2.23 -0.33	32.52 2.58 -0.01	37.03 3.02 -0.77	39.83 2.67 0.00	40.45 2.53 0.00	45.27 2.91 0.00	41.23 2.68 0.00	34.59 2.43 0.00	30.91 2.02 0.00
BEACON___LESR 323632	24.94 0.73 0.00	19.07 0.54 0.00	18.98 0.55 0.00	19.95 0.58 0.00	19.35 0.55 0.00	23.17 0.61 0.00	30.66 0.65 0.00	27.74 0.62 0.00	26.39 0.52 0.00	22.64 0.47 0.00	25.38 0.64 0.00	28.27 0.71 0.00	32.37 0.76 0.00	32.48 0.71 0.00	32.35 0.73 0.00	30.22 0.66 0.00	30.60 0.67 0.00	34.08 0.83 0.00	38.21 1.05 0.00	38.96 1.04 0.00	43.45 1.09 0.00	39.51 0.96 0.00	33.01 0.85 0.00	29.71 0.82 0.00
BEAVER RIVER___HYD 24048	24.07 -0.14 0.00	18.41 -0.12 0.00	18.30 -0.13 0.00	19.20 -0.17 0.00	18.64 -0.15 0.00	22.34 -0.22 0.00	29.88 -0.14 0.00	26.65 -0.48 0.00	25.18 -0.69 0.00	21.49 -0.68 0.00	23.84 -0.90 0.00	26.37 -1.19 0.00	30.12 -1.49 0.00	30.24 -1.53 0.00	30.15 -1.47 0.00	28.19 -1.37 0.00	28.65 -1.28 0.00	31.94 -1.30 0.00	35.93 -1.23 0.00	37.05 -0.87 0.00	41.95 -0.42 0.00	38.19 -0.36 0.00	32.06 -0.10 0.00	28.91 0.02 0.00
BEEBEE_GT_13 23619	22.70 -1.51 0.00	17.49 -1.04 0.00	17.33 -1.09 0.00	18.25 -1.12 0.00	17.74 -1.05 0.00	21.35 -1.21 0.00	28.45 -1.56 0.00	25.58 -1.54 0.00	24.58 -1.29 0.00	21.02 -1.15 0.00	23.36 -1.36 0.02	26.02 -1.53 0.01	29.86 -1.62 0.13	29.27 -1.69 0.81	27.85 -1.72 2.05	27.20 -1.63 0.74	26.10 -1.66 2.18	29.13 -1.75 2.37	32.46 -2.05 2.66	34.31 -2.02 1.60	39.50 -2.24 0.62	34.32 -1.97 2.27	29.62 -1.69 0.85	27.37 -1.43 0.09
BENSHRST_27_KV_BENSHRST_1 355998	25.43 1.21 0.00	19.30 0.77 0.00	19.17 0.74 0.00	20.13 0.76 0.00	19.55 0.75 0.00	23.55 0.98 0.00	31.27 1.25 0.00	28.50 1.38 0.00	27.33 1.45 -0.01	23.54 1.36 -0.01	26.46 1.72 -0.01	29.49 1.92 -0.01	33.81 2.20 0.00	34.11 2.34 0.00	33.97 2.35 0.00	31.89 2.32 0.00	32.40 2.47 0.00	35.79 2.54 0.00	39.67 2.51 0.00	40.11 2.19 0.00	44.61 2.24 0.00	40.56 2.00 0.00	33.83 1.68 0.00	30.23 1.34 0.00
BETHLEHEM___GRP 23843	24.71 0.50 0.00	18.89 0.37 0.00	18.80 0.38 0.00	19.77 0.39 0.00	19.16 0.36 0.00	22.92 0.36 0.00	30.27 0.26 0.00	27.40 0.28 0.00	26.08 0.21 0.00	22.40 0.23 0.00	25.12 0.38 0.00	27.97 0.41 0.00	32.02 0.41 0.00	32.15 0.38 0.00	32.04 0.42 0.00	29.96 0.39 0.00	30.31 0.38 0.00	33.71 0.46 0.00	37.74 0.58 0.00	38.45 0.53 0.00	42.89 0.52 0.00	39.01 0.46 0.00	32.62 0.47 0.00	29.42 0.53 0.00
BETHLEHEM___GS1 323560	24.71 0.50 0.00	18.89 0.37 0.00	18.80 0.38 0.00	19.77 0.39 0.00	19.16 0.36 0.00	22.92 0.36 0.00	30.28 0.26 0.00	27.40 0.28 0.00	26.08 0.21 0.00	22.40 0.23 0.00	25.12 0.38 0.00	27.97 0.41 0.00	32.02 0.41 0.00	32.15 0.38 0.00	32.03 0.42 0.00	29.95 0.39 0.00	30.31 0.38 0.00	33.70 0.46 0.00	37.74 0.58 0.00	38.45 0.53 0.00	42.90 0.53 0.00	39.01 0.46 0.00	32.62 0.47 0.00	29.42 0.52 0.00
BETHLEHEM___GS2 323561	24.71 0.50 0.00	18.89 0.37 0.00	18.80 0.38 0.00	19.77 0.39 0.00	19.16 0.36 0.00	22.92 0.36 0.00	30.28 0.26 0.00	27.40 0.28 0.00	26.08 0.21 0.00	22.40 0.23 0.00	25.12 0.38 0.00	27.97 0.41 0.00	32.02 0.41 0.00	32.15 0.38 0.00	32.03 0.42 0.00	29.95 0.39 0.00	30.31 0.38 0.00	33.70 0.46 0.00	37.74 0.58 0.00	38.45 0.53 0.00	42.90 0.53 0.00	39.01 0.46 0.00	32.62 0.47 0.00	29.42 0.52 0.00
BETHLEHEM___GS3 323562	24.71 0.50 0.00	18.89 0.37 0.00	18.80 0.38 0.00	19.77 0.39 0.00	19.16 0.36 0.00	22.92 0.36 0.00	30.28 0.26 0.00	27.40 0.28 0.00	26.08 0.21 0.00	22.40 0.23 0.00	25.12 0.38 0.00	27.97 0.41 0.00	32.02 0.41 0.00	32.15 0.38 0.00	32.03 0.42 0.00	29.95 0.39 0.00	30.31 0.38 0.00	33.70 0.46 0.00	37.74 0.58 0.00	38.45 0.53 0.00	42.90 0.53 0.00	39.01 0.46 0.00	32.62 0.47 0.00	29.42 0.52 0.00
BETHLEHEM___STEEL 23779	21.82 -2.39 0.00	16.95 -1.58 0.00	16.79 -1.64 0.00	17.72 -1.66 0.00	17.21 -1.59 0.00	20.71 -1.85 0.00	27.58 -2.44 0.00	24.63 -2.50 0.00	23.88 -1.99 0.00	20.46 -1.71 0.00	22.60 -2.03 0.10	25.22 -2.30 0.04	28.51 -2.39 0.71	24.81 -2.41 4.54	17.72 -2.42 11.47	22.95 -2.34 4.27	15.36 -2.36 12.21	17.43 -2.52 13.30	19.16 -3.13 14.87	25.78 -3.20 8.95	35.24 -3.65 3.48	22.74 -3.10 12.71	24.82 -2.58 4.76	26.14 -2.25 0.51
BETHLHEM_115KV_TB1 79974	24.72 0.50 0.00	18.89 0.37 0.00	18.80 0.38 0.00	19.77 0.39 0.00	19.17 0.37 0.00	22.94 0.37 0.00	30.32 0.31 0.00	27.44 0.32 0.00	26.13 0.26 0.00	22.43 0.27 0.00	25.16 0.41 0.00	28.00 0.44 0.00	32.07 0.46 0.00	32.21 0.44 0.00	32.09 0.48 0.00	30.00 0.44 0.00	30.38 0.45 0.00	33.76 0.51 0.00	37.80 0.64 0.00	38.51 0.59 0.00	42.96 0.59 0.00	39.08 0.53 0.00	32.67 0.52 0.00	29.44 0.54 0.00
BETHPAGE_CC_5 323564	25.68 1.42 -0.06	19.55 0.91 -0.11	19.36 0.93 0.00	20.31 0.94 0.00	19.80 0.94 -0.07	23.71 1.15 0.00	31.54 1.52 0.00	28.56 1.44 0.00	27.30 1.43 0.00	23.61 1.44 0.00	26.47 1.73 0.00	29.43 1.87 0.00	33.70 2.09 0.00	34.01 2.24 0.00	33.68 2.06 0.00	32.10 2.15 -0.38	32.33 2.39 -0.01	36.67 2.53 -0.89	39.44 2.28 0.00	40.00 2.07 0.00	44.62 2.26 0.00	40.67 2.12 0.00	34.05 1.90 0.00	30.43 1.54 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.87 -2.34 0.00	16.98 -1.54 0.00	16.82 -1.60 0.00	17.76 -1.61 0.00	17.25 -1.55 0.00	20.75 -1.81 0.00	27.65 -2.36 0.00	24.71 -2.42 0.00	23.97 -1.91 0.00	20.53 -1.64 0.00	22.68 -1.97 0.10	25.31 -2.22 0.04	28.63 -2.30 0.68	25.11 -2.31 4.35	18.31 -2.32 10.98	23.24 -2.24 4.09	15.98 -2.26 11.69	18.12 -2.40 12.73	19.91 -3.01 14.24	26.29 -3.07 8.56	35.51 -3.52 3.33	23.40 -2.99 12.17	25.11 -2.50 4.55	26.22 -2.19 0.49

BINGHAMTON___COGEN 23790	23.98 -0.23 0.00	18.39 -0.13 0.00	18.28 -0.14 0.00	19.25 -0.12 0.00	18.68 -0.12 0.00	22.43 -0.13 0.00	29.79 -0.22 0.00	26.90 -0.22 0.00	25.66 -0.21 0.00	21.97 -0.19 0.00	24.53 -0.23 -0.02	27.36 -0.21 -0.01	31.63 -0.09 -0.11	32.44 -0.08 -0.75	33.44 -0.08 -1.90	30.11 -0.15 -0.69	31.93 -0.03 -2.03	35.47 0.02 -2.21	39.65 0.02 -2.47	39.50 0.09 -1.48	43.06 0.12 -0.58	40.75 0.08 -2.11	32.98 0.03 -0.79	28.93 -0.04 -0.08
BIXINCNT_115KV_LOAD 355685	21.97 -2.24 0.00	17.06 -1.46 0.00	16.96 -1.46 0.00	17.92 -1.45 0.00	17.37 -1.43 0.00	20.89 -1.67 0.00	27.95 -2.07 0.00	25.08 -2.05 0.00	24.28 -1.60 0.00	20.79 -1.37 0.00	22.88 -1.79 0.07	25.50 -2.03 0.03	28.99 -2.11 0.51	26.39 -2.11 3.27	21.24 -2.12 8.26	24.50 -2.02 3.04	19.11 -2.03 8.79	21.52 -2.16 9.57	23.66 -2.79 10.71	28.67 -2.81 6.44	36.57 -3.29 2.51	26.53 -2.87 9.15	26.25 -2.49 3.42	26.29 -2.24 0.37
BLACK RIVER___HYD 24047	24.03 -0.19 0.00	18.36 -0.16 0.00	18.25 -0.17 0.00	19.12 -0.25 0.00	18.57 -0.22 0.00	22.29 -0.27 0.00	29.87 -0.15 0.00	26.51 -0.61 0.00	25.00 -0.87 0.00	21.38 -0.79 0.00	23.66 -1.08 0.00	26.17 -1.39 0.00	29.90 -1.70 0.00	30.00 -1.77 0.00	29.94 -1.68 0.00	27.99 -1.57 0.00	28.54 -1.39 0.00	31.73 -1.51 0.00	35.69 -1.48 0.00	36.86 -1.07 0.00	41.97 -0.40 0.00	38.26 -0.29 0.00	32.11 -0.05 0.00	28.95 0.06 0.00
BLACKRVR_115KV_TB2 79977	24.03 -0.19 0.00	18.36 -0.16 0.00	18.25 -0.17 0.00	19.12 -0.25 0.00	18.57 -0.22 0.00	22.29 -0.27 0.00	29.87 -0.15 0.00	26.51 -0.62 0.00	25.00 -0.87 0.00	21.38 -0.79 0.00	23.66 -1.08 0.00	26.17 -1.39 0.00	29.90 -1.70 0.00	30.00 -1.77 0.00	29.94 -1.68 0.00	27.99 -1.57 0.00	28.54 -1.39 0.00	31.73 -1.51 0.00	35.69 -1.48 0.00	36.86 -1.07 0.00	41.97 -0.40 0.00	38.26 -0.29 0.00	32.11 -0.05 0.00	28.95 0.05 0.00
BLISS_WT_PWR 323608	21.95 -2.26 0.00	17.04 -1.49 0.00	16.96 -1.46 0.00	17.92 -1.46 0.00	17.35 -1.44 0.00	20.87 -1.69 0.00	27.92 -2.10 0.00	25.09 -2.04 0.00	24.28 -1.59 0.00	20.80 -1.37 0.00	22.88 -1.79 0.07	25.50 -2.04 0.03	28.98 -2.12 0.51	26.37 -2.13 3.27	21.25 -2.10 8.26	24.49 -2.03 3.04	19.13 -2.01 8.79	21.54 -2.13 9.57	23.66 -2.80 10.71	28.66 -2.82 6.44	36.53 -3.33 2.51	26.49 -2.91 9.15	26.16 -2.57 3.42	26.21 -2.32 0.37
BLUESTONE___WT_PWR 323821	24.52 0.31 0.00	19.05 0.53 0.00	18.83 0.41 0.00	19.76 0.38 0.00	19.04 0.25 0.00	23.03 0.47 0.00	30.33 0.32 0.00	27.49 0.37 0.00	26.21 0.34 0.00	22.42 0.25 0.00	24.90 0.15 -0.01	27.67 0.10 0.00	32.13 0.42 -0.09	32.86 0.42 -0.68	33.76 0.29 -1.85	30.57 0.32 -0.68	32.56 0.65 -1.97	36.29 0.89 -2.15	40.84 1.28 -2.40	40.98 1.61 -1.45	44.88 1.95 -0.56	42.30 1.69 -2.05	34.23 1.30 -0.77	29.97 1.00 -0.08
BLUE_CIRC_CHEM_DRP 24182	24.86 0.65 0.00	19.01 0.49 0.00	18.92 0.50 0.00	19.90 0.52 0.00	19.30 0.51 0.00	23.13 0.57 0.00	30.60 0.59 0.00	27.60 0.48 0.00	26.22 0.34 0.00	22.51 0.34 0.00	25.22 0.48 0.00	28.09 0.52 0.00	32.16 0.55 0.00	32.30 0.53 0.00	32.20 0.59 0.00	30.04 0.48 0.00	30.47 0.54 0.00	33.87 0.62 0.00	37.97 0.81 0.00	38.78 0.86 0.00	43.32 0.96 0.00	39.42 0.87 0.00	32.92 0.76 0.00	29.62 0.72 0.00
BOC_GAS_DRP 24189	24.70 0.48 0.00	18.86 0.34 0.00	18.77 0.35 0.00	19.74 0.37 0.00	19.15 0.35 0.00	22.95 0.38 0.00	30.43 0.41 0.00	27.55 0.42 0.00	26.24 0.37 0.00	22.53 0.36 0.00	25.24 0.50 0.00	28.11 0.55 0.00	32.21 0.60 0.00	32.37 0.60 0.00	32.23 0.61 0.00	30.14 0.58 0.00	30.52 0.59 0.00	33.91 0.66 0.00	37.92 0.76 0.00	38.61 0.68 0.00	43.09 0.72 0.00	39.20 0.65 0.00	32.73 0.58 0.00	29.42 0.52 0.00
BOONVILLE_115KV_TB1 79983	24.50 0.28 0.00	18.73 0.20 0.00	18.62 0.20 0.00	19.57 0.20 0.00	18.98 0.19 0.00	22.79 0.23 0.00	30.41 0.39 0.00	27.28 0.15 0.00	25.85 -0.02 0.00	22.06 -0.10 0.00	24.60 -0.14 0.00	27.35 -0.21 0.00	31.31 -0.30 0.00	31.45 -0.32 0.00	31.34 -0.27 0.00	29.31 -0.25 0.00	29.73 -0.21 0.00	33.18 -0.06 0.00	37.28 0.11 0.00	38.30 0.38 0.00	42.97 0.60 0.00	39.10 0.55 0.00	32.66 0.51 0.00	29.32 0.42 0.00
BORALEX_4TH_BRANCH 23824	25.29 1.08 0.00	19.32 0.79 0.00	19.21 0.79 0.00	20.19 0.82 0.00	19.59 0.80 0.00	23.48 0.92 0.00	31.19 1.17 0.00	28.22 1.09 0.00	26.88 1.01 0.00	23.08 0.92 0.00	25.89 1.15 0.00	28.80 1.24 0.00	32.95 1.34 0.00	33.07 1.31 0.00	32.95 1.33 0.00	30.78 1.21 0.00	31.02 1.09 0.00	34.59 1.35 0.00	38.85 1.69 0.00	39.58 1.66 0.00	44.26 1.89 0.00	40.29 1.74 0.00	33.63 1.47 0.00	30.16 1.27 0.00
BOWLINE___1 23526	24.97 0.76 0.00	18.98 0.46 0.00	18.85 0.43 0.00	19.81 0.44 0.00	19.23 0.44 0.00	23.14 0.58 0.00	30.79 0.78 0.00	27.98 0.86 0.00	26.77 0.90 0.00	23.05 0.88 0.00	25.86 1.12 0.00	28.82 1.26 0.00	33.10 1.48 0.00	33.34 1.58 0.00	33.19 1.58 0.00	31.16 1.60 0.00	31.67 1.74 0.00	35.06 1.82 0.00	38.99 1.83 0.00	39.48 1.56 0.00	43.92 1.55 0.00	39.89 1.34 0.00	33.29 1.13 0.00	29.76 0.86 0.00
BOWLINE___2 23595	24.97 0.76 0.00	18.98 0.46 0.00	18.85 0.43 0.00	19.81 0.44 0.00	19.23 0.44 0.00	23.14 0.58 0.00	30.79 0.78 0.00	27.98 0.86 0.00	26.77 0.90 0.00	23.05 0.88 0.00	25.86 1.12 0.00	28.82 1.26 0.00	33.10 1.48 0.00	33.34 1.58 0.00	33.19 1.58 0.00	31.17 1.60 0.00	31.67 1.74 0.00	35.07 1.82 0.00	38.99 1.83 0.00	39.48 1.56 0.00	43.92 1.55 0.00	39.89 1.34 0.00	33.29 1.13 0.00	29.76 0.87 0.00
BRADY___115KV_TB2 356060	24.49 0.27 0.00	18.80 0.28 0.00	18.68 0.26 0.00	19.65 0.28 0.00	19.07 0.28 0.00	22.87 0.31 0.00	30.47 0.45 0.00	27.27 0.14 0.00	25.96 0.09 0.00	22.17 0.01 0.00	24.65 -0.09 0.00	27.31 -0.25 0.00	31.25 -0.36 0.00	31.40 -0.37 0.00	31.25 -0.36 0.00	29.26 -0.31 0.00	29.59 -0.34 0.00	32.98 -0.26 0.00	36.98 -0.18 0.00	38.02 0.10 0.00	43.01 0.65 0.00	39.20 0.65 0.00	32.66 0.50 0.00	29.41 0.52 0.00
BRANSCOMB___SOLAR 323811	25.11 0.90 0.00	19.16 0.64 0.00	19.05 0.63 0.00	20.04 0.66 0.00	19.45 0.66 0.00	23.37 0.81 0.00	31.04 1.03 0.00	28.04 0.91 0.00	26.63 0.76 0.00	22.80 0.64 0.00	25.48 0.74 0.00	28.34 0.78 0.00	32.45 0.85 0.00	32.56 0.79 0.00	32.39 0.77 0.00	30.33 0.77 0.00	30.67 0.74 0.00	34.22 0.97 0.00	38.59 1.43 0.00	39.48 1.56 0.00	44.13 1.77 0.00	40.15 1.60 0.00	33.43 1.28 0.00	29.97 1.07 0.00
BRDGHMPT_69_KV_BK1 55812	28.81 2.22 -2.37	24.81 1.53 -4.76	19.94 1.52 0.00	20.98 1.61 0.00	23.34 1.64 -2.91	24.53 1.97 0.00	32.55 2.54 0.00	29.14 2.01 0.00	27.73 1.86 0.00	24.03 1.87 0.00	26.77 2.03 0.00	29.43 1.86 0.00	33.77 2.16 0.00	34.29 2.52 0.00	33.45 1.83 0.00	31.94 2.05 -0.32	32.34 2.41 -0.01	37.19 3.19 -0.76	40.03 2.87 0.00	40.64 2.72 0.00	45.73 3.37 0.00	41.61 3.06 0.00	35.03 2.87 0.00	31.38 2.48 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	26.03 1.60 -0.22	20.00 1.03 -0.44	19.51 1.09 0.00	20.48 1.11 0.00	20.18 1.11 -0.27	23.97 1.41 0.00	31.88 1.87 0.00	28.84 1.72 0.00	27.53 1.66 0.00	23.84 1.67 0.00	26.70 1.96 0.00	29.63 2.07 0.00	33.92 2.31 0.00	34.28 2.51 0.00	33.88 2.27 0.00	32.20 2.30 -0.33	32.56 2.62 -0.01	36.91 2.89 -0.78	39.70 2.54 0.00	40.27 2.35 0.00	45.04 2.67 0.00	41.10 2.54 0.00	34.42 2.26 0.00	30.74 1.85 0.00
BRISTLHL_115KV_TB1 79998	23.33 -0.88 0.00	17.87 -0.65 0.00	17.76 -0.66 0.00	18.69 -0.69 0.00	18.13 -0.66 0.00	21.79 -0.77 0.00	29.01 -1.00 0.00	26.19 -0.94 0.00	24.96 -0.91 0.00	21.35 -0.82 0.00	23.82 -0.93 0.00	26.54 -1.02 0.00	30.47 -1.13 0.00	30.62 -1.15 0.00	30.47 -1.15 0.00	28.45 -1.11 0.00	28.78 -1.15 0.00	31.92 -1.33 0.00	35.65 -1.51 0.00	36.48 -1.44 0.00	40.80 -1.56 0.00	37.19 -1.36 0.00	31.02 -1.13 0.00	27.89 -1.00 0.00
BROOKHAVEN___DRP 24191	28.22 1.63 -2.38	24.38 1.09 -4.76	19.53 1.11 0.00	20.52 1.14 0.00	22.86 1.16 -2.91	23.95 1.39 0.00	31.77 1.75 0.00	28.57 1.45 0.00	27.38 1.51 0.00	23.74 1.57 0.00	26.53 1.79 0.00	29.39 1.83 0.00	33.68 2.07 0.00	34.04 2.27 0.00	33.36 1.75 0.00	31.81 1.92 -0.32	32.19 2.25 -0.01	36.72 2.71 -0.76	39.42 2.25 0.00	40.03 2.11 0.00	44.86 2.50 0.00	40.79 2.24 0.00	34.32 2.16 0.00	30.74 1.85 0.00
BROOKLYN_NAVY_YARD 23515	25.14 0.93 0.00	19.04 0.53 0.02	-15.10 0.51 34.03	-14.14 0.51 34.03	-43.07 0.52 62.37	23.23 0.69 0.02	30.88 0.87 0.01	28.13 1.00 0.00	26.96 1.09 0.00	23.23 1.07 0.00	26.10 1.36 0.00	29.08 1.51 0.00	33.31 1.71 0.01	33.57 1.81 0.00	33.41 1.79 0.00	31.42 1.86 0.00	31.91 1.99 0.00	-100.81 2.04 136.10	-41.64 2.00 80.80	39.57 1.64 0.00	43.98 1.62 0.00	39.99 1.44 0.00	33.40 1.24 0.00	29.85 0.96 0.00
BROOKLYN___ARMY_DRP 323595	25.32 1.10 0.00	19.22 0.69 0.00	19.09 0.66 0.00	20.05 0.68 0.00	19.47 0.67 0.00	23.45 0.89 0.00	31.13 1.11 0.00	28.38 1.25 0.00	27.20 1.32 -0.01	23.42 1.25 -0.01	26.33 1.58 -0.01	29.34 1.76 -0.01	33.64 2.03 0.00	33.92 2.16 0.00	33.78 2.17 0.00	31.72 2.16 0.00	32.24 2.31 0.00	35.60 2.35 0.00	39.46 2.30 0.00	39.89 1.97 0.00	44.36 2.00 0.00	40.33 1.78 0.00	33.66 1.50 0.00	30.09 1.20 0.00
BROOME_2_LFGE 323671	23.98 -0.23 0.00	18.39 -0.13 0.00	18.28 -0.14 0.00	19.25 -0.12 0.00	18.68 -0.12 0.00	22.43 -0.13 0.00	29.79 -0.22 0.00	26.90 -0.22 0.00	25.66 -0.21 0.00	21.97 -0.19 0.00	24.52 -0.24 -0.02	27.36 -0.21 -0.01	31.63 -0.10 -0.11	32.44 -0.08 -0.75	33.43 -0.09 -1.90	30.10 -0.16 -0.69	31.92 -0.04 -2.03	35.46 0.01 -2.21	39.64 0.01 -2.47	39.49 0.09 -1.48	43.05 0.11 -0.58	40.73 0.07 -2.11	32.98 0.03 -0.79	28.93 -0.04 -0.08
BROOME___LFGE 323600	23.98 -0.23 0.00	18.39 -0.13 0.00	18.28 -0.14 0.00	19.25 -0.12 0.00	18.68 -0.12 0.00	22.43 -0.13 0.00	29.79 -0.22 0.00	26.90 -0.22 0.00	25.66 -0.21 0.00	21.97 -0.19 0.00	24.52 -0.24 -0.02	27.36 -0.21 -0.01	31.63 -0.10 -0.11	32.44 -0.08 -0.75	33.43 -0.09 -1.90	30.10 -0.16 -0.69	31.92 -0.04 -2.03	35.46 0.01 -2.21	39.64 0.01 -2.47	39.49 0.09 -1.48	43.05 0.11 -0.58	40.73 0.07 -2.11	32.98 0.03 -0.79	28.93 -0.04 -0.08
BROWNFLS_115KV_TB 3_5 80003	23.98 -0.24 0.00	18.36 -0.16 0.00	18.25 -0.18 0.00	19.17 -0.20 0.00	18.60 -0.19 0.00	22.27 -0.29 0.00	29.74 -0.27 0.00	26.60 -0.53 0.00	25.17 -0.70 0.00	21.48 -0.68 0.00	23.85 -0.89 0.00	26.30 -1.27 0.00	30.03 -1.58 0.00	30.15 -1.62 0.00	30.05 -1.57 0.00	28.08 -1.48 0.00	28.49 -1.44 0.00	31.76 -1.49 0.00	35.70 -1.46 0.00	36.79 -1.13 0.00	41.70 -0.66 0.00	37.99 -0.55 0.00	31.83 -0.33 0.00	28.74 -0.15 0.00
BROWNSV1_27_KV_LOAD 356125	25.34 1.13 0.00	19.21 0.69 0.00	19.08 0.66 0.00	20.05 0.67 0.00	19.47 0.68 0.00	23.44 0.88 0.00	31.13 1.12 0.00	28.37 1.24 0.00	27.19 1.32 0.00	23.43 1.27 0.00	26.33 1.59 0.00	29.34 1.78 0.00	33.62 2.01 0.00	33.90 2.13 0.00	33.73 2.11 0.00	31.70 2.14 0.00	32.22 2.29 0.00	35.63 2.38 0.00	39.53 2.37 0.00	39.93 2.01 0.00	44.39 2.03 0.00	40.35 1.80 0.00	33.68 1.52 0.00	30.09 1.20 0.00
BURROWS___LYONSDAL 23803	24.40 0.19 0.00	18.65 0.13 0.00	18.55 0.13 0.00	19.49 0.11 0.00	18.91 0.11 0.00	22.69 0.12 0.00	30.28 0.27 0.00	27.13 0.01 0.00	25.69 -0.18 0.00	21.93 -0.24 0.00	24.41 -0.33 0.00	27.12 -0.45 0.00	31.01 -0.59 0.00	31.15 -0.61 0.00	31.05 -0.56 0.00	29.05 -0.52 0.00	29.47 -0.46 0.00	32.89 -0.35 0.00	36.97 -0.19 0.00	38.01 0.09 0.00	42.72 0.36 0.00	38.87 0.32 0.00	32.52 0.36 0.00	29.22 0.33 0.00
CAITHNESS_CC_1 323624	28.16 1.56 -2.38	24.34 1.05 -4.77	19.48 1.07 0.00	20.46 1.09 0.00	22.82 1.10 -2.92	23.89 1.33 0.00	31.72 1.70 0.00	28.55 1.42 0.00	27.34 1.47 0.00	23.70 1.53 0.00	26.49 1.75 0.00	29.36 1.80 0.00	33.64 2.04 0.00	33.99 2.22 0.00	33.35 1.74 0.00	31.79 1.90 -0.32	32.15 2.22 -0.01	36.63 2.62 -0.76	39.34 2.18 0.00	39.95 2.03 0.00	44.74 2.38 0.00	40.74 2.19 0.00	34.24 2.09 0.00	30.66 1.76 0.00
CALPINE BETH_PAGE_GT4 24209	25.62 1.40 0.00	19.43 0.91 0.00	19.34 0.92 0.00	20.30 0.93 0.00	19.72 0.93 0.00	23.68 1.12 0.00	31.47 1.45 0.00	28.50 1.37 0.00	27.24 1.37 0.00	23.57 1.40 0.00	26.43 1.69 0.00	29.38 1.82 0.00	33.64 2.04 0.00	33.96 2.19 0.00	33.64 2.02 0.00	32.07 2.11 -0.40	32.26 2.33 -0.01	36.61 2.43 -0.94	39.31 2.15 0.00	39.85 1.93 0.00	44.46 2.10 0.00	40.53 1.98 0.00	33.97 1.81 0.00	30.36 1.46 0.00
CALPINE_BETH_PAGE_GT_4 323586	25.62 1.41 0.00	19.43 0.91 0.00	19.34 0.92 0.00	20.30 0.93 0.00	19.72 0.93 0.00	23.68 1.12 0.00	31.48 1.47 0.00	28.50 1.37 0.00	27.24 1.37 0.00	23.56 1.40 0.00	26.43 1.69 0.00	29.38 1.82 0.00	33.64 2.04 0.00	33.94 2.18 0.00	33.63 2.01 0.00	32.07 2.10 -0.40	32.25 2.32 -0.01	36.60 2.41 -0.94	39.30 2.14 0.00	39.85 1.92 0.00	44.46 2.10 0.00	40.53 1.98 0.00	33.96 1.80 0.00	30.35 1.46 0.00
CALPINE_BP_GT1 23823	25.62 1.41 0.00	19.43 0.91 0.00	19.34 0.92 0.00	20.30 0.93 0.00	19.72 0.93 0.00	23.68 1.12 0.00	31.48 1.47 0.00	28.50 1.37 0.00	27.24 1.37 0.00	23.56 1.40 0.00	26.43 1.69 0.00	29.38 1.82 0.00	33.64 2.04 0.00	33.94 2.18 0.00	33.63 2.01 0.00	32.07 2.10 -0.40	32.25 2.32 -0.01	36.60 2.41 -0.94	39.30 2.14 0.00	39.85 1.92 0.00	44.46 2.10 0.00	40.53 1.98 0.00	33.96 1.80 0.00	30.35 1.46 0.00
CALSPAN___DRP 24200	21.82 -2.39 0.00	16.95 -1.58 0.00	16.79 -1.64 0.00	17.72 -1.66 0.00	17.21 -1.59 0.00	20.71 -1.85 0.00	27.58 -2.44 0.00	24.63 -2.50 0.00	23.88 -1.99 0.00	20.46 -1.71 0.00	22.60 -2.03 0.10	25.22 -2.30 0.04	28.51 -2.39 0.71	24.81 -2.41 4.54	17.72 -2.42 11.47	22.95 -2.34 4.27	15.36 -2.36 12.21	17.43 -2.52 13.30	19.16 -3.13 14.87	25.78 -3.20 8.95	35.24 -3.65 3.48	22.74 -3.10 12.71	24.82 -2.58 4.76	26.14 -2.25 0.51

CALVERTON___SOLAR 323806	28.29 1.70 -2.38	24.44 1.15 -4.76	19.59 1.17 0.00	20.58 1.20 0.00	22.93 1.22 -2.91	24.02 1.46 0.00	31.87 1.85 0.00	28.61 1.49 0.00	27.43 1.55 0.00	23.78 1.61 0.00	26.56 1.82 0.00	29.40 1.84 0.00	33.69 2.09 0.00	34.07 2.30 0.00	33.36 1.74 0.00	31.82 1.94 -0.32	32.21 2.28 -0.01	36.79 2.79 -0.76	39.51 2.35 0.00	40.13 2.21 0.00	45.00 2.64 0.00	40.90 2.35 0.00	34.42 2.26 0.00	30.85 1.96 0.00
CANDIGU_WT_PWR 323617	22.72 -1.49 0.00	17.61 -0.92 0.00	17.51 -0.92 0.00	18.51 -0.86 0.00	17.95 -0.84 0.00	21.63 -0.93 0.00	28.72 -1.30 0.00	25.48 -1.65 0.00	24.35 -1.52 0.00	20.88 -1.29 0.00	22.68 -1.59 0.47	25.61 -1.78 0.17	26.53 -1.82 3.26	9.13 -1.87 20.77	-22.71 -1.85 52.48	7.88 -1.80 19.88	-27.53 -1.62 55.84	-29.16 -1.60 60.81	-32.57 -1.72 68.02	-4.43 -1.44 40.91	25.05 -1.40 15.92	-20.98 -1.42 58.11	8.97 -1.44 21.75	25.14 -1.43 2.32
CARR STREET_E_SYR 24060	23.65 -0.57 0.00	18.11 -0.41 0.00	18.00 -0.42 0.00	18.94 -0.44 0.00	18.38 -0.41 0.00	22.09 -0.47 0.00	29.40 -0.61 0.00	26.54 -0.59 0.00	25.30 -0.57 0.00	21.66 -0.51 0.00	24.16 -0.58 0.00	26.94 -0.62 0.00	30.95 -0.66 0.00	31.12 -0.64 0.00	30.96 -0.66 0.00	28.90 -0.66 0.00	29.25 -0.67 0.00	32.48 -0.76 0.00	36.28 -0.88 0.00	37.07 -0.86 0.00	41.40 -0.96 0.00	37.68 -0.87 0.00	31.42 -0.74 0.00	28.23 -0.66 0.00
CARTHAGE___PAPER 23857	24.09 -0.12 0.00	18.41 -0.11 0.00	18.30 -0.12 0.00	19.19 -0.18 0.00	18.63 -0.16 0.00	22.35 -0.21 0.00	29.92 -0.10 0.00	26.62 -0.50 0.00	25.14 -0.74 0.00	21.47 -0.69 0.00	23.79 -0.95 0.00	26.31 -1.25 0.00	30.06 -1.55 0.00	30.16 -1.61 0.00	30.08 -1.54 0.00	28.14 -1.42 0.00	28.63 -1.30 0.00	31.90 -1.35 0.00	35.87 -1.29 0.00	37.02 -0.90 0.00	42.03 -0.34 0.00	38.29 -0.26 0.00	32.14 -0.02 0.00	28.97 0.08 0.00
CASSADAGA_WT_PWR 323784	22.09 -2.12 0.00	17.21 -1.31 0.00	16.98 -1.44 0.00	18.06 -1.32 0.00	17.57 -1.22 0.00	21.16 -1.40 0.00	28.18 -1.84 0.00	25.00 -2.12 0.00	24.24 -1.64 0.00	20.76 -1.40 0.00	22.92 -1.75 0.08	25.61 -1.93 0.03	29.01 -2.04 0.56	25.95 -2.24 3.58	20.24 -2.35 9.03	23.93 -2.30 3.34	17.89 -2.43 9.61	20.25 -2.54 10.46	22.20 -3.25 11.70	27.78 -3.10 7.04	36.18 -3.44 2.74	25.40 -3.15 10.00	25.68 -2.74 3.74	26.11 -2.38 0.40
CE_DUNWOOD___DRP 24194	25.12 0.90 0.00	19.08 0.55 0.00	18.96 0.54 0.00	19.92 0.54 0.00	19.34 0.55 0.00	23.27 0.71 0.00	30.93 0.92 0.00	28.14 1.02 0.00	26.93 1.06 0.00	23.20 1.03 0.00	26.05 1.31 0.00	29.02 1.46 0.00	33.29 1.68 0.00	33.54 1.77 0.00	33.37 1.76 0.00	31.35 1.78 0.00	31.87 1.94 0.00	35.27 2.02 0.00	39.18 2.02 0.00	39.64 1.72 0.00	44.09 1.73 0.00	40.09 1.54 0.00	33.46 1.30 0.00	29.91 1.02 0.00
CE_MILLWOOD___DRP 24193	25.08 0.86 0.00	19.05 0.53 0.00	18.93 0.51 0.00	19.89 0.52 0.00	19.31 0.52 0.00	23.23 0.67 0.00	30.89 0.88 0.00	28.10 0.97 0.00	26.89 1.01 0.00	23.15 0.98 0.00	25.99 1.25 0.00	28.96 1.39 0.00	33.22 1.61 0.00	33.48 1.71 0.00	33.31 1.70 0.00	31.29 1.72 0.00	31.80 1.87 0.00	35.21 1.96 0.00	39.12 1.96 0.00	39.59 1.67 0.00	44.04 1.68 0.00	40.03 1.48 0.00	33.41 1.26 0.00	29.87 0.97 0.00
CE_NYC2_DRP 24202	25.26 1.05 0.00	19.17 0.64 0.00	19.04 0.62 0.00	20.01 0.63 0.00	19.42 0.63 0.00	23.39 0.83 0.00	31.03 1.01 0.00	28.30 1.17 0.00	27.13 1.25 -0.01	23.39 1.22 -0.01	26.28 1.53 -0.01	29.27 1.70 -0.01	33.49 1.89 0.00	33.78 2.01 0.00	33.62 2.00 0.00	31.60 2.03 0.00	32.10 2.17 0.00	35.46 2.21 0.00	39.29 2.13 0.00	39.69 1.77 0.00	44.13 1.77 0.00	40.14 1.59 0.00	33.51 1.36 0.00	29.98 1.08 0.00
CE_NYC_DRP 24195	25.21 1.00 0.00	19.12 0.60 0.00	19.00 0.58 0.00	19.97 0.59 0.00	19.39 0.60 0.00	23.34 0.78 0.00	30.55 0.97 0.44	28.23 1.10 0.00	27.06 1.19 0.00	23.32 1.16 0.00	26.21 1.47 0.00	29.20 1.64 0.00	33.41 1.85 0.05	33.67 1.97 0.06	33.50 1.95 0.06	31.54 1.99 0.01	32.04 2.13 0.02	35.34 2.20 0.11	39.09 2.16 0.23	39.48 1.80 0.24	43.78 1.80 0.38	39.89 1.60 0.26	33.44 1.35 0.06	29.94 1.05 0.01
CHAFFEE___LFGE 323603	21.87 -2.35 0.00	16.98 -1.54 0.00	16.82 -1.61 0.00	17.76 -1.62 0.00	17.25 -1.55 0.00	20.76 -1.80 0.00	27.63 -2.39 0.00	24.75 -2.37 0.00	23.99 -1.88 0.00	20.54 -1.63 0.00	22.68 -1.97 0.09	25.30 -2.23 0.03	28.68 -2.32 0.61	25.55 -2.32 3.90	19.48 -2.29 9.85	23.68 -2.24 3.65	17.21 -2.24 10.48	19.48 -2.35 11.41	21.44 -2.96 12.76	27.20 -3.04 7.68	35.85 -3.52 2.99	24.73 -2.91 10.91	25.62 -2.46 4.08	26.29 -2.16 0.44
CHATEAUG_35_KV_LOAD 355732	24.31 0.10 0.00	18.63 0.10 0.00	18.53 0.11 0.00	19.53 0.16 0.00	18.95 0.15 0.00	22.71 0.15 0.00	30.27 0.26 0.00	27.33 0.20 0.00	26.08 0.20 0.00	22.29 0.13 0.00	24.77 0.03 0.00	27.56 0.00 0.00	31.56 -0.05 0.00	31.72 -0.04 0.00	31.62 0.01 0.00	29.59 0.03 0.00	29.96 0.03 0.00	33.37 0.12 0.00	37.35 0.19 0.00	38.20 0.28 0.00	42.77 0.40 0.00	38.90 0.35 0.00	32.36 0.20 0.00	29.04 0.14 0.00
CHATEAUG_WT_PWR 323614	24.29 0.08 0.00	18.61 0.09 0.00	18.52 0.09 0.00	19.51 0.14 0.00	18.93 0.14 0.00	22.70 0.14 0.00	30.24 0.23 0.00	27.33 0.21 0.00	26.07 0.20 0.00	22.28 0.11 0.00	24.77 0.03 0.00	27.56 0.00 0.00	31.56 -0.04 0.00	31.73 -0.04 0.00	31.62 0.01 0.00	29.59 0.03 0.00	29.96 0.03 0.00	33.36 0.12 0.00	37.35 0.18 0.00	38.18 0.26 0.00	42.75 0.38 0.00	38.87 0.32 0.00	32.35 0.20 0.00	29.03 0.14 0.00
CHAT_HIGH_FALL_HYD 323578	24.31 0.10 0.00	18.63 0.10 0.00	18.53 0.11 0.00	19.53 0.16 0.00	18.95 0.15 0.00	22.71 0.15 0.00	30.27 0.26 0.00	27.33 0.20 0.00	26.08 0.20 0.00	22.29 0.13 0.00	24.77 0.03 0.00	27.56 0.00 0.00	31.56 -0.05 0.00	31.72 -0.04 0.00	31.62 0.01 0.00	29.59 0.03 0.00	29.96 0.03 0.00	33.37 0.12 0.00	37.35 0.19 0.00	38.20 0.28 0.00	42.77 0.40 0.00	38.90 0.35 0.00	32.36 0.20 0.00	29.04 0.14 0.00
CHAUTAUQUA___LFGE 323629	21.98 -2.23 0.00	17.12 -1.40 0.00	16.93 -1.50 0.00	17.95 -1.43 0.00	17.45 -1.34 0.00	20.99 -1.58 0.00	27.91 -2.10 0.00	24.69 -2.44 0.00	23.98 -1.90 0.00	20.55 -1.61 0.00	22.68 -1.97 0.09	25.36 -2.17 0.03	28.73 -2.22 0.66	25.19 -2.39 4.19	18.59 -2.45 10.58	23.32 -2.31 3.93	16.21 -2.46 11.26	18.40 -2.59 12.26	20.13 -3.33 13.71	26.43 -3.25 8.25	35.55 -3.61 3.21	23.62 -3.21 11.72	25.05 -2.72 4.38	26.05 -2.37 0.47
CHERRYST_13_KV_LD 356241	25.27 1.06 0.00	19.16 0.64 0.00	19.04 0.62 0.00	20.01 0.63 0.00	19.43 0.64 0.00	23.40 0.84 0.00	30.63 1.06 0.44	28.31 1.18 0.00	27.14 1.27 0.00	23.39 1.23 0.00	26.29 1.55 0.00	29.30 1.73 0.00	33.52 1.97 0.05	33.78 2.07 0.06	33.60 2.05 0.06	31.63 2.08 0.01	32.14 2.23 0.02	35.45 2.31 0.11	39.19 2.26 0.23	39.57 1.90 0.24	43.88 1.90 0.38	39.97 1.68 0.26	33.51 1.42 0.06	29.99 1.11 0.01

CHESTROR_138KV_BK263 355645	24.88 0.67 0.00	18.94 0.41 0.00	18.81 0.39 0.00	19.78 0.40 0.00	19.20 0.40 0.00	23.08 0.52 0.00	30.69 0.68 0.00	27.88 0.75 0.00	26.64 0.77 0.00	22.92 0.75 0.00	25.69 0.95 0.00	28.62 1.06 0.00	32.87 1.26 0.00	33.12 1.35 0.00	32.96 1.35 0.00	30.93 1.37 0.00	31.44 1.50 0.00	34.84 1.60 0.00	38.78 1.62 0.00	39.33 1.41 0.00	43.77 1.41 0.00	39.78 1.22 0.00	33.19 1.03 0.00	29.68 0.79 0.00
CH_MIDHUDSON___DRP 24192	25.11 0.90 0.00	19.10 0.58 0.00	18.99 0.57 0.00	19.95 0.58 0.00	19.37 0.57 0.00	23.29 0.73 0.00	30.98 0.97 0.00	28.15 1.03 0.00	26.92 1.05 0.00	23.16 0.99 0.00	25.98 1.24 0.00	28.95 1.39 0.00	33.21 1.61 0.00	33.45 1.68 0.00	33.29 1.68 0.00	31.25 1.68 0.00	31.77 1.84 0.00	35.22 1.97 0.00	39.19 2.03 0.00	39.73 1.80 0.00	44.21 1.85 0.00	40.18 1.63 0.00	33.51 1.35 0.00	29.95 1.06 0.00
CH_MISC_IPPS 23765	25.20 0.98 0.00	19.16 0.63 0.00	19.04 0.62 0.00	20.00 0.63 0.00	19.42 0.63 0.00	23.36 0.79 0.00	31.10 1.08 0.00	28.24 1.12 0.00	26.98 1.11 0.00	23.21 1.04 0.00	26.04 1.30 0.00	29.02 1.46 0.00	33.31 1.70 0.00	33.56 1.79 0.00	33.39 1.77 0.00	31.35 1.79 0.00	31.90 1.97 0.00	35.36 2.12 0.00	39.37 2.21 0.00	39.91 1.99 0.00	44.42 2.06 0.00	40.36 1.80 0.00	33.64 1.48 0.00	30.06 1.17 0.00
CH_RES_BVR_FALLS 23983	24.19 -0.02 0.00	18.52 0.00 0.00	18.42 0.00 0.00	19.37 0.00 0.00	18.79 0.00 0.00	22.55 -0.01 0.00	30.03 0.01 0.00	27.13 0.00 0.00	25.88 0.01 0.00	22.16 -0.01 0.00	24.70 -0.04 0.00	27.51 -0.06 0.00	31.54 -0.06 0.00	31.70 -0.07 0.00	31.55 -0.06 0.00	29.51 -0.06 0.00	29.87 -0.06 0.00	33.20 -0.05 0.00	37.13 -0.03 0.00	37.92 -0.01 0.00	42.38 0.01 0.00	38.55 0.00 0.00	32.15 -0.01 0.00	28.89 0.00 0.00
CH_RES_NIAGARA 23895	20.95 -3.27 0.00	16.34 -2.19 0.00	16.19 -2.23 0.00	17.08 -2.29 0.00	16.59 -2.21 0.00	19.73 -2.83 0.00	26.28 -3.74 0.00	23.53 -3.60 0.00	22.89 -2.98 0.00	19.64 -2.53 0.00	21.72 -2.94 0.08	24.20 -3.34 0.03	27.40 -3.64 0.57	24.39 -3.77 3.60	18.76 -3.75 9.10	22.65 -3.53 3.39	16.68 -3.57 9.69	18.80 -3.90 10.55	20.69 -4.68 11.80	25.90 -4.92 7.10	33.79 -5.81 2.76	23.68 -4.79 10.08	24.40 -3.99 3.77	25.05 -3.44 0.40
CH_RES_SYRACUSE 23985	23.77 -0.44 0.00	18.21 -0.31 0.00	18.10 -0.32 0.00	19.05 -0.32 0.00	18.49 -0.30 0.00	22.23 -0.33 0.00	29.58 -0.44 0.00	26.69 -0.43 0.00	25.42 -0.45 0.00	21.75 -0.42 0.00	24.25 -0.49 0.00	27.05 -0.52 0.00	31.08 -0.52 0.00	31.24 -0.53 0.00	31.08 -0.54 0.00	29.02 -0.55 0.00	29.39 -0.54 0.00	32.62 -0.62 0.00	36.47 -0.69 0.00	37.29 -0.63 0.00	41.68 -0.69 0.00	37.93 -0.62 0.00	31.60 -0.56 0.00	28.41 -0.49 0.00
CLINTON_WT_PWR 323605	24.29 0.08 0.00	18.61 0.09 0.00	18.52 0.09 0.00	19.51 0.14 0.00	18.93 0.14 0.00	22.70 0.14 0.00	30.24 0.23 0.00	27.33 0.21 0.00	26.07 0.20 0.00	22.28 0.11 0.00	24.77 0.03 0.00	27.56 0.00 0.00	31.56 -0.04 0.00	31.73 -0.04 0.00	31.62 0.01 0.00	29.59 0.03 0.00	29.96 0.03 0.00	33.36 0.12 0.00	37.35 0.18 0.00	38.18 0.26 0.00	42.75 0.38 0.00	38.87 0.32 0.00	32.35 0.20 0.00	29.03 0.14 0.00
CLINTON___LFGE 323618	24.51 0.29 0.00	18.77 0.25 0.00	18.67 0.25 0.00	19.71 0.34 0.00	19.13 0.34 0.00	22.92 0.36 0.00	30.56 0.55 0.00	27.61 0.48 0.00	26.25 0.37 0.00	22.35 0.19 0.00	24.85 0.11 0.00	27.65 0.08 0.00	31.65 0.04 0.00	31.77 0.01 0.00	31.69 0.07 0.00	29.65 0.09 0.00	30.06 0.13 0.00	33.54 0.29 0.00	37.60 0.44 0.00	38.63 0.71 0.00	43.48 1.12 0.00	39.55 1.00 0.00	32.89 0.73 0.00	29.44 0.54 0.00
COBBLENY_34_KV_TB1 80064	21.87 -2.35 0.00	16.98 -1.54 0.00	16.81 -1.61 0.00	17.76 -1.62 0.00	17.25 -1.55 0.00	20.75 -1.81 0.00	27.66 -2.36 0.00	24.74 -2.38 0.00	23.99 -1.88 0.00	20.54 -1.63 0.00	22.68 -1.97 0.09	25.29 -2.24 0.03	28.68 -2.32 0.61	25.54 -2.32 3.90	19.43 -2.33 9.85	23.66 -2.26 3.65	17.18 -2.27 10.48	19.44 -2.40 11.41	21.40 -3.00 12.76	27.18 -3.06 7.68	35.87 -3.51 2.99	24.70 -2.95 10.91	25.62 -2.46 4.08	26.29 -2.17 0.44
COFFEEN___115KV_TB3 355620	24.04 -0.17 0.00	18.37 -0.15 0.00	18.26 -0.16 0.00	19.13 -0.24 0.00	18.58 -0.21 0.00	22.32 -0.24 0.00	29.90 -0.11 0.00	26.53 -0.60 0.00	25.00 -0.87 0.00	21.36 -0.80 0.00	23.65 -1.09 0.00	26.15 -1.41 0.00	29.91 -1.69 0.00	29.99 -1.77 0.00	29.96 -1.66 0.00	27.97 -1.59 0.00	28.55 -1.38 0.00	31.74 -1.50 0.00	35.71 -1.46 0.00	36.95 -0.97 0.00	42.10 -0.26 0.00	38.35 -0.20 0.00	32.17 0.01 0.00	28.99 0.10 0.00
COLDSPRG_115KV_BK1 355956	22.32 -1.89 0.00	17.35 -1.17 0.00	17.17 -1.25 0.00	18.20 -1.17 0.00	17.69 -1.10 0.00	21.30 -1.26 0.00	28.43 -1.59 0.00	25.38 -1.75 0.00	24.58 -1.29 0.00	21.03 -1.14 0.00	23.20 -1.49 0.06	25.85 -1.69 0.02	29.48 -1.72 0.41	27.40 -1.77 2.60	23.21 -1.83 6.57	25.40 -1.76 2.40	21.07 -1.86 7.00	23.67 -1.95 7.62	26.13 -2.51 8.53	30.33 -2.47 5.13	37.52 -2.85 2.00	28.82 -2.45 7.28	27.34 -2.09 2.73	26.70 -1.91 0.29
COLONIE_LFGE___ 323577	25.01 0.80 0.00	19.10 0.57 0.00	19.00 0.57 0.00	19.97 0.60 0.00	19.37 0.58 0.00	23.24 0.68 0.00	30.85 0.83 0.00	27.90 0.77 0.00	26.57 0.69 0.00	22.79 0.62 0.00	25.53 0.79 0.00	28.42 0.86 0.00	32.53 0.92 0.00	32.66 0.89 0.00	32.53 0.91 0.00	30.42 0.86 0.00	30.74 0.81 0.00	34.24 0.99 0.00	38.44 1.28 0.00	39.20 1.28 0.00	43.78 1.42 0.00	39.85 1.30 0.00	33.23 1.08 0.00	29.83 0.93 0.00
COOPERNY_115KV_TB1 80082	24.65 0.44 0.00	18.80 0.27 0.00	18.68 0.26 0.00	19.65 0.27 0.00	19.06 0.27 0.00	22.91 0.35 0.00	30.47 0.46 0.00	27.63 0.50 0.00	26.38 0.51 0.00	22.65 0.49 0.00	25.35 0.61 0.00	28.24 0.67 0.00	32.41 0.80 0.00	32.61 0.84 0.00	32.39 0.77 0.00	30.35 0.78 0.00	30.80 0.87 0.00	34.18 0.94 0.00	38.14 0.98 0.00	38.80 0.87 0.00	43.23 0.87 0.00	39.31 0.76 0.00	32.78 0.63 0.00	29.37 0.47 0.00
COPENHAGEN_WT_PWR 323753	23.97 -0.24 0.00	18.32 -0.20 0.00	18.20 -0.22 0.00	19.06 -0.31 0.00	18.50 -0.29 0.00	22.21 -0.35 0.00	29.78 -0.24 0.00	26.49 -0.64 0.00	25.00 -0.87 0.00	21.38 -0.79 0.00	23.64 -1.10 0.00	26.15 -1.42 0.00	29.87 -1.73 0.00	29.98 -1.78 0.00	29.94 -1.68 0.00	27.99 -1.58 0.00	28.52 -1.41 0.00	31.72 -1.53 0.00	35.64 -1.52 0.00	36.77 -1.15 0.00	41.74 -0.62 0.00	38.02 -0.53 0.00	31.96 -0.20 0.00	28.85 -0.04 0.00
CORNELL_____ 23752	24.17 -0.04 0.00	18.53 0.01 0.00	18.41 -0.01 0.00	19.40 0.02 0.00	18.83 0.03 0.00	22.64 0.07 0.00	30.09 0.08 0.00	27.06 -0.06 0.00	25.64 -0.24 0.00	21.86 -0.31 0.00	24.39 -0.39 -0.04	27.19 -0.38 -0.01	31.53 -0.34 -0.26	33.13 -0.33 -1.69	35.61 -0.30 -4.29	30.84 -0.35 -1.62	34.25 -0.24 -4.57	38.00 -0.22 -4.97	42.64 -0.08 -5.56	41.50 0.24 -3.35	44.14 0.47 -1.30	43.73 0.43 -4.75	34.18 0.25 -1.78	29.24 0.15 -0.19

CORONA__69_KV_TB1 355595	25.47 1.26 0.00	19.33 0.81 0.00	19.23 0.81 0.00	20.19 0.81 0.00	19.62 0.82 0.00	23.58 1.02 0.00	31.36 1.34 0.00	28.45 1.33 0.00	27.22 1.34 0.00	23.51 1.35 0.00	26.38 1.64 0.00	29.36 1.80 0.00	33.65 2.04 0.00	33.97 2.20 0.00	33.69 2.08 0.00	32.35 2.12 -0.66	32.26 2.33 -0.01	37.28 2.46 -1.57	39.46 2.29 0.00	39.99 2.07 0.00	44.56 2.20 0.00	40.58 2.03 0.00	33.92 1.76 0.00	30.31 1.42 0.00
CORTLAND__115KV_TB3 80093	24.08 -0.13 0.00	18.45 -0.08 0.00	18.34 -0.08 0.00	19.30 -0.07 0.00	18.73 -0.06 0.00	22.52 -0.05 0.00	29.96 -0.06 0.00	26.99 -0.14 0.00	25.65 -0.22 0.00	21.92 -0.24 0.00	24.46 -0.29 -0.02	27.27 -0.30 0.00	31.43 -0.27 -0.09	32.14 -0.24 -0.62	32.95 -0.24 -1.57	29.87 -0.28 -0.59	31.38 -0.23 -1.67	34.89 -0.18 -1.82	39.07 -0.13 -2.04	39.16 0.01 -1.23	42.97 0.13 -0.48	40.41 0.12 -1.74	32.86 0.05 -0.65	28.95 -0.02 -0.07
COXSACKIE__GT 23611	25.55 1.34 0.00	19.50 0.97 0.00	19.39 0.97 0.00	20.39 1.02 0.00	19.79 0.99 0.00	23.76 1.20 0.00	31.53 1.52 0.00	28.45 1.32 0.00	26.80 0.93 0.00	22.93 0.76 0.00	25.70 0.96 0.00	28.63 1.06 0.00	32.70 1.09 0.00	32.88 1.12 0.00	32.91 1.29 0.00	30.83 1.26 0.00	31.05 1.11 0.00	34.58 1.34 0.00	39.10 1.94 0.00	40.06 2.13 0.00	44.87 2.50 0.00	40.79 2.24 0.00	33.98 1.82 0.00	30.47 1.58 0.00
CPV_VALLEY__CC1 323721	24.73 0.52 0.00	18.84 0.32 0.00	18.72 0.30 0.00	19.68 0.31 0.00	19.10 0.31 0.00	22.96 0.40 0.00	30.54 0.52 0.00	27.74 0.61 0.00	26.54 0.66 0.00	22.86 0.70 0.00	25.62 0.88 0.00	28.53 0.97 0.00	32.75 1.14 0.00	32.99 1.23 0.00	32.85 1.23 0.00	30.81 1.24 0.00	31.31 1.39 0.00	34.69 1.44 0.00	38.59 1.43 0.00	39.11 1.19 0.00	43.51 1.15 0.00	39.55 1.00 0.00	33.01 0.85 0.00	29.52 0.62 0.00
CPV_VALLEY__CC2 323722	24.73 0.52 0.00	18.84 0.32 0.00	18.72 0.30 0.00	19.68 0.31 0.00	19.10 0.31 0.00	22.96 0.40 0.00	30.54 0.52 0.00	27.74 0.61 0.00	26.54 0.66 0.00	22.86 0.70 0.00	25.62 0.88 0.00	28.53 0.97 0.00	32.75 1.14 0.00	32.99 1.23 0.00	32.85 1.23 0.00	30.81 1.24 0.00	31.31 1.39 0.00	34.69 1.44 0.00	38.59 1.43 0.00	39.11 1.19 0.00	43.51 1.15 0.00	39.55 1.00 0.00	33.01 0.85 0.00	29.52 0.62 0.00
CRESCENT__HYD 24018	25.01 0.80 0.00	19.10 0.57 0.00	19.00 0.57 0.00	19.97 0.60 0.00	19.37 0.58 0.00	23.24 0.68 0.00	30.85 0.83 0.00	27.90 0.77 0.00	26.57 0.69 0.00	22.79 0.62 0.00	25.53 0.79 0.00	28.42 0.86 0.00	32.53 0.92 0.00	32.66 0.89 0.00	32.53 0.91 0.00	30.42 0.86 0.00	30.74 0.81 0.00	34.24 0.99 0.00	38.44 1.28 0.00	39.20 1.28 0.00	43.78 1.42 0.00	39.85 1.30 0.00	33.23 1.08 0.00	29.83 0.93 0.00
CRICKET__VALLEY_CC1 323756	24.96 0.75 0.00	18.98 0.45 0.00	18.86 0.44 0.00	19.82 0.44 0.00	19.23 0.44 0.00	23.14 0.58 0.00	30.78 0.77 0.00	27.96 0.84 0.00	26.75 0.88 0.00	23.01 0.84 0.00	25.85 1.11 0.00	28.81 1.25 0.00	33.05 1.44 0.00	33.24 1.48 0.00	33.10 1.49 0.00	31.09 1.52 0.00	31.63 1.70 0.00	35.00 1.76 0.00	38.91 1.75 0.00	39.42 1.50 0.00	43.85 1.48 0.00	39.85 1.30 0.00	33.25 1.09 0.00	29.74 0.85 0.00
CRICKET__VALLEY_CC2 323757	24.96 0.75 0.00	18.98 0.45 0.00	18.86 0.44 0.00	19.82 0.44 0.00	19.23 0.44 0.00	23.14 0.58 0.00	30.78 0.77 0.00	27.96 0.84 0.00	26.75 0.88 0.00	23.01 0.84 0.00	25.85 1.11 0.00	28.81 1.25 0.00	33.05 1.44 0.00	33.24 1.48 0.00	33.10 1.49 0.00	31.09 1.52 0.00	31.63 1.70 0.00	35.00 1.76 0.00	38.91 1.75 0.00	39.42 1.50 0.00	43.85 1.48 0.00	39.85 1.30 0.00	33.25 1.09 0.00	29.74 0.85 0.00
CRICKET__VALLEY_CC3 323758	24.96 0.75 0.00	18.98 0.45 0.00	18.86 0.44 0.00	19.82 0.44 0.00	19.23 0.44 0.00	23.14 0.58 0.00	30.78 0.77 0.00	27.96 0.84 0.00	26.75 0.88 0.00	23.01 0.84 0.00	25.85 1.11 0.00	28.81 1.25 0.00	33.05 1.44 0.00	33.24 1.48 0.00	33.10 1.49 0.00	31.09 1.52 0.00	31.63 1.70 0.00	35.00 1.76 0.00	38.91 1.75 0.00	39.42 1.50 0.00	43.85 1.48 0.00	39.85 1.30 0.00	33.25 1.09 0.00	29.74 0.85 0.00
CRUCIBLE_METL_DRP 24180	23.78 -0.44 0.00	18.21 -0.31 0.00	18.10 -0.32 0.00	19.05 -0.32 0.00	18.49 -0.30 0.00	22.23 -0.33 0.00	29.59 -0.43 0.00	26.69 -0.43 0.00	25.42 -0.46 0.00	21.75 -0.42 0.00	24.25 -0.49 0.00	27.05 -0.52 0.00	31.08 -0.52 0.00	31.24 -0.53 0.00	31.08 -0.54 0.00	29.01 -0.55 0.00	29.39 -0.54 0.00	32.62 -0.63 0.00	36.47 -0.69 0.00	37.29 -0.63 0.00	41.68 -0.68 0.00	37.93 -0.62 0.00	31.60 -0.56 0.00	28.41 -0.49 0.00
DAHOWA__HYDRO 323763	25.14 0.93 0.00	19.18 0.65 0.00	19.07 0.64 0.00	20.05 0.68 0.00	19.47 0.68 0.00	23.41 0.85 0.00	31.10 1.09 0.00	28.10 0.97 0.00	26.69 0.82 0.00	22.84 0.67 0.00	25.50 0.76 0.00	28.36 0.79 0.00	32.48 0.87 0.00	32.58 0.81 0.00	32.39 0.77 0.00	30.35 0.79 0.00	30.70 0.77 0.00	34.26 1.02 0.00	38.68 1.52 0.00	39.59 1.67 0.00	44.24 1.87 0.00	40.25 1.70 0.00	33.51 1.35 0.00	30.01 1.12 0.00
DANC__LFGE 323619	23.77 -0.44 0.00	18.18 -0.34 0.00	18.07 -0.36 0.00	18.95 -0.42 0.00	18.40 -0.40 0.00	22.10 -0.46 0.00	29.56 -0.45 0.00	26.43 -0.70 0.00	25.02 -0.85 0.00	21.40 -0.77 0.00	23.75 -0.99 0.00	26.34 -1.22 0.00	30.16 -1.45 0.00	30.28 -1.48 0.00	30.19 -1.42 0.00	28.21 -1.35 0.00	28.66 -1.27 0.00	31.84 -1.40 0.00	35.70 -1.47 0.00	36.74 -1.18 0.00	41.49 -0.87 0.00	37.77 -0.78 0.00	31.66 -0.50 0.00	28.53 -0.36 0.00
DANSKAMMER__1 23586	25.20 0.98 0.00	19.16 0.63 0.00	19.04 0.62 0.00	20.00 0.63 0.00	19.42 0.63 0.00	23.36 0.79 0.00	31.10 1.08 0.00	28.24 1.12 0.00	26.98 1.11 0.00	23.21 1.04 0.00	26.04 1.30 0.00	29.02 1.46 0.00	33.31 1.70 0.00	33.56 1.79 0.00	33.39 1.77 0.00	31.35 1.79 0.00	31.90 1.97 0.00	35.36 2.12 0.00	39.37 2.21 0.00	39.91 1.99 0.00	44.42 2.06 0.00	40.36 1.80 0.00	33.64 1.48 0.00	30.06 1.17 0.00
DANSKAMMER__2 23589	25.20 0.98 0.00	19.16 0.63 0.00	19.04 0.62 0.00	20.00 0.63 0.00	19.42 0.63 0.00	23.36 0.79 0.00	31.10 1.08 0.00	28.24 1.12 0.00	26.98 1.11 0.00	23.21 1.04 0.00	26.04 1.30 0.00	29.02 1.46 0.00	33.31 1.70 0.00	33.56 1.79 0.00	33.39 1.77 0.00	31.35 1.79 0.00	31.90 1.97 0.00	35.36 2.12 0.00	39.37 2.21 0.00	39.91 1.99 0.00	44.42 2.06 0.00	40.36 1.80 0.00	33.64 1.48 0.00	30.06 1.17 0.00
DANSKAMMER__3 23590	25.20 0.98 0.00	19.16 0.63 0.00	19.04 0.62 0.00	20.00 0.63 0.00	19.42 0.63 0.00	23.36 0.79 0.00	31.10 1.08 0.00	28.24 1.12 0.00	26.98 1.11 0.00	23.21 1.04 0.00	26.04 1.30 0.00	29.02 1.46 0.00	33.31 1.70 0.00	33.56 1.79 0.00	33.39 1.77 0.00	31.35 1.79 0.00	31.90 1.97 0.00	35.36 2.12 0.00	39.37 2.21 0.00	39.91 1.99 0.00	44.42 2.06 0.00	40.36 1.80 0.00	33.64 1.48 0.00	30.06 1.17 0.00

DANSKAMMER___4 23591	25.20 0.98 0.00	19.16 0.63 0.00	19.04 0.62 0.00	20.00 0.63 0.00	19.42 0.63 0.00	23.36 0.79 0.00	31.10 1.08 0.00	28.24 1.12 0.00	26.98 1.11 0.00	23.21 1.04 0.00	26.04 1.30 0.00	29.02 1.46 0.00	33.31 1.70 0.00	33.56 1.79 0.00	33.39 1.77 0.00	31.35 1.79 0.00	31.90 1.97 0.00	35.36 2.12 0.00	39.37 2.21 0.00	39.91 1.99 0.00	44.42 2.06 0.00	40.36 1.80 0.00	33.64 1.48 0.00	30.06 1.17 0.00
DANSKAMMER___DIESEL 23592	25.19 0.98 0.00	19.16 0.63 0.00	19.04 0.62 0.00	20.00 0.63 0.00	19.42 0.63 0.00	23.36 0.80 0.00	31.09 1.08 0.00	28.24 1.12 0.00	26.99 1.12 0.00	23.21 1.04 0.00	26.04 1.30 0.00	29.03 1.47 0.00	33.31 1.71 0.00	33.57 1.80 0.00	33.40 1.79 0.00	31.35 1.79 0.00	31.90 1.97 0.00	35.37 2.12 0.00	39.37 2.21 0.00	39.92 1.99 0.00	44.42 2.06 0.00	40.36 1.80 0.00	33.65 1.49 0.00	30.06 1.17 0.00
DARBY___SOLAR 323810	25.10 0.89 0.00	19.16 0.63 0.00	19.05 0.62 0.00	20.03 0.66 0.00	19.45 0.66 0.00	23.36 0.80 0.00	31.04 1.02 0.00	28.03 0.90 0.00	26.64 0.77 0.00	22.80 0.64 0.00	25.49 0.75 0.00	28.34 0.77 0.00	32.45 0.84 0.00	32.55 0.78 0.00	32.39 0.78 0.00	30.33 0.77 0.00	30.68 0.75 0.00	34.26 1.01 0.00	38.60 1.44 0.00	39.48 1.56 0.00	44.11 1.75 0.00	40.14 1.59 0.00	33.43 1.27 0.00	29.95 1.06 0.00
DASHVILLE___HYD 23610	24.96 0.74 0.00	18.99 0.46 0.00	18.87 0.45 0.00	19.83 0.45 0.00	19.25 0.46 0.00	23.14 0.58 0.00	30.80 0.79 0.00	28.03 0.90 0.00	26.90 1.03 0.00	23.16 0.99 0.00	25.99 1.25 0.00	28.97 1.41 0.00	33.24 1.63 0.00	33.48 1.71 0.00	33.28 1.67 0.00	31.26 1.70 0.00	31.79 1.86 0.00	35.21 1.97 0.00	39.17 2.01 0.00	39.69 1.77 0.00	44.15 1.78 0.00	40.12 1.57 0.00	33.45 1.29 0.00	29.86 0.97 0.00
DELAWARE___LFGE 323621	24.56 0.35 0.00	18.79 0.26 0.00	18.70 0.27 0.00	19.66 0.29 0.00	19.07 0.28 0.00	22.92 0.36 0.00	30.52 0.50 0.00	27.59 0.46 0.00	26.30 0.43 0.00	22.55 0.38 0.00	25.21 0.47 0.00	28.07 0.51 0.00	32.13 0.53 0.00	32.34 0.57 0.00	32.21 0.60 0.00	30.13 0.57 0.00	30.58 0.65 0.00	33.98 0.74 0.00	38.03 0.87 0.00	38.81 0.89 0.00	43.31 0.95 0.00	39.39 0.84 0.00	32.82 0.66 0.00	29.40 0.51 0.00
DERFIELD_115KV_TB7 355931	24.27 0.06 0.00	18.56 0.04 0.00	18.46 0.04 0.00	19.41 0.04 0.00	18.83 0.04 0.00	22.60 0.04 0.00	30.05 0.03 0.00	27.14 0.02 0.00	25.87 0.00 0.00	22.17 0.00 0.00	24.77 0.03 0.00	27.59 0.03 0.00	31.64 0.03 0.00	31.80 0.03 0.00	31.65 0.03 0.00	29.59 0.03 0.00	29.96 0.03 0.00	33.28 0.03 0.00	37.20 0.04 0.00	37.97 0.05 0.00	42.41 0.04 0.00	38.59 0.04 0.00	32.22 0.06 0.00	28.94 0.05 0.00
DOGLEVILLE___HYD 23807	25.38 1.17 0.00	19.30 0.78 0.00	19.19 0.77 0.00	20.17 0.79 0.00	19.55 0.75 0.00	23.38 0.82 0.00	31.00 0.99 0.00	27.77 0.65 0.00	26.01 0.14 0.00	22.18 0.01 0.00	25.04 0.30 0.00	27.87 0.30 0.00	31.82 0.21 0.00	31.73 -0.03 0.00	31.50 -0.12 0.00	29.39 -0.18 0.00	29.79 -0.14 0.00	33.53 0.28 0.00	38.17 1.00 0.00	39.61 1.68 0.00	44.73 2.37 0.00	40.83 2.28 0.00	33.99 1.83 0.00	30.35 1.46 0.00
DUNKIRK___115KV_TB_200 55889	21.95 -2.26 0.00	17.10 -1.43 0.00	16.90 -1.52 0.00	17.92 -1.45 0.00	17.41 -1.38 0.00	20.95 -1.61 0.00	27.88 -2.13 0.00	24.64 -2.48 0.00	23.94 -1.93 0.00	20.52 -1.65 0.00	22.65 -2.00 0.10	25.32 -2.21 0.03	28.69 -2.26 0.67	25.12 -2.40 4.25	18.44 -2.45 10.73	23.26 -2.31 3.98	16.06 -2.45 11.42	18.22 -2.59 12.43	19.94 -3.31 13.91	26.31 -3.25 8.36	35.49 -3.62 3.25	23.45 -3.22 11.88	24.99 -2.72 4.45	26.03 -2.39 0.48
DUNKIRK___1 23563	21.95 -2.26 0.00	17.10 -1.43 0.00	16.90 -1.52 0.00	17.92 -1.45 0.00	17.41 -1.38 0.00	20.95 -1.61 0.00	27.88 -2.13 0.00	24.64 -2.48 0.00	23.94 -1.93 0.00	20.52 -1.65 0.00	22.65 -2.00 0.10	25.32 -2.21 0.03	28.69 -2.26 0.67	25.12 -2.40 4.25	18.44 -2.45 10.73	23.26 -2.31 3.98	16.06 -2.45 11.42	18.22 -2.59 12.43	19.94 -3.31 13.91	26.31 -3.25 8.36	35.49 -3.62 3.25	23.45 -3.22 11.88	24.99 -2.72 4.45	26.03 -2.39 0.48
DUNKIRK___2 23564	21.95 -2.26 0.00	17.10 -1.43 0.00	16.90 -1.52 0.00	17.92 -1.45 0.00	17.41 -1.38 0.00	20.95 -1.61 0.00	27.88 -2.13 0.00	24.64 -2.48 0.00	23.94 -1.93 0.00	20.52 -1.65 0.00	22.65 -2.00 0.10	25.32 -2.21 0.03	28.69 -2.26 0.67	25.12 -2.40 4.25	18.44 -2.45 10.73	23.26 -2.31 3.98	16.06 -2.45 11.42	18.22 -2.59 12.43	19.94 -3.31 13.91	26.31 -3.25 8.36	35.49 -3.62 3.25	23.45 -3.22 11.88	24.99 -2.72 4.45	26.03 -2.39 0.48
DUNKIRK___3 23565	21.89 -2.33 0.00	17.03 -1.49 0.00	16.86 -1.57 0.00	17.85 -1.53 0.00	17.34 -1.46 0.00	20.85 -1.72 0.00	27.75 -2.27 0.00	24.58 -2.54 0.00	23.88 -1.99 0.00	20.47 -1.70 0.00	22.59 -2.04 0.10	25.25 -2.28 0.04	28.56 -2.34 0.71	24.81 -2.42 4.53	17.72 -2.46 11.44	22.98 -2.33 4.26	15.31 -2.45 12.18	17.39 -2.59 13.26	19.05 -3.28 14.83	25.72 -3.28 8.92	35.18 -3.71 3.47	22.64 -3.24 12.67	24.70 -2.72 4.74	25.99 -2.40 0.51
DUNKIRK___4 23566	21.89 -2.33 0.00	17.03 -1.49 0.00	16.86 -1.57 0.00	17.85 -1.53 0.00	17.34 -1.46 0.00	20.85 -1.72 0.00	27.75 -2.27 0.00	24.58 -2.54 0.00	23.88 -1.99 0.00	20.47 -1.70 0.00	22.59 -2.04 0.10	25.25 -2.28 0.04	28.56 -2.34 0.71	24.81 -2.42 4.53	17.72 -2.46 11.44	22.98 -2.33 4.26	15.31 -2.45 12.18	17.39 -2.59 13.26	19.05 -3.28 14.83	25.72 -3.28 8.92	35.18 -3.71 3.47	22.64 -3.24 12.67	24.70 -2.72 4.74	25.99 -2.40 0.51
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.15 0.94 0.00	19.10 0.57 0.00	18.97 0.55 0.00	19.94 0.56 0.00	19.36 0.56 0.00	23.29 0.73 0.00	30.96 0.95 0.00	28.18 1.06 0.00	26.98 1.11 0.00	23.24 1.08 0.00	26.10 1.36 0.00	29.08 1.51 0.00	33.34 1.73 0.00	33.61 1.84 0.00	33.43 1.81 0.00	31.40 1.84 0.00	31.92 1.99 0.00	35.34 2.09 0.00	39.24 2.08 0.00	39.68 1.76 0.00	44.14 1.77 0.00	40.13 1.58 0.00	33.51 1.35 0.00	29.95 1.06 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.01 0.80 0.00	19.03 0.51 0.00	18.91 0.48 0.00	19.87 0.50 0.00	19.29 0.50 0.00	23.20 0.64 0.00	30.86 0.85 0.00	28.04 0.92 0.00	26.81 0.94 0.00	23.06 0.90 0.00	25.86 1.12 0.00	28.81 1.25 0.00	33.08 1.47 0.00	33.34 1.57 0.00	33.17 1.55 0.00	31.13 1.56 0.00	31.66 1.73 0.00	35.09 1.85 0.00	39.07 1.91 0.00	39.60 1.68 0.00	44.09 1.72 0.00	40.06 1.51 0.00	33.41 1.26 0.00	29.86 0.96 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	25.28 1.06 0.00	19.18 0.65 0.00	19.05 0.63 0.00	20.03 0.65 0.00	19.44 0.65 0.00	23.41 0.85 0.00	31.06 1.04 0.00	28.30 1.17 0.00	27.10 1.22 -0.01	23.34 1.17 -0.01	26.22 1.47 -0.01	29.20 1.63 -0.01	33.44 1.83 0.00	33.72 1.95 0.00	33.57 1.95 0.00	31.51 1.95 0.00	32.04 2.11 0.00	35.32 2.07 0.00	39.15 1.99 0.00	39.60 1.68 0.00	44.05 1.69 0.00	40.06 1.51 0.00	33.48 1.32 0.00	29.94 1.05 0.00

E179THST_13_KV_LOAD 356214	25.36 1.15 0.00	19.24 0.71 0.00	19.11 0.69 0.00	20.09 0.71 0.00	19.50 0.71 0.00	23.48 0.92 0.00	31.17 1.15 0.00	28.41 1.29 0.00	27.22 1.34 -0.01	23.45 1.28 -0.01	26.33 1.58 -0.01	29.34 1.77 -0.01	33.59 1.98 0.00	33.87 2.10 0.00	33.72 2.11 0.00	31.66 2.09 0.00	32.17 2.25 0.00	35.48 2.23 0.00	39.33 2.17 0.00	39.79 1.86 0.00	44.25 1.89 0.00	40.25 1.70 0.00	33.63 1.47 0.00	30.07 1.18 0.00
EAST HAMPTON___GT 23717	28.93 2.35 -2.37	24.90 1.62 -4.76	20.00 1.58 0.00	21.07 1.70 0.00	23.44 1.74 -2.91	24.66 2.10 0.00	32.74 2.73 0.00	29.24 2.12 0.00	27.70 1.83 0.00	23.98 1.82 0.00	26.67 1.93 0.00	29.18 1.61 0.00	33.50 1.89 0.00	34.17 2.41 0.00	33.26 1.64 0.00	31.76 1.87 -0.32	32.18 2.24 -0.01	37.15 3.15 -0.76	40.07 2.91 0.00	40.69 2.77 0.00	45.89 3.53 0.00	41.86 3.30 0.00	35.25 3.09 0.00	31.56 2.67 0.00
EAST RIVER___6 23660	25.20 0.99 0.00	19.12 0.59 0.00	19.00 0.57 0.00	19.97 0.59 0.00	19.40 0.60 0.00	23.34 0.78 0.00	30.57 0.99 0.44	28.20 1.08 0.00	27.05 1.18 0.00	23.33 1.16 0.00	26.21 1.48 0.00	29.21 1.65 0.00	33.42 1.87 0.05	33.67 1.97 0.06	33.50 1.95 0.06	31.54 1.99 0.01	32.06 2.14 0.02	35.35 2.21 0.11	39.11 2.18 0.23	39.49 1.81 0.24	43.79 1.80 0.38	39.88 1.59 0.26	33.42 1.33 0.06	29.90 1.02 0.01
EAST RIVER___7 23524	25.20 0.99 0.00	19.12 0.59 0.00	19.00 0.57 0.00	19.97 0.59 0.00	19.40 0.60 0.00	23.34 0.78 0.00	30.57 0.99 0.44	28.20 1.08 0.00	27.05 1.18 0.00	23.33 1.16 0.00	26.21 1.48 0.00	29.21 1.65 0.00	33.42 1.87 0.05	33.67 1.97 0.06	33.50 1.95 0.06	31.54 1.99 0.01	32.06 2.14 0.02	35.35 2.21 0.11	39.11 2.18 0.23	39.49 1.81 0.24	43.79 1.80 0.38	39.88 1.59 0.26	33.42 1.33 0.06	29.90 1.02 0.01
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.12 0.90 0.00	19.08 0.55 0.00	18.96 0.54 0.00	19.92 0.54 0.00	19.34 0.55 0.00	23.27 0.71 0.00	30.93 0.92 0.00	28.14 1.02 0.00	26.93 1.06 0.00	23.20 1.03 0.00	26.05 1.31 0.00	29.02 1.46 0.00	33.29 1.68 0.00	33.54 1.77 0.00	33.37 1.76 0.00	31.35 1.78 0.00	31.87 1.94 0.00	35.27 2.02 0.00	39.18 2.02 0.00	39.64 1.72 0.00	44.09 1.73 0.00	40.09 1.54 0.00	33.46 1.30 0.00	29.91 1.02 0.00
EAST_HAMPTON___DIESEL 23722	28.94 2.35 -2.37	24.90 1.62 -4.76	20.00 1.58 0.00	21.07 1.70 0.00	23.45 1.74 -2.91	24.66 2.11 0.00	32.75 2.73 0.00	29.24 2.12 0.00	27.69 1.82 0.00	23.97 1.80 0.00	26.65 1.91 0.00	29.14 1.57 0.00	33.46 1.85 0.00	34.15 2.38 0.00	33.23 1.61 0.00	31.73 1.84 -0.32	32.14 2.21 -0.01	37.13 3.13 -0.76	40.05 2.88 0.00	40.66 2.74 0.00	45.88 3.51 0.00	41.87 3.32 0.00	35.25 3.10 0.00	31.56 2.67 0.00
EAST_POINT___SOLAR 323840	25.20 0.99 0.00	19.30 0.77 0.00	19.19 0.77 0.00	20.19 0.82 0.00	19.56 0.77 0.00	23.57 1.00 0.00	31.27 1.25 0.00	27.46 0.33 0.00	25.86 -0.01 0.00	21.99 -0.18 0.00	24.72 -0.02 0.00	27.51 -0.06 0.00	31.44 -0.17 0.00	31.45 -0.32 0.00	31.17 -0.45 0.00	29.16 -0.40 0.00	29.56 -0.37 0.00	32.96 -0.28 0.00	37.32 0.15 0.00	39.17 1.25 0.00	44.64 2.27 0.00	40.76 2.21 0.00	33.87 1.72 0.00	30.28 1.39 0.00
EAST_PULASKI___ESR 323781	23.63 -0.58 0.00	18.09 -0.44 0.00	17.98 -0.44 0.00	18.89 -0.49 0.00	18.34 -0.46 0.00	22.04 -0.52 0.00	29.41 -0.60 0.00	26.42 -0.70 0.00	25.10 -0.78 0.00	21.47 -0.70 0.00	23.90 -0.84 0.00	26.58 -0.99 0.00	30.49 -1.12 0.00	30.63 -1.14 0.00	30.50 -1.11 0.00	28.48 -1.09 0.00	28.85 -1.08 0.00	32.01 -1.24 0.00	35.82 -1.34 0.00	36.75 -1.17 0.00	41.30 -1.06 0.00	37.60 -0.95 0.00	31.42 -0.74 0.00	28.27 -0.62 0.00
EAST_RIVER___1 323558	25.21 1.00 0.00	19.12 0.60 0.00	19.00 0.58 0.00	19.97 0.59 0.00	19.39 0.60 0.00	23.34 0.78 0.00	30.56 0.98 0.44	28.22 1.10 0.00	27.06 1.19 0.00	23.32 1.16 0.00	26.21 1.47 0.00	29.19 1.63 0.00	33.41 1.85 0.05	33.66 1.95 0.06	33.49 1.93 0.06	31.53 1.98 0.01	32.04 2.12 0.02	35.32 2.19 0.11	39.09 2.16 0.23	39.48 1.80 0.24	43.78 1.80 0.38	39.88 1.59 0.26	33.44 1.34 0.06	29.93 1.05 0.01
EAST_RIVER___2 323559	25.20 0.99 0.00	19.12 0.59 0.00	19.00 0.57 0.00	19.97 0.59 0.00	19.40 0.60 0.00	23.34 0.78 0.00	30.57 0.99 0.44	28.20 1.08 0.00	27.05 1.18 0.00	23.33 1.16 0.00	26.21 1.48 0.00	29.21 1.65 0.00	33.42 1.87 0.05	33.67 1.97 0.06	33.50 1.95 0.06	31.54 1.99 0.01	32.06 2.14 0.02	35.35 2.21 0.11	39.11 2.18 0.23	39.49 1.81 0.24	43.79 1.80 0.38	39.88 1.59 0.26	33.42 1.33 0.06	29.90 1.02 0.01
EAST___DELAWARE_HYD 23607	24.42 0.21 0.00	18.53 0.00 0.00	18.41 -0.02 0.00	19.34 -0.04 0.00	18.78 -0.02 0.00	22.60 0.03 0.00	30.09 0.08 0.00	27.36 0.23 0.00	26.30 0.43 0.00	22.56 0.40 0.00	25.26 0.51 0.00	28.14 0.58 0.00	32.29 0.69 0.00	32.53 0.76 0.00	32.31 0.70 0.00	30.32 0.75 0.00	30.90 0.96 0.00	34.34 1.09 0.00	38.31 1.15 0.00	38.94 1.02 0.00	43.35 0.99 0.00	39.39 0.84 0.00	32.80 0.64 0.00	29.29 0.40 0.00
EIGHT_POINT___WT_PWR 323820	22.62 -1.59 0.00	17.56 -0.96 0.00	17.45 -0.97 0.00	18.47 -0.91 0.00	17.95 -0.84 0.00	21.67 -0.89 0.00	28.76 -1.25 0.00	25.39 -1.73 0.00	24.25 -1.62 0.00	20.86 -1.31 0.00	23.33 -1.69 -0.27	25.73 -1.94 -0.10	31.56 -1.96 -1.90	41.93 -2.00 -12.16	60.41 -1.96 -30.75	39.45 -1.82 -11.70	60.98 -1.67 -32.71	67.27 -1.60 -35.63	75.32 -1.69 -39.85	60.50 -1.39 -23.97	50.45 -1.24 -9.32	71.20 -1.39 -34.05	43.33 -1.57 -12.74	28.64 -1.61 -1.36
ELBRIDGE_115KV_TB2 80188	23.65 -0.56 0.00	18.12 -0.40 0.00	18.01 -0.42 0.00	18.97 -0.40 0.00	18.42 -0.37 0.00	22.14 -0.42 0.00	29.44 -0.57 0.00	26.57 -0.56 0.00	25.29 -0.59 0.00	21.65 -0.52 0.00	24.13 -0.61 0.00	26.90 -0.66 0.00	30.92 -0.69 0.00	31.08 -0.69 0.00	30.92 -0.70 0.00	28.86 -0.70 0.00	29.24 -0.69 0.00	32.43 -0.81 0.00	36.26 -0.90 0.00	37.06 -0.86 0.00	41.45 -0.92 0.00	37.76 -0.79 0.00	31.44 -0.72 0.00	28.29 -0.60 0.00
ELEC_TRO_TEK 24086	25.39 1.18 0.00	19.27 0.75 0.00	19.18 0.75 0.00	20.13 0.76 0.00	19.56 0.77 0.00	23.51 0.95 0.00	31.27 1.25 0.00	28.37 1.24 0.00	27.13 1.26 0.00	23.45 1.28 0.00	26.29 1.55 0.00	29.26 1.70 0.00	33.53 1.92 0.00	33.83 2.07 0.00	33.56 1.94 0.00	32.13 2.00 -0.56	32.14 2.20 -0.01	36.90 2.33 -1.33	39.29 2.12 0.00	39.81 1.89 0.00	44.38 2.02 0.00	40.42 1.87 0.00	33.79 1.64 0.00	30.20 1.31 0.00
ELLENBURG_WT_PWR 323604	24.29 0.08 0.00	18.61 0.09 0.00	18.52 0.09 0.00	19.51 0.14 0.00	18.93 0.14 0.00	22.70 0.14 0.00	30.24 0.23 0.00	27.33 0.21 0.00	26.07 0.20 0.00	22.28 0.11 0.00	24.77 0.03 0.00	27.56 0.00 0.00	31.56 -0.04 0.00	31.73 -0.04 0.00	31.62 0.01 0.00	29.59 0.03 0.00	29.96 0.03 0.00	33.36 0.12 0.00	37.35 0.18 0.00	38.18 0.26 0.00	42.75 0.38 0.00	38.87 0.32 0.00	32.35 0.20 0.00	29.03 0.14 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.65 -2.56 0.00	16.82 -1.70 0.00	16.66 -1.76 0.00	17.59 -1.79 0.00	17.09 -1.71 0.00	20.62 -1.94 0.00	27.45 -2.56 0.00	24.52 -2.60 0.00	23.79 -2.08 0.00	20.38 -1.79 0.00	22.51 -2.13 0.11	25.13 -2.40 0.04	28.46 -2.36 0.79	24.37 -2.35 5.06	16.48 -2.36 12.77	22.51 -2.28 4.77	14.04 -2.30 13.59	15.99 -2.45 14.80	17.54 -3.07 16.56	24.83 -3.13 9.96	34.89 -3.60 3.87	21.34 -3.06 14.15	24.32 -2.54 5.30	26.11 -2.22 0.57
EMPIRE_CC_1 323656	25.00 0.78 0.00	19.10 0.58 0.00	19.00 0.58 0.00	19.98 0.61 0.00	19.38 0.59 0.00	23.23 0.67 0.00	30.80 0.79 0.00	27.87 0.74 0.00	26.56 0.69 0.00	22.82 0.65 0.00	25.58 0.84 0.00	28.47 0.91 0.00	32.59 0.98 0.00	32.72 0.96 0.00	32.59 0.97 0.00	30.45 0.89 0.00	30.76 0.83 0.00	34.21 0.96 0.00	38.37 1.21 0.00	39.06 1.14 0.00	43.63 1.26 0.00	39.71 1.16 0.00	33.16 1.00 0.00	29.79 0.90 0.00
EMPIRE_CC_2 323658	25.00 0.78 0.00	19.10 0.58 0.00	19.00 0.58 0.00	19.98 0.61 0.00	19.38 0.59 0.00	23.23 0.67 0.00	30.80 0.79 0.00	27.87 0.74 0.00	26.56 0.69 0.00	22.82 0.65 0.00	25.58 0.84 0.00	28.47 0.91 0.00	32.59 0.98 0.00	32.72 0.96 0.00	32.59 0.97 0.00	30.45 0.89 0.00	30.76 0.83 0.00	34.21 0.96 0.00	38.37 1.21 0.00	39.06 1.14 0.00	43.63 1.26 0.00	39.71 1.16 0.00	33.16 1.00 0.00	29.79 0.90 0.00
ENORWICH_115KV_TB1 80156	25.09 0.88 0.00	19.32 0.79 0.00	19.18 0.76 0.00	20.23 0.85 0.00	19.61 0.81 0.00	23.60 1.04 0.00	31.31 1.29 0.00	28.07 0.94 0.00	26.38 0.51 0.00	22.34 0.17 0.00	24.84 0.08 -0.02	27.84 0.27 -0.01	32.14 0.39 -0.14	33.03 0.34 -0.93	34.43 0.41 -2.40	30.89 0.43 -0.89	33.26 0.78 -2.55	37.04 1.01 -2.78	41.71 1.44 -3.11	42.11 2.32 -1.87	46.07 2.99 -0.73	43.85 2.64 -2.66	35.14 1.99 -0.99	30.57 1.57 -0.11
ERIE_ST__34_KV_TB1-2 80199	21.91 -2.30 0.00	17.01 -1.51 0.00	16.85 -1.58 0.00	17.79 -1.59 0.00	17.27 -1.53 0.00	20.79 -1.77 0.00	27.70 -2.32 0.00	24.79 -2.34 0.00	24.05 -1.82 0.00	20.59 -1.57 0.00	22.77 -1.88 0.09	25.39 -2.14 0.03	28.77 -2.20 0.65	25.48 -2.16 4.13	19.03 -2.16 10.42	23.58 -2.11 3.87	16.73 -2.11 11.09	18.94 -2.23 12.08	20.84 -2.81 13.51	26.90 -2.90 8.13	35.82 -3.39 3.16	24.20 -2.81 11.54	25.51 -2.33 4.32	26.33 -2.10 0.46
ERIE_WT_PWR 323693	21.83 -2.38 0.00	16.96 -1.57 0.00	16.79 -1.63 0.00	17.74 -1.64 0.00	17.21 -1.58 0.00	20.73 -1.84 0.00	27.56 -2.45 0.00	24.65 -2.47 0.00	23.89 -1.99 0.00	20.47 -1.70 0.00	22.61 -2.03 0.10	25.23 -2.29 0.04	28.51 -2.39 0.71	24.83 -2.40 4.54	17.76 -2.38 11.47	22.97 -2.32 4.27	15.39 -2.33 12.21	17.49 -2.46 13.30	19.20 -3.08 14.87	25.81 -3.17 8.95	35.23 -3.65 3.48	22.79 -3.05 12.71	24.84 -2.56 4.76	26.15 -2.23 0.51
ESPRGFLD_115KV_TB1 80157	24.62 0.41 0.00	18.88 0.36 0.00	18.79 0.37 0.00	19.78 0.41 0.00	19.14 0.35 0.00	23.03 0.47 0.00	30.76 0.75 0.00	27.67 0.54 0.00	26.30 0.43 0.00	22.47 0.31 0.00	25.12 0.38 0.00	27.93 0.36 0.00	32.01 0.40 0.00	32.19 0.42 0.00	31.98 0.37 0.00	29.91 0.35 0.00	30.33 0.40 0.00	33.73 0.48 0.00	37.88 0.72 0.00	38.98 1.06 0.00	43.67 1.31 0.00	39.81 1.26 0.00	33.11 0.95 0.00	29.63 0.74 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	24.15 -0.07 0.00	18.51 -0.01 0.00	18.39 -0.03 0.00	19.38 0.00 0.00	18.81 0.02 0.00	22.61 0.05 0.00	30.06 0.04 0.00	27.06 -0.06 0.00	25.64 -0.23 0.00	21.88 -0.29 0.00	24.40 -0.37 -0.03	27.20 -0.37 -0.01	31.49 -0.34 -0.22	32.87 -0.32 -1.43	34.95 -0.29 -3.62	30.59 -0.33 -1.36	33.54 -0.24 -3.85	37.22 -0.22 -4.19	41.76 -0.09 -4.69	40.93 0.18 -2.82	43.85 0.39 -1.10	42.91 0.36 -4.01	33.86 0.21 -1.50	29.17 0.12 -0.16
ETNA____115KV_TB2 80207	24.15 -0.07 0.00	18.51 -0.01 0.00	18.39 -0.03 0.00	19.38 0.00 0.00	18.81 0.02 0.00	22.61 0.05 0.00	30.06 0.04 0.00	27.06 -0.06 0.00	25.64 -0.23 0.00	21.88 -0.29 0.00	24.40 -0.37 -0.03	27.20 -0.37 -0.01	31.49 -0.34 -0.22	32.87 -0.32 -1.43	34.95 -0.29 -3.62	30.59 -0.33 -1.36	33.54 -0.24 -3.85	37.22 -0.22 -4.19	41.76 -0.09 -4.69	40.93 0.18 -2.82	43.85 0.39 -1.10	42.91 0.36 -4.01	33.86 0.21 -1.50	29.17 0.12 -0.16
EUCLID__115KV_TB2 356179	23.56 -0.65 0.00	18.05 -0.47 0.00	17.94 -0.49 0.00	18.87 -0.51 0.00	18.32 -0.48 0.00	22.00 -0.56 0.00	29.29 -0.72 0.00	26.43 -0.69 0.00	25.21 -0.67 0.00	21.57 -0.59 0.00	24.07 -0.67 0.00	26.84 -0.73 0.00	30.83 -0.78 0.00	30.98 -0.79 0.00	30.82 -0.79 0.00	28.78 -0.79 0.00	29.12 -0.81 0.00	32.32 -0.93 0.00	36.09 -1.07 0.00	36.87 -1.06 0.00	41.17 -1.19 0.00	37.46 -1.09 0.00	31.25 -0.91 0.00	28.09 -0.80 0.00
E_CANADA_CAP_HY 24051	24.82 0.61 0.00	19.03 0.50 0.00	18.93 0.51 0.00	19.92 0.54 0.00	19.26 0.47 0.00	23.17 0.61 0.00	30.89 0.88 0.00	27.61 0.49 0.00	26.16 0.29 0.00	22.33 0.17 0.00	25.00 0.26 0.00	27.79 0.23 0.00	31.83 0.22 0.00	31.95 0.18 0.00	31.67 0.05 0.00	29.61 0.05 0.00	30.02 0.09 0.00	33.39 0.14 0.00	37.58 0.42 0.00	38.88 0.96 0.00	43.79 1.42 0.00	40.00 1.45 0.00	33.30 1.14 0.00	29.82 0.93 0.00
E_CANADA_MHWK_HY 24050	25.38 1.17 0.00	19.31 0.78 0.00	19.19 0.77 0.00	20.17 0.79 0.00	19.55 0.75 0.00	23.38 0.82 0.00	31.00 0.99 0.00	27.77 0.65 0.00	26.02 0.14 0.00	22.18 0.01 0.00	25.04 0.30 0.00	27.87 0.31 0.00	31.82 0.21 0.00	31.73 -0.04 0.00	31.50 -0.12 0.00	29.39 -0.18 0.00	29.79 -0.14 0.00	33.53 0.28 0.00	38.17 1.00 0.00	39.60 1.68 0.00	44.72 2.36 0.00	40.83 2.28 0.00	33.99 1.83 0.00	30.35 1.46 0.00
E_FISHKILL__LBMP 23776	25.02 0.80 0.00	19.02 0.50 0.00	18.91 0.48 0.00	19.87 0.49 0.00	19.28 0.49 0.00	23.19 0.63 0.00	30.83 0.81 0.00	28.02 0.89 0.00	26.81 0.94 0.00	23.08 0.91 0.00	25.90 1.16 0.00	28.86 1.30 0.00	33.10 1.49 0.00	33.33 1.56 0.00	33.18 1.56 0.00	31.15 1.58 0.00	31.66 1.73 0.00	35.06 1.81 0.00	38.98 1.82 0.00	39.48 1.56 0.00	43.92 1.56 0.00	39.93 1.38 0.00	33.33 1.18 0.00	29.81 0.92 0.00
FALCON__SEABRD_CC1 323796	24.51 0.30 0.00	18.78 0.25 0.00	18.68 0.25 0.00	19.73 0.35 0.00	19.15 0.36 0.00	22.93 0.36 0.00	30.55 0.53 0.00	27.61 0.49 0.00	26.31 0.44 0.00	22.48 0.31 0.00	24.98 0.24 0.00	27.80 0.24 0.00	31.86 0.24 0.00	32.02 0.25 0.00	31.92 0.31 0.00	29.88 0.32 0.00	30.28 0.34 0.00	33.74 0.49 0.00	37.77 0.61 0.00	38.62 0.70 0.00	43.22 0.86 0.00	39.29 0.74 0.00	32.69 0.53 0.00	29.31 0.42 0.00
FALCON__SEABRD_CC2 323797	24.51 0.30 0.00	18.78 0.25 0.00	18.68 0.25 0.00	19.73 0.35 0.00	19.15 0.36 0.00	22.93 0.36 0.00	30.55 0.53 0.00	27.61 0.49 0.00	26.31 0.44 0.00	22.48 0.31 0.00	24.98 0.24 0.00	27.80 0.24 0.00	31.86 0.24 0.00	32.02 0.25 0.00	31.92 0.31 0.00	29.88 0.32 0.00	30.28 0.34 0.00	33.74 0.49 0.00	37.77 0.61 0.00	38.62 0.70 0.00	43.22 0.86 0.00	39.29 0.74 0.00	32.69 0.53 0.00	29.31 0.42 0.00

FAR ROCKAWAY___4 23548	25.65 1.44 0.00	19.46 0.94 0.00	19.36 0.93 0.00	20.32 0.95 0.00	19.74 0.95 0.00	23.74 1.18 0.00	31.59 1.57 0.00	28.64 1.52 0.00	27.41 1.53 0.00	23.69 1.52 0.00	26.57 1.83 0.00	29.58 2.01 0.00	33.90 2.30 0.00	34.24 2.47 0.00	33.94 2.32 0.00	32.49 2.35 -0.58	32.51 2.57 -0.01	37.35 2.73 -1.37	39.77 2.61 0.00	40.29 2.37 0.00	44.91 2.55 0.00	40.90 2.34 0.00	34.17 2.01 0.00	30.51 1.62 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.23 1.02 0.00	19.14 0.61 0.00	19.01 0.59 0.00	19.97 0.60 0.00	19.40 0.61 0.00	23.35 0.79 0.00	31.01 0.99 0.00	28.25 1.13 0.00	27.07 1.20 0.00	23.34 1.17 0.00	26.22 1.48 0.00	29.22 1.66 0.00	33.49 1.88 0.00	33.75 1.98 0.00	33.58 1.97 0.00	31.57 2.00 0.00	32.08 2.15 0.00	35.47 2.22 0.00	39.35 2.18 0.00	39.75 1.83 0.00	44.18 1.82 0.00	40.16 1.61 0.00	33.53 1.38 0.00	29.97 1.07 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.23 1.02 0.00	19.14 0.61 0.00	19.01 0.59 0.00	19.97 0.60 0.00	19.40 0.61 0.00	23.35 0.79 0.00	31.00 0.99 0.00	28.25 1.12 0.00	27.07 1.20 0.00	23.33 1.16 0.00	26.21 1.47 0.00	29.21 1.65 0.00	33.47 1.86 0.00	33.75 1.98 0.00	33.57 1.95 0.00	31.55 1.99 0.00	32.07 2.14 0.00	35.46 2.21 0.00	39.34 2.18 0.00	39.75 1.82 0.00	44.18 1.82 0.00	40.16 1.61 0.00	33.53 1.37 0.00	29.97 1.07 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.22 1.01 0.00	19.12 0.60 0.00	19.00 0.58 0.00	19.97 0.59 0.00	19.39 0.60 0.00	23.34 0.78 0.00	30.99 0.98 0.00	28.24 1.11 0.00	27.06 1.19 0.00	23.33 1.16 0.00	26.21 1.47 0.00	29.20 1.64 0.00	33.46 1.85 0.00	33.74 1.97 0.00	33.56 1.95 0.00	31.55 1.99 0.00	32.06 2.13 0.00	35.46 2.21 0.00	39.33 2.16 0.00	39.73 1.80 0.00	44.16 1.79 0.00	40.15 1.60 0.00	33.51 1.35 0.00	29.95 1.06 0.00
FARRAGUT___LBMP 323566	25.21 0.99 0.00	19.12 0.59 0.00	18.99 0.57 0.00	19.96 0.58 0.00	19.38 0.59 0.00	23.33 0.77 0.00	30.97 0.96 0.00	28.22 1.09 0.00	27.04 1.17 0.00	23.30 1.14 0.00	26.19 1.44 0.00	29.18 1.61 0.00	33.43 1.82 0.00	33.71 1.94 0.00	33.54 1.92 0.00	31.52 1.96 0.00	32.03 2.10 0.00	35.42 2.18 0.00	39.30 2.14 0.00	39.69 1.77 0.00	44.13 1.77 0.00	40.11 1.57 0.00	33.49 1.33 0.00	29.93 1.04 0.00
FARRCKWY_69_KV_BK2 55825	25.65 1.44 0.00	19.46 0.94 0.00	19.36 0.93 0.00	20.32 0.95 0.00	19.74 0.95 0.00	23.74 1.18 0.00	31.59 1.57 0.00	28.64 1.52 0.00	27.41 1.53 0.00	23.69 1.52 0.00	26.57 1.83 0.00	29.58 2.01 0.00	33.90 2.30 0.00	34.24 2.47 0.00	33.94 2.32 0.00	32.49 2.35 -0.58	32.51 2.57 -0.01	37.35 2.73 -1.37	39.77 2.61 0.00	40.29 2.37 0.00	44.91 2.55 0.00	40.90 2.34 0.00	34.17 2.01 0.00	30.51 1.62 0.00
FENNER___WINDPWR 24204	24.37 0.16 0.00	18.65 0.12 0.00	18.56 0.13 0.00	19.52 0.14 0.00	18.93 0.14 0.00	22.76 0.20 0.00	30.28 0.27 0.00	27.21 0.08 0.00	25.83 -0.04 0.00	22.07 -0.09 0.00	24.65 -0.09 0.00	27.48 -0.08 0.00	31.55 -0.05 0.00	31.71 -0.06 0.00	31.57 -0.04 0.00	29.50 -0.07 0.00	29.90 -0.03 0.00	33.33 0.08 0.00	37.37 0.21 0.00	38.31 0.39 0.00	42.93 0.56 0.00	39.07 0.53 0.00	32.56 0.40 0.00	29.17 0.28 0.00
FIBERTEK___ENERGY 23856	23.78 -0.44 0.00	18.21 -0.31 0.00	18.10 -0.32 0.00	19.05 -0.32 0.00	18.49 -0.30 0.00	22.23 -0.33 0.00	29.59 -0.43 0.00	26.69 -0.43 0.00	25.42 -0.46 0.00	21.75 -0.42 0.00	24.25 -0.49 0.00	27.05 -0.52 0.00	31.08 -0.52 0.00	31.24 -0.53 0.00	31.08 -0.54 0.00	29.01 -0.55 0.00	29.39 -0.54 0.00	32.62 -0.63 0.00	36.47 -0.69 0.00	37.29 -0.63 0.00	41.68 -0.68 0.00	37.93 -0.62 0.00	31.60 -0.56 0.00	28.41 -0.49 0.00
FITZPATRICK___ 23598	23.35 -0.86 0.00	17.88 -0.64 0.00	17.78 -0.65 0.00	18.70 -0.67 0.00	18.15 -0.64 0.00	21.80 -0.77 0.00	29.00 -1.01 0.00	26.19 -0.94 0.00	24.97 -0.90 0.00	21.38 -0.79 0.00	23.86 -0.88 0.00	26.59 -0.98 0.00	30.52 -1.09 0.00	30.67 -1.09 0.00	30.52 -1.10 0.00	28.49 -1.07 0.00	28.81 -1.13 0.00	31.93 -1.32 0.00	35.63 -1.53 0.00	36.38 -1.55 0.00	40.62 -1.74 0.00	36.98 -1.57 0.00	30.87 -1.29 0.00	27.78 -1.12 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.24 1.03 0.00	19.19 0.67 0.00	19.08 0.66 0.00	20.04 0.67 0.00	19.46 0.67 0.00	23.40 0.84 0.00	31.15 1.14 0.00	28.32 1.20 0.00	27.22 1.35 0.00	23.42 1.25 0.00	26.16 1.42 0.00	29.10 1.53 0.00	33.39 1.78 0.00	33.64 1.87 0.00	33.48 1.87 0.00	31.43 1.87 0.00	31.97 2.04 0.00	35.45 2.21 0.00	39.47 2.31 0.00	40.01 2.08 0.00	44.51 2.15 0.00	40.43 1.88 0.00	33.71 1.56 0.00	30.12 1.22 0.00
FORT ORANGE___ 23900	24.88 0.66 0.00	19.02 0.49 0.00	18.92 0.50 0.00	19.89 0.52 0.00	19.29 0.49 0.00	23.09 0.53 0.00	30.55 0.54 0.00	27.61 0.49 0.00	26.25 0.38 0.00	22.53 0.37 0.00	25.26 0.51 0.00	28.10 0.54 0.00	32.11 0.51 0.00	32.17 0.40 0.00	32.04 0.42 0.00	29.95 0.38 0.00	30.27 0.34 0.00	33.68 0.44 0.00	37.78 0.62 0.00	38.56 0.64 0.00	43.07 0.70 0.00	39.18 0.62 0.00	32.73 0.57 0.00	29.46 0.56 0.00
FORT_DRUM_COGEN 23780	24.04 -0.17 0.00	18.36 -0.16 0.00	18.25 -0.17 0.00	19.13 -0.25 0.00	18.57 -0.22 0.00	22.30 -0.26 0.00	29.88 -0.14 0.00	26.53 -0.60 0.00	25.02 -0.85 0.00	21.39 -0.77 0.00	23.68 -1.06 0.00	26.20 -1.36 0.00	29.94 -1.67 0.00	30.03 -1.74 0.00	29.97 -1.65 0.00	28.02 -1.54 0.00	28.56 -1.37 0.00	31.77 -1.48 0.00	35.72 -1.45 0.00	36.88 -1.04 0.00	41.98 -0.38 0.00	38.26 -0.29 0.00	32.12 -0.04 0.00	28.95 0.06 0.00
FOX_HILLS___ESR 323835	25.32 1.11 0.00	19.23 0.71 0.00	19.10 0.68 0.00	20.07 0.70 0.00	19.48 0.69 0.00	23.47 0.90 0.00	31.17 1.15 0.00	28.38 1.25 0.00	27.20 1.32 -0.01	23.40 1.22 -0.01	26.29 1.55 -0.01	29.30 1.73 -0.01	33.62 2.02 0.00	33.92 2.15 0.00	33.79 2.17 0.00	31.71 2.14 0.00	32.22 2.29 0.00	35.57 2.32 0.00	39.39 2.23 0.00	39.84 1.92 0.00	44.31 1.95 0.00	40.29 1.74 0.00	33.62 1.46 0.00	30.06 1.16 0.00
FPL_FAR_ROCK_GT1 24212	25.65 1.43 0.00	19.46 0.94 0.00	19.36 0.93 0.00	20.32 0.94 0.00	19.74 0.95 0.00	23.74 1.18 0.00	31.59 1.58 0.00	28.64 1.52 0.00	27.40 1.53 0.00	23.69 1.52 0.00	26.57 1.83 0.00	29.57 2.01 0.00	33.90 2.29 0.00	34.23 2.46 0.00	33.92 2.31 0.00	32.49 2.35 -0.58	32.50 2.56 -0.01	37.34 2.72 -1.37	39.76 2.60 0.00	40.29 2.37 0.00	44.91 2.55 0.00	40.89 2.34 0.00	34.16 2.00 0.00	30.51 1.62 0.00
FPL_FAR_ROCK_GT2 23815	25.65 1.43 0.00	19.46 0.94 0.00	19.36 0.93 0.00	20.32 0.94 0.00	19.74 0.95 0.00	23.74 1.18 0.00	31.59 1.58 0.00	28.64 1.52 0.00	27.40 1.53 0.00	23.69 1.52 0.00	26.57 1.83 0.00	29.57 2.01 0.00	33.90 2.29 0.00	34.23 2.46 0.00	33.92 2.31 0.00	32.49 2.35 -0.58	32.50 2.56 -0.01	37.34 2.72 -1.37	39.76 2.60 0.00	40.29 2.37 0.00	44.91 2.55 0.00	40.89 2.34 0.00	34.16 2.00 0.00	30.51 1.62 0.00

FRANKLIN_FALL_HYD 24054	24.35 0.13 0.00	18.66 0.13 0.00	18.55 0.13 0.00	19.55 0.17 0.00	18.97 0.17 0.00	22.73 0.17 0.00	30.34 0.32 0.00	27.31 0.18 0.00	26.02 0.15 0.00	22.20 0.03 0.00	24.64 -0.10 0.00	27.33 -0.23 0.00	31.29 -0.32 0.00	31.44 -0.33 0.00	31.31 -0.31 0.00	29.28 -0.28 0.00	29.65 -0.28 0.00	33.06 -0.18 0.00	37.09 -0.08 0.00	38.06 0.14 0.00	42.83 0.46 0.00	38.97 0.42 0.00	32.43 0.28 0.00	29.14 0.24 0.00
FREEPORT_EQUS_GT1 23764	25.58 1.37 0.00	19.40 0.88 0.00	19.31 0.88 0.00	20.26 0.89 0.00	19.69 0.90 0.00	23.66 1.10 0.00	31.48 1.46 0.00	28.53 1.41 0.00	27.28 1.41 0.00	23.58 1.41 0.00	26.44 1.69 0.00	29.41 1.85 0.00	33.68 2.07 0.00	34.00 2.24 0.00	33.69 2.08 0.00	32.15 2.16 -0.43	32.34 2.40 -0.01	36.80 2.55 -1.01	39.52 2.36 0.00	40.06 2.13 0.00	44.67 2.31 0.00	40.70 2.15 0.00	34.03 1.87 0.00	30.41 1.52 0.00
FREEPORT___CT2 23818	25.58 1.37 0.00	19.40 0.88 0.00	19.31 0.88 0.00	20.26 0.89 0.00	19.69 0.90 0.00	23.66 1.10 0.00	31.48 1.46 0.00	28.53 1.41 0.00	27.28 1.41 0.00	23.58 1.41 0.00	26.44 1.69 0.00	29.41 1.85 0.00	33.68 2.07 0.00	34.00 2.24 0.00	33.69 2.08 0.00	32.15 2.16 -0.43	32.34 2.40 -0.01	36.80 2.55 -1.01	39.52 2.36 0.00	40.06 2.13 0.00	44.67 2.31 0.00	40.70 2.15 0.00	34.03 1.87 0.00	30.41 1.52 0.00
FRESHKLS_33_KV_LOAD 356253	25.44 1.22 0.00	19.33 0.81 0.00	19.20 0.78 0.00	20.17 0.80 0.00	19.58 0.79 0.00	23.59 1.03 0.00	31.33 1.31 0.00	28.50 1.37 0.00	27.32 1.44 -0.01	23.47 1.30 -0.01	26.37 1.62 -0.01	29.38 1.81 -0.01	33.74 2.13 0.00	34.05 2.28 0.00	33.93 2.31 0.00	31.83 2.26 0.00	32.33 2.40 0.00	35.68 2.43 0.00	39.47 2.31 0.00	39.95 2.03 0.00	44.43 2.07 0.00	40.40 1.85 0.00	33.71 1.55 0.00	30.13 1.23 0.00
FULTON COGEN____ 23766	23.33 -0.88 0.00	17.87 -0.65 0.00	17.76 -0.66 0.00	18.69 -0.69 0.00	18.13 -0.66 0.00	21.79 -0.77 0.00	29.01 -1.00 0.00	26.19 -0.94 0.00	24.96 -0.91 0.00	21.35 -0.82 0.00	23.82 -0.93 0.00	26.54 -1.02 0.00	30.47 -1.13 0.00	30.62 -1.15 0.00	30.47 -1.15 0.00	28.45 -1.11 0.00	28.78 -1.15 0.00	31.92 -1.33 0.00	35.65 -1.51 0.00	36.48 -1.44 0.00	40.80 -1.56 0.00	37.19 -1.36 0.00	31.02 -1.13 0.00	27.89 -1.00 0.00
FULTON___LFGE 323630	25.01 0.80 0.00	19.14 0.62 0.00	19.05 0.62 0.00	20.03 0.66 0.00	19.40 0.61 0.00	23.34 0.78 0.00	31.07 1.05 0.00	27.75 0.62 0.00	26.12 0.25 0.00	22.20 0.03 0.00	24.89 0.15 0.00	27.70 0.14 0.00	31.67 0.06 0.00	31.80 0.03 0.00	31.54 -0.08 0.00	29.49 -0.08 0.00	29.90 -0.03 0.00	33.30 0.05 0.00	37.62 0.46 0.00	39.08 1.16 0.00	44.17 1.80 0.00	40.30 1.75 0.00	33.52 1.37 0.00	30.00 1.11 0.00
G.F.CEMENT___DRP 24184	25.15 0.94 0.00	19.17 0.65 0.00	19.04 0.62 0.00	20.05 0.67 0.00	19.47 0.67 0.00	23.43 0.86 0.00	31.13 1.12 0.00	28.14 1.02 0.00	26.75 0.88 0.00	22.87 0.70 0.00	25.56 0.82 0.00	28.37 0.81 0.00	32.48 0.88 0.00	32.60 0.83 0.00	32.40 0.79 0.00	30.39 0.82 0.00	30.75 0.82 0.00	34.34 1.10 0.00	38.76 1.59 0.00	39.65 1.73 0.00	44.27 1.91 0.00	40.29 1.74 0.00	33.53 1.37 0.00	30.01 1.11 0.00
GARDENVILLE___LBMP 24039	21.78 -2.43 0.00	16.92 -1.60 0.00	16.76 -1.67 0.00	17.70 -1.67 0.00	17.19 -1.60 0.00	20.69 -1.87 0.00	27.54 -2.48 0.00	24.57 -2.55 0.00	23.83 -2.05 0.00	20.41 -1.76 0.00	22.53 -2.09 0.12	25.16 -2.36 0.04	28.35 -2.46 0.81	24.15 -2.48 5.14	16.15 -2.49 12.98	22.31 -2.40 4.85	13.70 -2.42 13.81	15.61 -2.59 15.04	17.11 -3.22 16.82	24.52 -3.28 10.12	34.69 -3.74 3.94	20.99 -3.19 14.37	24.13 -2.65 5.38	26.01 -2.31 0.57
GARDNVLA_35_KV_LD 355827	21.85 -2.36 0.00	16.97 -1.55 0.00	16.81 -1.62 0.00	17.74 -1.63 0.00	17.23 -1.57 0.00	20.73 -1.83 0.00	27.62 -2.39 0.00	24.67 -2.46 0.00	23.94 -1.94 0.00	20.50 -1.67 0.00	22.65 -1.99 0.10	25.28 -2.25 0.03	28.60 -2.33 0.68	25.09 -2.36 4.32	18.33 -2.37 10.91	23.22 -2.28 4.06	16.02 -2.30 11.61	18.15 -2.45 12.65	19.96 -3.06 14.15	26.30 -3.12 8.51	35.49 -3.56 3.31	23.43 -3.03 12.09	25.11 -2.53 4.52	26.21 -2.20 0.48
GELCKHM___115KV_LOAD 80723	23.65 -0.56 0.00	18.11 -0.41 0.00	18.00 -0.42 0.00	18.94 -0.43 0.00	18.38 -0.41 0.00	22.09 -0.47 0.00	29.41 -0.60 0.00	26.53 -0.59 0.00	25.29 -0.58 0.00	21.64 -0.53 0.00	24.14 -0.60 0.00	26.92 -0.64 0.00	30.93 -0.68 0.00	31.09 -0.67 0.00	30.92 -0.70 0.00	28.87 -0.69 0.00	29.23 -0.70 0.00	32.43 -0.82 0.00	36.25 -0.91 0.00	37.03 -0.89 0.00	41.35 -1.01 0.00	37.64 -0.91 0.00	31.38 -0.78 0.00	28.20 -0.69 0.00
GENERAL___MILLS 23808	21.82 -2.39 0.00	16.95 -1.58 0.00	16.79 -1.64 0.00	17.72 -1.66 0.00	17.21 -1.59 0.00	20.71 -1.85 0.00	27.58 -2.44 0.00	24.63 -2.50 0.00	23.88 -1.99 0.00	20.46 -1.71 0.00	22.60 -2.03 0.10	25.22 -2.30 0.04	28.51 -2.39 0.71	24.81 -2.41 4.54	17.72 -2.42 11.47	22.95 -2.34 4.27	15.36 -2.36 12.21	17.43 -2.52 13.30	19.16 -3.13 14.87	25.78 -3.20 8.95	35.24 -3.65 3.48	22.74 -3.10 12.71	24.82 -2.58 4.76	26.14 -2.25 0.51
GE_PLASTICS___DRP 24183	24.76 0.55 0.00	18.92 0.39 0.00	18.82 0.40 0.00	19.80 0.42 0.00	19.19 0.40 0.00	23.00 0.44 0.00	30.47 0.45 0.00	27.57 0.44 0.00	26.25 0.37 0.00	22.53 0.37 0.00	25.25 0.51 0.00	28.12 0.56 0.00	32.20 0.59 0.00	32.36 0.59 0.00	32.22 0.61 0.00	30.13 0.57 0.00	30.51 0.58 0.00	33.90 0.65 0.00	37.94 0.78 0.00	38.66 0.73 0.00	43.14 0.78 0.00	39.25 0.70 0.00	32.78 0.62 0.00	29.49 0.59 0.00
GILBOA___1 23756	24.65 0.44 0.00	18.83 0.30 0.00	18.77 0.35 0.00	19.74 0.36 0.00	19.15 0.36 0.00	22.92 0.36 0.00	30.46 0.44 0.00	27.58 0.46 0.00	26.29 0.42 0.00	22.57 0.41 0.00	25.27 0.53 0.00	28.15 0.58 0.00	32.27 0.67 0.00	32.45 0.68 0.00	32.30 0.69 0.00	30.23 0.66 0.00	30.65 0.72 0.00	34.03 0.78 0.00	38.02 0.85 0.00	38.70 0.77 0.00	43.18 0.82 0.00	39.28 0.73 0.00	32.77 0.61 0.00	29.39 0.49 0.00
GILBOA___2 23757	24.65 0.44 0.00	18.83 0.30 0.00	18.77 0.35 0.00	19.74 0.36 0.00	19.15 0.36 0.00	22.92 0.36 0.00	30.46 0.44 0.00	27.58 0.46 0.00	26.29 0.42 0.00	22.57 0.41 0.00	25.27 0.53 0.00	28.15 0.58 0.00	32.27 0.67 0.00	32.45 0.68 0.00	32.30 0.69 0.00	30.23 0.66 0.00	30.65 0.72 0.00	34.03 0.78 0.00	38.02 0.85 0.00	38.70 0.77 0.00	43.18 0.82 0.00	39.28 0.73 0.00	32.77 0.61 0.00	29.39 0.49 0.00
GILBOA___3 23758	24.65 0.44 0.00	18.83 0.30 0.00	18.77 0.35 0.00	19.74 0.36 0.00	19.15 0.36 0.00	22.92 0.36 0.00	30.46 0.44 0.00	27.58 0.46 0.00	26.29 0.42 0.00	22.57 0.41 0.00	25.27 0.53 0.00	28.15 0.58 0.00	32.27 0.67 0.00	32.45 0.68 0.00	32.30 0.69 0.00	30.23 0.66 0.00	30.65 0.72 0.00	34.03 0.78 0.00	38.02 0.85 0.00	38.70 0.77 0.00	43.18 0.82 0.00	39.28 0.73 0.00	32.77 0.61 0.00	29.39 0.49 0.00

GILBOA___4 23759	24.65 0.44 0.00	18.83 0.30 0.00	18.77 0.35 0.00	19.74 0.36 0.00	19.15 0.36 0.00	22.92 0.36 0.00	30.46 0.44 0.00	27.58 0.46 0.00	26.29 0.42 0.00	22.57 0.41 0.00	25.27 0.53 0.00	28.15 0.58 0.00	32.27 0.67 0.00	32.45 0.68 0.00	32.30 0.69 0.00	30.23 0.66 0.00	30.65 0.72 0.00	34.03 0.78 0.00	38.02 0.85 0.00	38.70 0.77 0.00	43.18 0.82 0.00	39.28 0.73 0.00	32.77 0.61 0.00	29.39 0.49 0.00
GILBOA____ 23599	24.65 0.44 0.00	18.83 0.30 0.00	18.78 0.35 0.00	19.74 0.37 0.00	19.15 0.36 0.00	22.92 0.36 0.00	30.46 0.44 0.00	27.58 0.46 0.00	26.29 0.42 0.00	22.57 0.41 0.00	25.27 0.53 0.00	28.14 0.58 0.00	32.27 0.67 0.00	32.45 0.69 0.00	32.31 0.69 0.00	30.24 0.67 0.00	30.65 0.72 0.00	34.03 0.78 0.00	38.02 0.85 0.00	38.70 0.78 0.00	43.18 0.82 0.00	39.28 0.73 0.00	32.77 0.61 0.00	29.39 0.49 0.00
GINNA____ 23603	21.88 -2.33 0.00	16.82 -1.70 0.00	16.69 -1.74 0.00	17.57 -1.80 0.00	17.07 -1.72 0.00	20.55 -2.01 0.00	27.36 -2.65 0.00	24.64 -2.48 0.00	23.60 -2.27 0.00	20.19 -1.98 0.00	22.44 -2.28 0.02	24.99 -2.56 0.01	28.64 -2.83 0.13	28.03 -2.89 0.85	26.57 -2.90 2.15	26.05 -2.73 0.78	24.88 -2.77 2.28	27.79 -2.97 2.49	31.03 -3.36 2.78	32.92 -3.33 1.67	37.97 -3.74 0.65	32.82 -3.36 2.38	28.40 -2.87 0.89	26.28 -2.52 0.09
GLEN PARK____ 23778	24.02 -0.19 0.00	18.35 -0.18 0.00	18.24 -0.19 0.00	19.11 -0.27 0.00	18.56 -0.23 0.00	22.30 -0.26 0.00	29.87 -0.15 0.00	26.50 -0.63 0.00	24.98 -0.90 0.00	21.35 -0.82 0.00	23.63 -1.11 0.00	26.14 -1.43 0.00	29.88 -1.73 0.00	29.96 -1.81 0.00	29.93 -1.69 0.00	27.96 -1.61 0.00	28.52 -1.41 0.00	31.71 -1.53 0.00	35.67 -1.49 0.00	36.90 -1.02 0.00	42.03 -0.34 0.00	38.30 -0.25 0.00	32.13 -0.03 0.00	28.96 0.06 0.00
GLENDALE_27_KV_LOAD 356172	25.37 1.15 0.00	19.25 0.72 0.00	19.12 0.69 0.00	20.08 0.71 0.00	19.49 0.70 0.00	23.48 0.92 0.00	31.17 1.15 0.00	28.43 1.30 0.00	27.26 1.38 -0.01	23.51 1.33 -0.01	26.40 1.65 -0.01	29.41 1.84 -0.01	33.67 2.06 0.00	33.95 2.18 0.00	33.78 2.16 0.00	31.76 2.19 0.00	32.26 2.33 0.00	35.64 2.39 0.00	39.51 2.35 0.00	39.90 1.98 0.00	44.35 1.99 0.00	40.34 1.79 0.00	33.68 1.53 0.00	30.12 1.22 0.00
GLENWOOD_IC_1_G5 23712	25.41 1.20 0.00	19.28 0.76 0.00	19.18 0.76 0.00	20.14 0.77 0.00	19.56 0.77 0.00	23.52 0.96 0.00	31.29 1.27 0.00	28.42 1.29 0.00	27.12 1.25 0.00	23.47 1.30 0.00	26.34 1.60 0.00	29.33 1.77 0.00	33.62 2.01 0.00	33.93 2.16 0.00	33.67 2.06 0.00	32.19 2.10 -0.52	32.23 2.29 -0.01	36.80 2.34 -1.22	39.36 2.20 0.00	39.85 1.93 0.00	44.38 2.02 0.00	40.38 1.83 0.00	33.74 1.59 0.00	30.23 1.34 0.00
GLENWOOD_IC_2_G1 23688	25.27 1.06 0.00	19.19 0.67 0.00	19.08 0.66 0.00	20.04 0.66 0.00	19.46 0.67 0.00	23.41 0.85 0.00	31.12 1.11 0.00	28.28 1.15 0.00	27.06 1.19 0.00	23.34 1.17 0.00	26.20 1.45 0.00	29.17 1.61 0.00	33.44 1.83 0.00	33.71 1.94 0.00	33.50 1.88 0.00	31.51 1.92 -0.02	32.03 2.09 0.00	35.50 2.20 -0.06	39.28 2.12 0.00	39.76 1.84 0.00	44.27 1.91 0.00	40.27 1.72 0.00	33.64 1.48 0.00	30.07 1.18 0.00
GLENWOOD_IC_3_G1 23689	25.27 1.06 0.00	19.19 0.67 0.00	19.08 0.66 0.00	20.04 0.66 0.00	19.46 0.67 0.00	23.41 0.85 0.00	31.12 1.11 0.00	28.28 1.15 0.00	27.06 1.19 0.00	23.34 1.17 0.00	26.20 1.45 0.00	29.17 1.61 0.00	33.44 1.83 0.00	33.71 1.94 0.00	33.50 1.88 0.00	31.51 1.92 -0.02	32.03 2.09 0.00	35.50 2.20 -0.06	39.28 2.12 0.00	39.76 1.84 0.00	44.27 1.91 0.00	40.27 1.72 0.00	33.64 1.48 0.00	30.07 1.18 0.00
GLENWOOD___4 23550	25.41 1.20 0.00	19.28 0.76 0.00	19.18 0.76 0.00	20.14 0.77 0.00	19.56 0.77 0.00	23.52 0.96 0.00	31.29 1.27 0.00	28.42 1.29 0.00	27.15 1.27 0.00	23.47 1.30 0.00	26.34 1.60 0.00	29.33 1.77 0.00	33.62 2.01 0.00	33.93 2.16 0.00	33.67 2.06 0.00	32.19 2.10 -0.52	32.23 2.29 -0.01	36.84 2.37 -1.22	39.41 2.25 0.00	39.89 1.97 0.00	44.42 2.06 0.00	40.42 1.87 0.00	33.78 1.62 0.00	30.23 1.34 0.00
GLENWOOD___5 23614	25.41 1.20 0.00	19.28 0.76 0.00	19.18 0.76 0.00	20.14 0.77 0.00	19.56 0.77 0.00	23.52 0.96 0.00	31.29 1.27 0.00	28.42 1.29 0.00	27.15 1.27 0.00	23.47 1.30 0.00	26.34 1.60 0.00	29.33 1.77 0.00	33.62 2.01 0.00	33.93 2.16 0.00	33.67 2.06 0.00	32.19 2.10 -0.52	32.23 2.29 -0.01	36.84 2.37 -1.22	39.41 2.25 0.00	39.89 1.97 0.00	44.42 2.06 0.00	40.42 1.87 0.00	33.78 1.62 0.00	30.23 1.34 0.00
GLOBAL GREEN_PORT_GT1 23814	28.86 2.27 -2.37	24.85 1.57 -4.76	19.97 1.54 0.00	21.02 1.65 0.00	23.38 1.68 -2.91	24.58 2.03 0.00	32.64 2.62 0.00	29.20 2.07 0.00	27.75 1.88 0.00	24.04 1.87 0.00	26.75 2.01 0.00	29.38 1.82 0.00	33.73 2.12 0.00	34.30 2.53 0.00	33.44 1.82 0.00	31.93 2.05 -0.32	32.34 2.40 -0.01	37.25 3.25 -0.76	40.13 2.97 0.00	40.76 2.84 0.00	45.88 3.52 0.00	41.80 3.25 0.00	35.18 3.02 0.00	31.49 2.60 0.00
GLOBE___DSASP 323697	20.90 -3.31 0.00	16.31 -2.22 0.00	16.16 -2.26 0.00	17.05 -2.33 0.00	16.56 -2.24 0.00	19.66 -2.90 0.00	26.19 -3.83 0.00	23.45 -3.68 0.00	22.82 -3.05 0.00	19.58 -2.59 0.00	21.65 -3.01 0.08	24.12 -3.42 0.03	27.31 -3.73 0.57	24.31 -3.85 3.60	18.67 -3.85 9.10	22.56 -3.62 3.39	16.59 -3.66 9.69	18.70 -4.00 10.55	20.59 -4.78 11.80	25.77 -5.05 7.10	33.62 -5.98 2.76	23.57 -4.90 10.08	24.31 -4.08 3.77	24.95 -3.54 0.40
GOETHSLN___LBMP 323567	25.12 0.90 0.00	19.04 0.52 0.00	18.92 0.50 0.00	19.88 0.50 0.00	19.30 0.51 0.00	23.24 0.68 0.00	30.87 0.85 0.00	28.12 0.99 0.00	26.94 1.07 0.00	23.22 1.05 0.00	26.11 1.37 0.00	29.10 1.54 0.00	33.34 1.74 0.00	33.62 1.85 0.00	33.45 1.84 0.00	31.46 1.90 0.00	31.96 2.04 0.00	35.34 2.10 0.00	39.23 2.07 0.00	39.63 1.71 0.00	44.05 1.69 0.00	40.04 1.49 0.00	33.43 1.27 0.00	29.88 0.99 0.00
GOLAH___69_KV_TB 1_2 80279	22.63 -1.58 0.00	17.45 -1.08 0.00	17.29 -1.13 0.00	18.22 -1.16 0.00	17.70 -1.09 0.00	21.32 -1.24 0.00	28.40 -1.62 0.00	25.47 -1.66 0.00	24.42 -1.45 0.00	20.86 -1.31 0.00	23.16 -1.56 0.02	25.80 -1.75 0.01	29.59 -1.87 0.15	28.92 -1.92 0.93	27.33 -1.94 2.34	26.86 -1.85 0.85	25.56 -1.87 2.50	28.56 -1.97 2.72	31.80 -2.32 3.04	33.88 -2.21 1.83	39.31 -2.34 0.71	33.97 -1.99 2.60	29.49 -1.70 0.97	27.34 -1.45 0.10
GOODYEAR_LAKE_HYD 323669	24.63 0.42 0.00	18.85 0.33 0.00	18.76 0.34 0.00	19.74 0.37 0.00	19.13 0.34 0.00	23.00 0.44 0.00	30.68 0.67 0.00	27.71 0.58 0.00	26.38 0.51 0.00	22.59 0.42 0.00	25.25 0.51 0.00	28.09 0.52 0.00	32.17 0.56 0.00	32.39 0.63 0.00	32.24 0.63 0.00	30.17 0.60 0.00	30.59 0.66 0.00	34.02 0.78 0.00	38.15 0.98 0.00	39.05 1.13 0.00	43.61 1.25 0.00	39.67 1.12 0.00	33.01 0.85 0.00	29.56 0.66 0.00

GOWANUS_GT4_4 24133	25.32 1.10 0.00	19.22 0.69 0.00	19.09 0.66 0.00	20.05 0.68 0.00	19.47 0.67 0.00	23.45 0.89 0.00	31.13 1.11 0.00	28.38 1.25 0.00	27.20 1.32 -0.01	23.42 1.25 -0.01	26.33 1.58 -0.01	29.34 1.76 -0.01	33.64 2.03 0.00	33.92 2.16 0.00	33.78 2.17 0.00	31.72 2.16 0.00	32.24 2.31 0.00	35.60 2.35 0.00	39.46 2.30 0.00	39.89 1.97 0.00	44.36 2.00 0.00	40.33 1.78 0.00	33.66 1.50 0.00	30.09 1.20 0.00
GOWANUS_GT4_5 24134	25.32 1.10 0.00	19.22 0.69 0.00	19.09 0.66 0.00	20.05 0.68 0.00	19.47 0.67 0.00	23.45 0.89 0.00	31.13 1.11 0.00	28.38 1.25 0.00	27.20 1.32 -0.01	23.42 1.25 -0.01	26.33 1.58 -0.01	29.34 1.76 -0.01	33.64 2.03 0.00	33.92 2.16 0.00	33.78 2.17 0.00	31.72 2.16 0.00	32.24 2.31 0.00	35.60 2.35 0.00	39.46 2.30 0.00	39.89 1.97 0.00	44.36 2.00 0.00	40.33 1.78 0.00	33.66 1.50 0.00	30.09 1.20 0.00
GOWANUS_GT4_6 24135	25.32 1.10 0.00	19.22 0.69 0.00	19.09 0.66 0.00	20.05 0.68 0.00	19.47 0.67 0.00	23.45 0.89 0.00	31.13 1.11 0.00	28.38 1.25 0.00	27.20 1.32 -0.01	23.42 1.25 -0.01	26.33 1.58 -0.01	29.34 1.76 -0.01	33.64 2.03 0.00	33.92 2.16 0.00	33.78 2.17 0.00	31.72 2.16 0.00	32.24 2.31 0.00	35.60 2.35 0.00	39.46 2.30 0.00	39.89 1.97 0.00	44.36 2.00 0.00	40.33 1.78 0.00	33.66 1.50 0.00	30.09 1.20 0.00
GOWANUS_GT4_7 24136	25.32 1.10 0.00	19.22 0.69 0.00	19.09 0.66 0.00	20.05 0.68 0.00	19.47 0.67 0.00	23.45 0.89 0.00	31.13 1.11 0.00	28.38 1.25 0.00	27.20 1.32 -0.01	23.42 1.25 -0.01	26.33 1.58 -0.01	29.34 1.76 -0.01	33.64 2.03 0.00	33.92 2.16 0.00	33.78 2.17 0.00	31.72 2.16 0.00	32.24 2.31 0.00	35.60 2.35 0.00	39.46 2.30 0.00	39.89 1.97 0.00	44.36 2.00 0.00	40.33 1.78 0.00	33.66 1.50 0.00	30.09 1.20 0.00
GOWANUS_GT4_8 24137	25.32 1.10 0.00	19.22 0.69 0.00	19.09 0.66 0.00	20.05 0.68 0.00	19.47 0.67 0.00	23.45 0.89 0.00	31.13 1.11 0.00	28.38 1.25 0.00	27.20 1.32 -0.01	23.42 1.25 -0.01	26.33 1.58 -0.01	29.34 1.76 -0.01	33.64 2.03 0.00	33.92 2.16 0.00	33.78 2.17 0.00	31.72 2.16 0.00	32.24 2.31 0.00	35.60 2.35 0.00	39.46 2.30 0.00	39.89 1.97 0.00	44.36 2.00 0.00	40.33 1.78 0.00	33.66 1.50 0.00	30.09 1.20 0.00
GREENBSH_115KV_TB3 55895	24.78 0.57 0.00	18.95 0.42 0.00	18.85 0.43 0.00	19.82 0.44 0.00	19.21 0.42 0.00	23.00 0.44 0.00	30.41 0.40 0.00	27.52 0.39 0.00	26.20 0.33 0.00	22.50 0.33 0.00	25.22 0.48 0.00	28.08 0.52 0.00	32.15 0.54 0.00	32.28 0.51 0.00	32.16 0.54 0.00	30.05 0.49 0.00	30.41 0.49 0.00	33.82 0.57 0.00	37.88 0.72 0.00	38.60 0.68 0.00	43.07 0.70 0.00	39.18 0.63 0.00	32.74 0.59 0.00	29.50 0.60 0.00
GREENDGE_115KV_TB5 80291	23.75 -0.47 0.00	18.28 -0.24 0.00	18.16 -0.26 0.00	19.15 -0.22 0.00	18.60 -0.19 0.00	22.41 -0.15 0.00	29.85 -0.17 0.00	26.78 -0.35 0.00	25.40 -0.47 0.00	21.62 -0.54 0.00	24.11 -0.77 -0.15	26.75 -0.87 -0.05	31.81 -0.82 -1.03	37.49 -0.82 -6.55	47.34 -0.83 -16.55	34.99 -0.86 -6.28	46.83 -0.71 -17.61	51.77 -0.66 -19.18	58.09 -0.52 -21.45	50.79 -0.04 -12.90	47.65 0.27 -5.02	57.03 0.15 -18.33	38.94 -0.07 -6.86	29.42 -0.21 -0.73
GREENIDGE___3 23582	23.75 -0.47 0.00	18.28 -0.24 0.00	18.16 -0.26 0.00	19.15 -0.22 0.00	18.60 -0.19 0.00	22.41 -0.15 0.00	29.85 -0.17 0.00	26.78 -0.35 0.00	25.40 -0.47 0.00	21.62 -0.54 0.00	24.11 -0.77 -0.15	26.75 -0.87 -0.05	31.81 -0.82 -1.03	37.49 -0.82 -6.55	47.34 -0.83 -16.55	34.99 -0.86 -6.28	46.83 -0.71 -17.61	51.77 -0.66 -19.18	58.09 -0.52 -21.45	50.79 -0.04 -12.90	47.65 0.27 -5.02	57.03 0.15 -18.33	38.94 -0.07 -6.86	29.42 -0.21 -0.73
GREENIDGE___4 23583	23.75 -0.47 0.00	18.28 -0.24 0.00	18.16 -0.26 0.00	19.15 -0.22 0.00	18.60 -0.19 0.00	22.41 -0.15 0.00	29.84 -0.17 0.00	26.78 -0.34 0.00	25.40 -0.47 0.00	21.62 -0.54 0.00	24.11 -0.77 -0.15	26.75 -0.87 -0.05	31.81 -0.83 -1.03	37.49 -0.82 -6.55	47.33 -0.83 -16.55	34.99 -0.86 -6.28	46.82 -0.72 -17.61	51.76 -0.67 -19.18	58.08 -0.53 -21.45	50.78 -0.05 -12.90	47.64 0.26 -5.02	57.02 0.15 -18.33	38.93 -0.08 -6.86	29.41 -0.21 -0.73
GREENLWN_69_KV_BK 3 55738	25.26 1.34 0.29	18.81 0.87 0.58	19.33 0.90 0.00	20.29 0.92 0.00	19.37 0.93 0.36	23.69 1.13 0.00	31.48 1.46 0.00	28.49 1.37 0.00	27.22 1.35 0.00	23.59 1.42 0.00	26.45 1.71 0.00	29.38 1.82 0.00	33.64 2.03 0.00	33.96 2.20 0.00	33.58 1.96 0.00	31.93 2.04 -0.33	32.22 2.29 -0.01	36.45 2.43 -0.78	39.24 2.08 0.00	39.75 1.83 0.00	44.42 2.06 0.00	40.56 2.01 0.00	33.98 1.82 0.00	30.38 1.49 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.32 1.10 0.00	19.22 0.69 0.00	19.09 0.66 0.00	20.05 0.68 0.00	19.47 0.67 0.00	23.45 0.89 0.00	31.13 1.11 0.00	28.38 1.25 0.00	27.20 1.32 -0.01	23.42 1.25 -0.01	26.33 1.58 -0.01	29.34 1.76 -0.01	33.64 2.03 0.00	33.92 2.16 0.00	33.78 2.17 0.00	31.72 2.16 0.00	32.24 2.31 0.00	35.60 2.35 0.00	39.46 2.30 0.00	39.89 1.97 0.00	44.36 2.00 0.00	40.33 1.78 0.00	33.66 1.50 0.00	30.09 1.20 0.00
GRISSOM___SOLAR 323813	25.01 0.80 0.00	19.14 0.61 0.00	19.04 0.62 0.00	20.02 0.64 0.00	19.40 0.61 0.00	23.33 0.77 0.00	31.03 1.02 0.00	27.74 0.62 0.00	26.10 0.23 0.00	22.18 0.01 0.00	24.86 0.12 0.00	27.68 0.11 0.00	31.65 0.05 0.00	31.78 0.01 0.00	31.54 -0.07 0.00	29.50 -0.07 0.00	29.91 -0.02 0.00	33.29 0.05 0.00	37.60 0.44 0.00	39.04 1.12 0.00	44.12 1.75 0.00	40.23 1.68 0.00	33.48 1.32 0.00	29.97 1.07 0.00
GROVEVILLE___HYD 323602	25.24 1.03 0.00	19.19 0.67 0.00	19.08 0.66 0.00	20.04 0.67 0.00	19.46 0.67 0.00	23.40 0.84 0.00	31.15 1.14 0.00	28.32 1.20 0.00	27.22 1.35 0.00	23.42 1.25 0.00	26.16 1.42 0.00	29.10 1.53 0.00	33.39 1.78 0.00	33.64 1.87 0.00	33.48 1.87 0.00	31.43 1.87 0.00	31.97 2.04 0.00	35.45 2.21 0.00	39.47 2.31 0.00	40.01 2.08 0.00	44.51 2.15 0.00	40.43 1.88 0.00	33.71 1.56 0.00	30.12 1.22 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.78 -0.44 0.00	18.21 -0.31 0.00	18.10 -0.32 0.00	19.05 -0.32 0.00	18.49 -0.30 0.00	22.23 -0.33 0.00	29.59 -0.43 0.00	26.69 -0.43 0.00	25.42 -0.46 0.00	21.75 -0.42 0.00	24.25 -0.49 0.00	27.05 -0.52 0.00	31.08 -0.52 0.00	31.24 -0.53 0.00	31.08 -0.54 0.00	29.01 -0.55 0.00	29.39 -0.54 0.00	32.62 -0.63 0.00	36.47 -0.69 0.00	37.29 -0.63 0.00	41.68 -0.68 0.00	37.93 -0.62 0.00	31.60 -0.56 0.00	28.41 -0.49 0.00
HAMLTNNY_34_KV_TB 80303	23.75 -0.46 0.00	18.20 -0.33 0.00	18.08 -0.34 0.00	19.04 -0.33 0.00	18.49 -0.30 0.00	22.23 -0.33 0.00	29.57 -0.44 0.00	26.67 -0.45 0.00	25.41 -0.47 0.00	21.74 -0.43 0.00	24.22 -0.52 0.00	26.96 -0.60 0.00	30.97 -0.64 0.00	31.11 -0.66 0.00	30.97 -0.65 0.00	28.90 -0.66 0.00	29.32 -0.61 0.00	32.53 -0.72 0.00	36.36 -0.80 0.00	37.24 -0.68 0.00	41.70 -0.66 0.00	37.98 -0.57 0.00	31.61 -0.54 0.00	28.43 -0.46 0.00

HAMPSHIRE___PAPER_HYD 323593	23.98 -0.24 0.00	18.36 -0.16 0.00	18.25 -0.18 0.00	19.17 -0.20 0.00	18.60 -0.19 0.00	22.27 -0.29 0.00	29.74 -0.27 0.00	26.60 -0.53 0.00	25.17 -0.70 0.00	21.49 -0.68 0.00	23.85 -0.89 0.00	26.30 -1.27 0.00	30.03 -1.58 0.00	30.15 -1.61 0.00	30.05 -1.57 0.00	28.09 -1.48 0.00	28.49 -1.44 0.00	31.76 -1.49 0.00	35.70 -1.46 0.00	36.79 -1.13 0.00	41.70 -0.66 0.00	37.99 -0.55 0.00	31.83 -0.33 0.00	28.74 -0.15 0.00
HARDSCRABBLE_WT_PWR 323673	25.19 0.98 0.00	19.19 0.67 0.00	19.08 0.66 0.00	20.05 0.68 0.00	19.40 0.61 0.00	23.19 0.63 0.00	30.80 0.79 0.00	27.67 0.55 0.00	26.04 0.16 0.00	22.20 0.04 0.00	25.03 0.29 0.00	27.85 0.29 0.00	31.84 0.23 0.00	31.78 0.01 0.00	31.59 -0.03 0.00	29.47 -0.10 0.00	29.87 -0.06 0.00	33.54 0.29 0.00	38.05 0.89 0.00	39.36 1.43 0.00	44.32 1.96 0.00	40.46 1.91 0.00	33.69 1.54 0.00	30.12 1.23 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.06 0.85 0.00	19.06 0.54 0.00	18.93 0.51 0.00	19.90 0.52 0.00	19.31 0.52 0.00	23.23 0.67 0.00	30.91 0.89 0.00	28.09 0.97 0.00	26.86 0.99 0.00	23.12 0.95 0.00	25.93 1.19 0.00	28.90 1.34 0.00	33.19 1.58 0.00	33.45 1.68 0.00	33.30 1.68 0.00	31.28 1.71 0.00	31.81 1.88 0.00	35.26 2.01 0.00	39.23 2.07 0.00	39.75 1.83 0.00	44.21 1.85 0.00	40.15 1.60 0.00	33.47 1.31 0.00	29.90 1.01 0.00
HARSNRAD_115KV_TB1 81005	21.38 -2.83 0.00	16.61 -1.91 0.00	16.45 -1.97 0.00	17.36 -2.02 0.00	16.86 -1.93 0.00	20.27 -2.29 0.00	26.96 -3.06 0.00	24.07 -3.05 0.00	23.34 -2.54 0.00	19.98 -2.19 0.00	22.12 -2.55 0.08	24.65 -2.88 0.03	27.97 -3.09 0.55	25.25 -3.04 3.48	19.81 -3.02 8.79	23.34 -2.95 3.27	17.66 -2.92 9.36	19.84 -3.22 10.19	21.81 -3.96 11.40	26.97 -4.09 6.85	35.05 -4.65 2.67	24.96 -3.85 9.74	25.45 -3.06 3.65	25.83 -2.68 0.39
HARZA MOOSE___RIVER 24016	24.40 0.19 0.00	18.65 0.13 0.00	18.55 0.13 0.00	19.49 0.11 0.00	18.91 0.11 0.00	22.69 0.12 0.00	30.28 0.27 0.00	27.13 0.01 0.00	25.69 -0.18 0.00	21.93 -0.24 0.00	24.41 -0.33 0.00	27.12 -0.45 0.00	31.01 -0.59 0.00	31.15 -0.61 0.00	31.05 -0.56 0.00	29.05 -0.52 0.00	29.47 -0.46 0.00	32.89 -0.35 0.00	36.97 -0.19 0.00	38.01 0.09 0.00	42.72 0.36 0.00	38.87 0.32 0.00	32.52 0.36 0.00	29.22 0.33 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	23.63 -0.58 0.00	18.11 -0.42 0.00	18.00 -0.43 0.00	18.93 -0.45 0.00	18.38 -0.42 0.00	22.07 -0.48 0.00	29.39 -0.63 0.00	26.52 -0.60 0.00	25.29 -0.58 0.00	21.65 -0.52 0.00	24.16 -0.58 0.00	26.93 -0.63 0.00	30.94 -0.67 0.00	31.10 -0.66 0.00	30.94 -0.67 0.00	28.89 -0.67 0.00	29.24 -0.69 0.00	32.46 -0.78 0.00	36.26 -0.90 0.00	37.06 -0.87 0.00	41.38 -0.98 0.00	37.65 -0.90 0.00	31.40 -0.76 0.00	28.21 -0.68 0.00
HELLGATE_13_KV_LD 55870	25.39 1.17 0.00	19.25 0.72 0.00	19.12 0.69 0.00	20.08 0.71 0.00	19.50 0.71 0.00	23.49 0.93 0.00	31.17 1.15 0.00	28.44 1.31 0.00	27.26 1.39 -0.01	23.51 1.33 -0.01	26.40 1.65 -0.01	29.41 1.84 -0.01	33.65 2.04 0.00	33.93 2.17 0.00	33.77 2.15 0.00	31.74 2.17 0.00	32.24 2.31 0.00	35.60 2.35 0.00	39.44 2.28 0.00	39.85 1.93 0.00	44.29 1.93 0.00	40.29 1.74 0.00	33.64 1.48 0.00	30.09 1.20 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.39 1.17 0.00	19.25 0.72 0.00	19.12 0.69 0.00	20.08 0.71 0.00	19.50 0.71 0.00	23.49 0.93 0.00	31.17 1.15 0.00	28.44 1.31 0.00	27.26 1.39 -0.01	23.51 1.33 -0.01	26.40 1.65 -0.01	29.41 1.84 -0.01	33.65 2.04 0.00	33.93 2.17 0.00	33.77 2.15 0.00	31.74 2.17 0.00	32.24 2.31 0.00	35.60 2.35 0.00	39.44 2.28 0.00	39.85 1.93 0.00	44.29 1.93 0.00	40.29 1.74 0.00	33.64 1.48 0.00	30.09 1.20 0.00
HEMPSTEAD____ 23647	25.39 1.18 0.00	19.27 0.75 0.00	19.19 0.76 0.00	20.13 0.75 0.00	19.56 0.76 0.00	23.50 0.94 0.00	31.27 1.25 0.00	28.36 1.24 0.00	27.12 1.25 0.00	23.43 1.26 0.00	26.29 1.55 0.00	29.25 1.68 0.00	33.51 1.90 0.00	33.82 2.05 0.00	33.53 1.91 0.00	32.01 1.99 -0.46	32.14 2.20 -0.01	36.63 2.30 -1.09	39.27 2.10 0.00	39.78 1.85 0.00	44.35 1.98 0.00	40.38 1.83 0.00	33.76 1.61 0.00	30.19 1.29 0.00
HICKLING___1 23621	23.40 -0.81 0.00	18.07 -0.46 0.00	17.96 -0.46 0.00	18.96 -0.41 0.00	18.40 -0.39 0.00	22.15 -0.41 0.00	29.47 -0.54 0.00	26.35 -0.78 0.00	25.14 -0.73 0.00	21.49 -0.67 0.00	23.92 -0.88 -0.07	26.63 -0.96 -0.02	31.17 -0.90 -0.47	33.85 -0.90 -2.98	38.33 -0.83 -7.54	31.52 -0.89 -2.84	37.28 -0.68 -8.02	41.48 -0.51 -8.74	46.46 -0.48 -9.78	43.61 -0.19 -5.88	44.58 -0.07 -2.29	46.69 -0.21 -8.35	34.90 -0.38 -3.12	28.72 -0.50 -0.33
HICKLING___2 23622	23.40 -0.81 0.00	18.07 -0.46 0.00	17.96 -0.46 0.00	18.96 -0.41 0.00	18.40 -0.39 0.00	22.15 -0.41 0.00	29.47 -0.54 0.00	26.35 -0.78 0.00	25.14 -0.73 0.00	21.49 -0.67 0.00	23.92 -0.88 -0.07	26.63 -0.96 -0.02	31.17 -0.90 -0.47	33.85 -0.90 -2.98	38.33 -0.83 -7.54	31.52 -0.89 -2.84	37.28 -0.68 -8.02	41.48 -0.51 -8.74	46.46 -0.48 -9.78	43.61 -0.19 -5.88	44.58 -0.07 -2.29	46.69 -0.21 -8.35	34.90 -0.38 -3.12	28.72 -0.50 -0.33
HIGH FALLS___HY 23754	25.08 0.86 0.00	19.06 0.54 0.00	18.94 0.51 0.00	19.90 0.52 0.00	19.32 0.53 0.00	23.24 0.68 0.00	30.96 0.95 0.00	28.17 1.04 0.00	26.99 1.12 0.00	23.16 1.00 0.00	25.93 1.19 0.00	28.87 1.30 0.00	33.14 1.54 0.00	33.41 1.64 0.00	33.19 1.58 0.00	31.17 1.60 0.00	31.80 1.87 0.00	35.35 2.11 0.00	39.37 2.21 0.00	39.93 2.01 0.00	44.44 2.08 0.00	40.38 1.83 0.00	33.63 1.47 0.00	29.99 1.10 0.00
HIGH_RIVER___SOLAR 323847	24.87 0.66 0.00	19.01 0.48 0.00	18.92 0.49 0.00	19.89 0.51 0.00	19.29 0.50 0.00	23.16 0.60 0.00	30.77 0.75 0.00	27.58 0.46 0.00	26.03 0.16 0.00	22.26 0.09 0.00	25.02 0.28 0.00	27.77 0.21 0.00	31.76 0.15 0.00	31.89 0.12 0.00	31.68 0.06 0.00	29.64 0.08 0.00	30.03 0.10 0.00	33.50 0.26 0.00	37.80 0.63 0.00	38.92 1.00 0.00	43.68 1.32 0.00	39.80 1.25 0.00	33.16 1.00 0.00	29.72 0.83 0.00
HILLBURN___GT 23639	25.02 0.80 0.00	19.01 0.49 0.00	18.88 0.46 0.00	19.84 0.46 0.00	19.26 0.47 0.00	23.18 0.62 0.00	30.85 0.84 0.00	28.05 0.92 0.00	26.84 0.97 0.00	23.11 0.94 0.00	25.94 1.20 0.00	28.91 1.35 0.00	33.21 1.60 0.00	33.47 1.70 0.00	33.32 1.70 0.00	31.29 1.73 0.00	31.81 1.88 0.00	35.21 1.96 0.00	39.15 1.99 0.00	39.63 1.71 0.00	44.07 1.71 0.00	40.02 1.47 0.00	33.38 1.23 0.00	29.83 0.94 0.00
HILLSIDE_115KV_TB1 80332	23.32 -0.90 0.00	17.98 -0.54 0.00	17.87 -0.55 0.00	18.87 -0.51 0.00	18.30 -0.49 0.00	21.99 -0.57 0.00	29.27 -0.75 0.00	26.34 -0.79 0.00	25.17 -0.70 0.00	21.54 -0.63 0.00	24.02 -0.78 -0.06	26.74 -0.84 -0.02	31.23 -0.77 -0.39	33.49 -0.78 -2.50	37.15 -0.80 -6.34	31.05 -0.89 -2.37	36.00 -0.68 -6.74	39.97 -0.61 -7.34	44.68 -0.69 -8.21	42.38 -0.48 -4.94	43.85 -0.44 -1.92	45.09 -0.47 -7.02	34.27 -0.51 -2.63	28.59 -0.58 -0.28

HISHELDN_WT_PWR 323625	21.96 -2.25 0.00	17.05 -1.47 0.00	16.91 -1.51 0.00	17.86 -1.51 0.00	17.33 -1.46 0.00	20.86 -1.70 0.00	27.70 -2.32 0.00	24.63 -2.49 0.00	23.75 -2.12 0.00	20.37 -1.80 0.00	22.36 -2.15 0.23	25.04 -2.44 0.08	27.43 -2.55 1.63	18.82 -2.58 10.37	2.86 -2.56 26.20	17.19 -2.49 9.88	-0.37 -2.42 27.88	0.33 -2.55 30.36	0.16 -3.04 33.96	14.51 -2.99 20.43	31.16 -3.26 7.95	6.66 -2.87 29.02	18.79 -2.51 10.86	25.51 -2.23 1.16
HOLTSVILLE_IC_1 23690	28.13 1.54 -2.38	24.32 1.02 -4.77	19.47 1.05 0.00	20.44 1.07 0.00	22.79 1.08 -2.92	23.87 1.31 0.00	31.70 1.69 0.00	28.59 1.47 0.00	27.35 1.48 0.00	23.70 1.54 0.00	26.51 1.77 0.00	29.41 1.85 0.00	33.68 2.07 0.00	34.02 2.25 0.00	33.45 1.83 0.00	31.83 1.95 -0.32	32.19 2.26 -0.01	36.60 2.60 -0.76	39.37 2.21 0.00	39.97 2.04 0.00	44.72 2.35 0.00	40.77 2.22 0.00	34.23 2.07 0.00	30.60 1.71 0.00
HOLTSVILLE_IC_10 23699	28.16 1.65 -2.29	24.22 1.10 -4.59	19.54 1.12 0.00	20.52 1.15 0.00	22.76 1.16 -2.81	23.97 1.41 0.00	31.84 1.82 0.00	28.70 1.57 0.00	27.46 1.59 0.00	23.79 1.63 0.00	26.60 1.86 0.00	29.50 1.94 0.00	33.79 2.18 0.00	34.14 2.37 0.00	33.55 1.93 0.00	31.96 2.07 -0.32	32.33 2.39 -0.01	36.80 2.79 -0.76	39.58 2.42 0.00	40.19 2.26 0.00	44.97 2.61 0.00	40.97 2.42 0.00	34.39 2.23 0.00	30.75 1.85 0.00
HOLTSVILLE_IC_2 23691	28.13 1.54 -2.38	24.32 1.02 -4.77	19.47 1.05 0.00	20.44 1.07 0.00	22.79 1.08 -2.92	23.87 1.31 0.00	31.70 1.69 0.00	28.59 1.47 0.00	27.35 1.48 0.00	23.70 1.54 0.00	26.51 1.77 0.00	29.41 1.85 0.00	33.68 2.07 0.00	34.02 2.25 0.00	33.45 1.83 0.00	31.83 1.95 -0.32	32.19 2.26 -0.01	36.60 2.60 -0.76	39.37 2.21 0.00	39.97 2.04 0.00	44.72 2.35 0.00	40.77 2.22 0.00	34.23 2.07 0.00	30.60 1.71 0.00
HOLTSVILLE_IC_3 23692	28.13 1.54 -2.38	24.32 1.02 -4.77	19.47 1.05 0.00	20.44 1.07 0.00	22.79 1.08 -2.92	23.87 1.31 0.00	31.70 1.69 0.00	28.59 1.47 0.00	27.35 1.48 0.00	23.70 1.54 0.00	26.51 1.77 0.00	29.41 1.85 0.00	33.68 2.07 0.00	34.02 2.25 0.00	33.45 1.83 0.00	31.83 1.95 -0.32	32.19 2.26 -0.01	36.60 2.60 -0.76	39.37 2.21 0.00	39.97 2.04 0.00	44.72 2.35 0.00	40.77 2.22 0.00	34.23 2.07 0.00	30.60 1.71 0.00
HOLTSVILLE_IC_4 23693	28.13 1.54 -2.38	24.32 1.02 -4.77	19.47 1.05 0.00	20.44 1.07 0.00	22.79 1.08 -2.92	23.87 1.31 0.00	31.70 1.69 0.00	28.59 1.47 0.00	27.35 1.48 0.00	23.70 1.54 0.00	26.51 1.77 0.00	29.41 1.85 0.00	33.68 2.07 0.00	34.02 2.25 0.00	33.45 1.83 0.00	31.83 1.95 -0.32	32.19 2.26 -0.01	36.60 2.60 -0.76	39.37 2.21 0.00	39.97 2.04 0.00	44.72 2.35 0.00	40.77 2.22 0.00	34.23 2.07 0.00	30.60 1.71 0.00
HOLTSVILLE_IC_5 23694	28.13 1.54 -2.38	24.32 1.02 -4.77	19.47 1.05 0.00	20.44 1.07 0.00	22.79 1.08 -2.92	23.87 1.31 0.00	31.70 1.69 0.00	28.59 1.47 0.00	27.35 1.48 0.00	23.70 1.54 0.00	26.51 1.77 0.00	29.41 1.85 0.00	33.68 2.07 0.00	34.02 2.25 0.00	33.45 1.83 0.00	31.83 1.95 -0.32	32.19 2.26 -0.01	36.60 2.60 -0.76	39.37 2.21 0.00	39.97 2.04 0.00	44.72 2.35 0.00	40.77 2.22 0.00	34.23 2.07 0.00	30.60 1.71 0.00
HOLTSVILLE_IC_6 23695	28.16 1.65 -2.29	24.22 1.10 -4.59	19.54 1.12 0.00	20.52 1.15 0.00	22.76 1.16 -2.81	23.97 1.41 0.00	31.84 1.82 0.00	28.70 1.57 0.00	27.46 1.59 0.00	23.79 1.63 0.00	26.60 1.86 0.00	29.50 1.94 0.00	33.79 2.18 0.00	34.14 2.37 0.00	33.55 1.93 0.00	31.96 2.07 -0.32	32.33 2.39 -0.01	36.80 2.79 -0.76	39.58 2.42 0.00	40.19 2.26 0.00	44.97 2.61 0.00	40.97 2.42 0.00	34.39 2.23 0.00	30.75 1.85 0.00
HOLTSVILLE_IC_7 23696	28.16 1.65 -2.29	24.22 1.10 -4.59	19.54 1.12 0.00	20.52 1.15 0.00	22.76 1.16 -2.81	23.97 1.41 0.00	31.84 1.82 0.00	28.70 1.57 0.00	27.46 1.59 0.00	23.79 1.63 0.00	26.60 1.86 0.00	29.50 1.94 0.00	33.79 2.18 0.00	34.14 2.37 0.00	33.55 1.93 0.00	31.96 2.07 -0.32	32.33 2.39 -0.01	36.80 2.79 -0.76	39.58 2.42 0.00	40.19 2.26 0.00	44.97 2.61 0.00	40.97 2.42 0.00	34.39 2.23 0.00	30.75 1.85 0.00
HOLTSVILLE_IC_8 23697	28.16 1.65 -2.29	24.22 1.10 -4.59	19.54 1.12 0.00	20.52 1.15 0.00	22.76 1.16 -2.81	23.97 1.41 0.00	31.84 1.82 0.00	28.70 1.57 0.00	27.46 1.59 0.00	23.79 1.63 0.00	26.60 1.86 0.00	29.50 1.94 0.00	33.79 2.18 0.00	34.14 2.37 0.00	33.55 1.93 0.00	31.96 2.07 -0.32	32.33 2.39 -0.01	36.80 2.79 -0.76	39.58 2.42 0.00	40.19 2.26 0.00	44.97 2.61 0.00	40.97 2.42 0.00	34.39 2.23 0.00	30.75 1.85 0.00
HOLTSVILLE_IC_9 23698	28.16 1.65 -2.29	24.22 1.10 -4.59	19.54 1.12 0.00	20.52 1.15 0.00	22.76 1.16 -2.81	23.97 1.41 0.00	31.84 1.82 0.00	28.70 1.57 0.00	27.46 1.59 0.00	23.79 1.63 0.00	26.60 1.86 0.00	29.50 1.94 0.00	33.79 2.18 0.00	34.14 2.37 0.00	33.55 1.93 0.00	31.96 2.07 -0.32	32.33 2.39 -0.01	36.80 2.79 -0.76	39.58 2.42 0.00	40.19 2.26 0.00	44.97 2.61 0.00	40.97 2.42 0.00	34.39 2.23 0.00	30.75 1.85 0.00
HOMER_HL_115KV_TB2 355744	22.02 -2.19 0.00	17.11 -1.42 0.00	16.97 -1.45 0.00	17.96 -1.41 0.00	17.43 -1.36 0.00	20.95 -1.61 0.00	27.94 -2.08 0.00	25.08 -2.05 0.00	24.23 -1.64 0.00	20.72 -1.44 0.00	22.88 -1.82 0.04	25.44 -2.11 0.01	29.15 -2.18 0.27	27.87 -2.13 1.76	25.01 -2.16 4.44	25.91 -2.06 1.59	23.08 -2.13 4.73	25.79 -2.31 5.15	28.55 -2.86 5.76	31.48 -2.98 3.46	37.52 -3.50 1.35	30.71 -2.91 4.92	27.91 -2.40 1.84	26.48 -2.22 0.20
HOWARD_WT_PWR 323690	22.65 -1.56 0.00	17.59 -0.94 0.00	17.47 -0.96 0.00	18.49 -0.88 0.00	17.98 -0.82 0.00	21.71 -0.85 0.00	28.97 -1.04 0.00	27.21 0.09 0.00	25.90 0.02 0.00	21.92 -0.24 0.00	23.71 -1.29 -0.25	25.74 -1.91 -0.09	31.45 -1.93 -1.77	41.08 -1.95 -11.27	58.18 -1.92 -28.48	38.62 -1.78 -10.83	58.60 -1.63 -30.30	64.69 -1.55 -33.00	72.42 -1.65 -36.91	58.78 -1.34 -22.20	49.80 -1.20 -8.64	68.72 -1.36 -31.53	42.41 -1.54 -11.80	28.56 -1.59 -1.26
HQ_GEN_CEDARS 23644	24.30 0.09 0.00	18.64 0.12 0.00	18.53 0.11 0.00	19.50 0.13 0.00	18.92 0.12 0.00	22.71 0.15 0.00	30.31 0.30 0.00	27.31 0.18 0.00	26.04 0.17 0.00	22.27 0.10 0.00	24.75 0.01 0.00	27.49 -0.07 0.00	31.48 -0.13 0.00	31.62 -0.14 0.00	31.48 -0.14 0.00	29.46 -0.10 0.00	29.81 -0.12 0.00	33.21 -0.03 0.00	37.21 0.05 0.00	38.09 0.17 0.00	42.74 0.38 0.00	38.90 0.34 0.00	32.43 0.27 0.00	29.20 0.31 0.00
HQ_GEN_CEDARS_PROXY 323590	23.67 0.09 0.63	18.64 0.12 0.00	18.53 0.11 0.00	19.50 0.13 0.00	18.92 0.12 0.00	22.71 0.15 0.00	30.31 0.30 0.00	27.31 0.18 0.00	26.04 0.17 0.00	22.27 0.10 0.00	24.75 0.01 0.00	27.49 -0.07 0.00	31.48 -0.13 0.00	31.63 -0.14 0.00	31.48 -0.14 0.00	29.47 -0.10 0.00	29.81 -0.12 0.00	33.21 -0.03 0.00	37.21 0.05 0.00	38.09 0.17 0.00	42.75 0.38 0.00	38.89 0.34 0.00	32.43 0.27 0.00	29.20 0.31 0.00

HQ_GEN_CHPE_PROXY 323851	23.93 0.96 1.25	19.09 0.56 0.00	18.97 0.55 0.00	19.93 0.55 0.00	19.36 0.57 0.00	23.30 0.74 0.00	16.05 0.94 14.90	28.18 1.06 0.00	27.01 1.13 0.00	23.28 1.11 0.00	26.15 1.41 0.00	29.14 1.57 0.00	31.49 1.78 1.90	31.49 1.87 2.15	31.38 1.86 2.10	30.99 1.91 0.49	31.45 2.05 0.53	31.49 2.11 3.87	31.34 2.07 7.89	31.34 1.70 8.28	31.34 1.71 12.74	31.34 1.51 8.72	31.34 1.29 2.11	29.66 1.00 0.24
HQ_GEN_IMPORT 323601	23.06 0.09 1.25	18.61 0.09 0.00	18.51 0.09 0.00	19.47 0.09 0.00	18.88 0.09 0.00	22.67 0.11 0.00	30.19 0.17 0.00	27.28 0.15 0.00	26.03 0.16 0.00	22.28 0.12 0.00	24.81 0.07 0.00	27.64 0.08 0.00	31.68 0.07 0.00	31.83 0.06 0.00	31.68 0.06 0.00	29.64 0.08 0.00	30.00 0.07 0.00	33.36 0.11 0.00	37.31 0.15 0.00	38.10 0.18 0.00	42.61 0.24 0.00	38.77 0.22 0.00	32.33 0.17 0.00	29.07 0.17 0.00
HQ_GEN_WHEEL 23651	23.06 0.09 1.25	18.61 0.09 0.00	18.51 0.09 0.00	19.47 0.09 0.00	18.88 0.09 0.00	22.67 0.11 0.00	30.19 0.17 0.00	27.28 0.15 0.00	26.03 0.16 0.00	22.28 0.12 0.00	24.81 0.07 0.00	27.64 0.08 0.00	31.68 0.07 0.00	31.83 0.06 0.00	31.68 0.06 0.00	29.64 0.08 0.00	30.00 0.07 0.00	33.36 0.11 0.00	37.31 0.15 0.00	38.10 0.18 0.00	42.61 0.24 0.00	38.77 0.22 0.00	32.33 0.17 0.00	29.07 0.17 0.00
HUDSON_AVE_GT_3 23810	25.24 1.03 0.00	19.14 0.62 0.00	19.02 0.60 0.00	19.98 0.61 0.00	19.40 0.61 0.00	23.36 0.80 0.00	31.02 1.01 0.00	28.26 1.13 0.00	27.09 1.22 0.00	23.35 1.18 0.00	26.23 1.49 0.00	29.23 1.67 0.00	33.49 1.89 0.00	33.77 2.01 0.00	33.60 1.98 0.00	31.58 2.02 0.00	32.10 2.16 0.00	35.49 2.24 0.00	39.37 2.21 0.00	39.77 1.85 0.00	44.21 1.85 0.00	40.19 1.64 0.00	33.54 1.39 0.00	29.98 1.08 0.00
HUDSON_AVE_GT_4 23540	25.24 1.03 0.00	19.14 0.62 0.00	19.02 0.60 0.00	19.98 0.61 0.00	19.40 0.61 0.00	23.36 0.80 0.00	31.02 1.01 0.00	28.26 1.13 0.00	27.09 1.22 0.00	23.35 1.18 0.00	26.23 1.49 0.00	29.23 1.67 0.00	33.49 1.89 0.00	33.77 2.01 0.00	33.60 1.98 0.00	31.58 2.02 0.00	32.10 2.16 0.00	35.49 2.24 0.00	39.37 2.21 0.00	39.77 1.85 0.00	44.21 1.85 0.00	40.19 1.64 0.00	33.54 1.39 0.00	29.98 1.08 0.00
HUDSON_AVE_GT_5 23657	25.24 1.03 0.00	19.14 0.62 0.00	19.02 0.60 0.00	19.98 0.61 0.00	19.40 0.61 0.00	23.36 0.80 0.00	31.02 1.01 0.00	28.26 1.13 0.00	27.09 1.22 0.00	23.35 1.18 0.00	26.23 1.49 0.00	29.23 1.67 0.00	33.49 1.89 0.00	33.77 2.01 0.00	33.60 1.98 0.00	31.58 2.02 0.00	32.10 2.16 0.00	35.49 2.24 0.00	39.37 2.21 0.00	39.77 1.85 0.00	44.21 1.85 0.00	40.19 1.64 0.00	33.54 1.39 0.00	29.98 1.08 0.00
HUDSON_AVE_I0 24168	25.14 0.93 0.00	19.04 0.53 0.02	-15.10 0.51 34.03	-14.14 0.52 34.03	-43.07 0.51 62.37	23.23 0.69 0.02	30.86 0.86 0.01	28.13 1.00 0.00	26.97 1.09 0.00	23.23 1.07 0.00	26.10 1.36 0.00	29.08 1.51 0.00	33.32 1.72 0.01	33.58 1.82 0.00	33.42 1.81 0.00	31.43 1.86 0.00	31.92 1.99 0.00	-100.80 2.05 136.10	-41.64 2.00 80.80	39.57 1.64 0.00	43.98 1.61 0.00	40.00 1.45 0.00	33.41 1.25 0.00	29.85 0.96 0.00
HUDSON___115KV_TB 4 355613	25.12 0.91 0.00	19.18 0.66 0.00	19.09 0.67 0.00	20.07 0.69 0.00	19.47 0.68 0.00	23.34 0.77 0.00	30.90 0.89 0.00	27.89 0.77 0.00	26.42 0.54 0.00	22.65 0.49 0.00	25.39 0.65 0.00	28.28 0.72 0.00	32.33 0.72 0.00	32.50 0.73 0.00	32.34 0.72 0.00	30.23 0.67 0.00	30.58 0.65 0.00	34.03 0.79 0.00	38.32 1.16 0.00	39.17 1.25 0.00	43.82 1.45 0.00	39.86 1.31 0.00	33.25 1.09 0.00	29.88 0.99 0.00
HUNTER MOUNT___DRP 323613	25.19 0.98 0.00	19.24 0.71 0.00	19.14 0.72 0.00	20.13 0.75 0.00	19.53 0.73 0.00	23.40 0.84 0.00	31.03 1.02 0.00	28.01 0.88 0.00	26.51 0.63 0.00	22.72 0.56 0.00	25.48 0.73 0.00	28.38 0.82 0.00	32.44 0.83 0.00	32.60 0.83 0.00	32.51 0.89 0.00	30.42 0.85 0.00	30.75 0.82 0.00	34.22 0.98 0.00	38.55 1.38 0.00	39.42 1.50 0.00	44.09 1.73 0.00	40.10 1.55 0.00	33.44 1.28 0.00	30.03 1.14 0.00
HUNTINGTON_RES_REC 323705	24.67 1.47 1.01	17.45 0.96 2.04	19.42 0.99 0.00	20.38 1.01 0.00	18.57 1.02 1.25	23.80 1.24 0.00	31.63 1.62 0.00	28.58 1.45 0.00	27.30 1.43 0.00	23.66 1.49 0.00	26.49 1.75 0.00	29.40 1.84 0.00	33.65 2.05 0.00	33.99 2.22 0.00	33.53 1.92 0.00	31.91 2.02 -0.32	32.26 2.32 -0.01	36.60 2.58 -0.77	39.39 2.23 0.00	39.97 2.04 0.00	44.68 2.32 0.00	40.77 2.22 0.00	34.16 2.00 0.00	30.54 1.64 0.00
HUNTLEY___63 23557	21.48 -2.73 0.00	16.71 -1.81 0.00	16.55 -1.87 0.00	17.47 -1.91 0.00	16.96 -1.83 0.00	20.33 -2.23 0.00	27.07 -2.94 0.00	24.20 -2.93 0.00	23.50 -2.37 0.00	20.14 -2.03 0.00	22.26 -2.39 0.09	24.82 -2.72 0.03	28.11 -2.90 0.60	25.08 -2.90 3.79	19.14 -2.89 9.59	23.21 -2.79 3.57	16.94 -2.79 10.20	19.11 -3.02 11.11	21.03 -3.71 12.43	26.62 -3.83 7.47	34.98 -4.47 2.91	24.25 -3.68 10.62	25.17 -3.02 3.97	25.83 -2.64 0.42
HUNTLEY___64 23558	21.48 -2.73 0.00	16.71 -1.81 0.00	16.55 -1.87 0.00	17.47 -1.91 0.00	16.96 -1.83 0.00	20.33 -2.23 0.00	27.07 -2.94 0.00	24.20 -2.93 0.00	23.50 -2.37 0.00	20.14 -2.03 0.00	22.26 -2.39 0.09	24.82 -2.72 0.03	28.11 -2.90 0.60	25.08 -2.90 3.79	19.14 -2.89 9.59	23.21 -2.79 3.57	16.94 -2.79 10.20	19.11 -3.02 11.11	21.03 -3.71 12.43	26.62 -3.83 7.47	34.98 -4.47 2.91	24.25 -3.68 10.62	25.17 -3.02 3.97	25.83 -2.64 0.42
HUNTLEY___65 23559	21.48 -2.73 0.00	16.71 -1.81 0.00	16.55 -1.87 0.00	17.47 -1.91 0.00	16.96 -1.83 0.00	20.33 -2.23 0.00	27.07 -2.94 0.00	24.20 -2.93 0.00	23.50 -2.37 0.00	20.14 -2.03 0.00	22.26 -2.39 0.09	24.82 -2.72 0.03	28.11 -2.90 0.60	25.08 -2.90 3.79	19.14 -2.89 9.59	23.21 -2.79 3.57	16.94 -2.79 10.20	19.11 -3.02 11.11	21.03 -3.71 12.43	26.62 -3.83 7.47	34.98 -4.47 2.91	24.25 -3.68 10.62	25.17 -3.02 3.97	25.83 -2.64 0.42
HUNTLEY___66 23560	21.48 -2.73 0.00	16.71 -1.81 0.00	16.55 -1.87 0.00	17.47 -1.91 0.00	16.96 -1.83 0.00	20.33 -2.23 0.00	27.07 -2.94 0.00	24.20 -2.93 0.00	23.50 -2.37 0.00	20.14 -2.03 0.00	22.26 -2.39 0.09	24.82 -2.72 0.03	28.11 -2.90 0.60	25.08 -2.90 3.79	19.14 -2.89 9.59	23.21 -2.79 3.57	16.94 -2.79 10.20	19.11 -3.02 11.11	21.03 -3.71 12.43	26.62 -3.83 7.47	34.98 -4.47 2.91	24.25 -3.68 10.62	25.17 -3.02 3.97	25.83 -2.64 0.42
HUNTLEY___67 23561	21.44 -2.77 0.00	16.66 -1.87 0.00	16.50 -1.92 0.00	17.41 -1.97 0.00	16.91 -1.88 0.00	20.33 -2.23 0.00	27.07 -2.94 0.00	24.23 -2.90 0.00	23.52 -2.35 0.00	20.13 -2.03 0.00	22.26 -2.39 0.09	24.84 -2.69 0.03	28.09 -2.90 0.62	24.85 -2.96 3.95	18.66 -2.98 9.98	23.00 -2.85 3.72	16.42 -2.89 10.62	18.54 -3.15 11.56	20.38 -3.85 12.93	26.15 -3.99 7.78	34.81 -4.53 3.03	23.63 -3.87 11.05	24.85 -3.17 4.14	25.76 -2.69 0.44

HUNTLEY___68 23562	21.44 -2.77 0.00	16.66 -1.87 0.00	16.50 -1.92 0.00	17.41 -1.97 0.00	16.91 -1.88 0.00	20.33 -2.23 0.00	27.07 -2.94 0.00	24.23 -2.90 0.00	23.52 -2.35 0.00	20.13 -2.03 0.00	22.26 -2.39 0.09	24.84 -2.69 0.03	28.09 -2.90 0.62	24.85 -2.96 3.95	18.66 -2.98 9.98	23.00 -2.85 3.72	16.42 -2.89 10.62	18.54 -3.15 11.56	20.38 -3.85 12.93	26.15 -3.99 7.78	34.81 -4.53 3.03	23.63 -3.87 11.05	24.85 -3.17 4.14	25.76 -2.69 0.44
HYLAND___LFGE 323620	23.56 -0.65 0.00	18.19 -0.34 0.00	18.04 -0.38 0.00	19.03 -0.34 0.00	18.51 -0.28 0.00	22.37 -0.19 0.00	29.77 -0.24 0.00	26.20 -0.92 0.00	24.72 -1.15 0.00	21.09 -1.08 0.00	23.68 -1.33 -0.27	26.16 -1.51 -0.10	32.00 -1.52 -1.91	42.39 -1.58 -12.20	60.87 -1.59 -30.84	39.78 -1.53 -11.74	61.30 -1.44 -32.81	67.59 -1.39 -35.74	75.57 -1.56 -39.97	60.94 -1.02 -24.04	51.66 -0.06 -9.35	72.80 0.10 -34.15	44.69 -0.25 -12.78	29.91 -0.35 -1.37
INDECK___CORINTH 23802	24.99 0.78 0.00	19.06 0.53 0.00	18.94 0.51 0.00	19.93 0.55 0.00	19.35 0.56 0.00	23.28 0.72 0.00	30.95 0.93 0.00	27.97 0.85 0.00	26.59 0.72 0.00	22.74 0.57 0.00	25.43 0.69 0.00	28.24 0.68 0.00	32.33 0.72 0.00	32.45 0.68 0.00	32.25 0.63 0.00	30.23 0.67 0.00	30.60 0.67 0.00	34.17 0.92 0.00	38.53 1.37 0.00	39.42 1.50 0.00	44.02 1.66 0.00	40.06 1.51 0.00	33.32 1.16 0.00	29.82 0.93 0.00
INDECK___ILION 23567	25.38 1.17 0.00	19.30 0.78 0.00	19.19 0.77 0.00	20.17 0.79 0.00	19.55 0.75 0.00	23.38 0.82 0.00	31.00 0.99 0.00	27.77 0.65 0.00	26.01 0.14 0.00	22.18 0.01 0.00	25.04 0.30 0.00	27.87 0.30 0.00	31.82 0.21 0.00	31.73 -0.03 0.00	31.50 -0.12 0.00	29.39 -0.18 0.00	29.79 -0.14 0.00	33.53 0.28 0.00	38.17 1.00 0.00	39.61 1.68 0.00	44.73 2.37 0.00	40.83 2.28 0.00	33.99 1.83 0.00	30.35 1.46 0.00
INDECK___OLEAN 23982	22.02 -2.19 0.00	17.11 -1.42 0.00	16.97 -1.45 0.00	17.96 -1.41 0.00	17.43 -1.36 0.00	20.96 -1.60 0.00	27.91 -2.11 0.00	25.08 -2.04 0.00	24.23 -1.64 0.00	20.72 -1.44 0.00	22.88 -1.82 0.04	25.44 -2.11 0.01	29.15 -2.18 0.27	27.86 -2.15 1.76	25.04 -2.14 4.44	25.93 -2.05 1.59	23.10 -2.10 4.73	25.83 -2.27 5.15	28.57 -2.82 5.76	31.48 -2.97 3.46	37.51 -3.51 1.35	30.73 -2.90 4.92	27.91 -2.40 1.84	26.48 -2.22 0.20
INDECK___OSWEGO 23783	23.45 -0.76 0.00	17.96 -0.57 0.00	17.85 -0.57 0.00	18.77 -0.60 0.00	18.22 -0.58 0.00	21.89 -0.67 0.00	29.14 -0.87 0.00	26.28 -0.84 0.00	25.03 -0.84 0.00	21.43 -0.74 0.00	23.90 -0.84 0.00	26.62 -0.95 0.00	30.57 -1.04 0.00	30.71 -1.05 0.00	30.57 -1.05 0.00	28.54 -1.03 0.00	28.87 -1.06 0.00	32.00 -1.24 0.00	35.73 -1.43 0.00	36.55 -1.37 0.00	40.89 -1.47 0.00	37.23 -1.33 0.00	31.07 -1.08 0.00	27.95 -0.94 0.00
INDECK___YERKES 23781	21.50 -2.72 0.00	16.72 -1.80 0.00	16.56 -1.86 0.00	17.48 -1.89 0.00	16.98 -1.81 0.00	20.34 -2.22 0.00	27.06 -2.95 0.00	24.23 -2.90 0.00	23.52 -2.36 0.00	20.15 -2.02 0.00	22.28 -2.37 0.09	24.85 -2.69 0.03	28.14 -2.87 0.60	25.12 -2.85 3.79	19.22 -2.81 9.59	23.26 -2.74 3.57	17.01 -2.72 10.20	19.20 -2.93 11.11	21.11 -3.63 12.43	26.67 -3.78 7.47	35.00 -4.46 2.91	24.33 -3.60 10.62	25.20 -2.98 3.97	25.85 -2.62 0.42
INDIAN POINT_GT_1 24139	25.04 0.83 0.00	19.04 0.51 0.00	18.91 0.49 0.00	19.88 0.50 0.00	19.29 0.50 0.00	23.21 0.65 0.00	30.86 0.85 0.00	28.07 0.94 0.00	26.87 0.99 0.00	23.13 0.97 0.00	25.96 1.22 0.00	28.93 1.37 0.00	33.19 1.59 0.00	33.45 1.68 0.00	33.29 1.68 0.00	31.26 1.70 0.00	31.78 1.85 0.00	35.18 1.93 0.00	39.11 1.94 0.00	39.58 1.66 0.00	44.02 1.66 0.00	40.01 1.46 0.00	33.39 1.24 0.00	29.84 0.95 0.00
INDIAN POINT_GT_2 23659	25.04 0.83 0.00	19.04 0.51 0.00	18.91 0.49 0.00	19.88 0.50 0.00	19.29 0.50 0.00	23.21 0.65 0.00	30.86 0.85 0.00	28.07 0.94 0.00	26.87 0.99 0.00	23.13 0.97 0.00	25.96 1.22 0.00	28.93 1.37 0.00	33.19 1.59 0.00	33.45 1.68 0.00	33.29 1.68 0.00	31.26 1.70 0.00	31.78 1.85 0.00	35.18 1.93 0.00	39.11 1.94 0.00	39.58 1.66 0.00	44.02 1.66 0.00	40.01 1.46 0.00	33.39 1.24 0.00	29.84 0.95 0.00
INDIAN POINT_GT_3 24019	25.04 0.83 0.00	19.04 0.51 0.00	18.91 0.49 0.00	19.88 0.50 0.00	19.29 0.50 0.00	23.21 0.65 0.00	30.86 0.85 0.00	28.07 0.94 0.00	26.87 0.99 0.00	23.13 0.97 0.00	25.96 1.22 0.00	28.93 1.37 0.00	33.19 1.59 0.00	33.45 1.68 0.00	33.29 1.68 0.00	31.26 1.70 0.00	31.78 1.85 0.00	35.18 1.93 0.00	39.11 1.94 0.00	39.58 1.66 0.00	44.02 1.66 0.00	40.01 1.46 0.00	33.39 1.24 0.00	29.84 0.95 0.00
INDIAN POINT___2 23530	25.01 0.80 0.00	19.01 0.48 0.00	18.88 0.46 0.00	19.84 0.46 0.00	19.26 0.46 0.00	23.17 0.61 0.00	30.82 0.81 0.00	28.02 0.89 0.00	26.81 0.94 0.00	23.10 0.93 0.00	25.91 1.17 0.00	28.87 1.31 0.00	33.14 1.54 0.00	33.40 1.63 0.00	33.23 1.62 0.00	31.21 1.64 0.00	31.72 1.79 0.00	35.11 1.87 0.00	39.03 1.87 0.00	39.51 1.59 0.00	43.96 1.60 0.00	39.94 1.39 0.00	33.33 1.17 0.00	29.80 0.91 0.00
INDIAN POINT___3 23531	25.03 0.82 0.00	19.02 0.50 0.00	18.90 0.48 0.00	19.86 0.48 0.00	19.27 0.48 0.00	23.19 0.63 0.00	30.84 0.83 0.00	28.05 0.92 0.00	26.83 0.96 0.00	23.10 0.94 0.00	25.94 1.19 0.00	28.89 1.33 0.00	33.16 1.55 0.00	33.42 1.65 0.00	33.26 1.65 0.00	31.23 1.67 0.00	31.74 1.81 0.00	35.14 1.89 0.00	39.06 1.90 0.00	39.53 1.61 0.00	43.97 1.61 0.00	39.97 1.42 0.00	33.35 1.20 0.00	29.82 0.93 0.00
INDIANHD_69_KV_BK1 55831	29.67 1.56 -3.90	27.37 1.02 -7.83	19.47 1.05 0.00	20.44 1.07 0.00	24.66 1.08 -4.79	23.87 1.31 0.00	31.72 1.71 0.00	28.65 1.53 0.00	27.38 1.51 0.00	23.72 1.55 0.00	26.54 1.80 0.00	29.46 1.90 0.00	33.72 2.11 0.00	34.07 2.30 0.00	33.60 1.98 0.00	31.97 2.07 -0.32	32.32 2.39 -0.01	36.73 2.71 -0.77	39.52 2.36 0.00	40.10 2.18 0.00	44.84 2.48 0.00	40.90 2.35 0.00	34.29 2.13 0.00	30.64 1.75 0.00
INGHAM_C_115KV_TB7 356103	25.38 1.17 0.00	19.30 0.78 0.00	19.19 0.77 0.00	20.17 0.79 0.00	19.55 0.75 0.00	23.38 0.82 0.00	31.00 0.99 0.00	27.77 0.65 0.00	26.01 0.14 0.00	22.18 0.01 0.00	25.04 0.30 0.00	27.87 0.30 0.00	31.82 0.21 0.00	31.73 -0.03 0.00	31.50 -0.12 0.00	29.39 -0.18 0.00	29.79 -0.14 0.00	33.53 0.28 0.00	38.17 1.00 0.00	39.61 1.68 0.00	44.73 2.37 0.00	40.83 2.28 0.00	33.99 1.83 0.00	30.35 1.46 0.00
IP CORINTH___1 23988	24.99 0.78 0.00	19.06 0.53 0.00	18.94 0.51 0.00	19.93 0.55 0.00	19.35 0.56 0.00	23.28 0.72 0.00	30.95 0.93 0.00	27.97 0.85 0.00	26.59 0.72 0.00	22.74 0.57 0.00	25.43 0.69 0.00	28.24 0.68 0.00	32.33 0.72 0.00	32.45 0.68 0.00	32.24 0.63 0.00	30.23 0.67 0.00	30.61 0.68 0.00	34.17 0.92 0.00	38.53 1.37 0.00	39.42 1.50 0.00	44.02 1.66 0.00	40.06 1.51 0.00	33.33 1.17 0.00	29.83 0.93 0.00

IP___TICONDEROGA 23804	25.62 1.41 0.00	19.47 0.94 0.00	19.29 0.87 0.00	20.38 1.01 0.00	19.80 1.01 0.00	23.96 1.39 0.00	31.80 1.78 0.00	28.77 1.65 0.00	27.30 1.43 0.00	23.23 1.07 0.00	25.81 1.07 0.00	28.72 1.16 0.00	32.88 1.27 0.00	32.98 1.22 0.00	32.77 1.16 0.00	30.92 1.35 0.00	31.31 1.38 0.00	35.01 1.77 0.00	39.56 2.40 0.00	40.32 2.39 0.00	44.92 2.56 0.00	41.02 2.47 0.00	34.13 1.97 0.00	30.50 1.61 0.00
ISLIP_RES_REC 323679	27.97 1.72 -2.04	23.76 1.15 -4.09	19.59 1.17 0.00	20.58 1.20 0.00	22.51 1.22 -2.50	24.04 1.48 0.00	31.94 1.93 0.00	28.79 1.66 0.00	27.55 1.68 0.00	23.87 1.70 0.00	26.68 1.94 0.00	29.59 2.03 0.00	33.89 2.29 0.00	34.26 2.49 0.00	33.66 2.05 0.00	32.05 2.16 -0.33	32.45 2.52 -0.01	36.95 2.94 -0.77	39.74 2.58 0.00	40.35 2.43 0.00	45.16 2.80 0.00	41.14 2.59 0.00	34.51 2.36 0.00	30.85 1.96 0.00
JAMAICA__27_KV_LOAD 355505	25.27 1.05 0.00	19.09 0.58 0.02	-15.06 0.55 34.03	-14.09 0.56 34.03	-43.02 0.57 62.37	23.29 0.75 0.02	30.97 0.96 0.01	28.24 1.12 0.00	27.08 1.21 0.00	23.30 1.13 0.00	26.15 1.41 0.00	29.12 1.56 0.00	33.36 1.76 0.01	33.65 1.89 0.00	33.48 1.87 0.00	31.52 1.95 0.00	31.99 2.07 0.00	-100.74 2.10 136.10	-41.54 2.10 80.80	39.67 1.75 0.00	44.11 1.74 0.00	40.16 1.61 0.00	33.60 1.45 0.00	30.01 1.12 0.00
JANIS___SOLAR 323808	24.59 0.38 0.00	18.89 0.36 0.00	18.76 0.34 0.00	19.77 0.39 0.00	19.18 0.39 0.00	23.08 0.52 0.00	30.65 0.63 0.00	27.46 0.33 0.00	25.80 -0.07 0.00	21.88 -0.29 0.00	24.33 -0.43 -0.03	27.22 -0.35 -0.01	31.47 -0.31 -0.17	32.58 -0.35 -1.15	34.31 -0.25 -2.95	30.40 -0.26 -1.10	33.00 -0.06 -3.14	36.75 0.08 -3.42	41.38 0.40 -3.82	41.33 1.11 -2.30	44.87 1.62 -0.89	43.27 1.46 -3.27	34.44 1.06 -1.22	29.82 0.79 -0.13
JARVIS____ 23743	24.27 0.06 0.00	18.56 0.04 0.00	18.46 0.04 0.00	19.41 0.04 0.00	18.83 0.04 0.00	22.60 0.04 0.00	30.05 0.03 0.00	27.14 0.02 0.00	25.87 0.00 0.00	22.17 0.00 0.00	24.77 0.03 0.00	27.59 0.03 0.00	31.64 0.03 0.00	31.80 0.03 0.00	31.65 0.03 0.00	29.59 0.03 0.00	29.96 0.03 0.00	33.28 0.03 0.00	37.20 0.04 0.00	37.97 0.05 0.00	42.41 0.04 0.00	38.59 0.04 0.00	32.22 0.06 0.00	28.94 0.05 0.00
JENNISON___1 23625	24.62 0.40 0.00	19.00 0.48 0.00	18.83 0.41 0.00	19.80 0.43 0.00	19.15 0.36 0.00	23.10 0.54 0.00	30.56 0.55 0.00	27.61 0.49 0.00	26.24 0.37 0.00	22.39 0.22 0.00	24.91 0.16 -0.02	27.76 0.19 0.00	32.12 0.41 -0.10	32.87 0.40 -0.70	33.81 0.34 -1.85	30.59 0.34 -0.68	32.52 0.62 -1.97	36.22 0.83 -2.15	40.75 1.18 -2.40	40.93 1.57 -1.45	44.82 1.90 -0.56	42.25 1.65 -2.05	34.18 1.26 -0.77	29.94 0.96 -0.08
JENNISON___2 23626	24.62 0.40 0.00	19.00 0.48 0.00	18.83 0.41 0.00	19.80 0.43 0.00	19.15 0.36 0.00	23.10 0.54 0.00	30.56 0.55 0.00	27.61 0.49 0.00	26.24 0.37 0.00	22.39 0.22 0.00	24.91 0.16 -0.02	27.76 0.19 0.00	32.12 0.41 -0.10	32.87 0.40 -0.70	33.81 0.34 -1.85	30.59 0.34 -0.68	32.52 0.62 -1.97	36.22 0.83 -2.15	40.75 1.18 -2.40	40.93 1.57 -1.45	44.82 1.90 -0.56	42.25 1.65 -2.05	34.18 1.26 -0.77	29.94 0.96 -0.08
JERICHO_RISE_WT_PWR 323719	24.29 0.08 0.00	18.61 0.08 0.00	18.51 0.09 0.00	19.51 0.14 0.00	18.93 0.13 0.00	22.69 0.13 0.00	30.24 0.23 0.00	27.32 0.20 0.00	26.08 0.20 0.00	22.29 0.13 0.00	24.77 0.03 0.00	27.56 0.00 0.00	31.56 -0.05 0.00	31.73 -0.04 0.00	31.62 0.01 0.00	29.59 0.03 0.00	29.96 0.03 0.00	33.36 0.12 0.00	37.35 0.19 0.00	38.19 0.27 0.00	42.76 0.40 0.00	38.88 0.33 0.00	32.36 0.20 0.00	29.03 0.14 0.00
KATONAH__115KV_46KV_TB4 355592	25.16 0.94 0.00	19.12 0.59 0.00	19.00 0.57 0.00	19.96 0.58 0.00	19.38 0.58 0.00	23.31 0.75 0.00	31.01 0.99 0.00	28.20 1.08 0.00	26.98 1.11 0.00	23.23 1.07 0.00	26.07 1.34 0.00	29.06 1.50 0.00	33.33 1.72 0.00	33.59 1.82 0.00	33.42 1.80 0.00	31.38 1.82 0.00	31.90 1.97 0.00	35.34 2.09 0.00	39.28 2.11 0.00	39.77 1.85 0.00	44.22 1.86 0.00	40.20 1.65 0.00	33.53 1.37 0.00	29.97 1.07 0.00
KCE_NY_1 323755	25.15 0.93 0.00	19.19 0.67 0.00	19.08 0.66 0.00	20.06 0.69 0.00	19.47 0.68 0.00	23.40 0.84 0.00	31.09 1.08 0.00	28.07 0.95 0.00	26.71 0.84 0.00	22.87 0.70 0.00	25.58 0.84 0.00	28.46 0.89 0.00	32.61 1.00 0.00	32.73 0.96 0.00	32.53 0.91 0.00	30.49 0.92 0.00	30.84 0.91 0.00	34.41 1.16 0.00	38.73 1.56 0.00	39.61 1.69 0.00	44.21 1.85 0.00	40.22 1.67 0.00	33.48 1.32 0.00	30.00 1.11 0.00
KCE_NY_6_ESR 323823	21.83 -2.38 0.00	16.96 -1.57 0.00	16.79 -1.63 0.00	17.74 -1.64 0.00	17.21 -1.58 0.00	20.73 -1.84 0.00	27.56 -2.45 0.00	24.65 -2.47 0.00	23.89 -1.99 0.00	20.47 -1.70 0.00	22.61 -2.03 0.10	25.23 -2.29 0.04	28.51 -2.39 0.71	24.83 -2.40 4.54	17.76 -2.38 11.47	22.97 -2.32 4.27	15.39 -2.33 12.21	17.49 -2.46 13.30	19.20 -3.08 14.87	25.81 -3.17 8.95	35.23 -3.65 3.48	22.79 -3.05 12.71	24.84 -2.56 4.76	26.15 -2.23 0.51
KEDC_PORT_JEFF_GT2 24210	28.39 1.63 -2.55	24.72 1.09 -5.11	19.53 1.10 0.00	20.50 1.13 0.00	23.06 1.15 -3.12	23.95 1.39 0.00	31.81 1.79 0.00	28.67 1.54 0.00	27.44 1.56 0.00	23.78 1.61 0.00	26.58 1.84 0.00	29.48 1.92 0.00	33.77 2.16 0.00	34.10 2.33 0.00	33.52 1.91 0.00	31.93 2.04 -0.32	32.31 2.37 -0.01	36.76 2.75 -0.76	39.55 2.39 0.00	40.14 2.22 0.00	44.92 2.56 0.00	40.93 2.38 0.00	34.35 2.19 0.00	30.72 1.82 0.00
KEDC_PORT_JEFF_GT3 24211	28.39 1.63 -2.55	24.72 1.09 -5.11	19.53 1.10 0.00	20.50 1.13 0.00	23.06 1.15 -3.12	23.95 1.39 0.00	31.81 1.79 0.00	28.67 1.54 0.00	27.44 1.56 0.00	23.78 1.61 0.00	26.58 1.84 0.00	29.48 1.92 0.00	33.77 2.16 0.00	34.10 2.33 0.00	33.52 1.91 0.00	31.93 2.04 -0.32	32.31 2.37 -0.01	36.76 2.75 -0.76	39.55 2.39 0.00	40.14 2.22 0.00	44.92 2.56 0.00	40.93 2.38 0.00	34.35 2.19 0.00	30.72 1.82 0.00
KEDC_GLWD_GT4 24219	25.41 1.20 0.00	19.28 0.76 0.00	19.18 0.76 0.00	20.14 0.77 0.00	19.56 0.77 0.00	23.52 0.96 0.00	31.29 1.27 0.00	28.41 1.29 0.00	27.12 1.25 0.00	23.47 1.30 0.00	26.34 1.60 0.00	29.33 1.77 0.00	33.62 2.01 0.00	33.92 2.15 0.00	33.67 2.05 0.00	32.18 2.09 -0.52	32.23 2.29 -0.01	36.79 2.32 -1.22	39.36 2.20 0.00	39.85 1.93 0.00	44.38 2.02 0.00	40.38 1.83 0.00	33.74 1.58 0.00	30.23 1.34 0.00
KEDC_GLWD_GT5 24220	25.41 1.20 0.00	19.28 0.76 0.00	19.18 0.76 0.00	20.14 0.77 0.00	19.56 0.77 0.00	23.52 0.96 0.00	31.29 1.27 0.00	28.41 1.29 0.00	27.12 1.25 0.00	23.47 1.30 0.00	26.34 1.60 0.00	29.33 1.77 0.00	33.62 2.01 0.00	33.92 2.15 0.00	33.67 2.05 0.00	32.18 2.09 -0.52	32.23 2.29 -0.01	36.79 2.32 -1.22	39.36 2.20 0.00	39.85 1.93 0.00	44.38 2.02 0.00	40.38 1.83 0.00	33.74 1.58 0.00	30.23 1.34 0.00

KENSICO____ 23655	25.12 0.90 0.00	19.08 0.55 0.00	18.96 0.54 0.00	19.92 0.54 0.00	19.34 0.55 0.00	23.27 0.71 0.00	30.93 0.92 0.00	28.14 1.02 0.00	26.93 1.06 0.00	23.20 1.03 0.00	26.05 1.31 0.00	29.02 1.46 0.00	33.29 1.68 0.00	33.54 1.77 0.00	33.37 1.76 0.00	31.35 1.78 0.00	31.87 1.94 0.00	35.27 2.02 0.00	39.18 2.02 0.00	39.64 1.72 0.00	44.09 1.73 0.00	40.09 1.54 0.00	33.46 1.30 0.00	29.91 1.02 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.06 0.85 0.00	19.04 0.52 0.00	18.92 0.50 0.00	19.88 0.51 0.00	19.30 0.51 0.00	23.22 0.66 0.00	30.94 0.92 0.00	28.12 0.99 0.00	26.92 1.05 0.00	23.10 0.93 0.00	25.87 1.13 0.00	28.81 1.24 0.00	33.06 1.45 0.00	33.32 1.55 0.00	33.09 1.48 0.00	31.06 1.50 0.00	31.68 1.75 0.00	35.22 1.97 0.00	39.25 2.09 0.00	39.85 1.93 0.00	44.36 2.00 0.00	40.32 1.77 0.00	33.57 1.42 0.00	29.96 1.07 0.00
KIAC_JFK_GT1 23816	25.12 0.90 0.00	18.98 0.47 0.02	-15.17 0.44 34.03	-14.21 0.44 34.03	-43.13 0.45 62.37	23.15 0.61 0.02	30.77 0.77 0.01	28.07 0.94 0.00	26.91 1.04 0.00	23.16 0.99 0.00	26.00 1.26 0.00	28.97 1.41 0.00	33.19 1.59 0.01	33.46 1.69 0.00	33.27 1.66 0.00	31.32 1.75 0.00	31.76 1.83 0.00	-101.08 1.77 136.10	-41.92 1.72 80.80	39.28 1.35 0.00	43.65 1.29 0.00	39.86 1.31 0.00	33.38 1.22 0.00	29.81 0.92 0.00
KIAC_JFK_GT2 23817	25.12 0.90 0.00	18.98 0.47 0.02	-15.17 0.44 34.03	-14.21 0.44 34.03	-43.13 0.45 62.37	23.15 0.61 0.02	30.77 0.77 0.01	28.07 0.94 0.00	26.91 1.04 0.00	23.16 0.99 0.00	26.00 1.26 0.00	28.97 1.41 0.00	33.19 1.59 0.01	33.46 1.69 0.00	33.27 1.66 0.00	31.32 1.75 0.00	31.76 1.83 0.00	-101.08 1.77 136.10	-41.92 1.72 80.80	39.28 1.35 0.00	43.65 1.29 0.00	39.86 1.31 0.00	33.38 1.22 0.00	29.81 0.92 0.00
KIAC_JFK____ 323774	25.11 0.90 0.00	18.98 0.47 0.02	-15.17 0.44 34.03	-14.21 0.44 34.03	-43.13 0.45 62.37	23.15 0.61 0.02	30.79 0.78 0.01	28.06 0.93 0.00	26.91 1.04 0.00	23.16 0.99 0.00	26.00 1.26 0.00	28.96 1.41 0.00	33.19 1.59 0.01	33.44 1.68 0.00	33.26 1.65 0.00	31.30 1.74 0.00	31.75 1.82 0.00	-101.09 1.75 136.10	-41.92 1.72 80.80	39.28 1.36 0.00	43.68 1.31 0.00	39.86 1.31 0.00	33.37 1.21 0.00	29.81 0.92 0.00
KINTIGH_24_KV_GSU 356498	21.74 -2.48 0.00	16.82 -1.70 0.00	16.68 -1.75 0.00	17.59 -1.78 0.00	17.09 -1.71 0.00	20.56 -2.00 0.00	27.34 -2.67 0.00	24.57 -2.55 0.00	23.75 -2.13 0.00	20.32 -1.85 0.00	22.52 -2.16 0.05	25.10 -2.44 0.02	28.61 -2.63 0.37	26.72 -2.69 2.35	22.98 -2.70 5.94	24.79 -2.57 2.20	20.99 -2.62 6.32	23.52 -2.85 6.88	26.01 -3.46 7.69	29.69 -3.61 4.63	36.48 -4.08 1.80	28.47 -3.50 6.57	26.80 -2.89 2.46	26.20 -2.43 0.26
KINTIGH____ 23543	21.73 -2.48 0.00	16.83 -1.70 0.00	16.68 -1.75 0.00	17.59 -1.79 0.00	17.09 -1.71 0.00	20.55 -2.01 0.00	27.37 -2.64 0.00	24.56 -2.57 0.00	23.75 -2.13 0.00	20.32 -1.85 0.00	22.52 -2.17 0.05	25.10 -2.44 0.02	28.60 -2.64 0.37	26.70 -2.71 2.35	22.93 -2.75 5.94	24.76 -2.60 2.20	20.95 -2.67 6.32	23.46 -2.91 6.88	25.97 -3.50 7.69	29.67 -3.62 4.63	36.50 -4.06 1.80	28.43 -3.55 6.57	26.79 -2.91 2.46	26.20 -2.43 0.26
KNTFSRNC_46_KV_46KV_LOAD 80397	24.51 0.29 0.00	18.77 0.25 0.00	18.67 0.25 0.00	19.71 0.34 0.00	19.13 0.34 0.00	22.92 0.36 0.00	30.56 0.55 0.00	27.61 0.48 0.00	26.25 0.37 0.00	22.35 0.19 0.00	24.85 0.11 0.00	27.65 0.08 0.00	31.65 0.04 0.00	31.77 0.00 0.00	31.69 0.07 0.00	29.65 0.08 0.00	30.06 0.13 0.00	33.54 0.29 0.00	37.60 0.44 0.00	38.63 0.71 0.00	43.48 1.12 0.00	39.55 1.00 0.00	32.89 0.73 0.00	29.44 0.54 0.00
LACHUTE____HYDRO 323717	25.62 1.41 0.00	19.47 0.94 0.00	19.29 0.87 0.00	20.38 1.01 0.00	19.80 1.01 0.00	23.96 1.40 0.00	31.80 1.78 0.00	28.77 1.65 0.00	27.30 1.43 0.00	23.23 1.07 0.00	25.81 1.07 0.00	28.72 1.16 0.00	32.88 1.27 0.00	32.98 1.21 0.00	32.77 1.16 0.00	30.91 1.35 0.00	31.31 1.38 0.00	35.01 1.77 0.00	39.56 2.40 0.00	40.32 2.40 0.00	44.92 2.55 0.00	41.02 2.47 0.00	34.13 1.97 0.00	30.50 1.61 0.00
LAWRNCV_115KV_TB1 80681	24.07 -0.14 0.00	18.46 -0.06 0.00	18.35 -0.07 0.00	19.30 -0.07 0.00	18.73 -0.07 0.00	22.34 -0.22 0.00	29.75 -0.27 0.00	26.67 -0.46 0.00	25.31 -0.56 0.00	21.60 -0.57 0.00	23.98 -0.76 0.00	26.35 -1.21 0.00	30.09 -1.52 0.00	30.22 -1.54 0.00	30.09 -1.52 0.00	28.16 -1.41 0.00	28.52 -1.42 0.00	31.79 -1.45 0.00	35.70 -1.46 0.00	36.75 -1.18 0.00	41.73 -0.63 0.00	38.01 -0.54 0.00	31.73 -0.43 0.00	28.72 -0.17 0.00
LEDERLE____ 23769	25.14 0.92 0.00	19.10 0.58 0.00	18.97 0.55 0.00	19.94 0.56 0.00	19.35 0.56 0.00	23.29 0.73 0.00	30.99 0.98 0.00	28.18 1.06 0.00	26.97 1.10 0.00	23.23 1.06 0.00	26.06 1.32 0.00	29.05 1.49 0.00	33.38 1.77 0.00	33.66 1.89 0.00	33.51 1.89 0.00	31.47 1.90 0.00	31.98 2.05 0.00	35.41 2.17 0.00	39.37 2.21 0.00	39.85 1.92 0.00	44.30 1.94 0.00	40.24 1.69 0.00	33.56 1.40 0.00	29.98 1.08 0.00
LIGHTHSE_115KV_TB6 355974	23.65 -0.56 0.00	18.10 -0.42 0.00	17.99 -0.43 0.00	18.90 -0.48 0.00	18.34 -0.45 0.00	22.04 -0.52 0.00	29.45 -0.56 0.00	26.43 -0.70 0.00	25.08 -0.79 0.00	21.45 -0.71 0.00	23.87 -0.87 0.00	26.55 -1.02 0.00	30.44 -1.17 0.00	30.57 -1.20 0.00	30.45 -1.17 0.00	28.44 -1.13 0.00	28.83 -1.11 0.00	32.00 -1.25 0.00	35.81 -1.35 0.00	36.78 -1.15 0.00	41.35 -1.01 0.00	37.66 -0.89 0.00	31.48 -0.68 0.00	28.33 -0.56 0.00
LINDEN COGEN____ 23786	25.11 0.89 0.00	19.04 0.52 0.00	18.91 0.49 0.00	19.87 0.50 0.00	19.29 0.50 0.00	23.23 0.67 0.00	30.87 0.85 0.00	28.11 0.98 0.00	26.93 1.05 0.00	23.21 1.04 0.00	26.11 1.36 0.00	29.08 1.52 0.00	33.33 1.73 0.00	33.60 1.83 0.00	33.43 1.81 0.00	31.44 1.87 0.00	31.95 2.02 0.00	35.32 2.08 0.00	39.22 2.06 0.00	39.62 1.69 0.00	44.04 1.67 0.00	40.01 1.46 0.00	33.41 1.26 0.00	29.86 0.97 0.00
LINDHRST_69_KV_BK1 356055	26.01 1.65 -0.15	19.89 1.08 -0.29	19.53 1.11 0.00	20.49 1.11 0.00	20.09 1.11 -0.18	23.95 1.39 0.00	31.85 1.83 0.00	28.84 1.71 0.00	27.56 1.69 0.00	23.83 1.66 0.00	26.69 1.95 0.00	29.65 2.09 0.00	33.95 2.34 0.00	34.31 2.54 0.00	33.94 2.33 0.00	32.36 2.42 -0.37	32.65 2.72 -0.01	37.08 2.95 -0.87	39.87 2.70 0.00	40.45 2.53 0.00	45.19 2.83 0.00	41.20 2.65 0.00	34.46 2.31 0.00	30.77 1.87 0.00
LIPA_MISC_IPP 23656	28.22 1.63 -2.38	24.38 1.09 -4.76	19.53 1.11 0.00	20.52 1.14 0.00	22.86 1.16 -2.91	23.95 1.39 0.00	31.77 1.75 0.00	28.57 1.45 0.00	27.38 1.51 0.00	23.74 1.57 0.00	26.53 1.79 0.00	29.39 1.83 0.00	33.68 2.07 0.00	34.04 2.27 0.00	33.36 1.75 0.00	31.81 1.92 -0.32	32.19 2.25 -0.01	36.72 2.71 -0.76	39.42 2.25 0.00	40.03 2.11 0.00	44.86 2.50 0.00	40.79 2.24 0.00	34.32 2.16 0.00	30.74 1.85 0.00

LISF___SOLAR 323691	28.24 1.67 -2.36	24.37 1.12 -4.73	19.56 1.14 0.00	20.54 1.17 0.00	22.88 1.19 -2.89	23.99 1.43 0.00	31.82 1.81 0.00	28.61 1.49 0.00	27.41 1.54 0.00	23.76 1.59 0.00	26.53 1.79 0.00	29.40 1.84 0.00	33.69 2.08 0.00	34.05 2.28 0.00	33.35 1.74 0.00	31.81 1.93 -0.32	32.21 2.28 -0.01	36.75 2.74 -0.76	39.48 2.32 0.00	40.10 2.18 0.00	44.95 2.58 0.00	40.87 2.32 0.00	34.38 2.22 0.00	30.80 1.90 0.00
LITTLE FALLS___HYD 24013	25.38 1.17 0.00	19.30 0.78 0.00	19.19 0.77 0.00	20.17 0.79 0.00	19.55 0.75 0.00	23.38 0.82 0.00	31.00 0.99 0.00	27.77 0.65 0.00	26.01 0.14 0.00	22.18 0.01 0.00	25.04 0.30 0.00	27.87 0.30 0.00	31.82 0.21 0.00	31.73 -0.03 0.00	31.50 -0.12 0.00	29.39 -0.18 0.00	29.79 -0.14 0.00	33.53 0.28 0.00	38.17 1.00 0.00	39.61 1.68 0.00	44.73 2.37 0.00	40.83 2.28 0.00	33.99 1.83 0.00	30.35 1.46 0.00
LITTLRIV_115KV_TB1 356100	24.31 0.10 0.00	18.68 0.15 0.00	18.55 0.13 0.00	19.51 0.14 0.00	18.94 0.14 0.00	22.65 0.09 0.00	30.18 0.17 0.00	26.93 -0.19 0.00	25.57 -0.30 0.00	21.81 -0.35 0.00	24.26 -0.48 0.00	26.70 -0.87 0.00	30.49 -1.11 0.00	30.62 -1.14 0.00	30.49 -1.12 0.00	28.54 -1.02 0.00	28.88 -1.05 0.00	32.20 -1.05 0.00	36.16 -1.00 0.00	37.31 -0.61 0.00	42.45 0.09 0.00	38.72 0.17 0.00	32.28 0.13 0.00	29.16 0.27 0.00
LI_NEWBRDGE___DRP 323616	25.37 1.16 0.00	19.25 0.73 0.00	19.17 0.75 0.00	20.12 0.75 0.00	19.55 0.76 0.00	23.50 0.94 0.00	31.24 1.22 0.00	28.32 1.19 0.00	27.08 1.20 0.00	23.42 1.26 0.00	26.25 1.51 0.00	29.20 1.64 0.00	33.45 1.85 0.00	33.76 1.99 0.00	33.43 1.82 0.00	31.76 1.90 -0.30	32.05 2.11 -0.01	36.21 2.25 -0.72	39.15 1.99 0.00	39.68 1.76 0.00	44.27 1.91 0.00	40.35 1.80 0.00	33.76 1.60 0.00	30.17 1.28 0.00
LOCKPORT_115KV_TB60_63_64 80432	21.37 -2.84 0.00	16.60 -1.92 0.00	16.44 -1.98 0.00	17.35 -2.03 0.00	16.86 -1.94 0.00	20.26 -2.30 0.00	26.94 -3.08 0.00	24.04 -3.08 0.00	23.30 -2.57 0.00	19.94 -2.23 0.00	22.09 -2.58 0.07	24.61 -2.93 0.03	27.96 -3.13 0.52	25.44 -3.04 3.28	20.33 -3.01 8.28	23.51 -2.97 3.08	18.21 -2.90 8.82	20.43 -3.21 9.60	22.45 -3.97 10.74	27.35 -4.12 6.46	35.17 -4.68 2.51	25.54 -3.84 9.17	25.70 -3.02 3.43	25.85 -2.68 0.37
LOCKPORT___CC1 323769	21.39 -2.83 0.00	16.61 -1.91 0.00	16.45 -1.97 0.00	17.36 -2.02 0.00	16.86 -1.93 0.00	20.28 -2.29 0.00	26.92 -3.10 0.00	24.09 -3.04 0.00	23.34 -2.53 0.00	19.97 -2.19 0.00	22.12 -2.54 0.08	24.66 -2.88 0.03	27.97 -3.09 0.55	25.27 -3.01 3.48	19.87 -2.96 8.79	23.35 -2.94 3.27	17.71 -2.86 9.36	19.92 -3.14 10.19	21.86 -3.90 11.40	26.99 -4.08 6.85	35.03 -4.66 2.67	25.00 -3.81 9.74	25.44 -3.07 3.65	25.83 -2.68 0.39
LOCKPORT___CC2 323770	21.39 -2.83 0.00	16.61 -1.91 0.00	16.45 -1.97 0.00	17.36 -2.02 0.00	16.86 -1.93 0.00	20.28 -2.29 0.00	26.92 -3.10 0.00	24.09 -3.04 0.00	23.34 -2.53 0.00	19.97 -2.19 0.00	22.12 -2.54 0.08	24.66 -2.88 0.03	27.97 -3.09 0.55	25.27 -3.01 3.48	19.87 -2.96 8.79	23.35 -2.94 3.27	17.71 -2.86 9.36	19.92 -3.14 10.19	21.86 -3.90 11.40	26.99 -4.08 6.85	35.03 -4.66 2.67	25.00 -3.81 9.74	25.44 -3.07 3.65	25.83 -2.68 0.39
LOCKPORT___CC3 323771	21.39 -2.83 0.00	16.61 -1.91 0.00	16.45 -1.97 0.00	17.36 -2.02 0.00	16.86 -1.93 0.00	20.28 -2.29 0.00	26.92 -3.10 0.00	24.09 -3.04 0.00	23.34 -2.53 0.00	19.97 -2.19 0.00	22.12 -2.54 0.08	24.66 -2.88 0.03	27.97 -3.09 0.55	25.27 -3.01 3.48	19.87 -2.96 8.79	23.35 -2.94 3.27	17.71 -2.86 9.36	19.92 -3.14 10.19	21.86 -3.90 11.40	26.99 -4.08 6.85	35.03 -4.66 2.67	25.00 -3.81 9.74	25.44 -3.07 3.65	25.83 -2.68 0.39
LOCUSVLY_69_KV_BK2 55797	25.53 1.32 0.00	19.37 0.85 0.00	19.28 0.86 0.00	20.24 0.87 0.00	19.66 0.87 0.00	23.64 1.08 0.00	31.44 1.42 0.00	28.53 1.40 0.00	27.26 1.39 0.00	23.59 1.42 0.00	26.46 1.72 0.00	29.45 1.89 0.00	33.75 2.14 0.00	34.05 2.28 0.00	33.76 2.15 0.00	32.27 2.24 -0.46	32.36 2.42 -0.01	36.89 2.54 -1.10	39.52 2.36 0.00	40.04 2.12 0.00	44.61 2.24 0.00	40.62 2.07 0.00	33.96 1.80 0.00	30.37 1.48 0.00
LONG_LAKE_PHOENIX 24014	23.33 -0.88 0.00	17.87 -0.65 0.00	17.76 -0.66 0.00	18.69 -0.69 0.00	18.13 -0.66 0.00	21.79 -0.77 0.00	29.01 -1.00 0.00	26.19 -0.94 0.00	24.96 -0.91 0.00	21.35 -0.82 0.00	23.82 -0.93 0.00	26.54 -1.02 0.00	30.47 -1.13 0.00	30.62 -1.15 0.00	30.47 -1.15 0.00	28.45 -1.11 0.00	28.78 -1.15 0.00	31.92 -1.33 0.00	35.65 -1.51 0.00	36.48 -1.44 0.00	40.80 -1.56 0.00	37.19 -1.36 0.00	31.02 -1.13 0.00	27.89 -1.00 0.00
LOVETT___3 23632	24.99 0.78 0.00	18.99 0.47 0.00	18.86 0.44 0.00	19.82 0.45 0.00	19.25 0.45 0.00	23.16 0.60 0.00	30.79 0.78 0.00	28.00 0.88 0.00	26.79 0.92 0.00	23.07 0.91 0.00	25.89 1.15 0.00	28.85 1.29 0.00	33.12 1.52 0.00	33.39 1.62 0.00	33.23 1.62 0.00	31.19 1.63 0.00	31.71 1.78 0.00	35.10 1.85 0.00	39.02 1.86 0.00	39.49 1.57 0.00	43.92 1.55 0.00	39.92 1.36 0.00	33.31 1.15 0.00	29.78 0.88 0.00
LOVETT___4 23642	24.99 0.78 0.00	18.99 0.47 0.00	18.86 0.44 0.00	19.82 0.45 0.00	19.25 0.45 0.00	23.16 0.60 0.00	30.79 0.78 0.00	28.00 0.88 0.00	26.79 0.92 0.00	23.07 0.91 0.00	25.89 1.15 0.00	28.85 1.29 0.00	33.12 1.52 0.00	33.39 1.62 0.00	33.23 1.62 0.00	31.19 1.63 0.00	31.71 1.78 0.00	35.10 1.85 0.00	39.02 1.86 0.00	39.49 1.57 0.00	43.92 1.55 0.00	39.92 1.36 0.00	33.31 1.15 0.00	29.78 0.88 0.00
LOVETT___5 23593	24.99 0.78 0.00	18.99 0.47 0.00	18.86 0.44 0.00	19.82 0.45 0.00	19.25 0.45 0.00	23.16 0.60 0.00	30.79 0.78 0.00	28.00 0.88 0.00	26.79 0.92 0.00	23.07 0.91 0.00	25.89 1.15 0.00	28.85 1.29 0.00	33.12 1.52 0.00	33.39 1.62 0.00	33.23 1.62 0.00	31.19 1.63 0.00	31.71 1.78 0.00	35.10 1.85 0.00	39.02 1.86 0.00	39.49 1.57 0.00	43.92 1.55 0.00	39.92 1.36 0.00	33.31 1.15 0.00	29.78 0.88 0.00
LOWER RAQUET___HYD 24057	23.99 -0.22 0.00	18.40 -0.12 0.00	18.29 -0.13 0.00	19.24 -0.13 0.00	18.67 -0.12 0.00	22.31 -0.25 0.00	29.75 -0.27 0.00	26.67 -0.46 0.00	25.31 -0.56 0.00	21.60 -0.57 0.00	23.98 -0.76 0.00	26.35 -1.21 0.00	30.09 -1.52 0.00	30.22 -1.54 0.00	30.09 -1.52 0.00	28.16 -1.41 0.00	28.51 -1.42 0.00	31.79 -1.46 0.00	35.70 -1.46 0.00	36.74 -1.18 0.00	41.74 -0.63 0.00	38.00 -0.55 0.00	31.73 -0.43 0.00	28.72 -0.17 0.00
LOWER___HUDSON 24059	25.01 0.80 0.00	19.10 0.57 0.00	19.00 0.57 0.00	19.97 0.60 0.00	19.37 0.58 0.00	23.24 0.68 0.00	30.85 0.83 0.00	27.90 0.77 0.00	26.57 0.69 0.00	22.79 0.62 0.00	25.53 0.79 0.00	28.42 0.86 0.00	32.53 0.92 0.00	32.66 0.89 0.00	32.53 0.91 0.00	30.42 0.86 0.00	30.74 0.81 0.00	34.24 0.99 0.00	38.44 1.28 0.00	39.20 1.28 0.00	43.78 1.42 0.00	39.85 1.30 0.00	33.23 1.08 0.00	29.83 0.93 0.00

LOWVILLE_115KV_TB2 356335	24.30 0.09 0.00	18.58 0.05 0.00	18.48 0.05 0.00	19.40 0.02 0.00	18.83 0.03 0.00	22.56 0.00 0.00	30.17 0.16 0.00	26.95 -0.18 0.00	25.46 -0.41 0.00	21.72 -0.45 0.00	24.11 -0.63 0.00	26.72 -0.84 0.00	30.53 -1.08 0.00	30.65 -1.12 0.00	30.55 -1.06 0.00	28.59 -0.97 0.00	29.03 -0.90 0.00	32.40 -0.85 0.00	36.46 -0.70 0.00	37.58 -0.34 0.00	42.41 0.04 0.00	38.58 0.03 0.00	32.37 0.21 0.00	29.16 0.27 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	25.14 0.92 0.00	19.19 0.66 0.00	19.08 0.66 0.00	20.07 0.69 0.00	19.47 0.68 0.00	23.39 0.83 0.00	31.08 1.07 0.00	28.07 0.95 0.00	26.69 0.82 0.00	22.86 0.69 0.00	25.58 0.84 0.00	28.45 0.89 0.00	32.60 0.99 0.00	32.72 0.95 0.00	32.53 0.91 0.00	30.46 0.90 0.00	30.83 0.90 0.00	34.39 1.14 0.00	38.69 1.53 0.00	39.56 1.63 0.00	44.17 1.81 0.00	40.19 1.64 0.00	33.47 1.31 0.00	30.00 1.11 0.00
LUTHERNY_35_KV_BK2 355980	25.15 0.94 0.00	19.19 0.67 0.00	19.08 0.66 0.00	20.06 0.69 0.00	19.47 0.68 0.00	23.40 0.84 0.00	31.09 1.07 0.00	28.07 0.95 0.00	26.71 0.84 0.00	22.86 0.70 0.00	25.58 0.84 0.00	28.46 0.89 0.00	32.61 1.00 0.00	32.73 0.96 0.00	32.53 0.91 0.00	30.49 0.92 0.00	30.84 0.91 0.00	34.41 1.17 0.00	38.73 1.56 0.00	39.61 1.69 0.00	44.22 1.85 0.00	40.22 1.67 0.00	33.48 1.32 0.00	30.00 1.11 0.00
LWR__OSWEGATCHIE_HYD 23850	23.98 -0.24 0.00	18.36 -0.16 0.00	18.25 -0.18 0.00	19.17 -0.20 0.00	18.60 -0.19 0.00	22.27 -0.29 0.00	29.74 -0.27 0.00	26.60 -0.53 0.00	25.17 -0.70 0.00	21.48 -0.68 0.00	23.85 -0.89 0.00	26.30 -1.27 0.00	30.03 -1.58 0.00	30.15 -1.62 0.00	30.05 -1.57 0.00	28.08 -1.48 0.00	28.49 -1.44 0.00	31.76 -1.49 0.00	35.70 -1.46 0.00	36.79 -1.13 0.00	41.70 -0.66 0.00	37.99 -0.55 0.00	31.83 -0.33 0.00	28.74 -0.15 0.00
LYONS_FALL_HYD 23570	24.40 0.19 0.00	18.65 0.13 0.00	18.55 0.13 0.00	19.49 0.11 0.00	18.91 0.11 0.00	22.69 0.12 0.00	30.28 0.27 0.00	27.13 0.01 0.00	25.69 -0.18 0.00	21.93 -0.24 0.00	24.41 -0.33 0.00	27.12 -0.45 0.00	31.01 -0.59 0.00	31.15 -0.61 0.00	31.05 -0.56 0.00	29.05 -0.52 0.00	29.47 -0.46 0.00	32.89 -0.35 0.00	36.97 -0.19 0.00	38.01 0.09 0.00	42.72 0.36 0.00	38.87 0.32 0.00	32.52 0.37 0.00	29.22 0.33 0.00
MADISON__COUNTY_LFGE 323628	24.54 0.33 0.00	18.77 0.24 0.00	18.67 0.25 0.00	19.63 0.26 0.00	19.04 0.25 0.00	22.90 0.34 0.00	30.49 0.48 0.00	27.36 0.23 0.00	25.95 0.08 0.00	22.16 0.00 0.00	24.77 0.03 0.00	27.60 0.04 0.00	31.68 0.07 0.00	31.82 0.06 0.00	31.69 0.07 0.00	29.63 0.06 0.00	30.00 0.07 0.00	33.50 0.25 0.00	37.59 0.42 0.00	38.56 0.64 0.00	43.23 0.87 0.00	39.35 0.80 0.00	32.79 0.63 0.00	29.38 0.48 0.00
MALONE__115KV_TB1 356076	24.35 0.13 0.00	18.66 0.13 0.00	18.55 0.13 0.00	19.55 0.17 0.00	18.97 0.17 0.00	22.73 0.17 0.00	30.34 0.32 0.00	27.31 0.18 0.00	26.02 0.15 0.00	22.20 0.03 0.00	24.64 -0.10 0.00	27.33 -0.23 0.00	31.29 -0.32 0.00	31.44 -0.33 0.00	31.31 -0.31 0.00	29.28 -0.28 0.00	29.65 -0.28 0.00	33.06 -0.18 0.00	37.09 -0.08 0.00	38.06 0.14 0.00	42.83 0.46 0.00	38.97 0.42 0.00	32.43 0.28 0.00	29.14 0.24 0.00
MAPLEWOD_115KV_TB3 80458	24.98 0.76 0.00	19.08 0.55 0.00	18.98 0.56 0.00	19.95 0.58 0.00	19.36 0.56 0.00	23.19 0.63 0.00	30.72 0.71 0.00	27.80 0.68 0.00	26.47 0.60 0.00	22.72 0.55 0.00	25.46 0.72 0.00	28.35 0.78 0.00	32.46 0.85 0.00	32.59 0.82 0.00	32.48 0.86 0.00	30.35 0.78 0.00	30.71 0.78 0.00	34.18 0.94 0.00	38.33 1.17 0.00	39.09 1.17 0.00	43.63 1.27 0.00	39.69 1.14 0.00	33.13 0.98 0.00	29.78 0.88 0.00
MAPLE_RIDGE_WT_1 323574	24.17 -0.04 0.00	18.51 -0.02 0.00	18.40 -0.02 0.00	19.34 -0.04 0.00	18.75 -0.05 0.00	22.48 -0.08 0.00	29.98 -0.04 0.00	27.10 -0.02 0.00	25.86 -0.02 0.00	22.14 -0.03 0.00	24.65 -0.09 0.00	27.46 -0.10 0.00	31.49 -0.12 0.00	31.64 -0.13 0.00	31.49 -0.12 0.00	29.45 -0.12 0.00	29.82 -0.11 0.00	33.16 -0.09 0.00	37.07 -0.09 0.00	37.86 -0.06 0.00	42.28 -0.09 0.00	38.44 -0.11 0.00	32.07 -0.09 0.00	28.86 -0.04 0.00
MAPLE_RIDGE_WT_2 323611	24.17 -0.04 0.00	18.51 -0.02 0.00	18.40 -0.02 0.00	19.34 -0.04 0.00	18.75 -0.05 0.00	22.48 -0.08 0.00	29.98 -0.04 0.00	27.10 -0.02 0.00	25.86 -0.02 0.00	22.14 -0.03 0.00	24.65 -0.09 0.00	27.46 -0.10 0.00	31.49 -0.12 0.00	31.64 -0.13 0.00	31.49 -0.12 0.00	29.45 -0.12 0.00	29.82 -0.11 0.00	33.16 -0.09 0.00	37.07 -0.09 0.00	37.86 -0.06 0.00	42.28 -0.09 0.00	38.44 -0.11 0.00	32.07 -0.09 0.00	28.86 -0.04 0.00
MARBLE_RIVER_WT_PWR 323696	24.30 0.08 0.00	18.62 0.09 0.00	18.52 0.10 0.00	19.52 0.14 0.00	18.94 0.15 0.00	22.70 0.14 0.00	30.25 0.24 0.00	27.33 0.21 0.00	26.07 0.20 0.00	22.29 0.12 0.00	24.77 0.03 0.00	27.56 0.00 0.00	31.57 -0.04 0.00	31.74 -0.03 0.00	31.62 0.01 0.00	29.60 0.04 0.00	29.97 0.04 0.00	33.37 0.13 0.00	37.35 0.19 0.00	38.19 0.27 0.00	42.75 0.39 0.00	38.88 0.33 0.00	32.35 0.20 0.00	29.03 0.14 0.00
MARSHVLE_115KV_TB1 80742	24.89 0.68 0.00	19.08 0.55 0.00	18.98 0.56 0.00	19.97 0.60 0.00	19.32 0.53 0.00	23.24 0.67 0.00	30.97 0.95 0.00	27.64 0.51 0.00	26.14 0.27 0.00	22.29 0.13 0.00	24.98 0.24 0.00	27.77 0.21 0.00	31.78 0.18 0.00	31.90 0.13 0.00	31.62 0.01 0.00	29.58 0.01 0.00	29.99 0.06 0.00	33.37 0.12 0.00	37.60 0.44 0.00	38.97 1.05 0.00	43.94 1.57 0.00	40.12 1.57 0.00	33.40 1.24 0.00	29.90 1.01 0.00
MARSH_HILL_WT_PWR 323713	22.62 -1.59 0.00	17.56 -0.96 0.00	17.45 -0.97 0.00	18.47 -0.91 0.00	17.95 -0.84 0.00	21.67 -0.89 0.00	28.76 -1.25 0.00	25.39 -1.73 0.00	24.25 -1.62 0.00	20.86 -1.31 0.00	23.33 -1.69 -0.27	25.73 -1.94 -0.10	31.55 -1.96 -1.90	41.93 -2.00 -12.17	60.42 -1.96 -30.76	39.45 -1.82 -11.71	60.99 -1.67 -32.72	67.28 -1.60 -35.64	75.33 -1.70 -39.86	60.51 -1.39 -23.97	50.45 -1.25 -9.33	71.21 -1.39 -34.06	43.33 -1.57 -12.74	28.64 -1.61 -1.36
MCINTYRE_115KV_TB2 80467	24.60 0.39 0.00	18.91 0.39 0.00	18.77 0.35 0.00	19.75 0.38 0.00	19.16 0.37 0.00	22.96 0.39 0.00	30.57 0.55 0.00	27.21 0.08 0.00	25.86 -0.01 0.00	22.07 -0.10 0.00	24.53 -0.21 0.00	27.09 -0.47 0.00	30.97 -0.63 0.00	31.12 -0.65 0.00	30.98 -0.64 0.00	29.01 -0.56 0.00	29.33 -0.60 0.00	32.70 -0.54 0.00	36.71 -0.46 0.00	37.91 -0.02 0.00	43.14 0.78 0.00	39.37 0.82 0.00	32.80 0.64 0.00	29.56 0.66 0.00
MECO____69_KV_BK1 80468	25.21 1.00 0.00	19.29 0.77 0.00	19.19 0.77 0.00	20.19 0.81 0.00	19.57 0.78 0.00	23.55 0.99 0.00	31.35 1.33 0.00	28.02 0.89 0.00	26.26 0.39 0.00	22.22 0.06 0.00	24.93 0.19 0.00	27.75 0.19 0.00	31.72 0.11 0.00	31.84 0.07 0.00	31.54 -0.08 0.00	29.49 -0.08 0.00	29.93 0.00 0.00	33.40 0.15 0.00	37.89 0.73 0.00	39.44 1.52 0.00	44.59 2.22 0.00	40.66 2.11 0.00	33.80 1.64 0.00	30.25 1.35 0.00

MENANDS___115KV_TB5 355628	24.90 0.69 0.00	19.03 0.51 0.00	18.93 0.51 0.00	19.91 0.53 0.00	19.30 0.51 0.00	23.12 0.56 0.00	30.60 0.58 0.00	27.70 0.57 0.00	26.38 0.51 0.00	22.65 0.48 0.00	25.39 0.65 0.00	28.28 0.72 0.00	32.38 0.77 0.00	32.51 0.74 0.00	32.40 0.78 0.00	30.28 0.71 0.00	30.63 0.70 0.00	34.07 0.83 0.00	38.18 1.02 0.00	38.90 0.98 0.00	43.40 1.04 0.00	39.48 0.93 0.00	32.98 0.82 0.00	29.68 0.78 0.00
MG INDUSTRY___DRP 24185	24.86 0.65 0.00	19.01 0.49 0.00	18.92 0.50 0.00	19.90 0.52 0.00	19.30 0.51 0.00	23.13 0.57 0.00	30.60 0.59 0.00	27.60 0.48 0.00	26.22 0.34 0.00	22.51 0.34 0.00	25.22 0.48 0.00	28.09 0.52 0.00	32.16 0.55 0.00	32.30 0.53 0.00	32.20 0.59 0.00	30.04 0.48 0.00	30.47 0.54 0.00	33.87 0.62 0.00	37.97 0.81 0.00	38.78 0.86 0.00	43.32 0.96 0.00	39.42 0.87 0.00	32.92 0.76 0.00	29.62 0.72 0.00
MID___OSWEGATCHIE_HYD 23849	23.98 -0.24 0.00	18.36 -0.16 0.00	18.25 -0.18 0.00	19.17 -0.20 0.00	18.60 -0.19 0.00	22.27 -0.29 0.00	29.74 -0.27 0.00	26.60 -0.53 0.00	25.17 -0.70 0.00	21.48 -0.68 0.00	23.85 -0.89 0.00	26.30 -1.27 0.00	30.03 -1.58 0.00	30.15 -1.62 0.00	30.05 -1.57 0.00	28.08 -1.48 0.00	28.49 -1.44 0.00	31.76 -1.49 0.00	35.70 -1.46 0.00	36.79 -1.13 0.00	41.70 -0.66 0.00	37.99 -0.55 0.00	31.83 -0.33 0.00	28.74 -0.15 0.00
MID___RAQUETTE_HYD 23851	23.99 -0.22 0.00	18.40 -0.12 0.00	18.29 -0.13 0.00	19.24 -0.13 0.00	18.67 -0.12 0.00	22.31 -0.25 0.00	29.75 -0.27 0.00	26.67 -0.46 0.00	25.31 -0.56 0.00	21.60 -0.57 0.00	23.98 -0.76 0.00	26.35 -1.21 0.00	30.09 -1.52 0.00	30.22 -1.54 0.00	30.09 -1.52 0.00	28.16 -1.41 0.00	28.52 -1.42 0.00	31.79 -1.45 0.00	35.70 -1.46 0.00	36.75 -1.18 0.00	41.73 -0.63 0.00	38.01 -0.54 0.00	31.73 -0.43 0.00	28.72 -0.17 0.00
MILLIKEN___1 23584	24.15 -0.06 0.00	18.51 -0.01 0.00	18.39 -0.03 0.00	19.38 0.01 0.00	18.82 0.03 0.00	22.63 0.07 0.00	30.07 0.05 0.00	27.07 -0.05 0.00	25.64 -0.24 0.00	21.88 -0.29 0.00	24.40 -0.37 -0.03	27.19 -0.38 -0.01	31.46 -0.34 -0.19	32.65 -0.33 -1.22	34.41 -0.29 -3.08	30.39 -0.34 -1.16	32.96 -0.24 -3.28	36.56 -0.25 -3.57	41.03 -0.12 -3.99	40.44 0.12 -2.40	43.63 0.34 -0.93	42.30 0.34 -3.41	33.62 0.18 -1.28	29.15 0.13 -0.14
MILLIKEN___2 23585	24.15 -0.06 0.00	18.51 -0.01 0.00	18.39 -0.03 0.00	19.38 0.01 0.00	18.82 0.03 0.00	22.63 0.07 0.00	30.07 0.05 0.00	27.07 -0.05 0.00	25.64 -0.24 0.00	21.88 -0.29 0.00	24.40 -0.37 -0.03	27.19 -0.38 -0.01	31.46 -0.34 -0.19	32.65 -0.33 -1.22	34.41 -0.29 -3.08	30.39 -0.34 -1.16	32.96 -0.24 -3.28	36.56 -0.25 -3.57	41.03 -0.12 -3.99	40.44 0.12 -2.40	43.63 0.34 -0.93	42.30 0.34 -3.41	33.62 0.18 -1.28	29.15 0.13 -0.14
MILLIKEN___DIESEL 23629	24.15 -0.06 0.00	18.51 -0.01 0.00	18.39 -0.03 0.00	19.38 0.01 0.00	18.82 0.03 0.00	22.63 0.07 0.00	30.07 0.05 0.00	27.07 -0.05 0.00	25.64 -0.24 0.00	21.88 -0.29 0.00	24.40 -0.37 -0.03	27.19 -0.38 -0.01	31.46 -0.34 -0.19	32.65 -0.33 -1.22	34.41 -0.29 -3.08	30.39 -0.34 -1.16	32.96 -0.24 -3.28	36.56 -0.25 -3.57	41.03 -0.12 -3.99	40.44 0.12 -2.40	43.63 0.34 -0.93	42.30 0.34 -3.41	33.62 0.18 -1.28	29.15 0.13 -0.14
MILLSEAT___LFGE 323607	21.94 -2.28 0.00	16.99 -1.53 0.00	16.84 -1.59 0.00	17.75 -1.62 0.00	17.26 -1.54 0.00	20.77 -1.79 0.00	27.62 -2.39 0.00	24.64 -2.49 0.00	23.68 -2.19 0.00	20.21 -1.95 0.00	22.38 -2.30 0.06	24.95 -2.59 0.02	28.39 -2.78 0.44	26.23 -2.73 2.80	21.87 -2.67 7.07	24.27 -2.67 2.63	19.81 -2.60 7.53	22.25 -2.79 8.20	24.59 -3.40 9.17	29.12 -3.29 5.51	36.66 -3.55 2.15	27.91 -2.80 7.84	26.94 -2.29 2.93	26.53 -2.05 0.31
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.08 0.86 0.00	19.05 0.53 0.00	18.93 0.51 0.00	19.89 0.52 0.00	19.31 0.52 0.00	23.23 0.67 0.00	30.89 0.88 0.00	28.10 0.97 0.00	26.89 1.01 0.00	23.15 0.98 0.00	25.99 1.25 0.00	28.96 1.39 0.00	33.22 1.61 0.00	33.48 1.71 0.00	33.31 1.70 0.00	31.29 1.72 0.00	31.80 1.87 0.00	35.21 1.96 0.00	39.12 1.96 0.00	39.59 1.67 0.00	44.04 1.68 0.00	40.03 1.48 0.00	33.41 1.26 0.00	29.87 0.97 0.00
MILLWOOD_13_KV_LOAD 356217	25.11 0.90 0.00	19.08 0.56 0.00	18.96 0.54 0.00	19.92 0.54 0.00	19.34 0.55 0.00	23.27 0.71 0.00	30.94 0.92 0.00	28.14 1.02 0.00	26.93 1.06 0.00	23.19 1.02 0.00	26.03 1.29 0.00	29.00 1.43 0.00	33.28 1.67 0.00	33.52 1.75 0.00	33.37 1.75 0.00	31.34 1.77 0.00	31.86 1.93 0.00	35.27 2.03 0.00	39.20 2.04 0.00	39.67 1.75 0.00	44.13 1.77 0.00	40.11 1.56 0.00	33.47 1.31 0.00	29.91 1.02 0.00
MODEL_CITY_ENERGY 24167	21.14 -3.07 0.00	16.43 -2.09 0.00	16.27 -2.15 0.00	17.17 -2.20 0.00	16.68 -2.12 0.00	20.05 -2.52 0.00	26.60 -3.42 0.00	23.79 -3.34 0.00	23.07 -2.80 0.00	19.75 -2.42 0.00	21.90 -2.76 0.08	24.39 -3.15 0.03	27.69 -3.38 0.54	25.12 -3.22 3.42	19.85 -3.12 8.65	23.19 -3.16 3.22	17.71 -3.02 9.20	19.86 -3.37 10.02	21.72 -4.23 11.21	26.72 -4.46 6.74	34.55 -5.19 2.62	24.79 -4.19 9.57	25.28 -3.30 3.58	25.58 -2.93 0.38
MODERN_LFGE___ 323580	21.14 -3.07 0.00	16.43 -2.09 0.00	16.27 -2.15 0.00	17.17 -2.20 0.00	16.68 -2.12 0.00	20.05 -2.52 0.00	26.60 -3.42 0.00	23.79 -3.34 0.00	23.07 -2.80 0.00	19.75 -2.42 0.00	21.90 -2.76 0.08	24.39 -3.15 0.03	27.69 -3.38 0.54	25.12 -3.22 3.42	19.85 -3.12 8.65	23.19 -3.16 3.22	17.71 -3.02 9.20	19.86 -3.37 10.02	21.72 -4.23 11.21	26.72 -4.46 6.74	34.55 -5.19 2.62	24.79 -4.19 9.57	25.28 -3.30 3.58	25.58 -2.93 0.38
MOHAWK_PAPER___DRP 24187	24.98 0.76 0.00	19.08 0.55 0.00	18.98 0.56 0.00	19.95 0.58 0.00	19.36 0.56 0.00	23.19 0.63 0.00	30.72 0.71 0.00	27.80 0.68 0.00	26.47 0.60 0.00	22.72 0.55 0.00	25.46 0.72 0.00	28.35 0.78 0.00	32.46 0.85 0.00	32.59 0.82 0.00	32.48 0.86 0.00	30.35 0.78 0.00	30.71 0.78 0.00	34.18 0.94 0.00	38.33 1.17 0.00	39.09 1.17 0.00	43.63 1.27 0.00	39.69 1.14 0.00	33.13 0.98 0.00	29.78 0.88 0.00
MOHICAN___35_KV_115KV_LD 80490	25.15 0.94 0.00	19.17 0.65 0.00	19.04 0.62 0.00	20.05 0.67 0.00	19.47 0.67 0.00	23.43 0.86 0.00	31.13 1.12 0.00	28.14 1.02 0.00	26.75 0.88 0.00	22.87 0.70 0.00	25.56 0.82 0.00	28.37 0.81 0.00	32.48 0.88 0.00	32.60 0.83 0.00	32.40 0.79 0.00	30.39 0.82 0.00	30.75 0.82 0.00	34.34 1.10 0.00	38.76 1.59 0.00	39.65 1.73 0.00	44.27 1.91 0.00	40.29 1.74 0.00	33.53 1.37 0.00	30.01 1.11 0.00
MONGAUP___HYD 23641	25.06 0.84 0.00	19.08 0.55 0.00	18.96 0.54 0.00	19.92 0.54 0.00	19.30 0.51 0.00	23.20 0.64 0.00	30.86 0.85 0.00	27.89 0.76 0.00	26.53 0.66 0.00	22.79 0.62 0.00	25.52 0.78 0.00	28.43 0.87 0.00	32.64 1.03 0.00	32.88 1.11 0.00	32.72 1.10 0.00	30.70 1.13 0.00	31.20 1.27 0.00	34.59 1.34 0.00	38.33 1.17 0.00	39.11 1.19 0.00	43.79 1.42 0.00	39.83 1.28 0.00	33.37 1.21 0.00	29.91 1.02 0.00

MONTAUK___DIESEL 23721	28.93 2.35 -2.37	24.90 1.62 -4.76	20.00 1.58 0.00	21.07 1.70 0.00	23.44 1.74 -2.91	24.66 2.10 0.00	32.73 2.72 0.00	29.25 2.12 0.00	27.70 1.83 0.00	23.98 1.82 0.00	26.67 1.93 0.00	29.18 1.62 0.00	33.50 1.90 0.00	34.19 2.42 0.00	33.27 1.65 0.00	31.77 1.88 -0.32	32.18 2.25 -0.01	37.17 3.16 -0.76	40.08 2.92 0.00	40.69 2.77 0.00	45.89 3.53 0.00	41.86 3.31 0.00	35.26 3.10 0.00	31.56 2.66 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.09 -2.12 0.00	17.21 -1.31 0.00	16.99 -1.44 0.00	18.06 -1.32 0.00	17.57 -1.22 0.00	21.16 -1.40 0.00	28.21 -1.81 0.00	25.00 -2.13 0.00	24.24 -1.64 0.00	20.76 -1.40 0.00	22.91 -1.75 0.08	25.60 -1.93 0.03	29.00 -2.05 0.56	25.97 -2.23 3.58	20.24 -2.36 9.03	23.93 -2.30 3.34	17.90 -2.42 9.61	20.24 -2.54 10.46	22.22 -3.24 11.70	27.78 -3.10 7.04	36.20 -3.43 2.74	25.40 -3.15 10.00	25.69 -2.73 3.74	26.12 -2.38 0.40
MORRIS_RIDGE___SOLAR 323848	22.41 -1.79 0.00	17.39 -1.14 0.00	17.27 -1.15 0.00	18.25 -1.12 0.00	17.71 -1.08 0.00	21.33 -1.23 0.00	28.28 -1.74 0.00	24.98 -2.14 0.00	23.89 -1.99 0.00	20.49 -1.68 0.00	22.32 -2.03 0.40	25.14 -2.28 0.14	26.44 -2.39 2.78	11.64 -2.43 17.70	-15.51 -2.40 44.73	10.31 -2.32 16.93	-19.84 -2.18 47.59	-20.81 -2.23 51.82	-23.22 -2.42 57.97	0.92 -2.14 34.86	26.68 -2.12 13.56	-12.98 -2.00 49.53	11.73 -1.89 18.53	25.15 -1.76 1.98
MORTIMER_115KV_TB3 55949	22.63 -1.58 0.00	17.43 -1.09 0.00	17.28 -1.14 0.00	18.21 -1.17 0.00	17.68 -1.11 0.00	21.29 -1.27 0.00	28.37 -1.65 0.00	25.50 -1.63 0.00	24.51 -1.36 0.00	20.96 -1.21 0.00	23.29 -1.44 0.02	25.94 -1.62 0.01	29.76 -1.72 0.13	29.16 -1.79 0.82	27.72 -1.83 2.07	27.09 -1.72 0.75	25.97 -1.76 2.20	28.98 -1.86 2.40	32.28 -2.19 2.68	34.14 -2.17 1.61	39.34 -2.39 0.63	34.16 -2.10 2.29	29.50 -1.80 0.86	27.29 -1.52 0.09
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.20 0.98 0.00	19.12 0.59 0.00	18.99 0.57 0.00	19.96 0.58 0.00	19.38 0.59 0.00	23.32 0.76 0.00	30.98 0.96 0.00	28.21 1.08 0.00	27.02 1.15 0.00	23.29 1.12 0.00	26.16 1.42 0.00	29.14 1.58 0.00	33.40 1.79 0.00	33.67 1.90 0.00	33.49 1.88 0.00	31.49 1.92 0.00	31.99 2.06 0.00	35.38 2.14 0.00	39.27 2.11 0.00	39.68 1.76 0.00	44.13 1.77 0.00	40.11 1.57 0.00	33.49 1.33 0.00	29.94 1.05 0.00
MUNSVILLE_WIND_PWR 323609	25.22 1.01 0.00	19.41 0.88 0.00	19.28 0.85 0.00	20.34 0.97 0.00	19.72 0.93 0.00	23.72 1.16 0.00	31.48 1.46 0.00	28.21 1.08 0.00	26.49 0.61 0.00	22.40 0.23 0.00	24.91 0.15 -0.02	27.93 0.36 -0.01	32.23 0.48 -0.14	33.09 0.40 -0.93	34.53 0.51 -2.40	31.01 0.56 -0.89	33.37 0.88 -2.55	37.20 1.18 -2.78	41.88 1.61 -3.11	42.35 2.56 -1.87	46.38 3.29 -0.73	44.13 2.92 -2.66	35.35 2.20 -0.99	30.75 1.75 -0.11
N SALMON___HYD 24042	24.35 0.14 0.00	18.66 0.13 0.00	18.55 0.13 0.00	19.55 0.17 0.00	18.97 0.17 0.00	22.73 0.17 0.00	30.34 0.32 0.00	27.31 0.18 0.00	26.02 0.15 0.00	22.20 0.03 0.00	24.64 -0.10 0.00	27.33 -0.23 0.00	31.29 -0.32 0.00	31.45 -0.32 0.00	31.31 -0.31 0.00	29.29 -0.28 0.00	29.65 -0.28 0.00	33.06 -0.18 0.00	37.09 -0.08 0.00	38.06 0.14 0.00	42.83 0.47 0.00	38.97 0.42 0.00	32.43 0.28 0.00	29.14 0.24 0.00
N.AKRON__115KV_KNAPP 355671	21.78 -2.43 0.00	16.90 -1.63 0.00	16.73 -1.69 0.00	17.64 -1.73 0.00	17.15 -1.64 0.00	20.64 -1.92 0.00	27.46 -2.56 0.00	24.49 -2.64 0.00	23.62 -2.25 0.00	20.16 -2.00 0.00	22.33 -2.35 0.07	24.93 -2.61 0.03	28.33 -2.81 0.47	26.01 -2.77 2.99	21.32 -2.75 7.55	24.04 -2.71 2.81	19.24 -2.65 8.04	21.60 -2.89 8.75	23.82 -3.55 9.79	28.53 -3.50 5.89	36.22 -3.85 2.29	27.08 -3.11 8.37	26.55 -2.47 3.13	26.36 -2.20 0.33
N.BELMOR_69_KV_BK1 55787	25.54 1.33 0.00	19.37 0.85 0.00	19.28 0.86 0.00	20.23 0.86 0.00	19.66 0.86 0.00	23.62 1.06 0.00	31.42 1.41 0.00	28.49 1.37 0.00	27.24 1.37 0.00	23.54 1.37 0.00	26.40 1.66 0.00	29.36 1.80 0.00	33.62 2.01 0.00	33.97 2.20 0.00	33.65 2.04 0.00	32.12 2.12 -0.44	32.28 2.34 -0.01	36.78 2.49 -1.04	39.45 2.29 0.00	39.99 2.07 0.00	44.60 2.24 0.00	40.63 2.07 0.00	33.98 1.82 0.00	30.36 1.47 0.00
N.E_GEN_SANDY PD 24062	37.78 0.88 -12.69	29.65 0.62 -10.50	26.83 0.62 -7.79	26.61 0.64 -6.60	26.55 0.62 -7.13	29.19 0.74 -5.89	32.85 0.93 -1.91	28.58 0.91 -0.54	28.43 0.88 -1.68	27.79 0.83 -4.80	28.07 1.07 -2.26	30.69 1.18 -1.95	32.89 1.28 0.00	32.99 1.27 0.05	32.98 1.30 -0.06	30.81 1.24 0.00	31.14 1.21 0.00	34.59 1.34 0.00	41.91 1.56 -3.19	54.66 1.41 -15.32	58.71 1.54 -14.81	48.79 1.41 -8.83	51.34 1.19 -17.99	39.30 1.02 -9.39
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.03 0.82 0.00	19.03 0.50 0.00	18.90 0.48 0.00	19.86 0.48 0.00	19.27 0.48 0.00	23.19 0.63 0.00	30.85 0.83 0.00	28.06 0.93 0.00	26.84 0.97 0.00	23.12 0.95 0.00	25.94 1.20 0.00	28.91 1.35 0.00	33.20 1.59 0.00	33.47 1.71 0.00	33.32 1.71 0.00	31.29 1.73 0.00	31.80 1.87 0.00	35.21 1.97 0.00	39.14 1.98 0.00	39.62 1.69 0.00	44.04 1.68 0.00	40.02 1.47 0.00	33.40 1.24 0.00	29.85 0.95 0.00
N.QUEENS_27_KV_LOAD 356247	25.23 1.02 0.00	19.11 0.59 0.01	18.99 0.57 0.01	19.95 0.59 0.01	19.37 0.59 0.01	23.33 0.78 0.01	30.99 0.98 0.00	28.31 1.18 0.00	27.11 1.23 -0.01	23.36 1.18 -0.01	26.23 1.48 -0.01	29.22 1.65 -0.01	33.44 1.83 0.00	33.72 1.95 0.00	33.57 1.96 0.00	31.52 1.96 0.00	32.05 2.11 0.00	35.28 2.04 0.00	39.09 1.93 0.00	39.53 1.61 0.01	43.95 1.60 0.01	39.99 1.44 0.00	33.49 1.33 0.00	29.95 1.06 0.00
N.TROY___115KV_TB1 355778	25.01 0.80 0.00	19.10 0.57 0.00	19.00 0.57 0.00	19.97 0.60 0.00	19.37 0.58 0.00	23.24 0.68 0.00	30.85 0.83 0.00	27.90 0.77 0.00	26.57 0.69 0.00	22.79 0.62 0.00	25.53 0.79 0.00	28.42 0.86 0.00	32.53 0.92 0.00	32.66 0.90 0.00	32.53 0.91 0.00	30.42 0.86 0.00	30.74 0.81 0.00	34.24 1.00 0.00	38.45 1.28 0.00	39.20 1.28 0.00	43.78 1.41 0.00	39.85 1.30 0.00	33.24 1.08 0.00	29.83 0.94 0.00
NARROWS_GT1_1 24228	25.32 1.10 0.00	19.22 0.69 0.00	19.09 0.66 0.00	20.05 0.68 0.00	19.47 0.67 0.00	23.45 0.89 0.00	31.14 1.13 0.00	28.37 1.25 0.00	27.19 1.32 -0.01	23.42 1.25 -0.01	26.33 1.58 -0.01	29.34 1.77 -0.01	33.64 2.03 0.00	33.91 2.14 0.00	33.78 2.16 0.00	31.71 2.15 0.00	32.22 2.29 0.00	35.58 2.34 0.00	39.45 2.29 0.00	39.89 1.97 0.00	44.35 1.99 0.00	40.32 1.77 0.00	33.65 1.49 0.00	30.09 1.19 0.00
NARROWS_GT1_2 24229	25.32 1.10 0.00	19.22 0.69 0.00	19.09 0.66 0.00	20.05 0.68 0.00	19.47 0.67 0.00	23.45 0.89 0.00	31.14 1.13 0.00	28.37 1.25 0.00	27.19 1.32 -0.01	23.42 1.25 -0.01	26.33 1.58 -0.01	29.34 1.77 -0.01	33.64 2.03 0.00	33.91 2.14 0.00	33.78 2.16 0.00	31.71 2.15 0.00	32.22 2.29 0.00	35.58 2.34 0.00	39.45 2.29 0.00	39.89 1.97 0.00	44.35 1.99 0.00	40.32 1.77 0.00	33.65 1.49 0.00	30.09 1.19 0.00

NCHELSEA_115KV_TR2 355582	25.21 1.00 0.00	19.17 0.65 0.00	19.05 0.63 0.00	20.02 0.64 0.00	19.43 0.64 0.00	23.38 0.82 0.00	31.11 1.09 0.00	28.26 1.14 0.00	27.00 1.13 0.00	23.23 1.06 0.00	26.06 1.32 0.00	29.06 1.49 0.00	33.34 1.74 0.00	33.60 1.83 0.00	33.43 1.82 0.00	31.38 1.82 0.00	31.93 2.00 0.00	35.40 2.16 0.00	39.41 2.25 0.00	39.94 2.02 0.00	44.45 2.09 0.00	40.39 1.84 0.00	33.67 1.51 0.00	30.08 1.19 0.00
NEG CAPITAL___MECHNVIL 23645	25.19 0.98 0.00	19.23 0.71 0.00	19.12 0.70 0.00	20.11 0.73 0.00	19.51 0.72 0.00	23.43 0.87 0.00	31.15 1.13 0.00	28.13 1.01 0.00	26.76 0.89 0.00	22.92 0.75 0.00	25.67 0.92 0.00	28.55 0.99 0.00	32.70 1.09 0.00	32.82 1.06 0.00	32.65 1.04 0.00	30.55 0.99 0.00	30.93 1.00 0.00	34.51 1.26 0.00	38.82 1.66 0.00	39.66 1.74 0.00	44.29 1.93 0.00	40.30 1.75 0.00	33.55 1.39 0.00	30.06 1.17 0.00
NEG CENTRAL_HIGH_ACRES 23767	22.51 -1.70 0.00	17.31 -1.21 0.00	17.17 -1.25 0.00	18.10 -1.28 0.00	17.58 -1.21 0.00	21.16 -1.40 0.00	28.18 -1.83 0.00	25.37 -1.76 0.00	24.30 -1.57 0.00	20.76 -1.40 0.00	23.09 -1.64 0.02	25.72 -1.84 0.00	29.50 -1.99 0.11	29.02 -2.03 0.71	27.77 -2.05 1.79	26.96 -1.95 0.65	26.06 -1.96 1.91	29.09 -2.08 2.08	32.46 -2.38 2.32	34.18 -2.34 1.40	39.22 -2.60 0.54	34.25 -2.31 1.99	29.41 -2.00 0.74	27.08 -1.74 0.08
NEG CENTRAL___DRP 24199	23.81 -0.41 0.00	18.28 -0.24 0.00	18.16 -0.26 0.00	19.15 -0.23 0.00	18.60 -0.19 0.00	22.39 -0.17 0.00	29.82 -0.20 0.00	26.80 -0.33 0.00	25.42 -0.45 0.00	21.69 -0.47 0.00	24.16 -0.64 -0.06	26.87 -0.71 -0.02	31.33 -0.69 -0.41	33.69 -0.67 -2.60	37.50 -0.69 -6.58	31.34 -0.72 -2.50	36.29 -0.63 -7.00	40.22 -0.64 -7.62	45.13 -0.55 -8.52	42.82 -0.23 -5.13	44.33 -0.03 -2.00	45.79 -0.04 -7.28	34.70 -0.18 -2.73	28.95 -0.23 -0.29
NEG CENTRAL___INDECK 23768	23.27 -0.95 0.00	17.95 -0.57 0.00	17.82 -0.61 0.00	18.79 -0.58 0.00	18.27 -0.53 0.00	22.05 -0.51 0.00	29.35 -0.66 0.00	25.99 -1.14 0.00	24.70 -1.17 0.00	21.09 -1.08 0.00	23.68 -1.34 -0.27	26.15 -1.51 -0.10	32.01 -1.52 -1.92	42.45 -1.58 -12.26	61.02 -1.59 -30.99	39.83 -1.53 -11.80	61.46 -1.44 -32.97	67.76 -1.39 -35.91	75.77 -1.56 -40.17	60.93 -1.15 -24.16	51.12 -0.64 -9.40	72.33 -0.53 -34.32	44.26 -0.74 -12.84	29.52 -0.75 -1.37
NEG CENTRAL___SENECA 23627	23.80 -0.41 0.00	18.31 -0.21 0.00	18.19 -0.23 0.00	19.18 -0.20 0.00	18.63 -0.16 0.00	22.45 -0.11 0.00	29.91 -0.10 0.00	26.84 -0.29 0.00	25.45 -0.42 0.00	21.68 -0.49 0.00	24.14 -0.70 -0.10	26.81 -0.73 -0.03	31.54 -0.71 -0.66	35.28 -0.74 -4.23	41.56 -0.77 -10.68	32.85 -0.77 -4.06	40.66 -0.63 -11.37	45.03 -0.59 -12.38	50.56 -0.45 -13.85	46.27 0.02 -8.33	45.93 0.33 -3.24	50.61 0.23 -11.83	36.58 0.00 -4.43	29.23 -0.14 -0.47
NEG CENTRAL___STATE_STREET 24147	23.86 -0.36 0.00	18.28 -0.24 0.00	18.16 -0.26 0.00	19.18 -0.20 0.00	18.64 -0.15 0.00	22.42 -0.14 0.00	29.77 -0.25 0.00	26.83 -0.30 0.00	25.44 -0.44 0.00	21.77 -0.39 0.00	24.26 -0.50 -0.02	27.05 -0.52 -0.01	31.23 -0.50 -0.13	32.07 -0.52 -0.82	33.19 -0.50 -2.08	29.83 -0.53 -0.79	31.66 -0.48 -2.21	35.04 -0.61 -2.41	39.33 -0.53 -2.69	39.10 -0.44 -1.62	42.63 -0.37 -0.63	40.64 -0.21 -2.30	32.69 -0.33 -0.86	28.76 -0.23 -0.09
NEG MILLWOOD___DRP 24198	25.24 1.03 0.00	19.19 0.66 0.00	19.06 0.64 0.00	20.03 0.66 0.00	19.45 0.66 0.00	23.40 0.84 0.00	31.14 1.13 0.00	28.32 1.19 0.00	27.10 1.22 0.00	23.31 1.15 0.00	26.15 1.41 0.00	29.14 1.58 0.00	33.43 1.82 0.00	33.69 1.93 0.00	33.52 1.90 0.00	31.46 1.90 0.00	32.00 2.07 0.00	35.48 2.23 0.00	39.46 2.30 0.00	39.98 2.06 0.00	44.47 2.11 0.00	40.42 1.87 0.00	33.69 1.53 0.00	30.10 1.20 0.00
NEG NORTH_FLCN_SEA 23793	24.51 0.30 0.00	18.78 0.25 0.00	18.68 0.25 0.00	19.73 0.36 0.00	19.15 0.36 0.00	22.93 0.36 0.00	30.55 0.53 0.00	27.61 0.49 0.00	26.31 0.44 0.00	22.48 0.31 0.00	24.98 0.24 0.00	27.80 0.24 0.00	31.86 0.24 0.00	32.02 0.25 0.00	31.92 0.31 0.00	29.88 0.32 0.00	30.27 0.34 0.00	33.74 0.49 0.00	37.77 0.61 0.00	38.63 0.70 0.00	43.21 0.85 0.00	39.29 0.74 0.00	32.69 0.53 0.00	29.31 0.42 0.00
NEG NORTH_KES_CHATEGAY 23792	24.31 0.10 0.00	18.63 0.10 0.00	18.53 0.11 0.00	19.53 0.16 0.00	18.95 0.15 0.00	22.71 0.15 0.00	30.27 0.26 0.00	27.33 0.20 0.00	26.08 0.20 0.00	22.29 0.13 0.00	24.77 0.03 0.00	27.56 0.00 0.00	31.56 -0.05 0.00	31.72 -0.04 0.00	31.62 0.01 0.00	29.59 0.03 0.00	29.96 0.03 0.00	33.37 0.12 0.00	37.35 0.19 0.00	38.20 0.28 0.00	42.77 0.40 0.00	38.90 0.35 0.00	32.36 0.20 0.00	29.04 0.14 0.00
NEG NORTH___ALICE_FALLS 23915	24.51 0.29 0.00	18.77 0.25 0.00	18.67 0.25 0.00	19.71 0.34 0.00	19.13 0.34 0.00	22.92 0.36 0.00	30.56 0.55 0.00	27.61 0.48 0.00	26.25 0.37 0.00	22.35 0.19 0.00	24.85 0.11 0.00	27.65 0.08 0.00	31.65 0.04 0.00	31.77 0.00 0.00	31.69 0.07 0.00	29.65 0.08 0.00	30.06 0.13 0.00	33.54 0.29 0.00	37.60 0.44 0.00	38.63 0.71 0.00	43.48 1.12 0.00	39.55 1.00 0.00	32.89 0.73 0.00	29.44 0.54 0.00
NEG NORTH___LWR_SARANAC 23913	24.51 0.29 0.00	18.77 0.25 0.00	18.67 0.25 0.00	19.71 0.34 0.00	19.13 0.34 0.00	22.92 0.36 0.00	30.56 0.55 0.00	27.61 0.48 0.00	26.25 0.37 0.00	22.35 0.19 0.00	24.85 0.11 0.00	27.65 0.08 0.00	31.65 0.04 0.00	31.77 0.00 0.00	31.69 0.07 0.00	29.65 0.08 0.00	30.06 0.13 0.00	33.54 0.29 0.00	37.60 0.44 0.00	38.63 0.71 0.00	43.48 1.12 0.00	39.55 1.00 0.00	32.89 0.73 0.00	29.44 0.54 0.00
NEG NORTH___PLATTSBURG 23628	24.51 0.29 0.00	18.77 0.25 0.00	18.67 0.25 0.00	19.71 0.34 0.00	19.13 0.34 0.00	22.92 0.36 0.00	30.56 0.55 0.00	27.61 0.48 0.00	26.25 0.37 0.00	22.35 0.19 0.00	24.85 0.11 0.00	27.65 0.08 0.00	31.65 0.04 0.00	31.77 0.01 0.00	31.69 0.07 0.00	29.65 0.09 0.00	30.06 0.13 0.00	33.54 0.29 0.00	37.60 0.44 0.00	38.63 0.71 0.00	43.48 1.12 0.00	39.55 1.00 0.00	32.89 0.73 0.00	29.44 0.54 0.00
NEG WEST_LEA_LOCKPORT 23791	21.38 -2.83 0.00	16.61 -1.91 0.00	16.45 -1.97 0.00	17.36 -2.02 0.00	16.86 -1.93 0.00	20.27 -2.29 0.00	26.96 -3.06 0.00	24.07 -3.05 0.00	23.34 -2.54 0.00	19.98 -2.19 0.00	22.12 -2.55 0.08	24.65 -2.88 0.03	27.97 -3.09 0.55	25.25 -3.04 3.48	19.81 -3.02 8.79	23.34 -2.95 3.27	17.66 -2.92 9.36	19.84 -3.22 10.19	21.81 -3.96 11.40	26.97 -4.09 6.85	35.05 -4.65 2.67	24.96 -3.85 9.74	25.45 -3.06 3.65	25.83 -2.68 0.39
NEG WEST___LANCASTR 23811	21.91 -2.31 0.00	16.99 -1.53 0.00	16.83 -1.59 0.00	17.77 -1.60 0.00	17.25 -1.54 0.00	20.76 -1.80 0.00	27.67 -2.35 0.00	24.78 -2.35 0.00	24.03 -1.84 0.00	20.57 -1.60 0.00	22.75 -1.91 0.09	25.37 -2.17 0.03	28.79 -2.22 0.60	25.77 -2.17 3.84	19.75 -2.18 9.68	23.85 -2.13 3.58	17.49 -2.14 10.31	19.74 -2.29 11.22	21.73 -2.88 12.55	27.40 -2.97 7.55	35.94 -3.48 2.94	24.96 -2.87 10.72	25.74 -2.41 4.01	26.28 -2.19 0.43

NEG_PENN_ALLEGHNY 23528	24.01 -0.20 0.00	18.42 -0.10 0.00	18.31 -0.12 0.00	19.28 -0.10 0.00	18.70 -0.09 0.00	22.46 -0.10 0.00	29.83 -0.19 0.00	26.90 -0.22 0.00	25.66 -0.21 0.00	21.96 -0.20 0.00	24.52 -0.24 -0.02	27.36 -0.21 -0.01	31.67 -0.06 -0.12	32.49 -0.03 -0.75	33.49 -0.04 -1.92	30.15 -0.11 -0.70	31.99 0.02 -2.04	35.55 0.08 -2.22	39.73 0.08 -2.49	39.59 0.17 -1.50	43.15 0.20 -0.58	40.82 0.15 -2.12	33.04 0.08 -0.79	28.98 0.00 -0.08
NEG___GEN_MONROE 24207	22.63 -1.58 0.00	17.45 -1.08 0.00	17.29 -1.13 0.00	18.22 -1.16 0.00	17.70 -1.09 0.00	21.32 -1.24 0.00	28.40 -1.62 0.00	25.47 -1.66 0.00	24.42 -1.45 0.00	20.86 -1.31 0.00	23.16 -1.56 0.02	25.80 -1.75 0.01	29.59 -1.87 0.15	28.92 -1.92 0.93	27.33 -1.94 2.34	26.86 -1.85 0.85	25.56 -1.87 2.50	28.56 -1.97 2.72	31.80 -2.32 3.04	33.88 -2.21 1.83	39.31 -2.34 0.71	33.97 -1.99 2.60	29.49 -1.70 0.97	27.34 -1.45 0.10
NEPA___ENERGY 23901	21.85 -2.35 0.00	17.02 -1.50 0.00	16.85 -1.57 0.00	17.86 -1.52 0.00	17.34 -1.46 0.00	20.80 -1.76 0.00	27.67 -2.34 0.00	24.35 -2.78 0.00	23.74 -2.13 0.00	20.38 -1.79 0.00	22.49 -2.16 0.09	25.17 -2.36 0.03	28.60 -2.35 0.66	25.08 -2.48 4.21	18.52 -2.48 10.62	23.37 -2.27 3.93	16.15 -2.48 11.30	18.30 -2.64 12.31	19.98 -3.41 13.77	26.20 -3.44 8.28	35.20 -3.94 3.22	23.30 -3.48 11.76	24.89 -2.87 4.40	25.84 -2.58 0.47
NEVERSINK___HYD 23608	24.64 0.43 0.00	18.70 0.17 0.00	18.57 0.15 0.00	19.51 0.14 0.00	18.95 0.15 0.00	22.80 0.24 0.00	30.36 0.34 0.00	27.59 0.47 0.00	26.47 0.60 0.00	22.71 0.55 0.00	25.42 0.68 0.00	28.32 0.76 0.00	32.50 0.89 0.00	32.74 0.97 0.00	32.51 0.90 0.00	30.51 0.95 0.00	31.08 1.15 0.00	34.54 1.30 0.00	38.55 1.39 0.00	39.18 1.26 0.00	43.62 1.26 0.00	39.64 1.09 0.00	33.01 0.86 0.00	29.49 0.60 0.00
NEWKRMKL_115KV_TB1 55635	24.82 0.61 0.00	18.98 0.45 0.00	18.89 0.46 0.00	19.85 0.48 0.00	19.25 0.46 0.00	23.03 0.47 0.00	30.45 0.44 0.00	27.56 0.43 0.00	26.24 0.37 0.00	22.53 0.36 0.00	25.27 0.52 0.00	28.13 0.57 0.00	32.21 0.60 0.00	32.34 0.57 0.00	32.22 0.61 0.00	30.12 0.56 0.00	30.49 0.56 0.00	33.93 0.69 0.00	37.99 0.84 0.00	38.72 0.79 0.00	43.19 0.83 0.00	39.28 0.73 0.00	32.83 0.67 0.00	29.57 0.68 0.00
NEWTON___FALLS_HYD 23847	23.98 -0.24 0.00	18.36 -0.16 0.00	18.25 -0.18 0.00	19.17 -0.20 0.00	18.60 -0.19 0.00	22.27 -0.29 0.00	29.74 -0.27 0.00	26.60 -0.53 0.00	25.17 -0.70 0.00	21.48 -0.68 0.00	23.85 -0.89 0.00	26.30 -1.27 0.00	30.03 -1.58 0.00	30.15 -1.62 0.00	30.05 -1.57 0.00	28.08 -1.48 0.00	28.49 -1.44 0.00	31.76 -1.49 0.00	35.70 -1.46 0.00	36.79 -1.13 0.00	41.70 -0.66 0.00	37.99 -0.55 0.00	31.83 -0.33 0.00	28.74 -0.15 0.00
NGRID_A1_DSASP 323792	20.95 -3.27 0.00	16.34 -2.19 0.00	16.19 -2.23 0.00	17.08 -2.29 0.00	16.59 -2.21 0.00	19.73 -2.83 0.00	26.28 -3.74 0.00	23.53 -3.60 0.00	22.89 -2.98 0.00	19.64 -2.53 0.00	21.72 -2.94 0.08	24.20 -3.34 0.03	27.40 -3.64 0.57	24.39 -3.77 3.60	18.76 -3.75 9.10	22.65 -3.53 3.39	16.68 -3.57 9.69	18.80 -3.90 10.55	20.69 -4.68 11.80	25.90 -4.92 7.10	33.79 -5.81 2.76	23.68 -4.79 10.08	24.40 -3.99 3.77	25.05 -3.44 0.40
NGRID_A2_DSASP 323793	20.95 -3.27 0.00	16.34 -2.19 0.00	16.19 -2.23 0.00	17.08 -2.29 0.00	16.59 -2.21 0.00	19.73 -2.83 0.00	26.28 -3.74 0.00	23.53 -3.60 0.00	22.89 -2.98 0.00	19.64 -2.53 0.00	21.72 -2.94 0.08	24.20 -3.34 0.03	27.40 -3.64 0.57	24.39 -3.77 3.60	18.76 -3.75 9.10	22.65 -3.53 3.39	16.68 -3.57 9.69	18.80 -3.90 10.55	20.69 -4.68 11.80	25.90 -4.92 7.10	33.79 -5.81 2.76	23.68 -4.79 10.08	24.40 -3.99 3.77	25.05 -3.44 0.40
NGRID_A4_DSASP 323807	20.95 -3.27 0.00	16.34 -2.19 0.00	16.19 -2.23 0.00	17.08 -2.29 0.00	16.59 -2.21 0.00	19.73 -2.83 0.00	26.28 -3.74 0.00	23.53 -3.60 0.00	22.89 -2.98 0.00	19.64 -2.53 0.00	21.72 -2.94 0.08	24.20 -3.34 0.03	27.40 -3.64 0.57	24.39 -3.77 3.60	18.76 -3.75 9.10	22.65 -3.53 3.39	16.68 -3.57 9.69	18.80 -3.90 10.55	20.69 -4.68 11.80	25.90 -4.92 7.10	33.79 -5.81 2.76	23.68 -4.79 10.08	24.40 -3.99 3.77	25.05 -3.44 0.40
NIAGARA_115E_LBMP 323715	21.01 -3.20 0.00	16.33 -2.19 0.00	16.17 -2.25 0.00	17.07 -2.31 0.00	16.59 -2.21 0.00	19.92 -2.64 0.00	26.42 -3.60 0.00	23.63 -3.49 0.00	22.94 -2.93 0.00	19.64 -2.52 0.00	21.79 -2.87 0.08	24.25 -3.29 0.03	27.54 -3.53 0.55	24.94 -3.33 3.50	19.58 -3.21 8.82	23.00 -3.28 3.28	17.42 -3.12 9.39	19.53 -3.49 10.22	21.33 -4.40 11.44	26.36 -4.68 6.88	34.21 -5.48 2.68	24.37 -4.40 9.77	25.05 -3.45 3.66	25.43 -3.07 0.39
NIAGARA_115W_LBMP 323714	20.90 -3.31 0.00	16.31 -2.22 0.00	16.16 -2.26 0.00	17.05 -2.33 0.00	16.56 -2.24 0.00	19.66 -2.90 0.00	26.15 -3.86 0.00	23.46 -3.67 0.00	22.82 -3.05 0.00	19.58 -2.59 0.00	21.65 -3.01 0.08	24.12 -3.41 0.03	27.31 -3.73 0.57	24.34 -3.82 3.60	18.73 -3.78 9.10	22.60 -3.58 3.39	16.64 -3.60 9.69	18.78 -3.92 10.55	20.64 -4.73 11.80	25.80 -5.02 7.10	33.61 -5.99 2.76	23.61 -4.86 10.08	24.32 -4.06 3.77	24.95 -3.54 0.40
NIAGARA_230_LBMP 323716	21.24 -2.97 0.00	16.50 -2.02 0.00	16.34 -2.08 0.00	17.24 -2.14 0.00	16.75 -2.05 0.00	20.15 -2.41 0.00	26.79 -3.23 0.00	24.05 -3.08 0.00	23.34 -2.53 0.00	19.97 -2.20 0.00	22.11 -2.56 0.07	24.65 -2.88 0.03	27.99 -3.11 0.51	25.35 -3.16 3.26	20.22 -3.16 8.23	23.48 -3.03 3.06	18.11 -3.06 8.76	20.36 -3.34 9.54	22.39 -4.10 10.67	27.19 -4.31 6.42	34.97 -4.90 2.50	25.27 -4.16 9.12	25.34 -3.41 3.41	25.66 -2.87 0.36
NIAGARA___115KV_198_GIBSON 55903	20.90 -3.31 0.00	16.31 -2.22 0.00	16.16 -2.26 0.00	17.05 -2.33 0.00	16.56 -2.24 0.00	19.66 -2.90 0.00	26.19 -3.83 0.00	23.45 -3.68 0.00	22.82 -3.05 0.00	19.58 -2.59 0.00	21.65 -3.01 0.08	24.12 -3.42 0.03	27.31 -3.73 0.57	24.31 -3.85 3.60	18.67 -3.85 9.10	22.56 -3.62 3.39	16.59 -3.66 9.69	18.70 -4.00 10.55	20.59 -4.78 11.80	25.77 -5.05 7.10	33.62 -5.98 2.76	23.57 -4.90 10.08	24.31 -4.08 3.77	24.95 -3.54 0.40
NIAGARA____ 23760	21.24 -2.97 0.00	16.50 -2.02 0.00	16.34 -2.08 0.00	17.24 -2.14 0.00	16.75 -2.05 0.00	20.15 -2.41 0.00	26.79 -3.23 0.00	24.05 -3.08 0.00	23.34 -2.53 0.00	19.97 -2.20 0.00	22.11 -2.56 0.08	24.65 -2.88 0.03	27.97 -3.11 0.53	25.26 -3.16 3.35	19.99 -3.16 8.47	23.39 -3.03 3.15	17.86 -3.06 9.01	20.06 -3.34 9.84	22.02 -4.10 11.04	26.97 -4.31 6.64	34.88 -4.90 2.59	24.96 -4.16 9.43	25.23 -3.41 3.52	25.65 -2.87 0.38
NINE_MILE_1 23575	23.34 -0.87 0.00	17.88 -0.65 0.00	17.77 -0.65 0.00	18.70 -0.68 0.00	18.14 -0.65 0.00	21.80 -0.77 0.00	29.00 -1.02 0.00	26.18 -0.94 0.00	24.97 -0.90 0.00	21.38 -0.79 0.00	23.85 -0.89 0.00	26.58 -0.98 0.00	30.51 -1.09 0.00	30.67 -1.10 0.00	30.51 -1.10 0.00	28.49 -1.07 0.00	28.80 -1.13 0.00	31.92 -1.33 0.00	35.62 -1.54 0.00	36.37 -1.55 0.00	40.62 -1.74 0.00	36.98 -1.57 0.00	30.87 -1.29 0.00	27.77 -1.13 0.00

NINE_MILE_2 23744	23.34 -0.87 0.00	17.88 -0.64 0.00	17.78 -0.65 0.00	18.70 -0.67 0.00	18.15 -0.64 0.00	21.80 -0.77 0.00	29.00 -1.01 0.00	26.19 -0.94 0.00	24.97 -0.90 0.00	21.38 -0.79 0.00	23.86 -0.89 0.00	26.58 -0.98 0.00	30.52 -1.09 0.00	30.67 -1.09 0.00	30.52 -1.10 0.00	28.49 -1.07 0.00	28.81 -1.13 0.00	31.92 -1.33 0.00	35.62 -1.54 0.00	36.37 -1.55 0.00	40.62 -1.74 0.00	36.98 -1.57 0.00	30.87 -1.29 0.00	27.78 -1.12 0.00
NM_CAPITAL___DRP 24208	24.87 0.66 0.00	19.01 0.48 0.00	18.91 0.49 0.00	19.88 0.50 0.00	19.28 0.49 0.00	23.08 0.52 0.00	30.54 0.52 0.00	27.64 0.51 0.00	26.32 0.45 0.00	22.61 0.44 0.00	25.34 0.60 0.00	28.22 0.66 0.00	32.31 0.70 0.00	32.44 0.67 0.00	32.32 0.71 0.00	30.22 0.66 0.00	30.58 0.64 0.00	34.01 0.76 0.00	38.10 0.93 0.00	38.81 0.89 0.00	43.30 0.94 0.00	39.39 0.84 0.00	32.91 0.75 0.00	29.62 0.73 0.00
NM_CENTRAL___DRP 24181	23.66 -0.55 0.00	18.13 -0.40 0.00	18.01 -0.41 0.00	18.95 -0.43 0.00	18.39 -0.40 0.00	22.10 -0.46 0.00	29.43 -0.59 0.00	26.55 -0.58 0.00	25.32 -0.56 0.00	21.66 -0.50 0.00	24.17 -0.57 0.00	26.95 -0.61 0.00	30.97 -0.64 0.00	31.14 -0.63 0.00	30.97 -0.64 0.00	28.92 -0.65 0.00	29.27 -0.66 0.00	32.49 -0.75 0.00	36.30 -0.86 0.00	37.10 -0.83 0.00	41.43 -0.93 0.00	37.70 -0.85 0.00	31.43 -0.72 0.00	28.24 -0.65 0.00
NM_FRONTIER___DRP 24179	20.90 -3.31 0.00	16.31 -2.22 0.00	16.16 -2.26 0.00	17.05 -2.33 0.00	16.56 -2.24 0.00	19.66 -2.90 0.00	26.19 -3.83 0.00	23.45 -3.68 0.00	22.82 -3.05 0.00	19.58 -2.59 0.00	21.65 -3.01 0.08	24.12 -3.42 0.03	27.31 -3.73 0.57	24.31 -3.85 3.60	18.67 -3.85 9.10	22.56 -3.62 3.39	16.59 -3.66 9.69	18.70 -4.00 10.55	20.59 -4.78 11.80	25.77 -5.05 7.10	33.62 -5.98 2.76	23.57 -4.90 10.08	24.31 -4.08 3.77	24.95 -3.54 0.40
NM_ST_REGIS___HYD 24053	24.10 -0.11 0.00	18.49 -0.03 0.00	18.37 -0.05 0.00	19.34 -0.03 0.00	18.77 -0.03 0.00	22.44 -0.12 0.00	29.94 -0.08 0.00	26.85 -0.28 0.00	25.51 -0.36 0.00	21.76 -0.41 0.00	24.16 -0.58 0.00	26.61 -0.96 0.00	30.40 -1.21 0.00	30.53 -1.23 0.00	30.41 -1.21 0.00	28.45 -1.11 0.00	28.81 -1.12 0.00	32.13 -1.12 0.00	36.07 -1.09 0.00	37.11 -0.81 0.00	42.07 -0.30 0.00	38.30 -0.25 0.00	31.95 -0.21 0.00	28.86 -0.04 0.00
NORTHPORT___1 23551	25.62 1.40 0.00	19.44 0.92 0.00	19.39 0.97 0.00	20.36 0.98 0.00	19.78 0.99 0.00	23.76 1.20 0.00	31.58 1.56 0.00	28.56 1.44 0.00	27.25 1.38 0.00	23.64 1.47 0.00	26.49 1.75 0.00	29.42 1.86 0.00	33.64 2.04 0.00	33.96 2.19 0.00	33.55 1.93 0.00	31.88 2.00 -0.32	32.19 2.26 -0.01	36.44 2.44 -0.75	39.22 2.06 0.00	39.77 1.85 0.00	44.46 2.10 0.00	40.65 2.09 0.00	34.06 1.90 0.00	30.45 1.55 0.00
NORTHPORT___2 23552	25.62 1.40 0.00	19.44 0.92 0.00	19.39 0.97 0.00	20.36 0.98 0.00	19.78 0.99 0.00	23.76 1.20 0.00	31.58 1.56 0.00	28.56 1.44 0.00	27.25 1.38 0.00	23.64 1.47 0.00	26.49 1.75 0.00	29.42 1.86 0.00	33.64 2.04 0.00	33.96 2.19 0.00	33.55 1.93 0.00	31.88 2.00 -0.32	32.19 2.26 -0.01	36.44 2.44 -0.75	39.22 2.06 0.00	39.77 1.85 0.00	44.46 2.10 0.00	40.65 2.09 0.00	34.06 1.90 0.00	30.45 1.55 0.00
NORTHPORT___3 23553	25.52 1.36 0.06	19.29 0.88 0.12	19.35 0.92 0.00	20.31 0.94 0.00	19.67 0.95 0.07	23.71 1.15 0.00	31.52 1.50 0.00	28.51 1.38 0.00	27.20 1.33 0.00	23.59 1.43 0.00	26.45 1.71 0.00	29.38 1.82 0.00	33.61 2.00 0.00	33.92 2.16 0.00	33.52 1.91 0.00	31.87 1.99 -0.32	32.17 2.23 -0.01	36.37 2.37 -0.76	39.15 1.99 0.00	39.69 1.77 0.00	44.36 2.00 0.00	40.53 1.98 0.00	33.97 1.82 0.00	30.39 1.49 0.00
NORTHPORT___4 23650	25.52 1.36 0.06	19.29 0.88 0.12	19.35 0.92 0.00	20.31 0.94 0.00	19.67 0.95 0.07	23.71 1.15 0.00	31.52 1.50 0.00	28.51 1.38 0.00	27.20 1.33 0.00	23.59 1.43 0.00	26.45 1.71 0.00	29.38 1.82 0.00	33.61 2.00 0.00	33.92 2.16 0.00	33.52 1.91 0.00	31.87 1.99 -0.32	32.17 2.23 -0.01	36.37 2.37 -0.76	39.15 1.99 0.00	39.69 1.77 0.00	44.36 2.00 0.00	40.53 1.98 0.00	33.97 1.82 0.00	30.39 1.49 0.00
NORTHPORT___IC 23718	25.61 1.40 0.00	19.44 0.92 0.00	19.39 0.97 0.00	20.36 0.98 0.00	19.78 0.99 0.00	23.76 1.20 0.00	31.57 1.56 0.00	28.57 1.44 0.00	27.25 1.38 0.00	23.64 1.47 0.00	26.49 1.75 0.00	29.42 1.86 0.00	33.64 2.03 0.00	33.97 2.20 0.00	33.56 1.94 0.00	31.89 2.01 -0.32	32.20 2.26 -0.01	36.44 2.44 -0.75	39.22 2.06 0.00	39.78 1.86 0.00	44.46 2.10 0.00	40.65 2.10 0.00	34.06 1.91 0.00	30.45 1.56 0.00
NORTH___COUNTRY_ESR 323785	24.29 0.08 0.00	18.61 0.08 0.00	18.51 0.09 0.00	19.51 0.14 0.00	18.93 0.13 0.00	22.69 0.13 0.00	30.24 0.23 0.00	27.32 0.20 0.00	26.08 0.20 0.00	22.29 0.13 0.00	24.77 0.03 0.00	27.56 0.00 0.00	31.56 -0.05 0.00	31.73 -0.04 0.00	31.62 0.01 0.00	29.59 0.03 0.00	29.96 0.03 0.00	33.36 0.12 0.00	37.35 0.19 0.00	38.19 0.27 0.00	42.76 0.40 0.00	38.88 0.33 0.00	32.36 0.20 0.00	29.03 0.14 0.00
NPX_GEN_1385_PROXY 323591	25.29 1.70 0.63	19.71 1.18 0.00	31.11 1.48 -11.21	36.00 1.52 -15.11	28.70 1.52 -8.39	24.32 1.76 0.00	32.33 2.31 0.00	29.26 2.13 0.00	27.40 1.53 0.00	24.18 2.02 0.00	26.98 2.24 0.00	29.92 2.36 0.00	33.80 2.19 0.00	34.02 2.25 0.00	33.57 1.96 0.00	31.71 1.82 -0.32	31.99 2.06 -0.01	36.48 2.48 -0.75	39.03 1.87 0.00	39.70 1.78 0.00	44.63 2.27 0.00	41.69 3.14 0.00	34.80 2.64 0.00	30.94 2.05 0.00
NPX_GEN_CSC 323557	27.67 1.70 -1.75	24.45 1.16 -4.77	19.60 1.17 0.00	20.58 1.20 0.00	22.94 1.22 -2.92	24.01 1.45 0.00	31.80 1.79 0.00	28.52 1.39 0.00	27.43 1.55 0.00	23.79 1.63 0.00	26.58 1.83 0.00	29.43 1.87 0.00	33.73 2.12 0.00	34.09 2.33 0.00	33.32 1.71 0.00	31.82 1.94 -0.32	32.21 2.27 -0.01	36.82 2.81 -0.76	39.46 2.30 0.00	40.09 2.17 0.00	44.98 2.62 0.00	40.76 2.21 0.00	34.36 2.20 0.00	30.85 1.96 0.00
NSINS_S___GLNS_FALLS 23858	25.10 0.89 0.00	19.15 0.62 0.00	19.02 0.60 0.00	20.02 0.64 0.00	19.44 0.65 0.00	23.40 0.84 0.00	31.10 1.08 0.00	28.10 0.97 0.00	26.71 0.84 0.00	22.84 0.67 0.00	25.54 0.80 0.00	28.35 0.79 0.00	32.46 0.85 0.00	32.57 0.80 0.00	32.37 0.75 0.00	30.36 0.79 0.00	30.72 0.79 0.00	34.32 1.07 0.00	38.72 1.55 0.00	39.61 1.69 0.00	44.23 1.87 0.00	40.25 1.70 0.00	33.48 1.33 0.00	29.96 1.07 0.00
NUCOR_STEEL___DRP 24197	23.84 -0.37 0.00	18.27 -0.26 0.00	18.15 -0.27 0.00	19.16 -0.21 0.00	18.63 -0.16 0.00	22.40 -0.15 0.00	29.73 -0.29 0.00	26.82 -0.31 0.00	25.43 -0.44 0.00	21.78 -0.38 0.00	24.26 -0.48 0.00	27.07 -0.49 0.00	31.12 -0.48 0.00	31.26 -0.50 0.00	31.13 -0.49 0.00	29.05 -0.52 0.00	29.47 -0.46 0.00	32.62 -0.62 0.00	36.62 -0.54 0.00	37.41 -0.51 0.00	41.89 -0.47 0.00	38.27 -0.28 0.00	31.78 -0.38 0.00	28.64 -0.26 0.00

NUMBER_THREE_WT_PWR 323818	24.27 0.06 0.00	18.56 0.03 0.00	18.44 0.02 0.00	19.37 0.00 0.00	18.79 0.00 0.00	22.52 -0.04 0.00	30.12 0.11 0.00	26.91 -0.21 0.00	25.43 -0.44 0.00	21.69 -0.47 0.00	24.08 -0.67 0.00	26.67 -0.89 0.00	30.47 -1.14 0.00	30.59 -1.18 0.00	30.49 -1.13 0.00	28.54 -1.03 0.00	28.98 -0.95 0.00	32.34 -0.91 0.00	36.39 -0.77 0.00	37.51 -0.42 0.00	42.32 -0.05 0.00	38.50 -0.05 0.00	32.33 0.17 0.00	29.12 0.23 0.00
NYISO_LBMP_REFERENCE 24008	24.21 0.00 0.00	18.53 0.00 0.00	18.42 0.00 0.00	19.37 0.00 0.00	18.79 0.00 0.00	22.56 0.00 0.00	30.01 0.00 0.00	27.13 0.00 0.00	25.87 0.00 0.00	22.17 0.00 0.00	24.74 0.00 0.00	27.56 0.00 0.00	31.61 0.00 0.00	31.77 0.00 0.00	31.61 0.00 0.00	29.57 0.00 0.00	29.93 0.00 0.00	33.25 0.00 0.00	37.16 0.00 0.00	37.92 0.00 0.00	42.36 0.00 0.00	38.55 0.00 0.00	32.16 0.00 0.00	28.89 0.00 0.00
NYPA_BRENTWD____GT 24164	26.03 1.60 -0.22	20.00 1.03 -0.44	19.51 1.09 0.00	20.48 1.11 0.00	20.18 1.12 -0.27	23.97 1.41 0.00	31.89 1.87 0.00	28.84 1.71 0.00	27.53 1.66 0.00	23.84 1.67 0.00	26.70 1.96 0.00	29.63 2.07 0.00	33.92 2.31 0.00	34.27 2.50 0.00	33.87 2.26 0.00	32.19 2.30 -0.33	32.55 2.61 -0.01	36.91 2.88 -0.78	39.70 2.53 0.00	40.27 2.35 0.00	45.03 2.67 0.00	41.10 2.55 0.00	34.41 2.25 0.00	30.74 1.85 0.00
NYPA_GOWANUS____GT5 24156	25.32 1.10 0.00	19.22 0.69 0.00	19.09 0.66 0.00	20.05 0.68 0.00	19.47 0.67 0.00	23.45 0.89 0.00	31.14 1.13 0.00	28.37 1.25 0.00	27.19 1.32 -0.01	23.42 1.25 -0.01	26.33 1.58 -0.01	29.34 1.77 -0.01	33.64 2.03 0.00	33.91 2.14 0.00	33.78 2.16 0.00	31.71 2.15 0.00	32.22 2.29 0.00	35.58 2.34 0.00	39.45 2.29 0.00	39.89 1.97 0.00	44.35 1.99 0.00	40.32 1.77 0.00	33.65 1.49 0.00	30.09 1.19 0.00
NYPA_GOWANUS____GT6 24157	25.32 1.10 0.00	19.22 0.69 0.00	19.09 0.66 0.00	20.05 0.68 0.00	19.47 0.67 0.00	23.45 0.89 0.00	31.14 1.13 0.00	28.37 1.25 0.00	27.19 1.32 -0.01	23.42 1.25 -0.01	26.33 1.58 -0.01	29.34 1.77 -0.01	33.64 2.03 0.00	33.91 2.14 0.00	33.78 2.16 0.00	31.71 2.15 0.00	32.22 2.29 0.00	35.58 2.34 0.00	39.45 2.29 0.00	39.89 1.97 0.00	44.35 1.99 0.00	40.32 1.77 0.00	33.65 1.49 0.00	30.09 1.19 0.00
NYPA_HARLEM__RVR__GT1 24160	25.23 1.01 0.00	19.10 0.59 0.02	18.98 0.57 0.02	19.94 0.59 0.02	19.36 0.59 0.02	23.32 0.78 0.02	30.99 0.98 0.01	28.27 1.14 0.00	27.07 1.20 -0.01	23.32 1.15 -0.01	26.19 1.44 -0.01	29.17 1.60 -0.01	33.40 1.79 0.00	33.64 1.87 0.00	33.51 1.89 0.00	31.47 1.90 0.00	31.99 2.06 0.00	35.21 1.97 0.00	39.04 1.87 0.00	39.49 1.57 0.00	43.89 1.53 0.00	39.97 1.42 0.00	33.40 1.24 0.00	29.91 1.02 0.00
NYPA_HARLEM__RVR__GT2 24161	25.23 1.01 0.00	19.10 0.59 0.02	18.98 0.57 0.02	19.94 0.59 0.02	19.36 0.59 0.02	23.32 0.78 0.02	30.99 0.98 0.01	28.27 1.14 0.00	27.07 1.20 -0.01	23.32 1.15 -0.01	26.19 1.44 -0.01	29.17 1.60 -0.01	33.40 1.79 0.00	33.64 1.87 0.00	33.51 1.89 0.00	31.47 1.90 0.00	31.99 2.06 0.00	35.21 1.97 0.00	39.04 1.87 0.00	39.49 1.57 0.00	43.89 1.53 0.00	39.97 1.42 0.00	33.40 1.24 0.00	29.91 1.02 0.00
NYPA_KENT____GT 24152	25.30 1.08 0.00	19.20 0.67 0.00	19.07 0.65 0.00	20.04 0.66 0.00	19.45 0.66 0.00	23.43 0.86 0.00	31.11 1.09 0.00	28.35 1.22 0.00	27.17 1.29 -0.01	23.41 1.24 -0.01	26.32 1.56 -0.01	29.31 1.74 -0.01	33.58 1.97 0.00	33.85 2.09 0.00	33.71 2.09 0.00	31.67 2.10 0.00	32.17 2.24 0.00	35.52 2.27 0.00	39.39 2.23 0.00	39.79 1.87 0.00	44.26 1.89 0.00	40.25 1.70 0.00	33.58 1.43 0.00	30.04 1.15 0.00
NYPA_POUCH1____GT 24155	25.32 1.11 0.00	19.23 0.71 0.00	19.10 0.68 0.00	20.07 0.70 0.00	19.48 0.69 0.00	23.47 0.90 0.00	31.17 1.15 0.00	28.38 1.25 0.00	27.20 1.32 -0.01	23.40 1.22 -0.01	26.29 1.55 -0.01	29.30 1.73 -0.01	33.62 2.02 0.00	33.92 2.15 0.00	33.79 2.17 0.00	31.71 2.14 0.00	32.22 2.29 0.00	35.57 2.32 0.00	39.39 2.23 0.00	39.84 1.92 0.00	44.31 1.95 0.00	40.29 1.74 0.00	33.62 1.46 0.00	30.06 1.16 0.00
NYPA_VERNON____GT2 24162	25.28 1.06 0.00	19.17 0.65 0.00	19.05 0.63 0.00	20.02 0.64 0.00	19.44 0.64 0.00	23.41 0.85 0.00	31.06 1.05 0.00	28.32 1.19 0.00	27.15 1.27 -0.01	23.41 1.23 -0.01	26.29 1.54 -0.01	29.29 1.72 -0.01	33.53 1.92 0.00	33.79 2.02 0.00	33.63 2.01 0.00	31.62 2.05 0.00	32.12 2.19 0.00	35.46 2.22 0.00	39.32 2.16 0.00	39.70 1.78 0.00	44.15 1.78 0.00	40.17 1.62 0.00	33.52 1.37 0.00	30.00 1.11 0.00
NYPA_VERNON____GT3 24163	25.28 1.06 0.00	19.17 0.65 0.00	19.05 0.63 0.00	20.02 0.64 0.00	19.44 0.64 0.00	23.41 0.85 0.00	31.06 1.05 0.00	28.32 1.19 0.00	27.15 1.27 -0.01	23.41 1.23 -0.01	26.29 1.54 -0.01	29.29 1.72 -0.01	33.53 1.92 0.00	33.79 2.02 0.00	33.63 2.01 0.00	31.62 2.05 0.00	32.12 2.19 0.00	35.46 2.22 0.00	39.32 2.16 0.00	39.70 1.78 0.00	44.15 1.78 0.00	40.17 1.62 0.00	33.52 1.37 0.00	30.00 1.11 0.00
NYPA__ASTORIA_CC1 323568	25.26 1.05 0.00	19.16 0.64 0.00	19.04 0.62 0.00	20.00 0.62 0.00	19.42 0.63 0.00	23.39 0.82 0.00	31.03 1.01 0.00	28.28 1.16 0.00	27.12 1.24 -0.01	23.38 1.21 -0.01	26.27 1.52 -0.01	29.25 1.68 -0.01	33.47 1.86 0.00	33.73 1.97 0.00	33.58 1.96 0.00	31.57 2.00 0.00	32.06 2.13 0.00	35.39 2.15 0.00	39.25 2.08 0.00	39.63 1.71 0.00	44.05 1.69 0.00	40.09 1.54 0.00	33.47 1.31 0.00	29.96 1.07 0.00
NYPA__ASTORIA_CC2 323569	25.26 1.05 0.00	19.16 0.64 0.00	19.04 0.62 0.00	20.00 0.62 0.00	19.42 0.63 0.00	23.39 0.82 0.00	31.03 1.01 0.00	28.28 1.16 0.00	27.12 1.24 -0.01	23.38 1.21 -0.01	26.27 1.52 -0.01	29.25 1.68 -0.01	33.47 1.86 0.00	33.73 1.97 0.00	33.58 1.96 0.00	31.57 2.00 0.00	32.06 2.13 0.00	35.39 2.15 0.00	39.25 2.08 0.00	39.63 1.71 0.00	44.05 1.69 0.00	40.09 1.54 0.00	33.47 1.31 0.00	29.96 1.07 0.00
NYPA__HOLTSVILL 23794	28.13 1.54 -2.38	24.32 1.02 -4.77	19.47 1.05 0.00	20.44 1.07 0.00	22.79 1.08 -2.92	23.87 1.31 0.00	31.70 1.69 0.00	28.59 1.47 0.00	27.35 1.48 0.00	23.70 1.54 0.00	26.51 1.77 0.00	29.41 1.85 0.00	33.68 2.07 0.00	34.01 2.24 0.00	33.44 1.82 0.00	31.83 1.95 -0.32	32.18 2.25 -0.01	36.60 2.59 -0.76	39.37 2.21 0.00	39.95 2.03 0.00	44.71 2.34 0.00	40.76 2.21 0.00	34.21 2.05 0.00	30.60 1.70 0.00
NYPA__HELLGATE_GT1 24158	25.23 1.01 0.00	19.12 0.59 0.00	19.00 0.57 0.00	19.96 0.59 0.00	19.38 0.59 0.00	23.34 0.78 0.00	31.00 0.98 0.00	28.27 1.14 0.00	27.07 1.20 -0.01	23.32 1.15 -0.01	26.19 1.44 -0.01	29.17 1.60 -0.01	33.40 1.79 0.00	33.64 1.87 0.00	33.51 1.89 0.00	31.47 1.90 0.00	31.99 2.06 0.00	35.21 1.97 0.00	39.03 1.87 0.00	39.44 1.53 0.02	43.84 1.49 0.02	39.97 1.42 0.00	33.40 1.24 0.00	29.91 1.02 0.00

NYPA_____HELLGATE_GT2 24159	25.23 1.01 0.00	19.12 0.59 0.00	19.00 0.57 0.00	19.96 0.59 0.00	19.38 0.59 0.00	23.34 0.78 0.00	31.00 0.98 0.00	28.27 1.14 0.00	27.07 1.20 -0.01	23.32 1.15 -0.01	26.19 1.44 -0.01	29.17 1.60 -0.01	33.40 1.79 0.00	33.64 1.87 0.00	33.51 1.89 0.00	31.47 1.90 0.00	31.99 2.06 0.00	35.21 1.97 0.00	39.03 1.87 0.00	39.44 1.53 0.02	43.84 1.49 0.02	39.97 1.42 0.00	33.40 1.24 0.00	29.91 1.02 0.00
NYS_BARGE____HYD 23848	21.37 -2.84 0.00	16.60 -1.92 0.00	16.44 -1.98 0.00	17.35 -2.03 0.00	16.85 -1.94 0.00	20.26 -2.30 0.00	26.90 -3.12 0.00	24.06 -3.07 0.00	23.30 -2.57 0.00	19.94 -2.23 0.00	22.09 -2.57 0.07	24.62 -2.92 0.03	27.97 -3.12 0.52	25.48 -3.01 3.28	20.39 -2.94 8.28	23.53 -2.96 3.08	18.26 -2.85 8.82	20.51 -3.14 9.60	22.51 -3.91 10.74	27.37 -4.09 6.46	35.15 -4.70 2.51	25.58 -3.80 9.17	25.70 -3.03 3.43	25.85 -2.68 0.37
OAK ORCHARD____HYD 24046	22.63 -1.58 0.00	17.43 -1.09 0.00	17.28 -1.14 0.00	18.21 -1.16 0.00	17.69 -1.11 0.00	21.29 -1.27 0.00	28.35 -1.67 0.00	25.51 -1.62 0.00	24.51 -1.36 0.00	20.95 -1.22 0.00	23.29 -1.43 0.02	25.95 -1.61 0.01	29.76 -1.72 0.13	29.18 -1.77 0.82	27.76 -1.79 2.07	27.11 -1.70 0.75	26.00 -1.73 2.20	29.02 -1.83 2.40	32.32 -2.16 2.68	34.15 -2.16 1.61	39.34 -2.40 0.63	34.18 -2.08 2.29	29.51 -1.78 0.86	27.29 -1.51 0.09
OAKDALE____35_KV_LOAD 356122	23.97 -0.24 0.00	18.38 -0.14 0.00	18.27 -0.15 0.00	19.25 -0.13 0.00	18.67 -0.12 0.00	22.42 -0.14 0.00	29.76 -0.25 0.00	26.90 -0.22 0.00	25.68 -0.19 0.00	21.99 -0.17 0.00	24.56 -0.20 -0.02	27.38 -0.19 -0.01	31.64 -0.09 -0.12	32.50 -0.07 -0.80	33.58 -0.07 -2.04	30.17 -0.14 -0.74	32.08 -0.02 -2.17	35.63 0.02 -2.36	39.81 0.00 -2.64	39.58 0.07 -1.59	43.06 0.08 -0.62	40.86 0.05 -2.26	33.01 0.01 -0.84	28.93 -0.06 -0.09
OCC_CHEM____DRP 24175	20.95 -3.27 0.00	16.34 -2.19 0.00	16.19 -2.23 0.00	17.08 -2.29 0.00	16.59 -2.21 0.00	19.73 -2.83 0.00	26.28 -3.74 0.00	23.53 -3.60 0.00	22.89 -2.98 0.00	19.64 -2.53 0.00	21.72 -2.94 0.08	24.20 -3.34 0.03	27.40 -3.64 0.57	24.39 -3.77 3.60	18.76 -3.75 9.10	22.65 -3.53 3.39	16.68 -3.57 9.69	18.80 -3.90 10.55	20.69 -4.68 11.80	25.90 -4.92 7.10	33.79 -5.81 2.76	23.68 -4.79 10.08	24.40 -3.99 3.77	25.05 -3.44 0.40
OH_GEN_PROXY 24063	20.67 -2.91 0.63	16.54 -1.99 0.00	16.38 -2.04 0.00	17.28 -2.09 0.00	16.78 -2.01 0.00	20.20 -2.36 0.00	26.85 -3.16 0.00	24.11 -3.01 0.00	23.40 -2.48 0.00	20.02 -2.14 0.00	22.16 -2.51 0.07	24.72 -2.82 0.03	28.10 -3.03 0.48	25.63 -3.09 3.05	20.82 -3.10 7.70	23.75 -2.96 2.85	18.73 -3.00 8.19	21.04 -3.28 8.92	23.16 -4.02 9.98	27.70 -4.22 6.00	35.22 -4.81 2.34	25.94 -4.08 8.53	25.60 -3.37 3.19	25.71 -2.84 0.34
OLIN_CORP_DRP 24177	21.06 -3.15 0.00	16.37 -2.16 0.00	16.21 -2.21 0.00	17.11 -2.27 0.00	16.62 -2.18 0.00	19.97 -2.60 0.00	26.52 -3.49 0.00	23.70 -3.42 0.00	23.01 -2.86 0.00	19.71 -2.46 0.00	21.84 -2.82 0.08	24.31 -3.22 0.03	27.60 -3.45 0.56	24.90 -3.32 3.56	19.38 -3.25 8.98	23.00 -3.23 3.34	17.24 -3.14 9.56	19.33 -3.51 10.41	21.14 -4.38 11.64	26.30 -4.62 7.00	34.30 -5.34 2.72	24.21 -4.40 9.95	25.04 -3.40 3.72	25.48 -3.02 0.40
OLIN_CORP_DSASP 323712	20.95 -3.27 0.00	16.34 -2.19 0.00	16.19 -2.23 0.00	17.08 -2.29 0.00	16.59 -2.21 0.00	19.73 -2.83 0.00	26.28 -3.74 0.00	23.53 -3.60 0.00	22.89 -2.98 0.00	19.64 -2.53 0.00	21.72 -2.94 0.08	24.20 -3.34 0.03	27.40 -3.64 0.57	24.39 -3.77 3.60	18.76 -3.75 9.10	22.65 -3.53 3.39	16.68 -3.57 9.69	18.80 -3.90 10.55	20.69 -4.68 11.80	25.90 -4.92 7.10	33.79 -5.81 2.76	23.68 -4.79 10.08	24.40 -3.99 3.77	25.05 -3.44 0.40
ONEIDA_HERK_LFGE 323681	24.49 0.28 0.00	18.73 0.20 0.00	18.62 0.20 0.00	19.57 0.19 0.00	18.98 0.19 0.00	22.79 0.23 0.00	30.39 0.38 0.00	27.28 0.15 0.00	25.86 -0.01 0.00	22.08 -0.09 0.00	24.62 -0.12 0.00	27.37 -0.19 0.00	31.33 -0.28 0.00	31.49 -0.28 0.00	31.37 -0.25 0.00	29.33 -0.23 0.00	29.75 -0.18 0.00	33.20 -0.05 0.00	37.28 0.12 0.00	38.30 0.37 0.00	42.95 0.58 0.00	39.09 0.54 0.00	32.65 0.49 0.00	29.30 0.41 0.00
ONEIDA____115KV_TB4 55905	24.54 0.33 0.00	18.77 0.24 0.00	18.67 0.25 0.00	19.63 0.26 0.00	19.04 0.25 0.00	22.90 0.34 0.00	30.49 0.48 0.00	27.36 0.23 0.00	25.95 0.08 0.00	22.16 0.00 0.00	24.77 0.03 0.00	27.60 0.04 0.00	31.68 0.07 0.00	31.82 0.06 0.00	31.69 0.07 0.00	29.63 0.06 0.00	30.00 0.07 0.00	33.50 0.25 0.00	37.59 0.42 0.00	38.56 0.64 0.00	43.23 0.87 0.00	39.35 0.80 0.00	32.79 0.63 0.00	29.38 0.48 0.00
ONONDAGA_REF_OCCRA 23987	23.77 -0.44 0.00	18.21 -0.31 0.00	18.10 -0.32 0.00	19.04 -0.34 0.00	18.48 -0.31 0.00	22.21 -0.35 0.00	29.56 -0.46 0.00	26.67 -0.45 0.00	25.41 -0.47 0.00	21.74 -0.43 0.00	24.26 -0.49 0.00	27.04 -0.52 0.00	31.07 -0.54 0.00	31.24 -0.53 0.00	31.08 -0.54 0.00	29.01 -0.55 0.00	29.39 -0.55 0.00	32.64 -0.61 0.00	36.49 -0.67 0.00	37.32 -0.60 0.00	41.72 -0.64 0.00	37.96 -0.59 0.00	31.64 -0.52 0.00	28.41 -0.48 0.00
ONONDAGA____COGEN 23986	23.78 -0.44 0.00	18.21 -0.31 0.00	18.10 -0.32 0.00	19.05 -0.32 0.00	18.49 -0.30 0.00	22.23 -0.33 0.00	29.59 -0.43 0.00	26.69 -0.43 0.00	25.42 -0.46 0.00	21.75 -0.42 0.00	24.25 -0.49 0.00	27.05 -0.52 0.00	31.08 -0.52 0.00	31.24 -0.53 0.00	31.08 -0.54 0.00	29.01 -0.55 0.00	29.39 -0.54 0.00	32.62 -0.63 0.00	36.47 -0.69 0.00	37.29 -0.63 0.00	41.68 -0.68 0.00	37.93 -0.62 0.00	31.60 -0.56 0.00	28.41 -0.49 0.00
ONTARIO____LFGE 23819	23.80 -0.41 0.00	18.31 -0.21 0.00	18.19 -0.23 0.00	19.18 -0.19 0.00	18.63 -0.16 0.00	22.45 -0.11 0.00	29.90 -0.11 0.00	26.84 -0.28 0.00	25.45 -0.42 0.00	21.68 -0.49 0.00	24.15 -0.69 -0.10	26.81 -0.78 -0.03	31.54 -0.73 -0.66	35.28 -0.71 -4.23	41.56 -0.74 -10.68	32.85 -0.77 -4.06	40.66 -0.64 -11.37	45.03 -0.60 -12.38	50.55 -0.46 -13.85	46.26 0.01 -8.33	45.92 0.31 -3.24	50.59 0.21 -11.83	36.58 -0.01 -4.43	29.23 -0.14 -0.47
ORANGEVILLE_WT_PWR 323706	22.08 -2.13 0.00	17.14 -1.38 0.00	17.00 -1.42 0.00	17.97 -1.40 0.00	17.43 -1.36 0.00	20.98 -1.58 0.00	27.85 -2.16 0.00	24.72 -2.41 0.00	23.78 -2.09 0.00	20.40 -1.77 0.00	22.33 -2.13 0.28	25.06 -2.40 0.10	27.13 -2.52 1.95	16.74 -2.56 12.47	-2.43 -2.53 31.52	15.21 -2.46 11.90	-5.97 -2.37 33.53	-5.75 -2.47 36.52	-6.56 -2.87 40.85	10.60 -2.76 24.57	29.86 -2.94 9.56	0.99 -2.66 34.90	16.72 -2.38 13.06	25.38 -2.12 1.40
ORANGEVILLE____ESR 323794	22.08 -2.13 0.00	17.14 -1.38 0.00	17.00 -1.42 0.00	17.97 -1.40 0.00	17.43 -1.36 0.00	20.98 -1.58 0.00	27.85 -2.16 0.00	24.72 -2.41 0.00	23.78 -2.09 0.00	20.40 -1.77 0.00	22.33 -2.13 0.28	25.06 -2.40 0.10	27.13 -2.52 1.95	16.74 -2.56 12.47	-2.43 -2.53 31.52	15.21 -2.46 11.90	-5.97 -2.37 33.53	-5.75 -2.47 36.52	-6.56 -2.87 40.85	10.60 -2.76 24.57	29.86 -2.94 9.56	0.99 -2.66 34.90	16.72 -2.38 13.06	25.38 -2.12 1.40

OSWEGATCHIE___HYD 24044	23.98 -0.24 0.00	18.36 -0.16 0.00	18.25 -0.18 0.00	19.17 -0.20 0.00	18.60 -0.19 0.00	22.27 -0.29 0.00	29.74 -0.27 0.00	26.60 -0.53 0.00	25.17 -0.70 0.00	21.49 -0.68 0.00	23.85 -0.89 0.00	26.30 -1.27 0.00	30.03 -1.58 0.00	30.15 -1.61 0.00	30.05 -1.57 0.00	28.09 -1.48 0.00	28.49 -1.44 0.00	31.76 -1.49 0.00	35.70 -1.46 0.00	36.79 -1.13 0.00	41.70 -0.66 0.00	37.99 -0.55 0.00	31.83 -0.33 0.00	28.74 -0.15 0.00
OSWEGO___5 23606	23.49 -0.72 0.00	17.99 -0.53 0.00	17.89 -0.53 0.00	18.82 -0.55 0.00	18.26 -0.53 0.00	21.94 -0.62 0.00	29.19 -0.82 0.00	26.35 -0.78 0.00	25.12 -0.75 0.00	21.51 -0.66 0.00	24.00 -0.74 0.00	26.74 -0.82 0.00	30.71 -0.90 0.00	30.86 -0.90 0.00	30.71 -0.91 0.00	28.67 -0.89 0.00	29.01 -0.92 0.00	32.17 -1.08 0.00	35.92 -1.25 0.00	36.69 -1.23 0.00	41.01 -1.36 0.00	37.33 -1.22 0.00	31.14 -1.02 0.00	28.00 -0.89 0.00
OSWEGO___6 23613	23.49 -0.72 0.00	17.99 -0.53 0.00	17.89 -0.53 0.00	18.82 -0.55 0.00	18.26 -0.53 0.00	21.94 -0.62 0.00	29.19 -0.82 0.00	26.35 -0.78 0.00	25.12 -0.75 0.00	21.51 -0.66 0.00	24.00 -0.74 0.00	26.74 -0.82 0.00	30.71 -0.90 0.00	30.86 -0.90 0.00	30.71 -0.91 0.00	28.67 -0.89 0.00	29.01 -0.92 0.00	32.17 -1.08 0.00	35.92 -1.25 0.00	36.69 -1.23 0.00	41.01 -1.36 0.00	37.33 -1.22 0.00	31.14 -1.02 0.00	28.00 -0.89 0.00
OUTOKUMPU-AB___DRP 24206	21.48 -2.73 0.00	16.71 -1.81 0.00	16.55 -1.87 0.00	17.47 -1.91 0.00	16.96 -1.83 0.00	20.33 -2.23 0.00	27.07 -2.94 0.00	24.20 -2.93 0.00	23.50 -2.37 0.00	20.14 -2.03 0.00	22.26 -2.39 0.09	24.82 -2.72 0.03	28.11 -2.90 0.60	25.08 -2.90 3.79	19.14 -2.89 9.59	23.21 -2.79 3.57	16.94 -2.79 10.20	19.11 -3.02 11.11	21.03 -3.71 12.43	26.62 -3.83 7.47	34.98 -4.47 2.91	24.25 -3.68 10.62	25.17 -3.02 3.97	25.83 -2.64 0.42
OXBOW___BTM 323836	21.18 -3.03 0.00	16.50 -2.02 0.00	16.35 -2.08 0.00	17.25 -2.13 0.00	16.75 -2.04 0.00	20.00 -2.56 0.00	26.60 -3.41 0.00	23.84 -3.29 0.00	23.16 -2.71 0.00	19.86 -2.31 0.00	21.97 -2.69 0.08	24.48 -3.05 0.03	27.72 -3.32 0.58	24.72 -3.34 3.70	18.97 -3.30 9.35	22.92 -3.16 3.48	16.83 -3.15 9.95	18.99 -3.42 10.83	20.88 -4.17 12.11	26.25 -4.39 7.29	34.34 -5.19 2.84	23.98 -4.22 10.35	24.76 -3.52 3.87	25.41 -3.07 0.41
OXBOW___ 24026	21.19 -3.02 0.00	16.50 -2.02 0.00	16.34 -2.08 0.00	17.25 -2.13 0.00	16.75 -2.04 0.00	20.00 -2.56 0.00	26.63 -3.38 0.00	23.83 -3.30 0.00	23.16 -2.71 0.00	19.86 -2.31 0.00	21.97 -2.69 0.08	24.48 -3.06 0.03	27.71 -3.32 0.58	24.70 -3.36 3.70	18.92 -3.35 9.35	22.90 -3.19 3.48	16.77 -3.21 9.95	18.93 -3.49 10.83	20.82 -4.22 12.11	26.23 -4.41 7.29	34.35 -5.18 2.84	23.93 -4.27 10.35	24.75 -3.53 3.87	25.41 -3.07 0.41
OXY_CHEM_DSASP 323612	20.95 -3.27 0.00	16.34 -2.19 0.00	16.19 -2.23 0.00	17.08 -2.29 0.00	16.59 -2.21 0.00	19.73 -2.83 0.00	26.28 -3.74 0.00	23.53 -3.60 0.00	22.89 -2.98 0.00	19.64 -2.53 0.00	21.72 -2.94 0.08	24.20 -3.34 0.03	27.40 -3.64 0.57	24.39 -3.77 3.60	18.76 -3.75 9.10	22.65 -3.53 3.39	16.68 -3.57 9.69	18.80 -3.90 10.55	20.69 -4.68 11.80	25.90 -4.92 7.10	33.79 -5.81 2.76	23.68 -4.79 10.08	24.40 -3.99 3.77	25.05 -3.44 0.40
OZONE_PARK_ESR 323760	25.38 1.17 0.00	19.25 0.72 0.00	19.10 0.68 0.00	20.07 0.70 0.00	19.49 0.70 0.00	23.47 0.91 0.00	31.17 1.16 0.00	28.42 1.29 0.00	27.22 1.35 0.00	23.46 1.29 0.00	26.36 1.62 0.00	29.37 1.81 0.00	33.66 2.05 0.00	33.93 2.17 0.00	33.76 2.14 0.00	31.75 2.18 0.00	32.26 2.33 0.00	35.68 2.44 0.00	39.59 2.43 0.00	40.00 2.08 0.00	44.46 2.10 0.00	40.42 1.87 0.00	33.73 1.58 0.00	30.14 1.25 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.95 -3.27 0.00	16.34 -2.19 0.00	16.19 -2.23 0.00	17.08 -2.29 0.00	16.59 -2.21 0.00	19.73 -2.83 0.00	26.28 -3.74 0.00	23.53 -3.60 0.00	22.89 -2.98 0.00	19.64 -2.53 0.00	21.72 -2.94 0.08	24.20 -3.34 0.03	27.40 -3.64 0.57	24.39 -3.77 3.60	18.76 -3.75 9.10	22.65 -3.53 3.39	16.68 -3.57 9.69	18.80 -3.90 10.55	20.69 -4.68 11.80	25.90 -4.92 7.10	33.79 -5.81 2.76	23.68 -4.79 10.08	24.40 -3.99 3.77	25.05 -3.44 0.40
PACKARD___115KV_DUPONT_184 80571	20.95 -3.26 0.00	16.34 -2.19 0.00	16.19 -2.23 0.00	17.08 -2.29 0.00	16.59 -2.21 0.00	19.73 -2.83 0.00	26.24 -3.77 0.00	23.54 -3.59 0.00	22.90 -2.98 0.00	19.64 -2.53 0.00	21.73 -2.94 0.08	24.20 -3.33 0.03	27.41 -3.63 0.57	24.43 -3.73 3.60	18.83 -3.69 9.10	22.68 -3.50 3.39	16.73 -3.51 9.69	18.88 -3.82 10.55	20.75 -4.62 11.80	25.92 -4.90 7.10	33.78 -5.82 2.76	23.72 -4.75 10.08	24.42 -3.96 3.77	25.05 -3.44 0.40
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.27 1.06 0.00	19.17 0.64 0.00	19.05 0.62 0.00	20.02 0.64 0.00	19.44 0.64 0.00	23.40 0.84 0.00	31.06 1.04 0.00	28.30 1.17 0.00	27.10 1.22 -0.01	23.34 1.17 -0.01	26.22 1.47 -0.01	29.20 1.63 -0.01	33.44 1.83 0.00	33.72 1.96 0.00	33.57 1.95 0.00	31.52 1.95 0.00	32.04 2.11 0.00	35.32 2.07 0.00	39.15 1.99 0.00	39.61 1.69 0.00	44.06 1.69 0.00	40.07 1.52 0.00	33.48 1.32 0.00	29.95 1.05 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.80 1.58 0.00	19.49 0.97 0.00	19.36 0.94 0.00	20.36 0.99 0.00	19.78 0.99 0.00	23.84 1.28 0.00	31.71 1.69 0.00	28.68 1.55 0.00	27.43 1.55 -0.01	23.63 1.45 -0.01	26.52 1.77 -0.01	29.53 1.96 -0.01	33.78 2.17 0.00	34.02 2.25 0.00	33.88 2.26 0.00	31.79 2.22 0.00	32.28 2.35 0.00	35.59 2.34 0.00	39.47 2.31 0.00	39.89 1.97 0.00	44.38 2.02 0.00	40.36 1.81 0.00	33.73 1.57 0.00	30.17 1.27 0.00
PATROON___115KV_TB1 80586	24.87 0.66 0.00	19.02 0.49 0.00	18.92 0.50 0.00	19.89 0.52 0.00	19.29 0.50 0.00	23.09 0.52 0.00	30.53 0.52 0.00	27.63 0.50 0.00	26.31 0.44 0.00	22.59 0.42 0.00	25.33 0.59 0.00	28.20 0.64 0.00	32.29 0.69 0.00	32.43 0.67 0.00	32.31 0.69 0.00	30.20 0.63 0.00	30.58 0.64 0.00	34.03 0.78 0.00	38.11 0.95 0.00	38.83 0.91 0.00	43.32 0.96 0.00	39.39 0.85 0.00	32.92 0.76 0.00	29.65 0.75 0.00
PATTRSNVILLE___SOLAR 323815	24.83 0.62 0.00	18.98 0.45 0.00	18.88 0.46 0.00	19.86 0.49 0.00	19.26 0.47 0.00	23.12 0.56 0.00	30.72 0.70 0.00	27.59 0.47 0.00	26.14 0.27 0.00	22.40 0.23 0.00	25.13 0.39 0.00	27.93 0.37 0.00	31.97 0.36 0.00	32.08 0.32 0.00	31.90 0.28 0.00	29.85 0.29 0.00	30.24 0.30 0.00	33.67 0.42 0.00	37.87 0.71 0.00	38.89 0.97 0.00	43.61 1.25 0.00	39.71 1.16 0.00	33.09 0.94 0.00	29.67 0.78 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.89 -2.32 0.00	16.99 -1.54 0.00	16.82 -1.60 0.00	17.76 -1.61 0.00	17.25 -1.55 0.00	20.76 -1.80 0.00	27.65 -2.36 0.00	24.75 -2.38 0.00	24.01 -1.86 0.00	20.56 -1.61 0.00	22.73 -1.92 0.09	25.35 -2.18 0.03	28.73 -2.25 0.64	25.50 -2.21 4.06	19.14 -2.23 10.25	23.59 -2.17 3.80	16.86 -2.17 10.91	19.07 -2.30 11.88	20.98 -2.89 13.28	26.95 -2.98 7.99	35.78 -3.48 3.11	24.32 -2.88 11.35	25.51 -2.40 4.25	26.27 -2.17 0.45

PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.24 1.03 0.00	19.19 0.66 0.00	19.06 0.64 0.00	20.03 0.66 0.00	19.45 0.66 0.00	23.40 0.84 0.00	31.14 1.13 0.00	28.32 1.19 0.00	27.10 1.22 0.00	23.31 1.15 0.00	26.15 1.41 0.00	29.14 1.58 0.00	33.43 1.82 0.00	33.69 1.93 0.00	33.52 1.90 0.00	31.46 1.90 0.00	32.00 2.07 0.00	35.48 2.23 0.00	39.46 2.30 0.00	39.98 2.06 0.00	44.47 2.11 0.00	40.42 1.87 0.00	33.69 1.53 0.00	30.10 1.20 0.00
PEEKSKILL____ 23653	25.04 0.83 0.00	19.04 0.51 0.00	18.91 0.49 0.00	19.88 0.50 0.00	19.29 0.49 0.00	23.21 0.64 0.00	30.87 0.86 0.00	28.07 0.94 0.00	26.87 0.99 0.00	23.13 0.96 0.00	25.96 1.22 0.00	28.92 1.36 0.00	33.19 1.58 0.00	33.44 1.67 0.00	33.29 1.67 0.00	31.26 1.69 0.00	31.77 1.85 0.00	35.17 1.93 0.00	39.10 1.94 0.00	39.58 1.66 0.00	44.02 1.66 0.00	40.00 1.45 0.00	33.39 1.23 0.00	29.83 0.94 0.00
PGE MADISON__WINDPWR 24146	25.22 1.00 0.00	19.41 0.88 0.00	19.28 0.85 0.00	20.34 0.97 0.00	19.72 0.93 0.00	23.71 1.15 0.00	31.48 1.47 0.00	28.20 1.08 0.00	26.48 0.61 0.00	22.40 0.23 0.00	24.91 0.15 -0.02	27.93 0.36 -0.01	32.23 0.48 -0.14	33.10 0.41 -0.93	34.53 0.51 -2.40	31.02 0.56 -0.89	33.38 0.89 -2.55	37.22 1.19 -2.78	41.89 1.62 -3.11	42.36 2.57 -1.87	46.39 3.30 -0.73	44.13 2.92 -2.66	35.35 2.20 -0.99	30.74 1.74 -0.11
PIERCEFIELD____HYD 23852	23.99 -0.22 0.00	18.40 -0.12 0.00	18.29 -0.13 0.00	19.24 -0.13 0.00	18.67 -0.12 0.00	22.31 -0.25 0.00	29.75 -0.27 0.00	26.67 -0.46 0.00	25.31 -0.56 0.00	21.60 -0.57 0.00	23.98 -0.76 0.00	26.35 -1.21 0.00	30.09 -1.52 0.00	30.22 -1.54 0.00	30.09 -1.52 0.00	28.16 -1.41 0.00	28.52 -1.42 0.00	31.79 -1.45 0.00	35.70 -1.46 0.00	36.75 -1.18 0.00	41.73 -0.63 0.00	38.01 -0.54 0.00	31.73 -0.43 0.00	28.72 -0.17 0.00
PINELAWN_CC_1 323563	25.79 1.47 -0.11	19.68 0.94 -0.21	19.40 0.97 0.00	20.36 0.98 0.00	19.91 0.99 -0.13	23.79 1.23 0.00	31.64 1.63 0.00	28.64 1.52 0.00	27.36 1.49 0.00	23.65 1.49 0.00	26.50 1.76 0.00	29.43 1.86 0.00	33.68 2.08 0.00	34.01 2.25 0.00	33.70 2.08 0.00	32.07 2.14 -0.36	32.37 2.43 -0.01	36.75 2.66 -0.85	39.53 2.37 0.00	40.10 2.18 0.00	44.79 2.43 0.00	40.86 2.30 0.00	34.19 2.03 0.00	30.53 1.64 0.00
PJM_GEN_HTP_PROXY 323702	23.96 1.00 1.25	19.12 0.59 0.00	19.01 0.58 0.00	19.97 0.59 0.00	19.39 0.60 0.00	23.34 0.78 0.00	30.99 0.98 0.00	28.22 1.09 0.00	27.05 1.17 0.00	23.31 1.14 0.00	26.19 1.45 0.00	29.18 1.62 0.00	33.44 1.83 0.00	33.70 1.93 0.00	33.53 1.91 0.00	31.52 1.95 0.00	32.03 2.10 0.00	35.42 2.17 0.00	39.30 2.14 0.00	39.69 1.77 0.00	44.12 1.76 0.00	40.11 1.56 0.00	33.48 1.32 0.00	29.92 1.03 0.00
PJM_GEN_KEystone 24065	21.51 -0.82 1.88	17.94 -0.58 0.00	17.81 -0.61 0.00	18.77 -0.61 0.00	18.22 -0.58 0.00	21.90 -0.66 0.00	29.13 -0.88 0.00	26.32 -0.81 0.00	25.32 -0.56 0.00	21.75 -0.42 0.00	24.25 -0.46 0.03	27.02 -0.53 0.01	30.94 -0.47 0.19	30.09 -0.44 1.25	28.03 -0.43 3.15	28.11 -0.33 1.12	26.26 -0.32 3.35	29.20 -0.40 3.65	32.38 -0.70 4.08	34.52 -0.95 2.45	40.17 -1.24 0.95	17.81 -1.05 19.68	30.01 -0.84 1.30	27.95 -0.81 0.14
PJM_GEN_NEPTUNE_PROXY 323594	24.11 1.14 1.24	19.24 0.72 0.00	19.15 0.73 0.00	20.11 0.74 0.00	19.54 0.75 0.00	23.48 0.92 0.00	31.22 1.21 0.00	28.30 1.17 0.00	27.06 1.19 0.00	23.41 1.24 0.00	26.24 1.50 0.00	29.18 1.62 0.00	33.42 1.81 0.00	33.73 1.96 0.00	33.40 1.79 0.00	31.74 1.87 -0.30	32.02 2.09 -0.01	36.18 2.21 -0.72	39.12 1.95 0.00	39.66 1.73 0.00	44.25 1.88 0.00	40.32 1.77 0.00	33.73 1.57 0.00	30.15 1.26 0.00
PJM_GEN_VFT_PROXY 323633	23.86 0.89 1.25	19.04 0.52 0.00	18.91 0.49 0.00	19.87 0.50 0.00	19.29 0.50 0.00	23.23 0.67 0.00	30.87 0.85 0.00	28.11 0.98 0.00	26.93 1.05 0.00	23.21 1.04 0.00	26.11 1.36 0.00	29.08 1.52 0.00	33.33 1.73 0.00	33.60 1.83 0.00	33.43 1.81 0.00	31.44 1.87 0.00	31.95 2.02 0.00	35.32 2.08 0.00	39.22 2.06 0.00	39.62 1.69 0.00	44.04 1.67 0.00	40.01 1.46 0.00	33.41 1.26 0.00	29.86 0.97 0.00
PLATSBURG_115KV_PMLD1 355749	24.50 0.29 0.00	18.77 0.25 0.00	18.67 0.25 0.00	19.72 0.35 0.00	19.14 0.35 0.00	22.92 0.35 0.00	30.53 0.52 0.00	27.60 0.48 0.00	26.30 0.43 0.00	22.46 0.30 0.00	24.97 0.22 0.00	27.79 0.23 0.00	31.84 0.23 0.00	32.00 0.23 0.00	31.91 0.30 0.00	29.87 0.30 0.00	30.26 0.33 0.00	33.71 0.46 0.00	37.74 0.58 0.00	38.60 0.67 0.00	43.18 0.82 0.00	39.26 0.71 0.00	32.67 0.51 0.00	29.29 0.40 0.00
PLEASANTVLY____LBMP 24000	25.01 0.80 0.00	19.02 0.50 0.00	18.90 0.48 0.00	19.86 0.49 0.00	19.28 0.49 0.00	23.18 0.62 0.00	30.82 0.81 0.00	28.01 0.89 0.00	26.79 0.92 0.00	23.05 0.89 0.00	25.88 1.14 0.00	28.83 1.27 0.00	33.07 1.46 0.00	33.30 1.53 0.00	33.15 1.54 0.00	31.12 1.56 0.00	31.63 1.70 0.00	35.03 1.78 0.00	38.95 1.79 0.00	39.46 1.54 0.00	43.91 1.55 0.00	39.92 1.37 0.00	33.31 1.16 0.00	29.80 0.91 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	25.15 0.93 0.00	19.10 0.58 0.00	18.99 0.56 0.00	19.95 0.57 0.00	19.36 0.57 0.00	23.29 0.73 0.00	30.97 0.96 0.00	28.17 1.04 0.00	26.97 1.09 0.00	23.23 1.06 0.00	26.07 1.33 0.00	29.05 1.49 0.00	33.32 1.71 0.00	33.57 1.81 0.00	33.40 1.79 0.00	31.37 1.81 0.00	31.89 1.96 0.00	35.30 2.06 0.00	39.23 2.06 0.00	39.69 1.77 0.00	44.14 1.78 0.00	40.12 1.57 0.00	33.49 1.33 0.00	29.94 1.04 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	25.15 0.93 0.00	19.10 0.58 0.00	18.99 0.56 0.00	19.95 0.57 0.00	19.36 0.57 0.00	23.29 0.73 0.00	30.97 0.96 0.00	28.17 1.04 0.00	26.97 1.09 0.00	23.23 1.06 0.00	26.07 1.33 0.00	29.05 1.49 0.00	33.32 1.71 0.00	33.57 1.81 0.00	33.40 1.79 0.00	31.37 1.81 0.00	31.89 1.96 0.00	35.30 2.06 0.00	39.23 2.06 0.00	39.69 1.77 0.00	44.14 1.78 0.00	40.12 1.57 0.00	33.49 1.33 0.00	29.94 1.04 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.17 0.96 0.00	19.15 0.63 0.00	19.03 0.61 0.00	20.00 0.62 0.00	19.41 0.62 0.00	23.34 0.78 0.00	31.06 1.04 0.00	28.21 1.08 0.00	26.95 1.08 0.00	23.17 1.00 0.00	25.98 1.24 0.00	28.95 1.38 0.00	33.22 1.61 0.00	33.46 1.69 0.00	33.29 1.68 0.00	31.24 1.67 0.00	31.78 1.85 0.00	35.24 1.99 0.00	39.26 2.10 0.00	39.84 1.92 0.00	44.34 1.98 0.00	40.30 1.75 0.00	33.59 1.44 0.00	30.04 1.14 0.00
POLETTI____ 23519	25.17 0.96 0.00	19.09 0.56 0.00	18.97 0.55 0.00	19.93 0.55 0.00	19.36 0.57 0.00	23.31 0.75 0.00	30.94 0.93 0.00	28.18 1.06 0.00	27.01 1.14 0.00	23.28 1.11 0.00	26.16 1.41 0.00	29.14 1.58 0.00	33.39 1.78 0.00	33.66 1.89 0.00	33.49 1.87 0.00	31.48 1.91 0.00	31.98 2.05 0.00	35.37 2.12 0.00	39.24 2.08 0.00	39.63 1.71 0.00	44.08 1.71 0.00	40.08 1.53 0.00	33.45 1.29 0.00	29.90 1.01 0.00

POMONA___ESR 323819	25.03 0.82 0.00	19.03 0.50 0.00	18.90 0.48 0.00	19.86 0.48 0.00	19.27 0.48 0.00	23.19 0.63 0.00	30.85 0.84 0.00	28.05 0.93 0.00	26.84 0.97 0.00	23.12 0.95 0.00	25.94 1.20 0.00	28.91 1.35 0.00	33.19 1.59 0.00	33.46 1.69 0.00	33.30 1.69 0.00	31.28 1.71 0.00	31.80 1.87 0.00	35.20 1.96 0.00	39.14 1.98 0.00	39.61 1.69 0.00	44.04 1.68 0.00	40.02 1.47 0.00	33.39 1.23 0.00	29.84 0.95 0.00
PORT_JEFF_3 23555	28.22 1.59 -2.42	24.43 1.06 -4.85	19.50 1.08 0.00	20.48 1.10 0.00	22.88 1.12 -2.97	23.92 1.35 0.00	31.77 1.75 0.00	28.64 1.52 0.00	27.40 1.53 0.00	23.75 1.58 0.00	26.55 1.81 0.00	29.46 1.89 0.00	33.73 2.13 0.00	34.07 2.30 0.00	33.50 1.89 0.00	31.90 2.01 -0.32	32.26 2.33 -0.01	36.70 2.69 -0.76	39.48 2.32 0.00	40.08 2.16 0.00	44.85 2.48 0.00	40.88 2.33 0.00	34.30 2.14 0.00	30.68 1.79 0.00
PORT_JEFF_4 23616	28.22 1.59 -2.42	24.43 1.06 -4.85	19.50 1.08 0.00	20.48 1.10 0.00	22.88 1.12 -2.97	23.92 1.35 0.00	31.77 1.75 0.00	28.64 1.52 0.00	27.40 1.53 0.00	23.75 1.58 0.00	26.55 1.81 0.00	29.46 1.89 0.00	33.73 2.13 0.00	34.07 2.30 0.00	33.50 1.89 0.00	31.90 2.01 -0.32	32.26 2.33 -0.01	36.70 2.69 -0.76	39.48 2.32 0.00	40.08 2.16 0.00	44.85 2.48 0.00	40.88 2.33 0.00	34.30 2.14 0.00	30.68 1.79 0.00
PORT_JEFF_IC 23713	28.39 1.63 -2.55	24.72 1.09 -5.11	19.53 1.10 0.00	20.50 1.13 0.00	23.06 1.14 -3.12	23.95 1.39 0.00	31.80 1.78 0.00	28.67 1.55 0.00	27.44 1.56 0.00	23.77 1.61 0.00	26.58 1.83 0.00	29.49 1.93 0.00	33.77 2.16 0.00	34.11 2.35 0.00	33.54 1.92 0.00	31.94 2.05 -0.32	32.31 2.38 -0.01	36.77 2.76 -0.76	39.55 2.39 0.00	40.14 2.22 0.00	44.92 2.56 0.00	40.93 2.37 0.00	34.35 2.20 0.00	30.72 1.82 0.00
PPL PILGRIM_ST_GT1 24216	26.03 1.60 -0.22	20.00 1.03 -0.44	19.51 1.09 0.00	20.48 1.11 0.00	20.18 1.12 -0.27	23.97 1.41 0.00	31.89 1.87 0.00	28.84 1.71 0.00	27.53 1.66 0.00	23.84 1.67 0.00	26.70 1.96 0.00	29.63 2.07 0.00	33.92 2.31 0.00	34.27 2.50 0.00	33.87 2.26 0.00	32.19 2.30 -0.33	32.55 2.61 -0.01	36.91 2.88 -0.78	39.70 2.53 0.00	40.27 2.35 0.00	45.03 2.67 0.00	41.10 2.55 0.00	34.41 2.25 0.00	30.74 1.85 0.00
PPL PILGRIM_ST_GT2 24217	26.03 1.60 -0.22	20.00 1.03 -0.44	19.51 1.09 0.00	20.48 1.11 0.00	20.18 1.12 -0.27	23.97 1.41 0.00	31.89 1.87 0.00	28.84 1.71 0.00	27.53 1.66 0.00	23.84 1.67 0.00	26.70 1.96 0.00	29.63 2.07 0.00	33.92 2.31 0.00	34.27 2.50 0.00	33.87 2.26 0.00	32.19 2.30 -0.33	32.55 2.61 -0.01	36.91 2.88 -0.78	39.70 2.53 0.00	40.27 2.35 0.00	45.03 2.67 0.00	41.10 2.55 0.00	34.41 2.25 0.00	30.74 1.85 0.00
PPL_SHRM_GT3 24213	28.33 1.71 -2.40	24.50 1.17 -4.81	19.60 1.18 0.00	20.59 1.21 0.00	22.97 1.23 -2.95	24.02 1.46 0.00	31.82 1.81 0.00	28.54 1.41 0.00	27.43 1.55 0.00	23.79 1.63 0.00	26.57 1.83 0.00	29.43 1.87 0.00	33.72 2.11 0.00	34.08 2.31 0.00	33.31 1.70 0.00	31.81 1.92 -0.32	32.19 2.25 -0.01	36.81 2.81 -0.76	39.47 2.31 0.00	40.10 2.17 0.00	44.99 2.63 0.00	40.79 2.24 0.00	34.38 2.22 0.00	30.86 1.96 0.00
PPL_SHRM_GT4 24214	28.33 1.71 -2.40	24.50 1.17 -4.81	19.60 1.18 0.00	20.59 1.21 0.00	22.97 1.23 -2.95	24.02 1.46 0.00	31.82 1.81 0.00	28.54 1.41 0.00	27.43 1.55 0.00	23.79 1.63 0.00	26.57 1.83 0.00	29.43 1.87 0.00	33.72 2.11 0.00	34.08 2.31 0.00	33.31 1.70 0.00	31.81 1.92 -0.32	32.19 2.25 -0.01	36.81 2.81 -0.76	39.47 2.31 0.00	40.10 2.17 0.00	44.99 2.63 0.00	40.79 2.24 0.00	34.38 2.22 0.00	30.86 1.96 0.00
PROJECT___ORANGE 1 24174	23.67 -0.54 0.00	18.13 -0.39 0.00	18.02 -0.40 0.00	18.96 -0.42 0.00	18.40 -0.39 0.00	22.11 -0.45 0.00	29.43 -0.59 0.00	26.56 -0.57 0.00	25.33 -0.55 0.00	21.68 -0.49 0.00	24.18 -0.56 0.00	26.97 -0.60 0.00	30.99 -0.63 0.00	31.15 -0.61 0.00	30.98 -0.63 0.00	28.93 -0.63 0.00	29.28 -0.65 0.00	32.51 -0.73 0.00	36.32 -0.84 0.00	37.11 -0.82 0.00	41.44 -0.92 0.00	37.71 -0.84 0.00	31.44 -0.72 0.00	28.24 -0.65 0.00
PROJECT___ORANGE 2 24166	23.67 -0.54 0.00	18.13 -0.39 0.00	18.02 -0.40 0.00	18.96 -0.42 0.00	18.40 -0.39 0.00	22.11 -0.45 0.00	29.43 -0.59 0.00	26.56 -0.57 0.00	25.33 -0.55 0.00	21.68 -0.49 0.00	24.18 -0.56 0.00	26.97 -0.60 0.00	30.99 -0.63 0.00	31.15 -0.61 0.00	30.98 -0.63 0.00	28.93 -0.63 0.00	29.28 -0.65 0.00	32.51 -0.73 0.00	36.32 -0.84 0.00	37.11 -0.82 0.00	41.44 -0.92 0.00	37.71 -0.84 0.00	31.44 -0.72 0.00	28.24 -0.65 0.00
PUCKETT___SOLAR 323809	24.23 0.01 0.00	18.62 0.10 0.00	18.49 0.07 0.00	19.46 0.09 0.00	18.86 0.07 0.00	22.69 0.13 0.00	30.11 0.09 0.00	27.18 0.05 0.00	25.79 -0.08 0.00	21.98 -0.19 0.00	24.47 -0.29 -0.02	27.30 -0.27 0.00	31.60 -0.12 -0.11	32.35 -0.15 -0.73	33.29 -0.21 -1.88	30.03 -0.22 -0.69	31.91 -0.02 -2.01	35.50 0.07 -2.18	39.94 0.34 -2.44	39.98 0.59 -1.47	43.71 0.78 -0.57	41.31 0.68 -2.09	33.43 0.49 -0.78	29.32 0.34 -0.08
PYRITES___HYD 24023	24.46 0.24 0.00	18.80 0.27 0.00	18.67 0.25 0.00	19.64 0.26 0.00	19.06 0.27 0.00	22.81 0.25 0.00	30.38 0.36 0.00	27.05 -0.08 0.00	25.67 -0.20 0.00	21.89 -0.27 0.00	24.34 -0.40 0.00	26.82 -0.75 0.00	30.64 -0.97 0.00	30.78 -0.99 0.00	30.64 -0.98 0.00	28.69 -0.88 0.00	29.00 -0.93 0.00	32.34 -0.90 0.00	36.32 -0.84 0.00	37.54 -0.38 0.00	42.78 0.42 0.00	39.03 0.48 0.00	32.53 0.37 0.00	29.35 0.46 0.00
QUAKERRD_115KV_BK1 80622	22.41 -1.80 0.00	17.24 -1.29 0.00	17.10 -1.33 0.00	18.01 -1.36 0.00	17.49 -1.30 0.00	21.05 -1.51 0.00	28.04 -1.98 0.00	25.24 -1.89 0.00	24.20 -1.67 0.00	20.70 -1.47 0.00	23.01 -1.71 0.02	25.64 -1.92 0.01	29.38 -2.10 0.13	28.77 -2.16 0.84	27.32 -2.18 2.11	26.73 -2.07 0.77	25.58 -2.11 2.25	28.53 -2.27 2.45	31.83 -2.59 2.74	33.70 -2.57 1.65	38.86 -2.87 0.64	33.64 -2.57 2.34	29.09 -2.19 0.87	26.92 -1.88 0.09
QUENSBRY_115KV_TB8 356137	25.17 0.96 0.00	19.19 0.66 0.00	19.06 0.63 0.00	20.06 0.68 0.00	19.49 0.69 0.00	23.47 0.91 0.00	31.20 1.18 0.00	28.21 1.08 0.00	26.82 0.94 0.00	22.92 0.75 0.00	25.61 0.87 0.00	28.41 0.85 0.00	32.54 0.93 0.00	32.66 0.89 0.00	32.44 0.82 0.00	30.44 0.87 0.00	30.81 0.88 0.00	34.43 1.18 0.00	38.85 1.69 0.00	39.74 1.82 0.00	44.34 1.98 0.00	40.35 1.80 0.00	33.56 1.40 0.00	30.03 1.14 0.00
RAMAPO___LBMP 323565	24.93 0.71 0.00	18.95 0.42 0.00	18.82 0.40 0.00	19.78 0.41 0.00	19.20 0.41 0.00	23.10 0.54 0.00	30.73 0.71 0.00	27.94 0.81 0.00	26.73 0.86 0.00	23.01 0.85 0.00	25.81 1.07 0.00	28.77 1.20 0.00	33.04 1.43 0.00	33.30 1.54 0.00	33.15 1.53 0.00	31.12 1.55 0.00	31.63 1.70 0.00	35.01 1.77 0.00	38.94 1.78 0.00	39.43 1.51 0.00	43.85 1.48 0.00	39.84 1.29 0.00	33.25 1.09 0.00	29.72 0.82 0.00

RAVENSWOOD_GT_7 24255	25.22 1.00 0.00	19.13 0.61 0.00	19.00 0.58 0.00	19.97 0.59 0.00	19.38 0.59 0.00	23.34 0.78 0.00	30.97 0.96 0.00	28.23 1.10 0.00	27.05 1.17 -0.01	23.32 1.15 -0.01	26.20 1.45 -0.01	29.19 1.62 -0.01	33.43 1.82 0.00	33.71 1.93 0.00	33.53 1.91 0.00	31.52 1.95 0.00	32.02 2.09 0.00	35.39 2.15 0.00	39.26 2.10 0.00	39.67 1.75 0.00	44.09 1.73 0.00	40.10 1.56 0.00	33.48 1.32 0.00	29.94 1.04 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.19 0.98 0.00	19.10 0.57 0.00	18.97 0.55 0.00	19.95 0.57 0.00	19.37 0.58 0.00	23.32 0.76 0.00	30.96 0.95 0.00	28.20 1.08 0.00	27.02 1.15 0.00	23.29 1.12 0.00	26.16 1.42 0.00	29.15 1.59 0.00	33.40 1.79 0.00	33.67 1.91 0.00	33.50 1.88 0.00	31.49 1.93 0.00	32.00 2.07 0.00	35.39 2.14 0.00	39.27 2.10 0.00	39.65 1.73 0.00	44.09 1.73 0.00	40.09 1.54 0.00	33.47 1.32 0.00	29.92 1.02 0.00
RAVENSWOOD_GT_9 24257	25.19 0.98 0.00	19.10 0.57 0.00	18.97 0.55 0.00	19.95 0.57 0.00	19.37 0.58 0.00	23.32 0.76 0.00	30.96 0.95 0.00	28.20 1.08 0.00	27.02 1.15 0.00	23.29 1.12 0.00	26.16 1.42 0.00	29.15 1.59 0.00	33.40 1.79 0.00	33.67 1.91 0.00	33.50 1.88 0.00	31.49 1.93 0.00	32.00 2.07 0.00	35.39 2.14 0.00	39.27 2.10 0.00	39.65 1.73 0.00	44.09 1.73 0.00	40.09 1.54 0.00	33.47 1.32 0.00	29.92 1.02 0.00
RAVENSWOOD___1 23533	25.26 1.04 0.00	19.16 0.63 0.00	19.03 0.61 0.00	20.00 0.62 0.00	19.42 0.63 0.00	23.38 0.82 0.00	31.03 1.01 0.00	28.28 1.15 0.00	27.11 1.23 -0.01	23.37 1.20 -0.01	26.26 1.51 -0.01	29.25 1.68 -0.01	33.47 1.86 0.00	33.74 1.97 0.00	33.58 1.96 0.00	31.56 2.00 0.00	32.07 2.13 0.00	35.41 2.17 0.00	39.27 2.11 0.00	39.67 1.75 0.00	44.09 1.73 0.00	40.11 1.56 0.00	33.48 1.33 0.00	29.97 1.07 0.00
RAVENSWOOD___2 23534	25.26 1.04 0.00	19.16 0.63 0.00	19.03 0.61 0.00	20.00 0.62 0.00	19.42 0.63 0.00	23.38 0.82 0.00	31.03 1.01 0.00	28.28 1.15 0.00	27.11 1.23 -0.01	23.37 1.20 -0.01	26.26 1.51 -0.01	29.25 1.68 -0.01	33.47 1.86 0.00	33.74 1.97 0.00	33.58 1.96 0.00	31.56 2.00 0.00	32.07 2.13 0.00	35.41 2.17 0.00	39.27 2.11 0.00	39.67 1.75 0.00	44.09 1.73 0.00	40.11 1.56 0.00	33.48 1.33 0.00	29.97 1.07 0.00
RAVENSWOOD___3 23535	25.20 0.99 0.00	19.12 0.59 0.00	18.99 0.57 0.00	19.95 0.58 0.00	19.37 0.58 0.00	23.32 0.76 0.00	30.98 0.96 0.00	28.20 1.07 0.00	27.02 1.15 0.00	23.29 1.12 0.00	26.17 1.43 0.00	29.15 1.59 0.00	33.40 1.80 0.00	33.66 1.90 0.00	33.49 1.88 0.00	31.49 1.92 0.00	32.00 2.07 0.00	35.37 2.13 0.00	39.26 2.09 0.00	39.66 1.74 0.00	44.09 1.73 0.00	40.08 1.53 0.00	33.46 1.30 0.00	29.92 1.02 0.00
RAVENSWOOD___4 23820	25.26 1.04 0.00	19.16 0.63 0.00	19.03 0.61 0.00	20.00 0.62 0.00	19.42 0.63 0.00	23.38 0.82 0.00	31.03 1.01 0.00	28.28 1.15 0.00	27.11 1.23 -0.01	23.37 1.20 -0.01	26.26 1.51 -0.01	29.25 1.68 -0.01	33.47 1.86 0.00	33.74 1.97 0.00	33.58 1.96 0.00	31.56 2.00 0.00	32.07 2.13 0.00	35.41 2.17 0.00	39.27 2.11 0.00	39.67 1.75 0.00	44.09 1.73 0.00	40.11 1.56 0.00	33.48 1.33 0.00	29.97 1.07 0.00
RCPL_TRUST___DRP 24196	25.21 1.00 0.00	19.12 0.59 0.00	19.01 0.58 0.00	19.97 0.59 0.00	19.39 0.60 0.00	23.34 0.78 0.00	30.98 0.97 0.00	28.22 1.10 0.00	27.04 1.17 0.00	23.31 1.15 0.00	26.19 1.45 0.00	29.19 1.63 0.00	33.45 1.84 0.00	33.71 1.95 0.00	33.54 1.92 0.00	31.52 1.96 0.00	32.03 2.10 0.00	35.43 2.18 0.00	39.31 2.14 0.00	39.69 1.77 0.00	44.13 1.76 0.00	40.11 1.57 0.00	33.48 1.32 0.00	29.92 1.03 0.00
RED___ROCHESTER 323720	22.78 -1.43 0.00	17.54 -0.98 0.00	17.39 -1.04 0.00	18.31 -1.06 0.00	17.79 -1.00 0.00	21.42 -1.14 0.00	28.52 -1.49 0.00	25.67 -1.46 0.00	24.66 -1.21 0.00	21.09 -1.08 0.00	23.44 -1.28 0.02	26.11 -1.44 0.01	29.97 -1.51 0.13	29.36 -1.56 0.85	27.88 -1.58 2.15	27.28 -1.51 0.78	26.13 -1.51 2.29	29.19 -1.56 2.50	32.52 -1.85 2.79	34.42 -1.82 1.68	39.66 -2.05 0.65	34.40 -1.77 2.39	29.72 -1.55 0.89	27.48 -1.32 0.09
REGAN___SOLAR 323812	25.14 0.93 0.00	19.23 0.71 0.00	19.14 0.72 0.00	20.12 0.75 0.00	19.51 0.72 0.00	23.47 0.91 0.00	31.23 1.21 0.00	27.89 0.76 0.00	26.04 0.17 0.00	21.94 -0.22 0.00	24.63 -0.11 0.00	27.48 -0.09 0.00	31.37 -0.24 0.00	31.50 -0.27 0.00	31.18 -0.44 0.00	29.16 -0.40 0.00	29.62 -0.31 0.00	32.98 -0.26 0.00	37.53 0.37 0.00	39.22 1.30 0.00	44.40 2.04 0.00	40.49 1.94 0.00	33.68 1.52 0.00	30.14 1.25 0.00
RENSSELAER___COGEN 23796	24.78 0.57 0.00	18.94 0.42 0.00	18.85 0.43 0.00	19.82 0.44 0.00	19.21 0.42 0.00	23.00 0.44 0.00	30.42 0.40 0.00	27.52 0.39 0.00	26.20 0.33 0.00	22.50 0.33 0.00	25.22 0.48 0.00	28.08 0.52 0.00	32.15 0.54 0.00	32.27 0.51 0.00	32.16 0.54 0.00	30.05 0.49 0.00	30.41 0.48 0.00	33.82 0.57 0.00	37.88 0.72 0.00	38.60 0.68 0.00	43.07 0.70 0.00	39.18 0.62 0.00	32.74 0.58 0.00	29.50 0.61 0.00
REPUBLIC_115KV_BARTNBRK 55605	25.76 1.55 0.00	19.58 1.05 0.00	19.40 0.97 0.00	20.50 1.13 0.00	19.93 1.13 0.00	24.10 1.54 0.00	32.01 1.99 0.00	28.96 1.84 0.00	27.45 1.58 0.00	23.34 1.18 0.00	25.93 1.19 0.00	28.85 1.29 0.00	33.02 1.41 0.00	33.11 1.35 0.00	32.90 1.28 0.00	31.06 1.50 0.00	31.46 1.53 0.00	35.22 1.97 0.00	39.82 2.65 0.00	40.59 2.66 0.00	45.23 2.87 0.00	41.32 2.77 0.00	34.35 2.19 0.00	30.70 1.80 0.00
REVERE_CPPR_DRP 24186	24.75 0.54 0.00	18.91 0.39 0.00	18.81 0.39 0.00	19.78 0.40 0.00	19.18 0.39 0.00	23.06 0.50 0.00	30.74 0.73 0.00	27.54 0.42 0.00	26.08 0.20 0.00	22.23 0.07 0.00	24.87 0.13 0.00	27.68 0.12 0.00	31.73 0.12 0.00	31.87 0.10 0.00	31.77 0.16 0.00	29.69 0.12 0.00	30.10 0.17 0.00	33.65 0.40 0.00	37.86 0.70 0.00	38.91 0.99 0.00	43.62 1.26 0.00	39.73 1.17 0.00	33.08 0.93 0.00	29.61 0.72 0.00
REYNLDDPA_13_KV_LD 356490	24.38 0.17 0.00	18.69 0.17 0.00	18.59 0.16 0.00	19.56 0.19 0.00	18.97 0.18 0.00	22.77 0.21 0.00	30.37 0.35 0.00	27.41 0.28 0.00	26.16 0.29 0.00	22.37 0.20 0.00	24.87 0.13 0.00	27.67 0.10 0.00	31.69 0.08 0.00	31.84 0.08 0.00	31.69 0.07 0.00	29.66 0.10 0.00	30.01 0.08 0.00	33.42 0.18 0.00	37.43 0.27 0.00	38.28 0.36 0.00	42.85 0.49 0.00	38.95 0.39 0.00	32.50 0.34 0.00	29.24 0.35 0.00
REYNOLDS_115KV_TB3 80639	24.92 0.71 0.00	19.04 0.52 0.00	18.95 0.52 0.00	19.92 0.54 0.00	19.32 0.53 0.00	23.14 0.58 0.00	30.64 0.63 0.00	27.73 0.61 0.00	26.42 0.55 0.00	22.69 0.52 0.00	25.44 0.70 0.00	28.32 0.76 0.00	32.42 0.81 0.00	32.56 0.79 0.00	32.45 0.83 0.00	30.33 0.76 0.00	30.67 0.74 0.00	34.11 0.86 0.00	38.22 1.06 0.00	38.92 0.99 0.00	43.44 1.07 0.00	39.52 0.97 0.00	33.01 0.85 0.00	29.69 0.79 0.00

RIVERBAY____ 323610	25.80 1.58 0.00	19.49 0.97 0.00	19.36 0.94 0.00	20.36 0.99 0.00	19.78 0.99 0.00	23.84 1.28 0.00	31.71 1.69 0.00	28.68 1.55 0.00	27.43 1.55 -0.01	23.63 1.45 -0.01	26.52 1.77 -0.01	29.53 1.96 -0.01	33.78 2.17 0.00	34.02 2.25 0.00	33.88 2.26 0.00	31.79 2.22 0.00	32.28 2.35 0.00	35.59 2.34 0.00	39.47 2.31 0.00	39.89 1.97 0.00	44.38 2.02 0.00	40.36 1.81 0.00	33.73 1.57 0.00	30.17 1.27 0.00
RIVERSIDE_115KV_TB3 55908	24.87 0.66 0.00	19.01 0.48 0.00	18.91 0.49 0.00	19.88 0.50 0.00	19.28 0.49 0.00	23.08 0.52 0.00	30.54 0.52 0.00	27.64 0.51 0.00	26.32 0.45 0.00	22.61 0.44 0.00	25.34 0.60 0.00	28.22 0.66 0.00	32.31 0.70 0.00	32.44 0.67 0.00	32.32 0.71 0.00	30.22 0.66 0.00	30.58 0.64 0.00	34.01 0.76 0.00	38.10 0.93 0.00	38.81 0.89 0.00	43.30 0.94 0.00	39.39 0.84 0.00	32.91 0.75 0.00	29.62 0.73 0.00
ROARING____BROOK_WT_PWR 323790	24.17 -0.04 0.00	18.51 -0.02 0.00	18.40 -0.02 0.00	19.34 -0.04 0.00	18.75 -0.05 0.00	22.48 -0.08 0.00	29.98 -0.04 0.00	27.10 -0.02 0.00	25.86 -0.02 0.00	22.14 -0.03 0.00	24.65 -0.09 0.00	27.46 -0.10 0.00	31.49 -0.12 0.00	31.64 -0.13 0.00	31.49 -0.12 0.00	29.45 -0.12 0.00	29.82 -0.11 0.00	33.16 -0.09 0.00	37.07 -0.09 0.00	37.86 -0.06 0.00	42.28 -0.09 0.00	38.44 -0.11 0.00	32.07 -0.09 0.00	28.86 -0.04 0.00
ROCHESRG_115KV_T4 355643	22.53 -1.68 0.00	17.36 -1.17 0.00	17.22 -1.21 0.00	18.14 -1.24 0.00	17.62 -1.18 0.00	21.20 -1.36 0.00	28.25 -1.77 0.00	25.40 -1.73 0.00	24.41 -1.46 0.00	20.88 -1.29 0.00	23.21 -1.52 0.02	25.85 -1.70 0.01	29.64 -1.82 0.15	28.91 -1.90 0.96	27.28 -1.93 2.41	26.86 -1.82 0.88	25.50 -1.87 2.57	28.45 -2.00 2.80	31.67 -2.36 3.13	33.68 -2.36 1.88	39.01 -2.62 0.73	33.58 -2.30 2.67	29.21 -1.95 1.00	27.15 -1.64 0.11
ROCHESTER_9_IC 23652	22.70 -1.51 0.00	17.49 -1.04 0.00	17.33 -1.09 0.00	18.25 -1.12 0.00	17.74 -1.05 0.00	21.35 -1.21 0.00	28.45 -1.56 0.00	25.58 -1.54 0.00	24.58 -1.29 0.00	21.02 -1.15 0.00	23.36 -1.36 0.02	26.02 -1.53 0.01	29.86 -1.62 0.13	29.27 -1.69 0.81	27.85 -1.72 2.05	27.20 -1.63 0.74	26.10 -1.66 2.18	29.13 -1.75 2.37	32.46 -2.05 2.66	34.31 -2.02 1.60	39.50 -2.24 0.62	34.32 -1.97 2.27	29.62 -1.69 0.85	27.37 -1.43 0.09
ROCKVIEW_13_KV_LD 356306	25.23 1.02 0.00	19.15 0.63 0.00	19.02 0.61 0.00	19.99 0.61 0.00	19.41 0.61 0.00	23.36 0.80 0.00	31.06 1.04 0.00	28.28 1.15 0.00	27.08 1.21 0.00	23.32 1.16 0.00	26.20 1.45 0.00	29.19 1.63 0.00	33.47 1.86 0.00	33.73 1.96 0.00	33.54 1.92 0.00	31.52 1.95 0.00	32.05 2.11 0.00	35.45 2.21 0.00	39.39 2.23 0.00	39.83 1.91 0.00	44.31 1.94 0.00	40.28 1.73 0.00	33.62 1.46 0.00	30.03 1.14 0.00
ROME____115KV_TB2 80656	24.75 0.54 0.00	18.91 0.39 0.00	18.81 0.39 0.00	19.78 0.40 0.00	19.18 0.39 0.00	23.06 0.50 0.00	30.74 0.73 0.00	27.54 0.42 0.00	26.08 0.20 0.00	22.23 0.07 0.00	24.87 0.13 0.00	27.68 0.12 0.00	31.73 0.12 0.00	31.87 0.10 0.00	31.77 0.16 0.00	29.69 0.12 0.00	30.10 0.17 0.00	33.65 0.40 0.00	37.86 0.70 0.00	38.91 0.99 0.00	43.62 1.26 0.00	39.73 1.17 0.00	33.08 0.93 0.00	29.61 0.72 0.00
ROSETON____1 23587	24.96 0.75 0.00	18.99 0.47 0.00	18.88 0.46 0.00	19.84 0.46 0.00	19.25 0.46 0.00	23.15 0.59 0.00	30.78 0.77 0.00	27.97 0.84 0.00	26.77 0.90 0.00	23.04 0.87 0.00	25.85 1.11 0.00	28.80 1.24 0.00	33.04 1.43 0.00	33.28 1.51 0.00	33.12 1.51 0.00	31.10 1.53 0.00	31.60 1.67 0.00	35.00 1.75 0.00	38.93 1.77 0.00	39.44 1.52 0.00	43.88 1.52 0.00	39.89 1.34 0.00	33.29 1.13 0.00	29.77 0.88 0.00
ROSETON____2 23588	24.96 0.75 0.00	18.99 0.47 0.00	18.88 0.46 0.00	19.84 0.46 0.00	19.25 0.46 0.00	23.15 0.59 0.00	30.78 0.77 0.00	27.97 0.84 0.00	26.77 0.90 0.00	23.04 0.87 0.00	25.85 1.11 0.00	28.80 1.24 0.00	33.04 1.43 0.00	33.28 1.51 0.00	33.12 1.51 0.00	31.10 1.53 0.00	31.60 1.67 0.00	35.00 1.75 0.00	38.93 1.77 0.00	39.44 1.52 0.00	43.88 1.52 0.00	39.89 1.34 0.00	33.29 1.13 0.00	29.77 0.88 0.00
ROTTDRAM_115KV_TB3 80664	24.75 0.54 0.00	18.90 0.38 0.00	18.81 0.39 0.00	19.78 0.41 0.00	19.19 0.39 0.00	23.03 0.47 0.00	30.61 0.60 0.00	27.64 0.52 0.00	26.31 0.43 0.00	22.55 0.38 0.00	25.25 0.51 0.00	28.10 0.54 0.00	32.20 0.59 0.00	32.34 0.58 0.00	32.18 0.57 0.00	30.11 0.54 0.00	30.48 0.55 0.00	33.91 0.67 0.00	38.01 0.85 0.00	38.81 0.89 0.00	43.38 1.02 0.00	39.48 0.93 0.00	32.92 0.76 0.00	29.53 0.63 0.00
RUSSELL____1 23602	22.78 -1.44 0.00	17.54 -0.98 0.00	17.39 -1.04 0.00	18.31 -1.06 0.00	17.79 -1.00 0.00	21.42 -1.14 0.00	28.55 -1.47 0.00	25.66 -1.46 0.00	24.66 -1.21 0.00	21.09 -1.08 0.00	23.44 -1.29 0.02	26.11 -1.45 0.01	29.96 -1.52 0.13	29.33 -1.58 0.85	27.85 -1.61 2.15	27.26 -1.52 0.78	26.09 -1.55 2.29	29.14 -1.60 2.50	32.49 -1.88 2.79	34.41 -1.83 1.68	39.66 -2.05 0.65	34.38 -1.79 2.39	29.71 -1.56 0.89	27.48 -1.32 0.09
RUSSELL____2 23532	22.78 -1.44 0.00	17.54 -0.98 0.00	17.39 -1.04 0.00	18.31 -1.06 0.00	17.79 -1.00 0.00	21.42 -1.14 0.00	28.55 -1.47 0.00	25.66 -1.46 0.00	24.66 -1.21 0.00	21.09 -1.08 0.00	23.44 -1.29 0.02	26.11 -1.45 0.01	29.96 -1.52 0.13	29.33 -1.58 0.85	27.85 -1.61 2.15	27.26 -1.52 0.78	26.09 -1.55 2.29	29.14 -1.60 2.50	32.49 -1.88 2.79	34.41 -1.83 1.68	39.66 -2.05 0.65	34.38 -1.79 2.39	29.71 -1.56 0.89	27.48 -1.32 0.09
RUSSELL____3 23549	22.78 -1.44 0.00	17.54 -0.98 0.00	17.39 -1.04 0.00	18.31 -1.06 0.00	17.79 -1.00 0.00	21.42 -1.14 0.00	28.55 -1.47 0.00	25.66 -1.46 0.00	24.66 -1.21 0.00	21.09 -1.08 0.00	23.44 -1.29 0.02	26.11 -1.45 0.01	29.96 -1.52 0.13	29.33 -1.58 0.85	27.85 -1.61 2.15	27.26 -1.52 0.78	26.09 -1.55 2.29	29.14 -1.60 2.50	32.49 -1.88 2.79	34.41 -1.83 1.68	39.66 -2.05 0.65	34.38 -1.79 2.39	29.71 -1.56 0.89	27.48 -1.32 0.09
RUSSELL____4 23556	22.78 -1.44 0.00	17.54 -0.98 0.00	17.39 -1.04 0.00	18.31 -1.06 0.00	17.79 -1.00 0.00	21.42 -1.14 0.00	28.55 -1.47 0.00	25.66 -1.46 0.00	24.66 -1.21 0.00	21.09 -1.08 0.00	23.44 -1.29 0.02	26.11 -1.45 0.01	29.96 -1.52 0.13	29.33 -1.58 0.85	27.85 -1.61 2.15	27.26 -1.52 0.78	26.09 -1.55 2.29	29.14 -1.60 2.50	32.49 -1.88 2.79	34.41 -1.83 1.68	39.66 -2.05 0.65	34.38 -1.79 2.39	29.71 -1.56 0.89	27.48 -1.32 0.09
RUSSELL____STATION 23914	22.78 -1.44 0.00	17.54 -0.98 0.00	17.39 -1.04 0.00	18.31 -1.06 0.00	17.79 -1.00 0.00	21.42 -1.14 0.00	28.55 -1.47 0.00	25.66 -1.46 0.00	24.66 -1.21 0.00	21.09 -1.08 0.00	23.44 -1.29 0.02	26.11 -1.45 0.01	29.96 -1.52 0.13	29.33 -1.58 0.85	27.85 -1.61 2.15	27.26 -1.52 0.78	26.09 -1.55 2.29	29.14 -1.60 2.50	32.49 -1.88 2.79	34.41 -1.83 1.68	39.66 -2.05 0.65	34.38 -1.79 2.39	29.71 -1.56 0.89	27.48 -1.32 0.09

S SALMON___HYD 24043	23.65 -0.56 0.00	18.10 -0.42 0.00	17.99 -0.43 0.00	18.90 -0.48 0.00	18.34 -0.45 0.00	22.04 -0.52 0.00	29.45 -0.57 0.00	26.43 -0.70 0.00	25.08 -0.79 0.00	21.45 -0.71 0.00	23.87 -0.87 0.00	26.55 -1.02 0.00	30.44 -1.17 0.00	30.57 -1.20 0.00	30.45 -1.16 0.00	28.44 -1.13 0.00	28.83 -1.10 0.00	32.01 -1.24 0.00	35.81 -1.35 0.00	36.77 -1.15 0.00	41.35 -1.01 0.00	37.66 -0.89 0.00	31.48 -0.68 0.00	28.33 -0.56 0.00
S.PERRY___115KV_TB1 80734	23.26 -0.95 0.00	17.95 -0.57 0.00	17.82 -0.61 0.00	18.79 -0.58 0.00	18.27 -0.53 0.00	22.05 -0.51 0.00	29.38 -0.64 0.00	25.99 -1.14 0.00	24.70 -1.17 0.00	21.09 -1.08 0.00	23.68 -1.34 -0.27	26.15 -1.51 -0.10	32.01 -1.52 -1.92	42.43 -1.60 -12.26	60.99 -1.62 -30.99	39.81 -1.55 -11.80	61.43 -1.47 -32.97	67.73 -1.43 -35.91	75.74 -1.58 -40.17	60.92 -1.15 -24.16	51.13 -0.64 -9.40	72.31 -0.55 -34.32	44.26 -0.74 -12.84	29.51 -0.76 -1.37
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.49 -2.72 0.00	16.70 -1.83 0.00	16.54 -1.89 0.00	17.44 -1.93 0.00	16.95 -1.84 0.00	20.38 -2.18 0.00	27.14 -2.88 0.00	24.29 -2.84 0.00	23.58 -2.29 0.00	20.19 -1.98 0.00	22.31 -2.34 0.09	24.90 -2.63 0.03	28.16 -2.82 0.62	24.94 -2.87 3.95	18.73 -2.91 9.98	23.08 -2.77 3.72	16.50 -2.81 10.62	18.63 -3.05 11.57	20.47 -3.75 12.94	26.26 -3.88 7.78	34.93 -4.40 3.03	23.74 -3.76 11.05	24.94 -3.08 4.14	25.84 -2.61 0.44
SAWYER___23_KV_LOAD 55526	21.49 -2.72 0.00	16.70 -1.83 0.00	16.54 -1.89 0.00	17.44 -1.93 0.00	16.95 -1.84 0.00	20.38 -2.18 0.00	27.14 -2.88 0.00	24.29 -2.84 0.00	23.58 -2.29 0.00	20.19 -1.98 0.00	22.31 -2.34 0.09	24.90 -2.63 0.03	28.16 -2.82 0.62	24.94 -2.87 3.95	18.73 -2.91 9.98	23.08 -2.77 3.72	16.50 -2.81 10.62	18.63 -3.05 11.57	20.47 -3.75 12.94	26.26 -3.88 7.78	34.93 -4.40 3.03	23.74 -3.76 11.05	24.94 -3.08 4.14	25.84 -2.61 0.44
SELKIRK___I 23801	24.86 0.65 0.00	19.01 0.49 0.00	18.92 0.50 0.00	19.90 0.52 0.00	19.30 0.51 0.00	23.13 0.57 0.00	30.61 0.59 0.00	27.60 0.48 0.00	26.22 0.34 0.00	22.51 0.34 0.00	25.22 0.48 0.00	28.09 0.52 0.00	32.16 0.55 0.00	32.30 0.53 0.00	32.20 0.59 0.00	30.04 0.47 0.00	30.47 0.54 0.00	33.86 0.61 0.00	37.97 0.81 0.00	38.77 0.85 0.00	43.33 0.96 0.00	39.42 0.87 0.00	32.92 0.76 0.00	29.62 0.72 0.00
SELKIRK___II 23799	24.76 0.55 0.00	18.92 0.39 0.00	18.82 0.40 0.00	19.80 0.42 0.00	19.19 0.40 0.00	23.00 0.44 0.00	30.47 0.46 0.00	27.57 0.44 0.00	26.25 0.37 0.00	22.53 0.37 0.00	25.25 0.51 0.00	28.12 0.55 0.00	32.20 0.59 0.00	32.35 0.58 0.00	32.22 0.61 0.00	30.13 0.56 0.00	30.50 0.57 0.00	33.89 0.64 0.00	37.95 0.78 0.00	38.66 0.73 0.00	43.14 0.78 0.00	39.24 0.69 0.00	32.78 0.62 0.00	29.49 0.59 0.00
SENECA OSWGO___HYD 24041	23.34 -0.87 0.00	17.87 -0.65 0.00	17.76 -0.66 0.00	18.69 -0.69 0.00	18.13 -0.66 0.00	21.79 -0.77 0.00	29.01 -1.01 0.00	26.19 -0.94 0.00	24.96 -0.91 0.00	21.35 -0.81 0.00	23.82 -0.93 0.00	26.54 -1.02 0.00	30.48 -1.13 0.00	30.63 -1.14 0.00	30.47 -1.14 0.00	28.45 -1.11 0.00	28.78 -1.15 0.00	31.92 -1.33 0.00	35.65 -1.51 0.00	36.48 -1.44 0.00	40.80 -1.56 0.00	37.19 -1.36 0.00	31.03 -1.13 0.00	27.89 -1.00 0.00
SENECA___115KV_TB3 355854	21.86 -2.36 0.00	16.97 -1.56 0.00	16.81 -1.62 0.00	17.75 -1.63 0.00	17.23 -1.56 0.00	20.74 -1.82 0.00	27.59 -2.42 0.00	24.68 -2.45 0.00	23.92 -1.95 0.00	20.50 -1.67 0.00	22.63 -2.00 0.10	25.27 -2.26 0.04	28.55 -2.34 0.71	24.87 -2.36 4.54	17.80 -2.34 11.47	23.01 -2.28 4.27	15.44 -2.28 12.21	17.53 -2.42 13.30	19.25 -3.04 14.87	25.86 -3.12 8.95	35.29 -3.60 3.48	22.84 -3.01 12.71	24.87 -2.53 4.76	26.18 -2.20 0.51
SENECA___ENERGY 23797	23.77 -0.44 0.00	18.25 -0.28 0.00	18.12 -0.30 0.00	19.11 -0.26 0.00	18.57 -0.22 0.00	22.36 -0.20 0.00	29.76 -0.26 0.00	26.76 -0.36 0.00	25.38 -0.49 0.00	21.68 -0.49 0.00	24.14 -0.64 -0.04	26.86 -0.71 -0.01	31.18 -0.71 -0.28	32.88 -0.69 -1.80	35.45 -0.73 -4.56	30.56 -0.74 -1.74	34.12 -0.67 -4.86	37.84 -0.70 -5.29	42.49 -0.59 -5.92	41.17 -0.31 -3.56	43.59 -0.15 -1.38	43.47 -0.13 -5.05	33.79 -0.26 -1.89	28.81 -0.29 -0.20
SHOEMAKER___GT 23640	24.84 0.63 0.00	18.93 0.40 0.00	18.81 0.39 0.00	19.77 0.39 0.00	19.19 0.39 0.00	23.07 0.50 0.00	30.67 0.65 0.00	27.82 0.69 0.00	26.55 0.68 0.00	22.81 0.65 0.00	25.55 0.81 0.00	28.46 0.90 0.00	32.68 1.07 0.00	32.91 1.15 0.00	32.75 1.14 0.00	30.73 1.17 0.00	31.23 1.30 0.00	34.64 1.39 0.00	38.59 1.43 0.00	39.21 1.28 0.00	43.68 1.32 0.00	39.71 1.16 0.00	33.12 0.97 0.00	29.63 0.74 0.00
SHOEMAKR_138KV_BK 111 55601	24.84 0.62 0.00	18.91 0.39 0.00	18.80 0.38 0.00	19.76 0.38 0.00	19.18 0.39 0.00	23.05 0.49 0.00	30.64 0.63 0.00	27.81 0.68 0.00	26.56 0.69 0.00	22.83 0.66 0.00	25.57 0.83 0.00	28.49 0.93 0.00	32.71 1.10 0.00	32.95 1.18 0.00	32.79 1.18 0.00	30.76 1.20 0.00	31.26 1.33 0.00	34.67 1.42 0.00	38.61 1.45 0.00	39.20 1.28 0.00	43.66 1.30 0.00	39.69 1.14 0.00	33.12 0.96 0.00	29.63 0.73 0.00
SHOREHAM_IC_1 23715	28.33 1.71 -2.40	24.50 1.17 -4.81	19.60 1.18 0.00	20.59 1.21 0.00	22.97 1.23 -2.95	24.02 1.46 0.00	31.82 1.81 0.00	28.54 1.41 0.00	27.43 1.55 0.00	23.79 1.63 0.00	26.57 1.83 0.00	29.43 1.87 0.00	33.72 2.11 0.00	34.08 2.31 0.00	33.31 1.70 0.00	31.81 1.92 -0.32	32.19 2.25 -0.01	36.81 2.81 -0.76	39.47 2.31 0.00	40.10 2.17 0.00	44.99 2.63 0.00	40.79 2.24 0.00	34.38 2.22 0.00	30.86 1.96 0.00
SHOREHAM_IC_2 23716	28.33 1.71 -2.40	24.50 1.17 -4.81	19.60 1.18 0.00	20.59 1.21 0.00	22.97 1.23 -2.95	24.02 1.46 0.00	31.82 1.81 0.00	28.54 1.41 0.00	27.43 1.55 0.00	23.79 1.63 0.00	26.57 1.83 0.00	29.43 1.87 0.00	33.72 2.11 0.00	34.08 2.31 0.00	33.31 1.70 0.00	31.81 1.92 -0.32	32.19 2.25 -0.01	36.81 2.81 -0.76	39.47 2.31 0.00	40.10 2.17 0.00	44.99 2.63 0.00	40.79 2.24 0.00	34.38 2.22 0.00	30.86 1.96 0.00
SISSONVILLE___ 23735	23.99 -0.22 0.00	18.40 -0.12 0.00	18.29 -0.13 0.00	19.24 -0.13 0.00	18.67 -0.12 0.00	22.31 -0.25 0.00	29.75 -0.27 0.00	26.67 -0.46 0.00	25.31 -0.56 0.00	21.60 -0.57 0.00	23.98 -0.76 0.00	26.35 -1.21 0.00	30.09 -1.52 0.00	30.22 -1.54 0.00	30.09 -1.52 0.00	28.16 -1.41 0.00	28.52 -1.42 0.00	31.79 -1.45 0.00	35.70 -1.46 0.00	36.75 -1.18 0.00	41.73 -0.63 0.00	38.01 -0.54 0.00	31.73 -0.43 0.00	28.72 -0.17 0.00
SITHE_IND_GS1 24169	23.36 -0.85 0.00	17.89 -0.63 0.00	17.78 -0.64 0.00	18.71 -0.66 0.00	18.15 -0.64 0.00	21.82 -0.74 0.00	29.02 -1.00 0.00	26.20 -0.93 0.00	24.98 -0.89 0.00	21.39 -0.78 0.00	23.87 -0.87 0.00	26.59 -0.97 0.00	30.54 -1.07 0.00	30.69 -1.08 0.00	30.54 -1.08 0.00	28.50 -1.06 0.00	28.80 -1.13 0.00	31.91 -1.34 0.00	35.60 -1.57 0.00	36.35 -1.57 0.00	40.59 -1.78 0.00	36.95 -1.60 0.00	30.85 -1.31 0.00	27.76 -1.14 0.00

SITHE_IND_GS2 24170	23.36 -0.85 0.00	17.89 -0.63 0.00	17.78 -0.64 0.00	18.71 -0.66 0.00	18.15 -0.64 0.00	21.82 -0.74 0.00	29.02 -1.00 0.00	26.20 -0.93 0.00	24.98 -0.89 0.00	21.39 -0.78 0.00	23.87 -0.87 0.00	26.59 -0.97 0.00	30.54 -1.07 0.00	30.69 -1.08 0.00	30.54 -1.08 0.00	28.50 -1.06 0.00	28.80 -1.13 0.00	31.91 -1.34 0.00	35.60 -1.57 0.00	36.35 -1.57 0.00	40.59 -1.78 0.00	36.95 -1.60 0.00	30.85 -1.31 0.00	27.76 -1.14 0.00
SITHE_IND_GS3 24171	23.36 -0.85 0.00	17.89 -0.63 0.00	17.78 -0.64 0.00	18.71 -0.66 0.00	18.15 -0.64 0.00	21.82 -0.74 0.00	29.02 -1.00 0.00	26.20 -0.93 0.00	24.98 -0.89 0.00	21.39 -0.78 0.00	23.87 -0.87 0.00	26.59 -0.97 0.00	30.54 -1.07 0.00	30.69 -1.08 0.00	30.54 -1.08 0.00	28.50 -1.06 0.00	28.80 -1.13 0.00	31.91 -1.34 0.00	35.60 -1.57 0.00	36.35 -1.57 0.00	40.59 -1.78 0.00	36.95 -1.60 0.00	30.85 -1.31 0.00	27.76 -1.14 0.00
SITHE_IND_GS4 24172	23.36 -0.85 0.00	17.89 -0.63 0.00	17.78 -0.64 0.00	18.71 -0.66 0.00	18.15 -0.64 0.00	21.82 -0.74 0.00	29.02 -1.00 0.00	26.20 -0.93 0.00	24.98 -0.89 0.00	21.39 -0.78 0.00	23.87 -0.87 0.00	26.59 -0.97 0.00	30.54 -1.07 0.00	30.69 -1.08 0.00	30.54 -1.08 0.00	28.50 -1.06 0.00	28.80 -1.13 0.00	31.91 -1.34 0.00	35.60 -1.57 0.00	36.35 -1.57 0.00	40.59 -1.78 0.00	36.95 -1.60 0.00	30.85 -1.31 0.00	27.76 -1.14 0.00
SITHE___BATAVIA 24024	22.25 -1.96 0.00	17.22 -1.31 0.00	17.06 -1.37 0.00	17.98 -1.39 0.00	17.48 -1.31 0.00	21.07 -1.50 0.00	28.01 -2.00 0.00	24.99 -2.14 0.00	23.94 -1.93 0.00	20.41 -1.76 0.00	22.61 -2.08 0.06	25.19 -2.35 0.02	28.70 -2.52 0.39	26.82 -2.49 2.45	22.98 -2.45 6.19	24.83 -2.44 2.29	20.96 -2.38 6.58	23.53 -2.54 7.17	26.09 -3.05 8.02	30.27 -2.83 4.82	37.57 -2.92 1.88	29.44 -2.26 6.85	27.71 -1.88 2.56	26.93 -1.69 0.27
SITHE___INDEPEND 23800	23.36 -0.85 0.00	17.89 -0.63 0.00	17.78 -0.64 0.00	18.71 -0.66 0.00	18.15 -0.64 0.00	21.82 -0.74 0.00	29.02 -0.99 0.00	26.20 -0.93 0.00	24.98 -0.89 0.00	21.39 -0.78 0.00	23.87 -0.87 0.00	26.60 -0.96 0.00	30.54 -1.07 0.00	30.69 -1.08 0.00	30.54 -1.08 0.00	28.50 -1.07 0.00	28.80 -1.13 0.00	31.90 -1.35 0.00	35.60 -1.56 0.00	36.34 -1.58 0.00	40.59 -1.78 0.00	36.95 -1.60 0.00	30.84 -1.31 0.00	27.76 -1.14 0.00
SITHE___MASSENA 23902	24.34 0.13 0.00	18.67 0.15 0.00	18.56 0.14 0.00	19.53 0.15 0.00	18.94 0.15 0.00	22.74 0.18 0.00	30.34 0.33 0.00	27.34 0.22 0.00	26.08 0.21 0.00	22.30 0.14 0.00	24.80 0.05 0.00	27.55 -0.01 0.00	31.55 -0.05 0.00	31.71 -0.06 0.00	31.56 -0.06 0.00	29.53 -0.04 0.00	29.89 -0.04 0.00	33.28 0.04 0.00	37.28 0.12 0.00	38.17 0.25 0.00	42.79 0.43 0.00	38.95 0.40 0.00	32.47 0.31 0.00	29.23 0.34 0.00
SITHE___OGDNSBRG 24021	24.57 0.36 0.00	18.88 0.35 0.00	18.75 0.33 0.00	19.72 0.35 0.00	19.14 0.35 0.00	22.93 0.37 0.00	30.54 0.53 0.00	27.22 0.10 0.00	25.89 0.02 0.00	22.10 -0.07 0.00	24.57 -0.18 0.00	27.16 -0.40 0.00	31.06 -0.55 0.00	31.20 -0.57 0.00	31.06 -0.56 0.00	29.08 -0.48 0.00	29.41 -0.52 0.00	32.79 -0.46 0.00	36.79 -0.37 0.00	37.94 0.02 0.00	43.09 0.73 0.00	39.32 0.77 0.00	32.76 0.60 0.00	29.52 0.62 0.00
SITHE___STERLING 23777	24.54 0.33 0.00	18.77 0.24 0.00	18.67 0.25 0.00	19.63 0.26 0.00	19.05 0.25 0.00	22.90 0.34 0.00	30.49 0.48 0.00	27.36 0.23 0.00	25.95 0.08 0.00	22.16 0.00 0.00	24.77 0.03 0.00	27.60 0.04 0.00	31.68 0.07 0.00	31.82 0.06 0.00	31.69 0.07 0.00	29.63 0.06 0.00	30.00 0.07 0.00	33.50 0.25 0.00	37.58 0.42 0.00	38.56 0.64 0.00	43.23 0.87 0.00	39.35 0.80 0.00	32.79 0.63 0.00	29.37 0.48 0.00
SLEIGHT__34_KV_TB1 80719	23.03 -1.18 0.00	17.69 -0.83 0.00	17.56 -0.86 0.00	18.50 -0.87 0.00	17.97 -0.82 0.00	21.64 -0.92 0.00	28.83 -1.19 0.00	25.92 -1.21 0.00	24.72 -1.16 0.00	21.13 -1.04 0.00	23.50 -1.23 0.01	26.19 -1.37 0.00	30.07 -1.45 0.09	29.71 -1.50 0.56	28.70 -1.51 1.40	27.70 -1.46 0.41	26.98 -1.45 1.50	30.07 -1.55 1.63	33.63 -1.71 1.82	35.25 -1.57 1.10	40.28 -1.66 0.43	35.52 -1.48 1.56	30.24 -1.33 0.58	27.70 -1.13 0.06
SOUTH CAIRO___GT 23612	25.41 1.20 0.00	19.39 0.86 0.00	19.29 0.87 0.00	20.28 0.91 0.00	19.68 0.89 0.00	23.62 1.06 0.00	31.34 1.32 0.00	28.27 1.14 0.00	26.70 0.83 0.00	22.86 0.69 0.00	25.64 0.90 0.00	28.58 1.02 0.00	32.64 1.03 0.00	32.80 1.03 0.00	32.73 1.12 0.00	30.67 1.10 0.00	30.96 1.03 0.00	34.48 1.24 0.00	38.94 1.78 0.00	39.87 1.95 0.00	44.61 2.25 0.00	40.57 2.01 0.00	33.79 1.64 0.00	30.33 1.43 0.00
SOUTH HAMPTN___IC 23720	28.65 2.07 -2.37	24.70 1.42 -4.76	19.84 1.42 0.00	20.86 1.49 0.00	23.21 1.52 -2.91	24.38 1.81 0.00	32.34 2.33 0.00	28.98 1.85 0.00	27.67 1.80 0.00	23.99 1.82 0.00	26.75 2.01 0.00	29.49 1.93 0.00	33.84 2.23 0.00	34.25 2.48 0.00	33.45 1.84 0.00	31.94 2.05 -0.32	32.34 2.40 -0.01	37.07 3.06 -0.76	39.83 2.67 0.00	40.46 2.54 0.00	45.45 3.08 0.00	41.30 2.75 0.00	34.77 2.61 0.00	31.15 2.26 0.00
SOUTHDOW__115KV_TB1 355954	22.35 -1.86 0.00	17.38 -1.14 0.00	17.18 -1.24 0.00	18.22 -1.15 0.00	17.73 -1.07 0.00	21.34 -1.22 0.00	28.48 -1.53 0.00	25.37 -1.76 0.00	24.60 -1.28 0.00	21.05 -1.12 0.00	23.22 -1.45 0.07	25.91 -1.63 0.02	29.49 -1.66 0.46	27.07 -1.75 2.95	22.32 -1.83 7.46	25.05 -1.77 2.74	20.10 -1.89 7.94	22.64 -1.96 8.64	24.94 -2.55 9.67	29.64 -2.47 5.82	37.30 -2.80 2.26	27.83 -2.46 8.26	26.94 -2.13 3.09	26.65 -1.92 0.33
SOUTHOLD_69_KV_BK 2 55809	28.86 2.28 -2.37	24.85 1.57 -4.76	19.97 1.54 0.00	21.02 1.65 0.00	23.38 1.68 -2.91	24.58 2.02 0.00	32.63 2.62 0.00	29.20 2.08 0.00	27.76 1.88 0.00	24.04 1.87 0.00	26.76 2.02 0.00	29.38 1.82 0.00	33.73 2.12 0.00	34.32 2.55 0.00	33.45 1.84 0.00	31.94 2.05 -0.32	32.34 2.41 -0.01	37.26 3.26 -0.76	40.13 2.97 0.00	40.76 2.84 0.00	45.88 3.51 0.00	41.80 3.25 0.00	35.18 3.02 0.00	31.49 2.60 0.00
SOUTHOLD___IC 23719	28.86 2.27 -2.37	24.85 1.57 -4.76	19.97 1.54 0.00	21.02 1.65 0.00	23.38 1.68 -2.91	24.58 2.03 0.00	32.64 2.62 0.00	29.20 2.07 0.00	27.75 1.88 0.00	24.04 1.87 0.00	26.75 2.01 0.00	29.38 1.82 0.00	33.73 2.12 0.00	34.30 2.53 0.00	33.44 1.82 0.00	31.93 2.05 -0.32	32.34 2.40 -0.01	37.25 3.25 -0.76	40.13 2.97 0.00	40.76 2.84 0.00	45.88 3.52 0.00	41.80 3.25 0.00	35.18 3.02 0.00	31.49 2.60 0.00
SOUTH_FORK_WT_PWR 323839	28.94 2.35 -2.37	24.90 1.62 -4.76	20.00 1.58 0.00	21.07 1.70 0.00	23.45 1.74 -2.91	24.66 2.11 0.00	32.75 2.73 0.00	29.24 2.12 0.00	27.69 1.82 0.00	23.97 1.80 0.00	26.65 1.91 0.00	29.14 1.57 0.00	33.46 1.85 0.00	34.15 2.38 0.00	33.23 1.61 0.00	31.73 1.84 -0.32	32.14 2.21 -0.01	37.13 3.13 -0.76	40.05 2.88 0.00	40.66 2.74 0.00	45.88 3.51 0.00	41.87 3.32 0.00	35.25 3.10 0.00	31.56 2.67 0.00

SPIERFLS_115KV_TB1 80737	24.99 0.78 0.00	19.06 0.53 0.00	18.94 0.51 0.00	19.93 0.55 0.00	19.35 0.56 0.00	23.28 0.72 0.00	30.95 0.93 0.00	27.97 0.85 0.00	26.59 0.72 0.00	22.74 0.57 0.00	25.43 0.69 0.00	28.24 0.68 0.00	32.33 0.72 0.00	32.45 0.68 0.00	32.24 0.63 0.00	30.23 0.67 0.00	30.61 0.68 0.00	34.17 0.92 0.00	38.53 1.37 0.00	39.42 1.50 0.00	44.02 1.66 0.00	40.06 1.51 0.00	33.33 1.17 0.00	29.83 0.93 0.00
ST LAWRENCE____ 23600	24.19 -0.02 0.00	18.54 0.02 0.00	18.43 0.01 0.00	19.40 0.03 0.00	18.81 0.02 0.00	22.58 0.02 0.00	30.10 0.08 0.00	27.18 0.06 0.00	25.96 0.08 0.00	22.20 0.03 0.00	24.69 -0.05 0.00	27.48 -0.09 0.00	31.48 -0.13 0.00	31.63 -0.13 0.00	31.49 -0.13 0.00	29.46 -0.10 0.00	29.81 -0.12 0.00	33.19 -0.06 0.00	37.14 -0.02 0.00	37.97 0.05 0.00	42.49 0.13 0.00	38.67 0.12 0.00	32.22 0.06 0.00	28.98 0.09 0.00
STATE_CA_115KV_115_LB 55624	24.87 0.66 0.00	19.02 0.49 0.00	18.92 0.50 0.00	19.89 0.52 0.00	19.29 0.50 0.00	23.09 0.52 0.00	30.54 0.52 0.00	27.63 0.51 0.00	26.31 0.44 0.00	22.59 0.42 0.00	25.33 0.59 0.00	28.21 0.64 0.00	32.30 0.69 0.00	32.43 0.67 0.00	32.31 0.70 0.00	30.20 0.64 0.00	30.58 0.65 0.00	34.03 0.78 0.00	38.11 0.95 0.00	38.85 0.92 0.00	43.32 0.96 0.00	39.40 0.85 0.00	32.92 0.76 0.00	29.65 0.75 0.00
STATE_ST_34_KV_LOAD 55959	23.86 -0.36 0.00	18.28 -0.24 0.00	18.16 -0.26 0.00	19.18 -0.20 0.00	18.64 -0.15 0.00	22.42 -0.14 0.00	29.77 -0.25 0.00	26.83 -0.30 0.00	25.44 -0.44 0.00	21.77 -0.39 0.00	24.26 -0.50 -0.02	27.05 -0.52 -0.01	31.23 -0.50 -0.13	32.07 -0.52 -0.82	33.19 -0.50 -2.08	29.83 -0.53 -0.79	31.66 -0.48 -2.21	35.04 -0.61 -2.41	39.33 -0.53 -2.69	39.10 -0.44 -1.62	42.63 -0.37 -0.63	40.64 -0.21 -2.30	32.69 -0.33 -0.86	28.76 -0.23 -0.09
STATION 5_MISC_HYD 23604	22.70 -1.51 0.00	17.49 -1.04 0.00	17.33 -1.09 0.00	18.25 -1.12 0.00	17.74 -1.05 0.00	21.35 -1.21 0.00	28.43 -1.58 0.00	25.59 -1.54 0.00	24.58 -1.29 0.00	21.02 -1.15 0.00	23.37 -1.36 0.02	26.03 -1.53 0.01	29.86 -1.62 0.13	29.28 -1.67 0.81	27.88 -1.69 2.05	27.21 -1.61 0.74	26.12 -1.63 2.18	29.17 -1.71 2.37	32.48 -2.02 2.66	34.32 -2.01 1.60	39.49 -2.25 0.62	34.34 -1.94 2.27	29.63 -1.68 0.85	27.38 -1.43 0.09
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.91 -1.31 0.00	17.61 -0.91 0.00	17.47 -0.95 0.00	18.40 -0.97 0.00	17.88 -0.92 0.00	21.52 -1.04 0.00	28.67 -1.34 0.00	25.81 -1.31 0.00	24.73 -1.15 0.00	21.14 -1.03 0.00	23.50 -1.23 0.02	26.17 -1.39 0.00	30.02 -1.49 0.10	29.58 -1.53 0.66	28.39 -1.57 1.66	27.49 -1.48 0.60	26.67 -1.50 1.76	29.75 -1.58 1.92	33.22 -1.79 2.15	34.90 -1.73 1.29	39.95 -1.91 0.50	35.01 -1.70 1.84	29.99 -1.48 0.69	27.56 -1.26 0.07
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.64 -1.57 0.00	17.43 -1.10 0.00	17.28 -1.14 0.00	18.20 -1.17 0.00	17.68 -1.11 0.00	21.28 -1.28 0.00	28.36 -1.66 0.00	25.50 -1.62 0.00	24.50 -1.38 0.00	20.96 -1.21 0.00	23.29 -1.43 0.02	25.95 -1.61 0.01	29.76 -1.72 0.13	29.16 -1.78 0.83	27.72 -1.82 2.08	27.10 -1.71 0.76	25.97 -1.74 2.22	28.99 -1.85 2.42	32.31 -2.15 2.70	34.18 -2.12 1.63	39.36 -2.37 0.63	34.14 -2.10 2.31	29.49 -1.81 0.86	27.27 -1.54 0.09
STA_56____34_KV_BUS2 355983	22.64 -1.57 0.00	17.43 -1.10 0.00	17.28 -1.14 0.00	18.20 -1.17 0.00	17.68 -1.11 0.00	21.28 -1.28 0.00	28.36 -1.66 0.00	25.50 -1.62 0.00	24.50 -1.38 0.00	20.96 -1.21 0.00	23.29 -1.43 0.02	25.95 -1.61 0.01	29.76 -1.72 0.13	29.16 -1.78 0.83	27.72 -1.82 2.08	27.10 -1.71 0.76	25.97 -1.74 2.22	28.99 -1.85 2.42	32.31 -2.15 2.70	34.18 -2.12 1.63	39.36 -2.37 0.63	34.14 -2.10 2.31	29.49 -1.81 0.86	27.27 -1.54 0.09
STA_67____115KV_BK2 355882	22.66 -1.55 0.00	17.45 -1.07 0.00	17.30 -1.12 0.00	18.23 -1.14 0.00	17.71 -1.08 0.00	21.32 -1.24 0.00	28.41 -1.61 0.00	25.54 -1.58 0.00	24.55 -1.33 0.00	20.99 -1.18 0.00	23.32 -1.40 0.02	25.98 -1.57 0.01	29.82 -1.66 0.13	29.23 -1.74 0.80	27.83 -1.77 2.02	27.16 -1.67 0.73	26.08 -1.70 2.15	29.11 -1.80 2.34	32.43 -2.12 2.62	34.26 -2.09 1.57	39.43 -2.32 0.61	34.29 -2.03 2.24	29.58 -1.74 0.84	27.33 -1.47 0.09
STA_7____115KV_9TRANS 80674	22.78 -1.44 0.00	17.54 -0.98 0.00	17.39 -1.04 0.00	18.31 -1.06 0.00	17.79 -1.00 0.00	21.42 -1.14 0.00	28.55 -1.47 0.00	25.66 -1.46 0.00	24.66 -1.21 0.00	21.09 -1.08 0.00	23.44 -1.29 0.02	26.11 -1.45 0.01	29.96 -1.52 0.13	29.33 -1.58 0.85	27.85 -1.61 2.15	27.26 -1.52 0.78	26.09 -1.55 2.29	29.14 -1.60 2.50	32.49 -1.88 2.79	34.41 -1.83 1.68	39.66 -2.05 0.65	34.38 -1.79 2.39	29.71 -1.56 0.89	27.48 -1.32 0.09
STA_82____115KV_TB1 80780	22.63 -1.58 0.00	17.43 -1.09 0.00	17.28 -1.14 0.00	18.21 -1.17 0.00	17.68 -1.11 0.00	21.28 -1.28 0.00	28.37 -1.65 0.00	25.50 -1.63 0.00	24.51 -1.37 0.00	20.95 -1.22 0.00	23.29 -1.44 0.02	25.93 -1.62 0.01	29.77 -1.72 0.12	29.19 -1.79 0.79	27.79 -1.83 2.00	27.12 -1.73 0.72	26.04 -1.76 2.13	29.07 -1.86 2.32	32.38 -2.19 2.59	34.19 -2.18 1.56	39.35 -2.41 0.61	34.23 -2.10 2.21	29.53 -1.81 0.83	27.29 -1.52 0.09
STEEL____WIND 323596	21.83 -2.38 0.00	16.96 -1.57 0.00	16.79 -1.63 0.00	17.74 -1.64 0.00	17.21 -1.58 0.00	20.73 -1.84 0.00	27.56 -2.45 0.00	24.65 -2.47 0.00	23.89 -1.99 0.00	20.47 -1.70 0.00	22.61 -2.03 0.10	25.23 -2.29 0.04	28.51 -2.39 0.71	24.83 -2.40 4.54	17.76 -2.38 11.47	22.97 -2.32 4.27	15.39 -2.33 12.21	17.49 -2.46 13.30	19.20 -3.08 14.87	25.81 -3.17 8.95	35.23 -3.65 3.48	22.79 -3.05 12.71	24.84 -2.56 4.76	26.15 -2.23 0.51
STEPHTWN_115KV_BK_2 55603	24.94 0.73 0.00	19.07 0.54 0.00	18.98 0.55 0.00	19.95 0.58 0.00	19.35 0.55 0.00	23.17 0.61 0.00	30.66 0.65 0.00	27.74 0.62 0.00	26.40 0.52 0.00	22.64 0.47 0.00	25.38 0.64 0.00	28.27 0.71 0.00	32.37 0.76 0.00	32.48 0.71 0.00	32.35 0.74 0.00	30.22 0.66 0.00	30.60 0.67 0.00	34.09 0.84 0.00	38.20 1.04 0.00	38.96 1.04 0.00	43.45 1.09 0.00	39.52 0.97 0.00	33.01 0.85 0.00	29.71 0.82 0.00
STEBEN_REC_LFGE 323667	22.81 -1.41 0.00	17.70 -0.83 0.00	17.57 -0.85 0.00	18.58 -0.80 0.00	18.07 -0.72 0.00	21.82 -0.74 0.00	29.17 -0.84 0.00	27.27 0.14 0.00	25.93 0.06 0.00	21.93 -0.23 0.00	23.71 -1.22 -0.19	25.87 -1.76 -0.07	31.18 -1.77 -1.34	38.55 -1.78 -8.56	51.49 -1.76 -21.64	36.16 -1.64 -8.22	51.46 -1.49 -23.02	56.93 -1.39 -25.07	63.74 -1.47 -28.04	53.66 -1.13 -16.87	47.94 -0.98 -6.56	61.37 -1.14 -23.96	39.81 -1.31 -8.96	28.47 -1.39 -0.96
STILLWATER____SOLAR 323814	25.13 0.91 0.00	19.18 0.65 0.00	19.06 0.64 0.00	20.05 0.68 0.00	19.47 0.67 0.00	23.38 0.82 0.00	31.06 1.05 0.00	28.05 0.92 0.00	26.66 0.79 0.00	22.83 0.66 0.00	25.54 0.80 0.00	28.40 0.84 0.00	32.54 0.93 0.00	32.66 0.89 0.00	32.47 0.86 0.00	30.41 0.84 0.00	30.77 0.84 0.00	34.33 1.09 0.00	38.64 1.48 0.00	39.51 1.59 0.00	44.14 1.77 0.00	40.15 1.60 0.00	33.43 1.28 0.00	29.97 1.08 0.00

STONY___BROOK 24151	28.54 1.65 -2.67	24.99 1.10 -5.36	19.54 1.12 0.00	20.52 1.14 0.00	23.23 1.16 -3.28	23.97 1.40 0.00	31.84 1.82 0.00	28.70 1.58 0.00	27.46 1.59 0.00	23.79 1.63 0.00	26.60 1.86 0.00	29.52 1.95 0.00	33.80 2.20 0.00	34.14 2.37 0.00	33.58 1.96 0.00	31.98 2.09 -0.32	32.36 2.42 -0.01	36.81 2.80 -0.76	39.61 2.45 0.00	40.21 2.29 0.00	45.00 2.64 0.00	41.01 2.45 0.00	34.39 2.23 0.00	30.75 1.85 0.00
STURGEON_POOL_HYD 23609	25.01 0.79 0.00	19.02 0.49 0.00	18.90 0.48 0.00	19.86 0.49 0.00	19.28 0.49 0.00	23.18 0.62 0.00	30.88 0.86 0.00	28.10 0.97 0.00	26.98 1.11 0.00	23.22 1.06 0.00	26.05 1.31 0.00	29.05 1.49 0.00	33.33 1.73 0.00	33.58 1.82 0.00	33.37 1.75 0.00	31.35 1.79 0.00	31.89 1.96 0.00	35.33 2.08 0.00	39.28 2.12 0.00	39.78 1.86 0.00	44.24 1.88 0.00	40.21 1.66 0.00	33.52 1.36 0.00	29.92 1.03 0.00
ST_LAW_115_BK7_LBMP 345037	24.18 -0.04 0.00	18.54 0.01 0.00	18.43 0.01 0.00	19.40 0.02 0.00	18.81 0.02 0.00	22.58 0.01 0.00	30.10 0.08 0.00	27.17 0.04 0.00	25.95 0.07 0.00	22.18 0.02 0.00	24.67 -0.07 0.00	27.45 -0.11 0.00	31.45 -0.16 0.00	31.59 -0.17 0.00	31.44 -0.18 0.00	29.43 -0.13 0.00	29.78 -0.16 0.00	33.15 -0.10 0.00	37.11 -0.05 0.00	37.95 0.03 0.00	42.49 0.13 0.00	38.66 0.11 0.00	32.22 0.06 0.00	28.99 0.10 0.00
ST_LAW_115_BK8_LBMP 345038	24.18 -0.04 0.00	18.54 0.01 0.00	18.43 0.01 0.00	19.40 0.02 0.00	18.81 0.02 0.00	22.58 0.01 0.00	30.10 0.08 0.00	27.17 0.04 0.00	25.95 0.07 0.00	22.18 0.02 0.00	24.67 -0.07 0.00	27.45 -0.11 0.00	31.45 -0.16 0.00	31.59 -0.17 0.00	31.44 -0.18 0.00	29.43 -0.13 0.00	29.78 -0.16 0.00	33.15 -0.10 0.00	37.11 -0.05 0.00	37.95 0.03 0.00	42.49 0.13 0.00	38.66 0.11 0.00	32.22 0.06 0.00	28.99 0.10 0.00
ST_LAW_230_BK5_LBMP 345035	24.19 -0.02 0.00	18.54 0.02 0.00	18.43 0.01 0.00	19.40 0.03 0.00	18.81 0.02 0.00	22.58 0.02 0.00	30.10 0.08 0.00	27.18 0.06 0.00	25.96 0.08 0.00	22.20 0.03 0.00	24.69 -0.05 0.00	27.48 -0.09 0.00	31.48 -0.13 0.00	31.63 -0.13 0.00	31.49 -0.13 0.00	29.46 -0.10 0.00	29.81 -0.12 0.00	33.19 -0.06 0.00	37.14 -0.02 0.00	37.97 0.05 0.00	42.49 0.13 0.00	38.67 0.12 0.00	32.22 0.06 0.00	28.98 0.09 0.00
ST_LAW_230_BK6_LBMP 345036	24.19 -0.02 0.00	18.54 0.02 0.00	18.43 0.01 0.00	19.40 0.03 0.00	18.81 0.02 0.00	22.58 0.02 0.00	30.10 0.08 0.00	27.18 0.06 0.00	25.96 0.08 0.00	22.20 0.03 0.00	24.69 -0.05 0.00	27.48 -0.09 0.00	31.48 -0.13 0.00	31.63 -0.13 0.00	31.49 -0.13 0.00	29.46 -0.10 0.00	29.81 -0.12 0.00	33.19 -0.06 0.00	37.14 -0.02 0.00	37.97 0.05 0.00	42.49 0.13 0.00	38.67 0.12 0.00	32.22 0.06 0.00	28.98 0.09 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.91 0.70 0.00	18.95 0.43 0.00	18.83 0.41 0.00	19.79 0.41 0.00	19.21 0.41 0.00	23.10 0.54 0.00	30.72 0.70 0.00	27.91 0.79 0.00	26.69 0.82 0.00	22.97 0.80 0.00	25.76 1.01 0.00	28.70 1.13 0.00	32.95 1.34 0.00	33.20 1.43 0.00	33.04 1.43 0.00	31.01 1.45 0.00	31.53 1.60 0.00	34.94 1.69 0.00	38.89 1.72 0.00	39.40 1.48 0.00	43.83 1.47 0.00	39.84 1.29 0.00	33.24 1.08 0.00	29.71 0.82 0.00
SWANROAD_115KV_TB1 355699	21.09 -3.12 0.00	16.39 -2.14 0.00	16.23 -2.20 0.00	17.13 -2.25 0.00	16.64 -2.16 0.00	19.98 -2.58 0.00	26.55 -3.47 0.00	23.70 -3.42 0.00	23.01 -2.86 0.00	19.69 -2.47 0.00	21.83 -2.83 0.08	24.30 -3.23 0.03	27.60 -3.47 0.54	25.02 -3.31 3.44	19.69 -3.24 8.69	23.10 -3.23 3.23	17.56 -3.12 9.24	19.67 -3.50 10.07	21.54 -4.36 11.26	26.55 -4.60 6.77	34.41 -5.32 2.64	24.60 -4.33 9.62	25.21 -3.34 3.60	25.52 -2.99 0.39
SYNERGY___BIOGAS 323694	22.25 -1.96 0.00	17.22 -1.31 0.00	17.06 -1.37 0.00	17.98 -1.39 0.00	17.48 -1.31 0.00	21.06 -1.50 0.00	28.04 -1.97 0.00	24.98 -2.15 0.00	23.95 -1.92 0.00	20.41 -1.76 0.00	22.60 -2.08 0.06	25.19 -2.35 0.02	28.70 -2.53 0.39	26.80 -2.52 2.45	22.92 -2.51 6.19	24.81 -2.46 2.29	20.92 -2.43 6.58	23.47 -2.60 7.17	26.04 -3.10 8.02	30.25 -2.85 4.82	37.58 -2.91 1.88	29.39 -2.31 6.85	27.71 -1.88 2.56	26.93 -1.69 0.27
SYRACUSE___ENERGY_ST1 323597	23.78 -0.44 0.00	18.21 -0.31 0.00	18.10 -0.32 0.00	19.05 -0.32 0.00	18.49 -0.30 0.00	22.23 -0.33 0.00	29.59 -0.43 0.00	26.69 -0.43 0.00	25.42 -0.46 0.00	21.75 -0.42 0.00	24.25 -0.49 0.00	27.05 -0.52 0.00	31.08 -0.52 0.00	31.24 -0.53 0.00	31.08 -0.54 0.00	29.01 -0.55 0.00	29.39 -0.54 0.00	32.62 -0.63 0.00	36.47 -0.69 0.00	37.29 -0.63 0.00	41.68 -0.68 0.00	37.93 -0.62 0.00	31.60 -0.56 0.00	28.41 -0.49 0.00
SYRACUSE___ENERGY_ST2 323598	23.78 -0.44 0.00	18.21 -0.31 0.00	18.10 -0.32 0.00	19.05 -0.32 0.00	18.49 -0.30 0.00	22.23 -0.33 0.00	29.59 -0.43 0.00	26.69 -0.43 0.00	25.42 -0.46 0.00	21.75 -0.42 0.00	24.25 -0.49 0.00	27.05 -0.52 0.00	31.08 -0.52 0.00	31.24 -0.53 0.00	31.08 -0.54 0.00	29.01 -0.55 0.00	29.39 -0.54 0.00	32.62 -0.63 0.00	36.47 -0.69 0.00	37.29 -0.63 0.00	41.68 -0.68 0.00	37.93 -0.62 0.00	31.60 -0.56 0.00	28.41 -0.49 0.00
SYRACUSE___POWER 24017	23.76 -0.46 0.00	18.20 -0.33 0.00	18.08 -0.34 0.00	19.02 -0.35 0.00	18.47 -0.32 0.00	22.18 -0.38 0.00	29.54 -0.48 0.00	26.65 -0.47 0.00	25.40 -0.48 0.00	21.73 -0.44 0.00	24.24 -0.50 0.00	27.03 -0.53 0.00	31.05 -0.55 0.00	31.22 -0.54 0.00	31.06 -0.56 0.00	29.00 -0.56 0.00	29.37 -0.56 0.00	32.62 -0.63 0.00	36.47 -0.70 0.00	37.28 -0.64 0.00	41.67 -0.69 0.00	37.92 -0.63 0.00	31.60 -0.56 0.00	28.38 -0.51 0.00
TALLMAN__138KV_BK151 55660	24.99 0.78 0.00	19.00 0.47 0.00	18.87 0.44 0.00	19.83 0.45 0.00	19.25 0.45 0.00	23.16 0.60 0.00	30.81 0.80 0.00	28.02 0.89 0.00	26.81 0.94 0.00	23.09 0.92 0.00	25.91 1.17 0.00	28.88 1.31 0.00	33.16 1.56 0.00	33.44 1.67 0.00	33.28 1.67 0.00	31.25 1.69 0.00	31.76 1.84 0.00	35.16 1.92 0.00	39.10 1.94 0.00	39.57 1.64 0.00	44.00 1.64 0.00	39.97 1.42 0.00	33.34 1.19 0.00	29.80 0.91 0.00
TEALLAVE_115KV_TB7 355573	23.66 -0.55 0.00	18.13 -0.40 0.00	18.01 -0.41 0.00	18.95 -0.43 0.00	18.39 -0.40 0.00	22.10 -0.46 0.00	29.43 -0.59 0.00	26.55 -0.58 0.00	25.32 -0.56 0.00	21.66 -0.50 0.00	24.17 -0.57 0.00	26.95 -0.61 0.00	30.97 -0.64 0.00	31.14 -0.63 0.00	30.97 -0.64 0.00	28.92 -0.65 0.00	29.27 -0.66 0.00	32.49 -0.75 0.00	36.30 -0.86 0.00	37.10 -0.83 0.00	41.43 -0.93 0.00	37.70 -0.85 0.00	31.43 -0.72 0.00	28.24 -0.65 0.00
TELGRAPH_34_KV_EAST 80808	21.71 -2.51 0.00	16.83 -1.69 0.00	16.67 -1.75 0.00	17.58 -1.79 0.00	17.09 -1.71 0.00	20.55 -2.01 0.00	27.34 -2.67 0.00	24.41 -2.71 0.00	23.58 -2.29 0.00	20.15 -2.02 0.00	22.32 -2.35 0.07	24.88 -2.66 0.02	28.31 -2.84 0.46	26.05 -2.78 2.94	21.43 -2.75 7.43	24.09 -2.72 2.76	19.36 -2.66 7.91	21.72 -2.91 8.61	23.96 -3.57 9.64	28.52 -3.60 5.79	36.08 -4.03 2.25	27.05 -3.27 8.23	26.47 -2.61 3.08	26.25 -2.31 0.33

TEMPLE___115KV_TB 2 55572	23.67 -0.54 0.00	18.13 -0.39 0.00	18.02 -0.40 0.00	18.96 -0.42 0.00	18.40 -0.39 0.00	22.11 -0.45 0.00	29.43 -0.59 0.00	26.56 -0.57 0.00	25.33 -0.55 0.00	21.68 -0.49 0.00	24.18 -0.56 0.00	26.97 -0.60 0.00	30.99 -0.63 0.00	31.15 -0.61 0.00	30.98 -0.63 0.00	28.93 -0.63 0.00	29.28 -0.65 0.00	32.51 -0.73 0.00	36.32 -0.84 0.00	37.11 -0.82 0.00	41.44 -0.92 0.00	37.71 -0.84 0.00	31.44 -0.72 0.00	28.24 -0.65 0.00
TIANA___69_KV_BK 1 55817	28.55 1.97 -2.37	24.63 1.35 -4.76	19.77 1.35 0.00	20.78 1.41 0.00	23.13 1.43 -2.91	24.28 1.72 0.00	32.20 2.18 0.00	28.88 1.76 0.00	27.62 1.75 0.00	23.95 1.78 0.00	26.73 1.99 0.00	29.52 1.96 0.00	33.84 2.24 0.00	34.23 2.47 0.00	33.47 1.86 0.00	31.94 2.05 -0.32	32.34 2.40 -0.01	37.01 3.01 -0.76	39.77 2.61 0.00	40.39 2.46 0.00	45.33 2.97 0.00	41.18 2.62 0.00	34.66 2.51 0.00	31.06 2.17 0.00
TILDEN___115KV_TB1 80814	23.76 -0.46 0.00	18.20 -0.33 0.00	18.08 -0.34 0.00	19.02 -0.35 0.00	18.47 -0.32 0.00	22.18 -0.38 0.00	29.54 -0.48 0.00	26.65 -0.47 0.00	25.40 -0.48 0.00	21.73 -0.44 0.00	24.24 -0.50 0.00	27.03 -0.53 0.00	31.05 -0.55 0.00	31.22 -0.54 0.00	31.06 -0.56 0.00	29.00 -0.56 0.00	29.37 -0.56 0.00	32.62 -0.63 0.00	36.47 -0.70 0.00	37.28 -0.64 0.00	41.67 -0.69 0.00	37.92 -0.63 0.00	31.60 -0.56 0.00	28.38 -0.51 0.00
TRIGEN___CC 323695	25.39 1.18 0.00	19.27 0.75 0.00	19.18 0.75 0.00	20.13 0.76 0.00	19.56 0.77 0.00	23.51 0.95 0.00	31.27 1.25 0.00	28.37 1.24 0.00	27.13 1.26 0.00	23.45 1.28 0.00	26.29 1.55 0.00	29.26 1.70 0.00	33.53 1.92 0.00	33.83 2.07 0.00	33.56 1.94 0.00	32.13 2.00 -0.56	32.14 2.20 -0.01	36.90 2.33 -1.33	39.29 2.12 0.00	39.81 1.89 0.00	44.38 2.02 0.00	40.42 1.87 0.00	33.79 1.64 0.00	30.20 1.31 0.00
TRINITY___115KV___ 4 BK 55933	24.81 0.60 0.00	18.97 0.44 0.00	18.87 0.45 0.00	19.84 0.47 0.00	19.24 0.45 0.00	23.03 0.47 0.00	30.45 0.43 0.00	27.57 0.44 0.00	26.24 0.37 0.00	22.54 0.37 0.00	25.27 0.53 0.00	28.14 0.57 0.00	32.21 0.60 0.00	32.34 0.57 0.00	32.22 0.61 0.00	30.13 0.56 0.00	30.48 0.56 0.00	33.91 0.66 0.00	37.97 0.81 0.00	38.69 0.77 0.00	43.16 0.80 0.00	39.26 0.71 0.00	32.82 0.66 0.00	29.56 0.67 0.00
UNION___PROCESSING_DRP 323587	22.63 -1.58 0.00	17.43 -1.09 0.00	17.28 -1.14 0.00	18.21 -1.17 0.00	17.68 -1.11 0.00	21.29 -1.27 0.00	28.37 -1.65 0.00	25.50 -1.63 0.00	24.51 -1.36 0.00	20.96 -1.21 0.00	23.29 -1.44 0.02	25.94 -1.62 0.01	29.76 -1.72 0.13	29.16 -1.79 0.82	27.72 -1.83 2.07	27.09 -1.72 0.75	25.97 -1.76 2.20	28.98 -1.86 2.40	32.28 -2.19 2.68	34.14 -2.17 1.61	39.34 -2.39 0.63	34.16 -2.10 2.29	29.50 -1.80 0.86	27.29 -1.52 0.09
UPPER HUDSON___HYD 24058	24.99 0.78 0.00	19.06 0.53 0.00	18.94 0.51 0.00	19.93 0.55 0.00	19.35 0.56 0.00	23.28 0.72 0.00	30.95 0.93 0.00	27.97 0.85 0.00	26.59 0.72 0.00	22.74 0.57 0.00	25.43 0.69 0.00	28.24 0.68 0.00	32.33 0.72 0.00	32.45 0.68 0.00	32.25 0.63 0.00	30.23 0.67 0.00	30.60 0.67 0.00	34.17 0.92 0.00	38.53 1.37 0.00	39.42 1.50 0.00	44.02 1.66 0.00	40.06 1.51 0.00	33.32 1.16 0.00	29.82 0.93 0.00
UPPER RAQUET___HYD 24056	23.99 -0.22 0.00	18.40 -0.12 0.00	18.29 -0.13 0.00	19.24 -0.13 0.00	18.67 -0.12 0.00	22.31 -0.25 0.00	29.75 -0.27 0.00	26.67 -0.46 0.00	25.31 -0.56 0.00	21.60 -0.57 0.00	23.98 -0.76 0.00	26.35 -1.21 0.00	30.09 -1.52 0.00	30.22 -1.54 0.00	30.09 -1.52 0.00	28.16 -1.41 0.00	28.51 -1.42 0.00	31.79 -1.46 0.00	35.70 -1.46 0.00	36.74 -1.18 0.00	41.74 -0.63 0.00	38.00 -0.55 0.00	31.73 -0.43 0.00	28.72 -0.17 0.00
VALLEY44___115KV_TB2 355964	21.98 -2.23 0.00	17.07 -1.46 0.00	16.93 -1.49 0.00	17.91 -1.47 0.00	17.38 -1.42 0.00	20.89 -1.67 0.00	27.85 -2.16 0.00	25.00 -2.13 0.00	24.16 -1.71 0.00	20.67 -1.50 0.00	22.82 -1.87 0.06	25.38 -2.16 0.02	28.99 -2.23 0.39	27.08 -2.19 2.50	23.10 -2.21 6.31	25.16 -2.11 2.29	21.06 -2.16 6.72	23.58 -2.35 7.31	26.07 -2.91 8.18	29.95 -3.05 4.92	36.88 -3.57 1.91	28.61 -2.95 6.99	27.12 -2.43 2.62	26.39 -2.22 0.28
VALLEY___115KV_TB 1-4 80826	25.00 0.79 0.00	19.07 0.54 0.00	18.95 0.53 0.00	19.93 0.55 0.00	19.29 0.50 0.00	23.08 0.52 0.00	30.68 0.66 0.00	27.59 0.46 0.00	26.03 0.16 0.00	22.23 0.06 0.00	25.00 0.26 0.00	27.84 0.28 0.00	31.84 0.23 0.00	31.83 0.07 0.00	31.65 0.03 0.00	29.54 -0.02 0.00	29.95 0.02 0.00	33.53 0.29 0.00	37.92 0.76 0.00	39.10 1.18 0.00	43.93 1.57 0.00	40.07 1.52 0.00	33.39 1.23 0.00	29.88 0.99 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.78 0.57 0.00	18.95 0.43 0.00	18.86 0.44 0.00	19.86 0.48 0.00	19.24 0.45 0.00	23.19 0.63 0.00	30.84 0.82 0.00	27.85 0.73 0.00	26.57 0.69 0.00	22.79 0.62 0.00	25.46 0.72 0.00	28.35 0.79 0.00	32.45 0.84 0.00	32.66 0.89 0.00	32.55 0.94 0.00	30.43 0.86 0.00	30.90 0.97 0.00	34.40 1.15 0.00	38.58 1.42 0.00	39.39 1.47 0.00	43.87 1.51 0.00	39.87 1.32 0.00	33.17 1.02 0.00	29.72 0.83 0.00
VISCHER___FERRY HYD 24020	25.01 0.80 0.00	19.10 0.57 0.00	19.00 0.57 0.00	19.97 0.60 0.00	19.37 0.58 0.00	23.24 0.68 0.00	30.85 0.83 0.00	27.90 0.77 0.00	26.57 0.69 0.00	22.79 0.62 0.00	25.53 0.79 0.00	28.42 0.86 0.00	32.53 0.92 0.00	32.66 0.89 0.00	32.53 0.91 0.00	30.42 0.86 0.00	30.74 0.81 0.00	34.24 0.99 0.00	38.44 1.28 0.00	39.20 1.28 0.00	43.78 1.42 0.00	39.85 1.30 0.00	33.23 1.08 0.00	29.83 0.93 0.00
V_A_10_SYNC_DSASP 323832	21.73 -2.48 0.00	16.83 -1.70 0.00	16.68 -1.75 0.00	17.59 -1.79 0.00	17.09 -1.71 0.00	20.55 -2.01 0.00	27.37 -2.64 0.00	24.56 -2.57 0.00	23.75 -2.13 0.00	20.32 -1.85 0.00	22.52 -2.17 0.05	25.10 -2.44 0.02	28.60 -2.64 0.37	26.70 -2.71 2.35	22.93 -2.75 5.94	24.76 -2.60 2.20	20.95 -2.67 6.32	23.46 -2.91 6.88	25.97 -3.50 7.69	29.67 -3.62 4.63	36.50 -4.06 1.80	28.43 -3.55 6.57	26.79 -2.91 2.46	26.20 -2.43 0.26
V_CMM_10_SYNC_DSASP 323787	24.28 0.06 0.00	18.62 0.09 0.00	18.51 0.09 0.00	19.48 0.10 0.00	18.89 0.09 0.00	22.67 0.11 0.00	30.23 0.22 0.00	27.29 0.16 0.00	26.05 0.18 0.00	22.28 0.11 0.00	24.77 0.03 0.00	27.55 -0.01 0.00	31.56 -0.04 0.00	31.71 -0.06 0.00	31.56 -0.05 0.00	29.54 -0.02 0.00	29.89 -0.04 0.00	33.28 0.04 0.00	37.27 0.11 0.00	38.11 0.19 0.00	42.66 0.30 0.00	38.80 0.25 0.00	32.36 0.20 0.00	29.12 0.22 0.00
V_CMP_10_SYNC_DSASP 323788	24.50 0.29 0.00	18.77 0.25 0.00	18.67 0.25 0.00	19.72 0.35 0.00	19.14 0.35 0.00	22.92 0.35 0.00	30.53 0.52 0.00	27.60 0.48 0.00	26.30 0.43 0.00	22.46 0.30 0.00	24.97 0.22 0.00	27.79 0.23 0.00	31.84 0.23 0.00	32.00 0.23 0.00	31.91 0.30 0.00	29.87 0.30 0.00	30.26 0.33 0.00	33.71 0.46 0.00	37.74 0.58 0.00	38.60 0.67 0.00	43.18 0.82 0.00	39.26 0.71 0.00	32.67 0.51 0.00	29.29 0.40 0.00

V_D_10_SYNC_DSASP 323841	24.34 0.13 0.00	18.67 0.15 0.00	18.56 0.14 0.00	19.53 0.15 0.00	18.94 0.15 0.00	22.74 0.18 0.00	30.34 0.33 0.00	27.34 0.22 0.00	26.09 0.22 0.00	22.30 0.14 0.00	24.80 0.06 0.00	27.56 0.00 0.00	31.56 -0.05 0.00	31.71 -0.06 0.00	31.56 -0.05 0.00	29.54 -0.02 0.00	29.89 -0.04 0.00	33.29 0.05 0.00	37.28 0.12 0.00	38.17 0.25 0.00	42.79 0.43 0.00	38.95 0.40 0.00	32.47 0.31 0.00	29.23 0.34 0.00
V_E_10_SYNC_DSASP 323830	25.22 1.00 0.00	19.41 0.88 0.00	19.28 0.85 0.00	20.34 0.97 0.00	19.72 0.93 0.00	23.71 1.15 0.00	31.48 1.47 0.00	28.20 1.08 0.00	26.48 0.61 0.00	22.40 0.23 0.00	24.91 0.15 -0.02	27.93 0.36 -0.01	32.23 0.48 -0.14	33.10 0.41 -0.93	34.53 0.51 -2.40	31.02 0.56 -0.89	33.38 0.89 -2.55	37.22 1.19 -2.78	41.89 1.62 -3.11	42.36 2.57 -1.87	46.39 3.30 -0.73	44.13 2.92 -2.66	35.35 2.20 -0.99	30.74 1.74 -0.11
V_F_30_NSYNC___DSASP 323816	25.14 0.92 0.00	19.19 0.66 0.00	19.08 0.66 0.00	20.07 0.69 0.00	19.47 0.68 0.00	23.39 0.83 0.00	31.08 1.07 0.00	28.07 0.95 0.00	26.69 0.82 0.00	22.86 0.69 0.00	25.58 0.84 0.00	28.45 0.89 0.00	32.60 0.99 0.00	32.72 0.95 0.00	32.53 0.91 0.00	30.46 0.90 0.00	30.83 0.90 0.00	34.39 1.14 0.00	38.69 1.53 0.00	39.56 1.63 0.00	44.17 1.81 0.00	40.19 1.64 0.00	33.47 1.31 0.00	30.00 1.11 0.00
V_F_30_SYNC_DSASP 323786	24.87 0.66 0.00	19.02 0.49 0.00	18.92 0.50 0.00	19.89 0.52 0.00	19.29 0.50 0.00	23.09 0.52 0.00	30.53 0.52 0.00	27.63 0.50 0.00	26.31 0.44 0.00	22.59 0.42 0.00	25.33 0.59 0.00	28.20 0.64 0.00	32.29 0.69 0.00	32.43 0.67 0.00	32.31 0.69 0.00	30.20 0.63 0.00	30.58 0.64 0.00	34.03 0.78 0.00	38.11 0.95 0.00	38.83 0.91 0.00	43.32 0.96 0.00	39.39 0.85 0.00	32.92 0.76 0.00	29.65 0.75 0.00
V_XM_10_SYNC_DSASP 323789	24.50 0.29 0.00	18.77 0.25 0.00	18.67 0.25 0.00	19.72 0.35 0.00	19.14 0.35 0.00	22.92 0.35 0.00	30.53 0.52 0.00	27.60 0.48 0.00	26.30 0.43 0.00	22.46 0.30 0.00	24.97 0.22 0.00	27.79 0.23 0.00	31.84 0.23 0.00	32.00 0.23 0.00	31.91 0.30 0.00	29.87 0.30 0.00	30.26 0.33 0.00	33.71 0.46 0.00	37.74 0.58 0.00	38.60 0.67 0.00	43.18 0.82 0.00	39.26 0.71 0.00	32.67 0.51 0.00	29.29 0.40 0.00
W.BABYLN_69_KV_BK1 56697	26.09 1.69 -0.19	20.01 1.10 -0.39	19.56 1.14 0.00	20.52 1.15 0.00	20.18 1.15 -0.24	24.00 1.44 0.00	31.92 1.91 0.00	28.88 1.75 0.00	27.60 1.73 0.00	23.86 1.70 0.00	26.72 1.98 0.00	29.67 2.11 0.00	33.97 2.36 0.00	34.34 2.57 0.00	33.96 2.34 0.00	32.35 2.43 -0.36	32.67 2.73 -0.01	37.11 3.02 -0.85	39.89 2.72 0.00	40.48 2.56 0.00	45.25 2.88 0.00	41.25 2.70 0.00	34.53 2.37 0.00	30.82 1.93 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.11 0.89 0.00	19.08 0.55 0.00	18.95 0.53 0.00	19.91 0.54 0.00	19.33 0.54 0.00	23.26 0.70 0.00	30.94 0.93 0.00	28.14 1.02 0.00	26.94 1.06 0.00	23.19 1.02 0.00	26.03 1.29 0.00	29.01 1.45 0.00	33.32 1.71 0.00	33.59 1.82 0.00	33.44 1.83 0.00	31.41 1.84 0.00	31.92 1.99 0.00	35.35 2.10 0.00	39.29 2.13 0.00	39.77 1.85 0.00	44.22 1.85 0.00	40.17 1.62 0.00	33.50 1.34 0.00	29.94 1.05 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.25 1.04 0.00	19.16 0.63 0.00	19.03 0.61 0.00	20.00 0.63 0.00	19.42 0.63 0.00	23.39 0.82 0.00	31.04 1.02 0.00	28.29 1.16 0.00	27.12 1.25 0.00	23.38 1.21 0.00	26.27 1.53 0.00	29.27 1.71 0.00	33.53 1.93 0.00	33.81 2.04 0.00	33.63 2.02 0.00	31.61 2.05 0.00	32.12 2.19 0.00	35.52 2.27 0.00	39.38 2.22 0.00	39.77 1.84 0.00	44.20 1.84 0.00	40.19 1.64 0.00	33.53 1.38 0.00	29.97 1.07 0.00
W50THST__13_KV_LOAD 356117	25.37 1.16 0.00	19.25 0.72 0.00	19.12 0.70 0.00	20.09 0.72 0.00	19.51 0.72 0.00	23.51 0.94 0.00	31.21 1.19 0.00	28.47 1.34 0.00	27.31 1.44 0.00	23.56 1.39 0.00	26.48 1.74 0.00	29.50 1.93 0.00	33.79 2.18 0.00	34.06 2.29 0.00	33.88 2.27 0.00	31.86 2.30 0.00	32.36 2.43 0.00	35.77 2.53 0.00	39.64 2.48 0.00	39.99 2.06 0.00	44.43 2.07 0.00	40.39 1.83 0.00	33.69 1.53 0.00	30.10 1.21 0.00
WADING RIVER_IC_1 23522	28.30 1.70 -2.38	24.46 1.16 -4.77	19.60 1.18 0.00	20.59 1.21 0.00	22.94 1.23 -2.92	24.01 1.45 0.00	31.81 1.79 0.00	28.52 1.39 0.00	27.43 1.55 0.00	23.80 1.63 0.00	26.58 1.84 0.00	29.43 1.87 0.00	33.73 2.12 0.00	34.10 2.33 0.00	33.32 1.71 0.00	31.82 1.94 -0.32	32.21 2.28 -0.01	36.83 2.82 -0.76	39.47 2.31 0.00	40.10 2.17 0.00	44.99 2.63 0.00	40.76 2.21 0.00	34.37 2.21 0.00	30.86 1.97 0.00
WADING RIVER_IC_2 23547	28.30 1.70 -2.38	24.46 1.16 -4.77	19.60 1.18 0.00	20.59 1.21 0.00	22.94 1.23 -2.92	24.01 1.45 0.00	31.81 1.79 0.00	28.52 1.39 0.00	27.43 1.55 0.00	23.80 1.63 0.00	26.58 1.84 0.00	29.43 1.87 0.00	33.73 2.12 0.00	34.10 2.33 0.00	33.32 1.71 0.00	31.82 1.94 -0.32	32.21 2.28 -0.01	36.83 2.82 -0.76	39.47 2.31 0.00	40.10 2.17 0.00	44.99 2.63 0.00	40.76 2.21 0.00	34.37 2.21 0.00	30.86 1.97 0.00
WADING RIVER_IC_3 23601	28.30 1.70 -2.38	24.46 1.16 -4.77	19.60 1.18 0.00	20.59 1.21 0.00	22.94 1.23 -2.92	24.01 1.45 0.00	31.81 1.79 0.00	28.52 1.39 0.00	27.43 1.55 0.00	23.80 1.63 0.00	26.58 1.84 0.00	29.43 1.87 0.00	33.73 2.12 0.00	34.10 2.33 0.00	33.32 1.71 0.00	31.82 1.94 -0.32	32.21 2.28 -0.01	36.83 2.82 -0.76	39.47 2.31 0.00	40.10 2.17 0.00	44.99 2.63 0.00	40.76 2.21 0.00	34.37 2.21 0.00	30.86 1.97 0.00
WALDENNY_12_KV_BK2 80841	21.82 -2.40 0.00	16.94 -1.58 0.00	16.78 -1.65 0.00	17.72 -1.66 0.00	17.21 -1.59 0.00	20.71 -1.85 0.00	27.57 -2.45 0.00	24.62 -2.51 0.00	23.89 -1.99 0.00	20.47 -1.70 0.00	22.62 -2.02 0.10	25.25 -2.28 0.04	28.54 -2.37 0.69	24.98 -2.37 4.42	18.08 -2.37 11.17	23.11 -2.30 4.16	15.75 -2.30 11.88	17.84 -2.47 12.94	19.59 -3.10 14.47	26.04 -3.17 8.70	35.32 -3.65 3.39	23.11 -3.08 12.36	25.00 -2.53 4.63	26.17 -2.23 0.49
WALDEN___HYDRO 24148	25.03 0.81 0.00	19.04 0.52 0.00	18.92 0.50 0.00	19.88 0.50 0.00	19.29 0.50 0.00	23.20 0.64 0.00	30.88 0.86 0.00	28.05 0.92 0.00	26.81 0.94 0.00	23.07 0.90 0.00	25.86 1.12 0.00	28.81 1.25 0.00	33.08 1.47 0.00	33.34 1.57 0.00	33.17 1.55 0.00	31.13 1.56 0.00	31.66 1.73 0.00	35.10 1.86 0.00	39.08 1.92 0.00	39.62 1.70 0.00	44.12 1.76 0.00	40.09 1.54 0.00	33.43 1.27 0.00	29.87 0.97 0.00
WARRENSBURG____ 23737	24.99 0.78 0.00	19.06 0.53 0.00	18.94 0.51 0.00	19.93 0.55 0.00	19.35 0.56 0.00	23.28 0.72 0.00	30.95 0.93 0.00	27.97 0.85 0.00	26.59 0.72 0.00	22.74 0.57 0.00	25.43 0.69 0.00	28.24 0.68 0.00	32.33 0.72 0.00	32.45 0.68 0.00	32.24 0.63 0.00	30.23 0.67 0.00	30.61 0.68 0.00	34.17 0.92 0.00	38.53 1.37 0.00	39.42 1.50 0.00	44.02 1.66 0.00	40.06 1.51 0.00	33.33 1.17 0.00	29.83 0.93 0.00

WATERSIDE___6 8 9 23538	25.26 1.04 0.00	19.16 0.63 0.00	19.03 0.61 0.00	20.00 0.62 0.00	19.42 0.63 0.00	23.38 0.82 0.00	31.01 0.99 0.00	28.28 1.15 0.00	27.11 1.23 -0.01	23.37 1.20 -0.01	26.26 1.51 -0.01	29.25 1.68 -0.01	33.47 1.87 0.00	33.75 1.98 0.00	33.59 1.97 0.00	31.57 2.01 0.00	32.08 2.15 0.00	35.43 2.18 0.00	39.28 2.12 0.00	39.69 1.77 0.00	44.12 1.76 0.00	40.12 1.57 0.00	33.49 1.33 0.00	29.97 1.08 0.00
WATKINRD_115KV_LN8_ILLION 55919	25.38 1.17 0.00	19.30 0.78 0.00	19.19 0.77 0.00	20.17 0.79 0.00	19.55 0.75 0.00	23.38 0.82 0.00	31.00 0.99 0.00	27.77 0.65 0.00	26.01 0.14 0.00	22.18 0.01 0.00	25.04 0.30 0.00	27.87 0.30 0.00	31.82 0.21 0.00	31.73 -0.03 0.00	31.50 -0.12 0.00	29.39 -0.18 0.00	29.79 -0.14 0.00	33.53 0.28 0.00	38.17 1.00 0.00	39.61 1.68 0.00	44.73 2.37 0.00	40.83 2.28 0.00	33.99 1.83 0.00	30.35 1.46 0.00
WDELAWARE___HYD 323627	24.45 0.23 0.00	18.55 0.02 0.00	18.42 0.00 0.00	19.36 -0.01 0.00	18.79 0.00 0.00	22.62 0.06 0.00	30.12 0.11 0.00	27.39 0.26 0.00	26.31 0.44 0.00	22.58 0.41 0.00	25.27 0.53 0.00	28.16 0.60 0.00	32.31 0.71 0.00	32.55 0.78 0.00	32.32 0.71 0.00	30.34 0.77 0.00	30.91 0.98 0.00	34.35 1.10 0.00	38.34 1.18 0.00	38.96 1.03 0.00	43.37 1.01 0.00	39.41 0.86 0.00	32.82 0.67 0.00	29.32 0.42 0.00
WEST BABYLON___IC 23714	26.09 1.69 -0.19	20.01 1.10 -0.39	19.56 1.14 0.00	20.52 1.15 0.00	20.18 1.15 -0.24	24.00 1.44 0.00	31.92 1.91 0.00	28.88 1.75 0.00	27.60 1.73 0.00	23.86 1.70 0.00	26.72 1.98 0.00	29.67 2.11 0.00	33.97 2.36 0.00	34.34 2.57 0.00	33.96 2.34 0.00	32.35 2.43 -0.36	32.67 2.73 -0.01	37.11 3.02 -0.85	39.89 2.72 0.00	40.48 2.56 0.00	45.25 2.88 0.00	41.25 2.70 0.00	34.53 2.37 0.00	30.82 1.93 0.00
WEST CANADA___HYD 24049	24.27 0.06 0.00	18.56 0.04 0.00	18.46 0.04 0.00	19.41 0.04 0.00	18.83 0.04 0.00	22.60 0.04 0.00	30.05 0.03 0.00	27.14 0.02 0.00	25.87 0.00 0.00	22.17 0.00 0.00	24.77 0.03 0.00	27.59 0.03 0.00	31.64 0.03 0.00	31.80 0.03 0.00	31.65 0.03 0.00	29.59 0.03 0.00	29.96 0.03 0.00	33.28 0.03 0.00	37.20 0.04 0.00	37.97 0.05 0.00	42.41 0.04 0.00	38.59 0.04 0.00	32.22 0.06 0.00	28.94 0.05 0.00
WESTERN_NY_WIND 24143	22.21 -2.01 0.00	17.19 -1.34 0.00	17.03 -1.39 0.00	17.95 -1.43 0.00	17.46 -1.33 0.00	21.02 -1.54 0.00	27.99 -2.03 0.00	24.93 -2.20 0.00	23.90 -1.97 0.00	20.38 -1.79 0.00	22.57 -2.12 0.06	25.16 -2.39 0.02	28.63 -2.57 0.41	26.60 -2.56 2.60	22.50 -2.54 6.58	24.63 -2.49 2.44	20.47 -2.46 7.00	22.98 -2.64 7.62	25.48 -3.15 8.53	29.88 -2.91 5.13	37.38 -2.99 2.00	28.88 -2.38 7.28	27.49 -1.94 2.73	26.86 -1.74 0.29
WESTOVER___LESR 323668	24.05 -0.17 0.00	18.45 -0.08 0.00	18.33 -0.09 0.00	19.31 -0.07 0.00	18.73 -0.06 0.00	22.49 -0.07 0.00	29.88 -0.14 0.00	27.01 -0.12 0.00	25.76 -0.11 0.00	22.06 -0.11 0.00	24.62 -0.14 -0.02	27.45 -0.12 -0.01	31.71 -0.01 -0.12	32.57 0.02 -0.78	33.61 0.01 -1.99	30.22 -0.07 -0.72	32.10 0.06 -2.12	35.66 0.11 -2.31	39.85 0.11 -2.58	39.67 0.19 -1.55	43.20 0.23 -0.60	40.94 0.18 -2.20	33.10 0.12 -0.82	29.02 0.04 -0.09
WETHRSFD_WT_PWR 323626	22.11 -2.10 0.00	17.17 -1.36 0.00	17.04 -1.38 0.00	18.00 -1.38 0.00	17.46 -1.33 0.00	21.02 -1.54 0.00	27.90 -2.12 0.00	24.75 -2.38 0.00	23.78 -2.09 0.00	20.41 -1.76 0.00	22.33 -2.12 0.29	25.07 -2.39 0.10	27.05 -2.51 2.04	16.19 -2.55 13.03	-3.82 -2.52 32.92	14.68 -2.44 12.44	-7.44 -2.35 35.02	-7.34 -2.45 38.14	-8.33 -2.83 42.66	9.57 -2.70 25.66	29.52 -2.86 9.98	-0.50 -2.60 36.45	16.19 -2.33 13.64	25.35 -2.09 1.46
WHAVSTOR_138KV_BK127 55557	24.99 0.78 0.00	18.99 0.46 0.00	18.86 0.44 0.00	19.82 0.45 0.00	19.24 0.45 0.00	23.15 0.59 0.00	30.79 0.78 0.00	28.00 0.88 0.00	26.79 0.92 0.00	23.07 0.90 0.00	25.89 1.15 0.00	28.85 1.29 0.00	33.13 1.52 0.00	33.39 1.62 0.00	33.23 1.62 0.00	31.20 1.64 0.00	31.71 1.78 0.00	35.11 1.86 0.00	39.03 1.87 0.00	39.51 1.58 0.00	43.93 1.57 0.00	39.92 1.37 0.00	33.32 1.16 0.00	29.78 0.88 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.99 0.78 0.00	18.99 0.46 0.00	18.86 0.44 0.00	19.82 0.45 0.00	19.24 0.45 0.00	23.15 0.59 0.00	30.79 0.78 0.00	28.00 0.88 0.00	26.79 0.92 0.00	23.07 0.90 0.00	25.89 1.15 0.00	28.85 1.29 0.00	33.13 1.52 0.00	33.39 1.62 0.00	33.23 1.62 0.00	31.20 1.64 0.00	31.71 1.78 0.00	35.11 1.86 0.00	39.03 1.87 0.00	39.51 1.58 0.00	43.93 1.57 0.00	39.92 1.37 0.00	33.32 1.16 0.00	29.78 0.88 0.00
WHITEHAL_115KV_TB1 80871	25.40 1.19 0.00	19.31 0.78 0.00	19.13 0.70 0.00	20.18 0.80 0.00	19.61 0.81 0.00	23.70 1.14 0.00	31.45 1.43 0.00	28.47 1.34 0.00	27.12 1.25 0.00	23.16 0.99 0.00	25.75 1.01 0.00	28.63 1.07 0.00	32.79 1.18 0.00	32.94 1.17 0.00	32.73 1.11 0.00	30.81 1.24 0.00	31.20 1.27 0.00	34.84 1.59 0.00	39.29 2.13 0.00	40.03 2.10 0.00	44.43 2.07 0.00	40.49 1.94 0.00	33.74 1.58 0.00	30.19 1.30 0.00
WHITEPLN_13_KV_LOAD 356215	25.32 1.10 0.00	19.23 0.71 0.00	19.10 0.68 0.00	20.07 0.69 0.00	19.48 0.69 0.00	23.45 0.89 0.00	31.21 1.19 0.00	28.40 1.28 0.00	27.19 1.32 0.00	23.43 1.26 0.00	26.30 1.56 0.00	29.31 1.74 0.00	33.63 2.02 0.00	33.88 2.11 0.00	33.70 2.09 0.00	31.66 2.10 0.00	32.19 2.26 0.00	35.64 2.40 0.00	39.59 2.43 0.00	40.04 2.12 0.00	44.55 2.18 0.00	40.49 1.94 0.00	33.78 1.62 0.00	30.16 1.27 0.00
WM_FLOYD_69_KV_BK2 356380	28.26 1.70 -2.35	24.37 1.14 -4.71	19.58 1.16 0.00	20.57 1.20 0.00	22.88 1.21 -2.88	24.02 1.45 0.00	31.86 1.85 0.00	28.67 1.54 0.00	27.46 1.59 0.00	23.79 1.62 0.00	26.57 1.82 0.00	29.43 1.87 0.00	33.73 2.12 0.00	34.11 2.34 0.00	33.42 1.80 0.00	31.86 1.97 -0.32	32.26 2.32 -0.01	36.82 2.81 -0.76	39.55 2.39 0.00	40.18 2.26 0.00	45.04 2.67 0.00	40.96 2.41 0.00	34.45 2.29 0.00	30.84 1.95 0.00
WOODARD__115KV_TB2 355635	23.65 -0.56 0.00	18.11 -0.41 0.00	18.00 -0.42 0.00	18.94 -0.44 0.00	18.38 -0.41 0.00	22.09 -0.47 0.00	29.40 -0.61 0.00	26.53 -0.59 0.00	25.29 -0.58 0.00	21.64 -0.52 0.00	24.15 -0.59 0.00	26.92 -0.64 0.00	30.93 -0.68 0.00	31.09 -0.67 0.00	30.93 -0.68 0.00	28.88 -0.68 0.00	29.24 -0.69 0.00	32.45 -0.80 0.00	36.25 -0.92 0.00	37.03 -0.89 0.00	41.36 -1.00 0.00	37.65 -0.91 0.00	31.38 -0.77 0.00	28.21 -0.68 0.00
YORK___WARBASSE 23770	25.32 1.10 0.00	19.22 0.69 0.00	19.09 0.66 0.00	20.05 0.68 0.00	19.47 0.67 0.00	23.45 0.89 0.00	31.13 1.11 0.00	28.38 1.25 0.00	27.20 1.32 -0.01	23.42 1.25 -0.01	26.33 1.58 -0.01	29.34 1.76 -0.01	33.64 2.03 0.00	33.92 2.16 0.00	33.78 2.17 0.00	31.72 2.16 0.00	32.24 2.31 0.00	35.60 2.35 0.00	39.46 2.30 0.00	39.89 1.97 0.00	44.36 2.00 0.00	40.33 1.78 0.00	33.66 1.50 0.00	30.09 1.20 0.00