

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

08/30/2025

ALBANY___2 23572	23.56 -0.04 0.00	21.88 -0.05 0.00	20.94 -0.06 0.00	21.11 -0.08 0.00	20.31 -0.08 0.00	16.11 -0.03 0.00	20.83 -0.06 0.00	22.34 -0.06 0.00	20.54 -0.04 0.00	20.35 -0.06 0.00	19.72 -0.04 0.00	19.09 -0.03 0.00	16.08 0.02 0.00	19.09 0.05 0.00	20.16 0.10 0.00	19.50 0.12 0.00	22.26 0.12 0.00	28.15 0.15 0.00	32.50 0.00 0.00	38.86 -0.11 0.00	32.08 -0.09 0.00	33.45 -0.14 0.00	26.61 -0.15 0.00	20.53 -0.08 0.00
ALBANY___3 23573	23.56 -0.04 0.00	21.88 -0.05 0.00	20.94 -0.06 0.00	21.11 -0.08 0.00	20.31 -0.08 0.00	16.11 -0.03 0.00	20.83 -0.06 0.00	22.34 -0.06 0.00	20.54 -0.04 0.00	20.35 -0.06 0.00	19.72 -0.04 0.00	19.09 -0.03 0.00	16.08 0.02 0.00	19.09 0.05 0.00	20.16 0.10 0.00	19.50 0.12 0.00	22.26 0.12 0.00	28.15 0.15 0.00	32.50 0.00 0.00	38.86 -0.11 0.00	32.08 -0.09 0.00	33.45 -0.14 0.00	26.61 -0.15 0.00	20.53 -0.08 0.00
ALBANY___4 23574	23.56 -0.04 0.00	21.88 -0.05 0.00	20.94 -0.06 0.00	21.11 -0.08 0.00	20.31 -0.08 0.00	16.11 -0.03 0.00	20.83 -0.06 0.00	22.34 -0.06 0.00	20.54 -0.04 0.00	20.35 -0.06 0.00	19.72 -0.04 0.00	19.09 -0.03 0.00	16.08 0.02 0.00	19.09 0.05 0.00	20.16 0.10 0.00	19.50 0.12 0.00	22.26 0.12 0.00	28.15 0.15 0.00	32.50 0.00 0.00	38.86 -0.11 0.00	32.08 -0.09 0.00	33.45 -0.14 0.00	26.61 -0.15 0.00	20.53 -0.08 0.00
ALBANY___LFGE 323615	23.78 0.18 0.00	22.08 0.16 0.00	21.13 0.14 0.00	21.32 0.13 0.00	20.50 0.10 0.00	16.26 0.12 0.00	21.03 0.14 0.00	22.55 0.15 0.00	20.72 0.14 0.00	20.53 0.11 0.00	19.90 0.13 0.00	19.26 0.14 0.00	16.23 0.17 0.00	19.26 0.22 0.00	20.34 0.28 0.00	19.68 0.30 0.00	22.48 0.33 0.00	28.46 0.46 0.00	32.86 0.36 0.00	39.30 0.33 0.00	32.43 0.26 0.00	33.82 0.23 0.00	26.90 0.13 0.00	20.73 0.12 0.00
ALCOA_PA_115KV_PL-6C 55860	24.35 0.75 0.00	22.57 0.64 0.00	21.57 0.58 0.00	21.81 0.62 0.00	21.01 0.62 0.00	16.55 0.41 0.00	21.44 0.55 0.00	22.97 0.57 0.00	21.09 0.52 0.00	20.91 0.50 0.00	20.19 0.42 0.00	19.54 0.41 0.00	16.33 0.27 0.00	19.34 0.30 0.00	20.42 0.36 0.00	19.77 0.39 0.00	22.63 0.48 0.00	28.61 0.61 0.00	33.23 0.72 0.00	39.93 0.96 0.00	32.96 0.79 0.00	34.45 0.87 0.00	27.43 0.67 0.00	21.20 0.60 0.00
ALCOA_RYNLDS___DRP 24188	24.35 0.75 0.00	22.57 0.64 0.00	21.57 0.58 0.00	21.81 0.62 0.00	21.01 0.62 0.00	16.55 0.41 0.00	21.44 0.55 0.00	22.97 0.57 0.00	21.09 0.52 0.00	20.91 0.50 0.00	20.19 0.42 0.00	19.54 0.41 0.00	16.33 0.27 0.00	19.34 0.30 0.00	20.42 0.36 0.00	19.77 0.39 0.00	22.63 0.48 0.00	28.61 0.61 0.00	33.23 0.72 0.00	39.93 0.96 0.00	32.96 0.79 0.00	34.45 0.87 0.00	27.43 0.67 0.00	21.20 0.60 0.00
ALCOA___DSASP 323711	24.35 0.75 0.00	22.57 0.64 0.00	21.57 0.58 0.00	21.81 0.62 0.00	21.00 0.62 0.00	16.55 0.41 0.00	21.44 0.55 0.00	22.97 0.57 0.00	21.09 0.52 0.00	20.91 0.50 0.00	20.19 0.42 0.00	19.54 0.41 0.00	16.33 0.27 0.00	19.34 0.30 0.00	20.42 0.36 0.00	19.77 0.39 0.00	22.63 0.48 0.00	28.61 0.61 0.00	33.23 0.72 0.00	39.93 0.96 0.00	32.96 0.79 0.00	34.45 0.87 0.00	27.43 0.67 0.00	21.20 0.60 0.00
ALLEGHENY___COGEN 23514	23.91 0.32 0.00	22.29 0.37 0.00	21.59 0.59 0.00	21.74 0.54 0.00	20.83 0.44 0.00	16.40 0.26 0.00	21.34 0.45 0.00	22.85 0.45 0.00	20.64 0.06 0.00	20.23 -0.19 0.00	19.69 -0.08 0.00	19.24 0.12 0.00	16.11 0.05 0.00	18.95 -0.08 0.00	19.85 -0.21 0.00	19.18 -0.20 0.00	21.79 -0.36 0.00	27.41 -0.59 0.00	32.39 -0.11 0.00	39.62 0.65 0.00	32.94 0.78 0.00	34.54 0.95 0.00	27.56 0.80 0.00	21.23 0.62 0.00
ALTAMONT_115KV_TB 2 55880	23.84 0.24 0.00	22.13 0.21 0.00	21.18 0.18 0.00	21.37 0.17 0.00	20.55 0.16 0.00	16.29 0.16 0.00	21.08 0.19 0.00	22.60 0.20 0.00	20.76 0.18 0.00	20.58 0.16 0.00	19.94 0.17 0.00	19.28 0.17 0.00	16.24 0.18 0.00	19.27 0.23 0.00	20.34 0.28 0.00	19.67 0.30 0.00	22.48 0.33 0.00	28.47 0.46 0.00	32.95 0.44 0.00	39.43 0.46 0.00	32.55 0.38 0.00	33.94 0.36 0.00	27.02 0.25 0.00	20.78 0.18 0.00
ALTONA_WT_PWR 323606	24.13 0.53 0.00	22.37 0.45 0.00	21.38 0.38 0.00	21.62 0.43 0.00	20.85 0.46 0.00	16.46 0.33 0.00	21.32 0.43 0.00	22.85 0.45 0.00	20.95 0.38 0.00	20.67 0.25 0.00	19.73 -0.04 0.00	19.12 0.00 0.00	15.96 -0.11 0.00	18.97 -0.07 0.00	20.12 0.06 0.00	19.47 0.09 0.00	22.40 0.25 0.00	28.60 0.60 0.00	33.17 0.67 0.00	39.86 0.89 0.00	32.86 0.69 0.00	34.27 0.69 0.00	27.28 0.51 0.00	21.06 0.44 0.00
AMERICAN_REF_FUEL 24010	22.59 -1.01 0.00	21.15 -0.77 0.00	20.64 -0.36 0.00	20.83 -0.37 0.00	19.89 -0.49 0.00	15.55 -0.59 0.00	20.14 -0.75 0.00	21.55 -0.85 0.00	19.85 -0.73 0.00	19.71 -0.70 0.00	19.28 -0.49 0.00	18.76 -0.36 0.00	15.71 -0.36 0.00	18.44 -0.59 0.00	19.26 -0.79 0.00	18.65 -0.73 0.00	21.16 -0.99 0.00	26.25 -1.76 0.00	30.51 -2.00 0.00	36.66 -2.31 0.00	30.25 -1.91 0.00	31.84 -1.75 0.00	25.62 -1.15 0.00	20.02 -0.59 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.08 -0.51 0.00	21.54 -0.38 0.00	21.03 0.03 0.00	21.18 -0.01 0.00	20.32 -0.07 0.00	15.96 -0.18 0.00	20.72 -0.17 0.00	22.27 -0.13 0.00	20.43 -0.15 0.00	20.29 -0.12 0.00	19.84 0.07 0.00	19.20 0.08 0.00	16.06 -0.01 0.00	18.80 -0.24 0.00	19.69 -0.37 0.00	19.12 -0.26 0.00	21.78 -0.37 0.00	27.18 -0.82 0.00	31.77 -0.74 0.00	38.18 -0.79 0.00	31.27 -0.89 0.00	32.90 -0.68 0.00	26.36 -0.41 0.00	20.44 -0.17 0.00
ARTHUR KILL_GT_1 23520	24.53 0.93 0.00	22.64 0.71 0.00	21.64 0.64 0.00	21.77 0.58 0.00	20.99 0.60 0.00	16.71 0.57 0.00	21.52 0.62 0.00	23.15 0.75 0.00	21.43 0.86 0.00	21.32 0.91 0.00	20.76 0.99 0.00	20.03 0.91 0.00	16.90 0.84 0.00	20.03 1.00 0.00	21.17 1.12 0.00	20.50 1.13 0.00	23.41 1.27 0.00	29.60 1.60 0.00	34.33 1.83 0.00	40.77 1.81 0.00	33.61 1.44 0.00	34.90 1.32 0.00	27.86 1.10 0.00	21.36 0.76 0.00
ARTHUR_KILL_2 23512	24.46 0.86 0.00	22.58 0.65 0.00	21.58 0.59 0.00	21.71 0.52 0.00	20.93 0.54 0.00	16.66 0.53 0.00	21.46 0.57 0.00	23.08 0.68 0.00	21.38 0.80 0.00	21.27 0.85 0.00	20.71 0.94 0.00	19.99 0.86 0.00	16.86 0.79 0.00	19.99 0.95 0.00	21.13 1.07 0.00	20.45 1.08 0.00	23.35 1.21 0.00	29.52 1.52 0.00	34.22 1.72 0.00	40.64 1.67 0.00	33.51 1.34 0.00	34.79 1.20 0.00	27.78 1.01 0.00	21.30 0.70 0.00
ARTHUR_KILL_3 23513	24.29 0.69 0.00	22.43 0.51 0.00	21.46 0.46 0.00	21.57 0.37 0.00	20.79 0.40 0.00	16.54 0.41 0.00	21.31 0.42 0.00	22.92 0.52 0.00	21.23 0.65 0.00	21.15 0.74 0.00	20.61 0.84 0.00	19.88 0.76 0.00	16.80 0.74 0.00	19.93 0.89 0.00	21.08 1.03 0.00	20.42 1.04 0.00	23.31 1.16 0.00	29.41 1.41 0.00	34.04 1.54 0.00	40.48 1.50 0.00	33.38 1.21 0.00	34.67 1.09 0.00	27.67 0.90 0.00	21.21 0.60 0.00

ARTHUR_KILL_COGEN 323718	24.53 0.93 0.00	22.64 0.71 0.00	21.64 0.64 0.00	21.77 0.58 0.00	20.99 0.60 0.00	16.71 0.57 0.00	21.52 0.62 0.00	23.15 0.75 0.00	21.43 0.85 0.00	21.32 0.91 0.00	20.76 0.99 0.00	20.03 0.91 0.00	16.90 0.84 0.00	20.03 1.00 0.00	21.17 1.12 0.00	20.50 1.13 0.00	23.41 1.27 0.00	29.60 1.60 0.00	34.33 1.83 0.00	40.77 1.81 0.00	33.61 1.45 0.00	34.90 1.32 0.00	27.86 1.09 0.00	21.36 0.76 0.00
ASHOKAN____ 23654	24.11 0.51 0.00	22.31 0.38 0.00	21.32 0.33 0.00	21.47 0.28 0.00	20.66 0.27 0.00	16.41 0.27 0.00	21.23 0.34 0.00	22.84 0.44 0.00	21.01 0.44 0.00	20.81 0.40 0.00	20.15 0.38 0.00	19.49 0.37 0.00	16.49 0.42 0.00	19.47 0.43 0.00	20.55 0.50 0.00	19.91 0.53 0.00	22.88 0.73 0.00	29.03 1.03 0.00	33.74 1.24 0.00	40.41 1.44 0.00	33.33 1.16 0.00	34.63 1.05 0.00	27.50 0.74 0.00	21.07 0.47 0.00
ASTORIA_EAST_ENERGY_CC1 323581	24.41 0.81 0.00	22.52 0.60 0.00	21.47 0.48 0.00	21.58 0.38 0.00	20.79 0.40 0.00	16.55 0.42 0.00	21.28 0.39 0.00	22.94 0.55 0.00	21.24 0.66 0.00	21.14 0.73 0.00	20.61 0.84 0.00	19.92 0.80 0.00	16.80 0.73 0.00	19.92 0.88 0.00	21.08 1.02 0.00	20.41 1.03 0.00	23.30 1.15 0.00	29.43 1.43 0.00	34.09 1.59 0.00	40.57 1.60 0.00	33.48 1.31 0.00	34.76 1.18 0.00	27.77 1.01 0.00	21.27 0.66 0.00
ASTORIA_EAST_ENERGY_CC2 323582	24.41 0.81 0.00	22.52 0.60 0.00	21.47 0.48 0.00	21.58 0.38 0.00	20.79 0.40 0.00	16.55 0.42 0.00	21.28 0.39 0.00	22.94 0.55 0.00	21.24 0.66 0.00	21.14 0.73 0.00	20.61 0.84 0.00	19.92 0.80 0.00	16.80 0.73 0.00	19.92 0.88 0.00	21.08 1.02 0.00	20.41 1.03 0.00	23.30 1.15 0.00	29.43 1.43 0.00	34.09 1.59 0.00	40.57 1.60 0.00	33.48 1.31 0.00	34.76 1.18 0.00	27.77 1.01 0.00	21.28 0.67 0.00
ASTORIA_GT2_1 24094	24.42 0.82 0.00	22.53 0.61 0.00	21.48 0.48 0.00	21.59 0.39 0.00	20.79 0.40 0.00	16.55 0.42 0.00	21.29 0.40 0.00	22.96 0.56 0.00	21.25 0.67 0.00	21.15 0.74 0.00	20.61 0.85 0.00	19.93 0.81 0.00	16.80 0.74 0.00	19.92 0.89 0.00	21.09 1.04 0.00	20.42 1.04 0.00	23.32 1.17 0.00	29.44 1.44 0.00	34.10 1.60 0.00	40.59 1.62 0.00	33.49 1.33 0.00	34.78 1.20 0.00	27.78 1.02 0.00	21.28 0.67 0.00
ASTORIA_GT2_2 24095	24.42 0.82 0.00	22.53 0.61 0.00	21.48 0.48 0.00	21.59 0.39 0.00	20.79 0.40 0.00	16.55 0.42 0.00	21.29 0.40 0.00	22.96 0.56 0.00	21.25 0.67 0.00	21.15 0.74 0.00	20.61 0.85 0.00	19.93 0.81 0.00	16.80 0.74 0.00	19.92 0.89 0.00	21.09 1.04 0.00	20.42 1.04 0.00	23.32 1.17 0.00	29.44 1.44 0.00	34.10 1.60 0.00	40.59 1.62 0.00	33.49 1.33 0.00	34.78 1.20 0.00	27.78 1.02 0.00	21.28 0.67 0.00
ASTORIA_GT2_3 24096	24.42 0.82 0.00	22.53 0.61 0.00	21.48 0.48 0.00	21.59 0.39 0.00	20.79 0.40 0.00	16.55 0.42 0.00	21.29 0.40 0.00	22.96 0.56 0.00	21.25 0.67 0.00	21.15 0.74 0.00	20.61 0.85 0.00	19.93 0.81 0.00	16.80 0.74 0.00	19.92 0.89 0.00	21.09 1.04 0.00	20.42 1.04 0.00	23.32 1.17 0.00	29.44 1.44 0.00	34.10 1.60 0.00	40.59 1.62 0.00	33.49 1.33 0.00	34.78 1.20 0.00	27.78 1.02 0.00	21.28 0.67 0.00
ASTORIA_GT2_4 24097	24.42 0.82 0.00	22.53 0.61 0.00	21.48 0.48 0.00	21.59 0.39 0.00	20.79 0.40 0.00	16.55 0.42 0.00	21.29 0.40 0.00	22.96 0.56 0.00	21.25 0.67 0.00	21.15 0.74 0.00</														

ASTORIA_GT4_4 24105	24.42 0.82 0.00	22.53 0.61 0.00	21.48 0.48 0.00	21.59 0.39 0.00	20.79 0.40 0.00	16.55 0.42 0.00	21.29 0.40 0.00	22.96 0.56 0.00	21.25 0.67 0.00	21.15 0.74 0.00	20.61 0.85 0.00	19.93 0.81 0.00	16.80 0.74 0.00	19.92 0.89 0.00	21.09 1.04 0.00	20.42 1.04 0.00	23.32 1.17 0.00	29.44 1.44 0.00	34.10 1.60 0.00	40.59 1.62 0.00	33.49 1.33 0.00	34.78 1.20 0.00	27.78 1.02 0.00	21.29 0.68 0.00
ASTORIA_GT_1 23523	24.46 0.86 0.00	22.57 0.64 0.00	21.51 0.52 0.00	21.62 0.42 0.00	20.83 0.43 0.00	16.58 0.44 0.00	21.32 0.43 0.00	22.99 0.59 0.00	21.28 0.70 0.00	21.18 0.77 0.00	20.65 0.88 0.00	19.96 0.84 0.00	16.84 0.77 0.00	19.96 0.92 0.00	21.13 1.08 0.00	20.45 1.08 0.00	23.35 1.21 0.00	29.49 1.49 0.00	34.16 1.66 0.00	40.66 1.69 0.00	33.55 1.38 0.00	34.84 1.26 0.00	27.82 1.06 0.00	21.32 0.72 0.00
ASTORIA_GT_10 24110	24.39 0.79 0.00	22.53 0.60 0.00	21.53 0.53 0.00	21.63 0.44 0.00	20.85 0.46 0.00	16.60 0.46 0.00	21.38 0.49 0.00	22.99 0.60 0.00	21.32 0.74 0.00	21.23 0.82 0.00	20.69 0.92 0.00	19.98 0.86 0.00	16.87 0.81 0.00	20.00 0.96 0.00	21.14 1.09 0.00	20.46 1.09 0.00	23.35 1.21 0.00	29.49 1.49 0.00	34.14 1.63 0.00	40.55 1.58 0.00	33.46 1.29 0.00	34.76 1.18 0.00	27.74 0.97 0.00	21.27 0.67 0.00
ASTORIA_GT_11 24225	24.39 0.79 0.00	22.53 0.60 0.00	21.53 0.53 0.00	21.63 0.44 0.00	20.85 0.46 0.00	16.60 0.46 0.00	21.38 0.49 0.00	22.99 0.60 0.00	21.32 0.74 0.00	21.23 0.82 0.00	20.69 0.92 0.00	19.98 0.86 0.00	16.87 0.81 0.00	20.00 0.96 0.00	21.14 1.09 0.00	20.46 1.09 0.00	23.35 1.21 0.00	29.49 1.49 0.00	34.14 1.63 0.00	40.55 1.58 0.00	33.46 1.29 0.00	34.76 1.18 0.00	27.74 0.97 0.00	21.27 0.67 0.00
ASTORIA_GT_12 24226	24.39 0.79 0.00	22.53 0.60 0.00	21.53 0.53 0.00	21.63 0.44 0.00	20.85 0.46 0.00	16.60 0.46 0.00	21.38 0.49 0.00	22.99 0.60 0.00	21.32 0.74 0.00	21.23 0.82 0.00	20.69 0.92 0.00	19.98 0.86 0.00	16.87 0.81 0.00	20.00 0.96 0.00	21.14 1.09 0.00	20.46 1.09 0.00	23.35 1.21 0.00	29.49 1.49 0.00	34.14 1.63 0.00	40.55 1.58 0.00	33.46 1.29 0.00	34.76 1.18 0.00	27.74 0.97 0.00	21.27 0.67 0.00
ASTORIA_GT_13 24227	24.39 0.79 0.00	22.53 0.60 0.00	21.53 0.53 0.00	21.63 0.44 0.00	20.85 0.46 0.00	16.60 0.46 0.00	21.38 0.49 0.00	22.99 0.60 0.00	21.32 0.74 0.00	21.23 0.82 0.00	20.69 0.92 0.00	19.98 0.86 0.00	16.87 0.81 0.00	20.00 0.96 0.00	21.14 1.09 0.00	20.46 1.09 0.00	23.35 1.21 0.00	29.49 1.49 0.00	34.14 1.63 0.00	40.55 1.58 0.00	33.46 1.29 0.00	34.76 1.18 0.00	27.74 0.97 0.00	21.27 0.67 0.00
ASTORIA_GT_5 24106	24.46 0.86 0.00	22.57 0.64 0.00	21.51 0.52 0.00	21.62 0.42 0.00	20.83 0.43 0.00	16.58 0.44 0.00	21.32 0.43 0.00	22.99 0.59 0.00	21.28 0.70 0.00	21.18 0.77 0.00	20.65 0.88 0.00	19.96 0.84 0.00	16.84 0.77 0.00	19.96 0.92 0.00	21.13 1.08 0.00	20.45 1.08 0.00	23.35 1.21 0.00	29.49 1.49 0.00	34.16 1.66 0.00	40.66 1.69 0.00	33.55 1.38 0.00	34.84 1.26 0.00	27.82 1.06 0.00	21.32 0.72 0.00
ASTORIA_GT_7 24107	24.46 0.86 0.00	22.57 0.64 0.00	21.51 0.52 0.00	21.62 0.42 0.00	20.83 0.43 0.00	16.58 0.44 0.00	21.32 0.43 0.00	22.99 0.59 0.00	21.28 0.70 0.00	21.18 0.77 0.00	20.65													

ATHENS_STG_1 23668	23.96 0.37 0.00	22.21 0.29 0.00	21.26 0.26 0.00	21.43 0.23 0.00	20.61 0.22 0.00	16.36 0.22 0.00	21.15 0.26 0.00	22.69 0.30 0.00	20.90 0.33 0.00	20.75 0.33 0.00	20.14 0.37 0.00	19.46 0.34 0.00	16.40 0.34 0.00	19.46 0.42 0.00	20.55 0.49 0.00	19.88 0.50 0.00	22.72 0.57 0.00	28.74 0.74 0.00	33.26 0.75 0.00	39.73 0.76 0.00	32.79 0.62 0.00	34.16 0.58 0.00	27.21 0.45 0.00	20.89 0.29 0.00
ATHENS_STG_2 23670	23.96 0.37 0.00	22.21 0.29 0.00	21.26 0.26 0.00	21.43 0.23 0.00	20.61 0.22 0.00	16.36 0.22 0.00	21.15 0.26 0.00	22.69 0.30 0.00	20.90 0.33 0.00	20.75 0.33 0.00	20.14 0.37 0.00	19.46 0.34 0.00	16.40 0.34 0.00	19.46 0.42 0.00	20.55 0.49 0.00	19.88 0.50 0.00	22.72 0.57 0.00	28.74 0.74 0.00	33.26 0.75 0.00	39.73 0.76 0.00	32.79 0.62 0.00	34.16 0.58 0.00	27.21 0.45 0.00	20.89 0.29 0.00
ATHENS_STG_3 23677	23.96 0.37 0.00	22.21 0.29 0.00	21.26 0.26 0.00	21.43 0.23 0.00	20.61 0.22 0.00	16.36 0.22 0.00	21.15 0.26 0.00	22.69 0.30 0.00	20.90 0.33 0.00	20.75 0.33 0.00	20.14 0.37 0.00	19.46 0.34 0.00	16.40 0.34 0.00	19.46 0.42 0.00	20.55 0.49 0.00	19.88 0.50 0.00	22.72 0.57 0.00	28.74 0.74 0.00	33.26 0.75 0.00	39.73 0.76 0.00	32.79 0.62 0.00	34.16 0.58 0.00	27.21 0.45 0.00	20.89 0.29 0.00
AUBURN___LFGE 323710	23.32 -0.27 0.00	21.74 -0.18 0.00	20.88 -0.12 0.00	21.05 -0.14 0.00	20.26 -0.13 0.00	16.03 -0.11 0.00	20.76 -0.13 0.00	22.25 -0.14 0.00	20.35 -0.22 0.00	20.14 -0.27 0.00	19.61 -0.16 0.00	19.02 -0.10 0.00	16.00 -0.07 0.00	18.85 -0.19 0.00	19.78 -0.28 0.00	19.07 -0.31 0.00	21.82 -0.33 0.00	27.48 -0.52 0.00	32.25 -0.25 0.00	38.83 -0.14 0.00	32.03 -0.13 0.00	33.49 -0.09 0.00	26.71 -0.06 0.00	20.49 -0.12 0.00
BABYLON_RES_REC 323704	24.65 1.05 0.00	22.70 0.78 0.00	21.70 0.70 0.00	21.82 0.63 0.00	20.95 0.56 0.00	16.63 0.50 0.00	21.40 0.51 0.00	23.01 0.61 0.00	21.30 0.72 0.00	21.19 0.78 0.00	20.71 0.94 0.00	19.99 0.87 0.00	16.84 0.78 0.00	20.02 0.99 0.00	21.28 1.23 0.00	20.65 1.27 0.00	23.60 1.44 -0.01	29.80 1.80 0.00	34.41 1.90 0.00	40.81 1.84 0.00	33.58 1.41 0.00	34.92 1.34 0.00	27.89 1.13 0.00	21.39 0.79 0.00
BALL_HILL_WT_PWR 323825	22.92 -0.68 0.00	21.42 -0.50 0.00	20.86 -0.13 0.00	21.02 -0.17 0.00	20.14 -0.26 0.00	15.80 -0.33 0.00	20.51 -0.38 0.00	21.99 -0.41 0.00	20.19 -0.39 0.00	20.06 -0.35 0.00	19.62 -0.15 0.00	19.02 -0.10 0.00	15.93 -0.14 0.00	18.69 -0.34 0.00	19.56 -0.50 0.00	18.97 -0.41 0.00	21.58 -0.57 0.00	26.89 -1.11 0.00	31.39 -1.12 0.00	37.75 -1.22 0.00	31.01 -1.16 0.00	32.64 -0.95 0.00	26.16 -0.60 0.00	20.30 -0.31 0.00
BARON_WINDS___WT_PWR 323822	22.78 -0.82 0.00	21.24 -0.68 0.00	20.59 -0.41 0.00	20.70 -0.50 0.00	19.88 -0.51 0.00	15.69 -0.45 0.00	20.43 -0.46 0.00	21.90 -0.50 0.00	19.93 -0.64 0.00	19.76 -0.65 0.00	19.25 -0.52 0.00	18.67 -0.45 0.00	15.66 -0.41 0.00	18.41 -0.62 0.00	19.32 -0.74 0.00	18.69 -0.69 0.00	21.32 -0.83 0.00	26.77 -1.23 0.00	31.54 -0.96 0.00	38.18 -0.79 0.00	31.42 -0.75 0.00	33.02 -0.56 0.00	26.35 -0.41 0.00	20.24 -0.37 0.00
BARRETT_IC_1 23704	24.47 0.87 0.00	22.56 0.64 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.85 0.46 0.00	16.55 0.42 0.00	21.28 0.39 0.00	22.87 0.47 0.00	21.18 0.61 0.00	21.10 0.68 0.00	20.65 0.88 0.00	19.94 0.81 0.00	16.82 0.76 0.00	19.98 0.95 0.00	21.21 1.15 0.00	20.55 1.17 0.00	23.42 1.27 -0.01	29.50 1.50 0.00	34.04 1.54 0.00	40.41 1.45 0.00	33.27 1.10 0.00	34.65 1.07 0.00	27.69 0.92 0.00	21.25 0.64 0.00
BARRETT_IC_10 23701	24.47 0.87 0.00	22.56 0.64 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.85 0.46 0.00	16.55 0.42 0.00	21.28 0.39 0.00	22.87 0.47 0.00	21.18 0.61 0.00	21.10 0.68 0.00	20.65 0.88 0.00	19.94 0.81 0.00	16.82 0.76 0.00	19.98 0.95 0.00	21.21 1.15 0.00	20.55 1.17 0.00	23.42 1.27 -0.01	29.50 1.50 0.00	34.04 1.54 0.00	40.41 1.45 0.00	33.27 1.10 0.00	34.65 1.07 0.00	27.69 0.92 0.00	21.25 0.64 0.00
BARRETT_IC_11 23702	24.47 0.87 0.00	22.56 0.64 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.85 0.46 0.00	16.55 0.42 0.00	21.28 0.39 0.00	22.87 0.47 0.00	21.18 0.61 0.00	21.10 0.68 0.00	20.65 0.88 0.00	19.94 0.81 0.00	16.82 0.76 0.00	19.98 0.95 0.00	21.21 1.15 0.00	20.55 1.17 0.00	23.42 1.27 -0.01	29.50 1.50 0.00	34.04 1.54 0.00	40.41 1.45 0.00	33.27 1.10 0.00	34.65 1.07 0.00	27.69 0.92 0.00	21.25 0.64 0.00
BARRETT_IC_12 23703	24.47 0.87 0.00	22.56 0.64 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.85 0.46 0.00	16.55 0.42 0.00	21.28 0.39 0.00	22.87 0.47 0.00	21.18 0.61 0.00	21.10 0.68 0.00	20.65 0.88 0.00	19.94 0.81 0.00	16.82 0.76 0.00	19.98 0.95 0.00	21.21 1.15 0.00	20.55 1.17 0.00	23.42 1.27 -0.01	29.50 1.50 0.00	34.04 1.54 0.00	40.41 1.45 0.00	33.27 1.10 0.00	34.65 1.07 0.00	27.69 0.92 0.00	21.25 0.64 0.00
BARRETT_IC_2 23705	24.47 0.87 0.00	22.56 0.64 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.85 0.46 0.00	16.55 0.42 0.00	21.28 0.39 0.00	22.87 0.47 0.00	21.18 0.61 0.00	21.10 0.68 0.00	20.65 0.88 0.00	19.94 0.81 0.00	16.82 0.76 0.00	19.98 0.95 0.00	21.21 1.15 0.00	20.55 1.17 0.00	23.42 1.27 -0.01	29.50 1.50 0.00	34.04 1.54 0.00	40.41 1.45 0.00	33.27 1.10 0.00	34.65 1.07 0.00	27.69 0.92 0.00	21.25 0.64 0.00
BARRETT_IC_3 23706	24.47 0.87 0.00	22.56 0.64 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.85 0.46 0.00	16.55 0.42 0.00	21.28 0.39 0.00	22.87 0.47 0.00	21.18 0.61 0.00	21.10 0.68 0.00	20.65 0.88 0.00	19.94 0.81 0.00	16.82 0.76 0.00	19.98 0.95 0.00	21.21 1.15 0.00	20.55 1.17 0.00	23.42 1.27 -0.01	29.50 1.50 0.00	34.04 1.54 0.00	40.41 1.45 0.00	33.27 1.10 0.00	34.65 1.07 0.00	27.69 0.92 0.00	21.25 0.64 0.00
BARRETT_IC_4 23707	24.47 0.87 0.00	22.56 0.64 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.85 0.46 0.00	16.55 0.42 0.00	21.28 0.39 0.00	22.87 0.47 0.00	21.18 0.61 0.00	21.10 0.68 0.00	20.65 0.88 0.00	19.94 0.81 0.00	16.82 0.76 0.00	19.98 0.95 0.00	21.21 1.15 0.00	20.55 1.17 0.00	23.42 1.27 -0.01	29.50 1.50 0.00	34.04 1.54 0.00	40.41 1.45 0.00	33.27 1.10 0.00	34.65 1.07 0.00	27.69 0.92 0.00	21.25 0.64 0.00
BARRETT_IC_5 23708	24.47 0.87 0.00	22.56 0.64 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.85 0.46 0.00	16.55 0.42 0.00	21.28 0.39 0.00	22.87 0.47 0.00	21.18 0.61 0.00	21.10 0.68 0.00	20.65 0.88 0.00	19.94 0.81 0.00	16.82 0.76 0.00	19.98 0.95 0.00	21.21 1.15 0.00	20.55 1.17 0.00	23.42 1.27 -0.01	29.50 1.50 0.00	34.04 1.54 0.00	40.41 1.45 0.00	33.27 1.10 0.00	34.65 1.07 0.00	27.69 0.92 0.00	21.25 0.64 0.00

BARRETT_IC_6 23709	24.47 0.87 0.00	22.56 0.64 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.85 0.46 0.00	16.55 0.42 0.00	21.28 0.39 0.00	22.87 0.47 0.00	21.18 0.61 0.00	21.10 0.68 0.00	20.65 0.88 0.00	19.94 0.81 0.00	16.82 0.76 0.00	19.98 0.95 0.00	21.21 1.15 0.00	20.55 1.17 0.00	23.42 1.27 -0.01	29.50 1.50 0.00	34.04 1.54 0.00	40.41 1.45 0.00	33.27 1.10 0.00	34.65 1.07 0.00	27.69 0.92 0.00	21.25 0.64 0.00
BARRETT_IC_7 23710	24.47 0.87 0.00	22.56 0.64 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.85 0.46 0.00	16.55 0.42 0.00	21.28 0.39 0.00	22.87 0.47 0.00	21.18 0.61 0.00	21.10 0.68 0.00	20.65 0.88 0.00	19.94 0.81 0.00	16.83 0.76 0.00	19.98 0.95 0.00	21.21 1.15 0.00	20.55 1.17 0.00	23.42 1.27 -0.01	29.50 1.50 0.00	34.04 1.54 0.00	40.41 1.45 0.00	33.27 1.10 0.00	34.65 1.07 0.00	27.69 0.93 0.00	21.25 0.64 0.00
BARRETT_IC_8 23711	24.47 0.87 0.00	22.56 0.64 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.85 0.46 0.00	16.55 0.42 0.00	21.28 0.39 0.00	22.87 0.47 0.00	21.18 0.61 0.00	21.10 0.68 0.00	20.65 0.88 0.00	19.94 0.81 0.00	16.82 0.76 0.00	19.98 0.95 0.00	21.21 1.15 0.00	20.55 1.17 0.00	23.42 1.27 -0.01	29.50 1.50 0.00	34.04 1.54 0.00	40.41 1.45 0.00	33.27 1.10 0.00	34.65 1.07 0.00	27.69 0.92 0.00	21.25 0.64 0.00
BARRETT_IC_9 23700	24.47 0.87 0.00	22.56 0.64 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.85 0.46 0.00	16.55 0.42 0.00	21.28 0.39 0.00	22.87 0.47 0.00	21.18 0.61 0.00	21.10 0.68 0.00	20.65 0.88 0.00	19.94 0.81 0.00	16.82 0.76 0.00	19.98 0.95 0.00	21.21 1.15 0.00	20.55 1.17 0.00	23.42 1.27 -0.01	29.50 1.50 0.00	34.04 1.54 0.00	40.41 1.45 0.00	33.27 1.10 0.00	34.65 1.07 0.00	27.69 0.92 0.00	21.25 0.64 0.00
BARRETT___1 23545	24.47 0.87 0.00	22.56 0.64 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.85 0.46 0.00	16.55 0.42 0.00	21.28 0.39 0.00	22.87 0.47 0.00	21.18 0.61 0.00	21.10 0.68 0.00	20.65 0.88 0.00	19.94 0.81 0.00	16.82 0.76 0.00	19.98 0.95 0.00	21.21 1.15 0.00	20.55 1.17 0.00	23.42 1.27 -0.01	29.50 1.50 0.00	34.04 1.54 0.00	40.41 1.45 0.00	33.27 1.10 0.00	34.65 1.07 0.00	27.69 0.92 0.00	21.25 0.64 0.00
BARRETT___2 23546	24.47 0.87 0.00	22.56 0.64 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.85 0.46 0.00	16.55 0.42 0.00	21.28 0.39 0.00	22.87 0.47 0.00	21.18 0.61 0.00	21.10 0.68 0.00	20.65 0.88 0.00	19.94 0.81 0.00	16.82 0.76 0.00	19.98 0.95 0.00	21.21 1.15 0.00	20.55 1.17 0.00	23.42 1.27 -0.01	29.50 1.50 0.00	34.04 1.54 0.00	40.41 1.45 0.00	33.27 1.10 0.00	34.65 1.07 0.00	27.69 0.92 0.00	21.25 0.64 0.00
BATAVIA___115KV_TB1 55881	23.43 -0.17 0.00	21.91 -0.02 0.00	21.30 0.30 0.00	21.47 0.28 0.00	20.53 0.14 0.00	16.10 -0.04 0.00	20.87 -0.02 0.00	22.33 -0.07 0.00	20.44 -0.14 0.00	20.16 -0.26 0.00	19.63 -0.14 0.00	19.17 0.05 0.00	16.05 -0.02 0.00	18.83 -0.20 0.00	19.66 -0.39 0.00	19.00 -0.38 0.00	21.85 -0.30 0.00	27.05 -0.95 0.00	31.76 -0.74 0.00	38.43 -0.55 0.00	31.74 -0.42 0.00	33.30 -0.28 0.00	26.68 -0.09 0.00	20.73 0.13 0.00
BAYONEEC___CTG1 323682	24.37 0.78 0.00	22.51 0.59 0.00	21.53 0.53 0.00	21.64 0.45 0.00	20.85 0.46 0.00	16.59 0.46 0.00	21.38 0.49 0.00	23.00 0.60 0.00	21.30 0.72 0.00															

BAYONEEC___CTG8 323689	24.37 0.78 0.00	22.51 0.59 0.00	21.53 0.53 0.00	21.64 0.45 0.00	20.85 0.46 0.00	16.59 0.46 0.00	21.38 0.49 0.00	23.00 0.60 0.00	21.30 0.72 0.00	21.22 0.80 0.00	20.68 0.91 0.00	19.95 0.83 0.00	16.86 0.79 0.00	19.99 0.95 0.00	21.14 1.09 0.00	20.48 1.11 0.00	23.38 1.23 0.00	29.51 1.51 0.00	34.14 1.64 0.00	40.59 1.62 0.00	33.48 1.32 0.00	34.79 1.21 0.00	27.74 0.98 0.00	21.26 0.66 0.00
BAYONEEC___CTG9 323749	24.37 0.78 0.00	22.51 0.59 0.00	21.53 0.53 0.00	21.64 0.45 0.00	20.85 0.46 0.00	16.59 0.46 0.00	21.38 0.49 0.00	23.00 0.60 0.00	21.30 0.72 0.00	21.22 0.80 0.00	20.68 0.91 0.00	19.95 0.83 0.00	16.86 0.79 0.00	19.99 0.95 0.00	21.14 1.09 0.00	20.48 1.11 0.00	23.38 1.23 0.00	29.51 1.51 0.00	34.14 1.64 0.00	40.59 1.62 0.00	33.48 1.32 0.00	34.79 1.21 0.00	27.74 0.98 0.00	21.26 0.66 0.00
BEACON___LESR 323632	23.86 0.26 0.00	22.14 0.21 0.00	21.18 0.18 0.00	21.41 0.22 0.00	20.55 0.16 0.00	16.32 0.19 0.00	21.13 0.24 0.00	22.63 0.23 0.00	20.80 0.22 0.00	20.58 0.17 0.00	19.96 0.19 0.00	19.32 0.20 0.00	16.25 0.18 0.00	19.32 0.28 0.00	20.38 0.33 0.00	19.74 0.36 0.00	22.59 0.44 0.00	28.62 0.62 0.00	33.07 0.56 0.00	39.52 0.55 0.00	32.60 0.44 0.00	33.98 0.39 0.00	27.01 0.25 0.00	20.79 0.19 0.00
BEAVER RIVER___HYD 24048	24.32 0.73 0.00	22.42 0.49 0.00	21.42 0.43 0.00	21.77 0.57 0.00	21.13 0.74 0.00	16.73 0.60 0.00	21.64 0.74 0.00	23.06 0.67 0.00	20.93 0.35 0.00	20.47 0.05 0.00	19.50 -0.27 0.00	18.73 -0.39 0.00	15.56 -0.50 0.00	18.58 -0.46 0.00	19.55 -0.51 0.00	18.88 -0.49 0.00	22.00 -0.15 0.00	28.13 0.12 0.00	32.89 0.39 0.00	39.71 0.74 0.00	32.87 0.70 0.00	34.42 0.84 0.00	27.56 0.80 0.00	21.38 0.77 0.00
BEEBEE_GT_13 23619	23.19 -0.41 0.00	21.66 -0.26 0.00	20.96 -0.04 0.00	21.14 -0.05 0.00	20.25 -0.14 0.00	15.92 -0.22 0.00	20.64 -0.26 0.00	22.11 -0.29 0.00	20.29 -0.28 0.00	20.15 -0.26 0.00	19.64 -0.13 0.00	19.09 -0.03 0.00	16.00 -0.06 0.00	18.84 -0.19 0.00	19.74 -0.31 0.00	19.09 -0.29 0.00	21.68 -0.47 0.00	27.26 -0.74 0.00	31.81 -0.69 0.00	38.22 -0.75 0.00	31.52 -0.65 0.00	33.02 -0.56 0.00	26.39 -0.38 0.00	20.44 -0.16 0.00
BENSHRST_27_KV_BENSHRST_1 355998	24.58 0.98 0.00	22.69 0.77 0.00	21.68 0.68 0.00	21.79 0.60 0.00	21.00 0.61 0.00	16.71 0.58 0.00	21.53 0.64 0.00	23.17 0.77 0.00	21.47 0.90 0.00	21.38 0.96 0.00	20.83 1.06 0.00	20.12 0.99 0.00	16.99 0.93 0.00	20.14 1.10 0.00	21.30 1.24 0.00	20.62 1.25 0.00	23.54 1.39 0.00	29.75 1.74 0.00	34.46 1.95 0.00	40.92 1.95 0.00	33.76 1.59 0.00	35.07 1.48 0.00	27.98 1.21 0.00	21.45 0.84 0.00
BETHLEHEM___GRP 23843	23.56 -0.04 0.00	21.88 -0.05 0.00	20.94 -0.06 0.00	21.11 -0.08 0.00	20.31 -0.08 0.00	16.11 -0.03 0.00	20.83 -0.06 0.00	22.34 -0.06 0.00	20.54 -0.04 0.00	20.35 -0.06 0.00	19.72 -0.04 0.00	19.09 -0.03 0.00	16.08 0.02 0.00	19.09 0.05 0.00	20.16 0.10 0.00	19.50 0.12 0.00	22.26 0.12 0.00	28.15 0.15 0.00	32.50 0.00 0.00	38.86 -0.11 0.00	32.08 -0.09 0.00	33.45 -0.14 0.00	26.61 -0.15 0.00	20.53 -0.08 0.00
BETHLEHEM___GS1 323560	23.56 -0.04 0.00	21.88 -0.05 0.00	20.94 -0.06 0.00	21.11 -0.08 0.00	20.31 -0.08 0.00	16.11 -0.03 0.00	20.83 -0.06 0.00	22.34 -0.06 0.00	20.54 -0.04 0.00	20.35 -0.06 0.00	19.72 -0.04 0.00	19.09 -0.03 0.00	16.08 0.02 0.00	19.09 0.05 0.00	20.16 0.10 0.00	19.50 0.12 0.00	22.27 0.12 0.00	28.16 0.15 0.00	32.50 0.00 0.00	38.87 -0.10 0.00	32.08 -0.09 0.00	33.45 -0.14 0.00	26.61 -0.15 0.00	20.53 -0.08 0.00
BETHLEHEM___GS2 323561	23.56 -0.04 0.00	21.88 -0.05 0.00	20.94 -0.06 0.00	21.11 -0.08 0.00	20.31 -0.08 0.00	16.11 -0.03 0.00	20.83 -0.06 0.00	22.34 -0.06 0.00	20.54 -0.04 0.00	20.35 -0.06 0.00	19.72 -0.04 0.00	19.09 -0.03 0.00	16.08 0.02 0.00	19.09 0.05 0.00	20.16 0.10 0.00	19.50 0.12 0.00	22.27 0.12 0.00	28.16 0.15 0.00	32.50 0.00 0.00	38.87 -0.10 0.00	32.08 -0.09 0.00	33.45 -0.14 0.00	26.61 -0.15 0.00	20.53 -0.08 0.00
BETHLEHEM___GS3 323562	23.56 -0.04 0.00	21.88 -0.05 0.00	20.94 -0.06 0.00	21.11 -0.08 0.00	20.31 -0.08 0.00	16.11 -0.03 0.00	20.83 -0.06 0.00	22.34 -0.06 0.00	20.54 -0.04 0.00	20.35 -0.06 0.00	19.72 -0.04 0.00	19.09 -0.03 0.00	16.08 0.02 0.00	19.09 0.05 0.00	20.16 0.10 0.00	19.50 0.12 0.00	22.27 0.12 0.00	28.16 0.15 0.00	32.50 0.00 0.00	38.87 -0.10 0.00	32.08 -0.09 0.00	33.45 -0.14 0.00	26.61 -0.15 0.00	20.53 -0.08 0.00
BETHLEHEM___STEEL 23779	22.94 -0.66 0.00	21.47 -0.46 0.00	20.91 -0.08 0.00	21.08 -0.12 0.00	20.14 -0.25 0.00	15.79 -0.35 0.00	20.48 -0.42 0.00	21.94 -0.46 0.00	20.17 -0.41 0.00	20.04 -0.37 0.00	19.59 -0.17 0.00	19.03 -0.09 0.00	15.94 -0.12 0.00	18.72 -0.32 0.00	19.57 -0.49 0.00	18.96 -0.41 0.00	21.53 -0.62 0.00	26.80 -1.20 0.00	31.25 -1.26 0.00	37.59 -1.38 0.00	30.95 -1.22 0.00	32.57 -1.02 0.00	26.12 -0.64 0.00	20.32 -0.28 0.00
BETHLHEM_115KV_TB1 79974	23.62 0.02 0.00	21.92 0.00 0.00	20.99 -0.01 0.00	21.17 -0.02 0.00	20.36 -0.03 0.00	16.15 0.01 0.00	20.88 -0.01 0.00	22.39 -0.01 0.00	20.59 0.01 0.00	20.41 -0.01 0.00	19.78 0.01 0.00	19.14 0.02 0.00	16.13 0.06 0.00	19.13 0.09 0.00	20.20 0.14 0.00	19.54 0.16 0.00	22.32 0.17 0.00	28.22 0.22 0.00	32.60 0.10 0.00	38.98 0.01 0.00	32.18 0.01 0.00	33.55 -0.04 0.00	26.70 -0.07 0.00	20.59 -0.02 0.00
BETHPAGE_CC_5 323564	24.63 1.04 0.00	22.70 0.78 0.00	21.71 0.71 0.00	21.83 0.64 0.00	20.97 0.58 0.00	16.65 0.52 0.00	21.43 0.54 0.00	23.04 0.64 0.00	21.33 0.75 0.00	21.24 0.83 0.00	20.77 1.00 0.00	20.05 0.93 0.00	16.91 0.84 0.00	20.09 1.05 0.00	21.33 1.28 0.00	20.68 1.31 0.00	23.60 1.44 -0.01	29.76 1.75 0.00	34.36 1.85 0.00	40.76 1.79 0.00	33.55 1.38 0.00	34.90 1.32 0.00	27.86 1.10 0.00	21.37 0.77 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.96 -0.64 0.00	21.48 -0.44 0.00	20.92 -0.07 0.00	21.09 -0.11 0.00	20.16 -0.23 0.00	15.80 -0.33 0.00	20.50 -0.39 0.00	21.97 -0.43 0.00	20.20 -0.38 0.00	20.07 -0.34 0.00	19.63 -0.14 0.00	19.06 -0.06 0.00	15.97 -0.10 0.00	18.74 -0.29 0.00	19.59 -0.46 0.00	18.99 -0.39 0.00	21.58 -0.57 0.00	26.86 -1.15 0.00	31.31 -1.19 0.00	37.65 -1.32 0.00	31.00 -1.17 0.00	32.63 -0.96 0.00	26.16 -0.61 0.00	20.34 -0.27 0.00
BINGHAMTON___COGEN 23790	23.30 -0.30 0.00	21.67 -0.25 0.00	20.84 -0.15 0.00	20.99 -0.20 0.00	20.21 -0.18 0.00	15.99 -0.14 0.00	20.73 -0.16 0.00	22.26 -0.14 0.00	20.41 -0.17 0.00	20.26 -0.16 0.00	19.69 -0.08 0.00	19.04 -0.09 0.00	16.00 -0.07 0.00	18.90 -0.13 0.00	19.88 -0.18 0.00	19.22 -0.16 0.00	21.97 -0.18 0.00	27.72 -0.28 0.00	32.34 -0.16 0.00	38.81 -0.16 0.00	31.94 -0.22 0.00	33.42 -0.16 0.00	26.63 -0.13 0.00	20.45 -0.15 0.00

BIXINCNT_115KV_LOAD 355685	23.01 -0.59 0.00	21.52 -0.40 0.00	20.95 -0.05 0.00	21.11 -0.08 0.00	20.21 -0.17 0.00	15.88 -0.25 0.00	20.61 -0.28 0.00	22.11 -0.29 0.00	20.31 -0.27 0.00	20.21 -0.20 0.00	19.72 -0.05 0.00	19.08 -0.04 0.00	16.00 -0.06 0.00	18.73 -0.30 0.00	19.53 -0.53 0.00	18.99 -0.39 0.00	21.65 -0.50 0.00	26.99 -1.01 0.00	31.45 -1.05 0.00	37.92 -1.05 0.00	31.22 -0.95 0.00	32.80 -0.78 0.00	26.26 -0.51 0.00	20.32 -0.29 0.00
BLACK RIVER___HYD 24047	24.42 0.82 0.00	22.50 0.58 0.00	21.49 0.49 0.00	21.87 0.68 0.00	21.26 0.87 0.00	16.84 0.71 0.00	21.77 0.88 0.00	23.20 0.80 0.00	20.98 0.41 0.00	20.41 -0.01 0.00	19.33 -0.44 0.00	18.61 -0.52 0.00	15.49 -0.57 0.00	18.57 -0.46 0.00	19.39 -0.67 0.00	18.75 -0.62 0.00	22.01 -0.14 0.00	28.24 0.24 0.00	33.12 0.62 0.00	40.02 1.05 0.00	33.12 0.95 0.00	34.68 1.10 0.00	27.78 1.02 0.00	21.53 0.92 0.00
BLACKRVR_115KV_TB2 79977	24.41 0.82 0.00	22.50 0.58 0.00	21.49 0.49 0.00	21.87 0.68 0.00	21.26 0.87 0.00	16.84 0.71 0.00	21.77 0.88 0.00	23.20 0.80 0.00	20.98 0.41 0.00	20.41 -0.01 0.00	19.33 -0.44 0.00	18.61 -0.52 0.00	15.49 -0.57 0.00	18.57 -0.46 0.00	19.39 -0.67 0.00	18.75 -0.62 0.00	22.01 -0.14 0.00	28.24 0.24 0.00	33.12 0.62 0.00	40.03 1.06 0.00	33.12 0.95 0.00	34.68 1.10 0.00	27.78 1.02 0.00	21.53 0.92 0.00
BLDWN_LI_69_KV_BK4 356085	24.65 1.06 0.00	22.72 0.79 0.00	21.71 0.72 0.00	21.83 0.64 0.00	20.98 0.59 0.00	16.65 0.52 0.00	21.43 0.54 0.00	23.03 0.64 0.00	21.33 0.75 0.00	21.24 0.83 0.00	20.77 1.00 0.00	20.06 0.93 0.00	16.92 0.86 0.00	20.10 1.07 0.00	21.34 1.29 0.00	20.69 1.31 0.00	23.63 1.47 -0.01	29.79 1.79 0.00	34.41 1.91 0.00	40.86 1.89 0.00	33.62 1.45 0.00	34.98 1.40 0.00	27.93 1.17 0.00	21.42 0.81 0.00
BLISS_WT_PWR 323608	22.99 -0.61 0.00	21.50 -0.42 0.00	20.93 -0.06 0.00	21.09 -0.10 0.00	20.20 -0.19 0.00	15.87 -0.26 0.00	20.60 -0.29 0.00	22.09 -0.31 0.00	20.29 -0.28 0.00	20.21 -0.21 0.00	19.71 -0.06 0.00	19.06 -0.06 0.00	16.00 -0.07 0.00	18.72 -0.31 0.00	19.50 -0.55 0.00	18.97 -0.41 0.00	21.63 -0.52 0.00	26.97 -1.03 0.00	31.43 -1.07 0.00	37.92 -1.05 0.00	31.22 -0.95 0.00	32.80 -0.78 0.00	26.25 -0.52 0.00	20.31 -0.30 0.00
BLUESTONE___WT_PWR 323821	24.15 0.55 0.00	22.01 0.08 0.00	21.20 0.20 0.00	21.33 0.14 0.00	20.35 -0.04 0.00	16.18 0.04 0.00	20.89 0.00 0.00	22.42 0.02 0.00	20.74 0.16 0.00	20.74 0.33 0.00	20.01 0.24 0.00	19.15 0.03 0.00	16.05 -0.01 0.00	18.97 -0.07 0.00	19.92 -0.14 0.00	19.19 -0.19 0.00	22.11 -0.04 0.00	28.09 0.09 0.00	33.17 0.67 0.00	40.17 1.20 0.00	33.14 0.97 0.00	34.79 1.21 0.00	27.76 1.00 0.00	21.23 0.63 0.00
BLUE_CIRC_CHEM_DRP 24182	23.86 0.26 0.00	22.16 0.24 0.00	21.22 0.22 0.00	21.42 0.22 0.00	20.60 0.21 0.00	16.33 0.19 0.00	21.12 0.23 0.00	22.60 0.20 0.00	20.69 0.11 0.00	20.48 0.06 0.00	19.84 0.07 0.00	19.20 0.08 0.00	16.19 0.12 0.00	19.19 0.15 0.00	20.27 0.22 0.00	19.59 0.21 0.00	22.42 0.27 0.00	28.41 0.41 0.00	32.94 0.43 0.00	39.44 0.47 0.00	32.55 0.38 0.00	33.94 0.36 0.00	27.01 0.25 0.00	20.80 0.19 0.00
BOC_GAS_DRP 24189	23.75 0.16 0.00	22.05 0.13 0.00	21.11 0.11 0.00	21.29 0.09 0.00	20.48 0.09 0.00	16.24 0.10 0.00	21.00 0.11 0.00	22.52 0.13 0.00	20.72 0.14 0.00	20.54 0.13 0.00	19.92 0.15 0.00	19.26 0.15 0.00	16.23 0.16 0.00	19.24 0.21 0.00	20.32 0.26 0.00	19.65 0.27 0.00	22.45 0.30 0.00	28.39 0.39 0.00	32.84 0.33 0.00	39.27 0.30 0.00	32.41 0.25 0.00	33.80 0.22 0.00	26.91 0.15 0.00	20.71 0.10 0.00
BOONVILLE_115KV_TB1 79983	24.13 0.53 0.00	22.31 0.39 0.00	21.36 0.36 0.00	21.61 0.42 0.00	20.89 0.50 0.00	16.56 0.42 0.00	21.43 0.54 0.00	22.89 0.49 0.00	20.87 0.29 0.00	20.59 0.18 0.00	19.80 0.04 0.00	19.09 -0.03 0.00	15.95 -0.11 0.00	18.93 -0.10 0.00	19.94 -0.11 0.00	19.26 -0.12 0.00	22.20 0.05 0.00	28.25 0.25 0.00	32.96 0.46 0.00	39.72 0.75 0.00	32.84 0.67 0.00	34.30 0.72 0.00	27.38 0.61 0.00	21.13 0.52 0.00
BORALEX_4TH_BRANCH 23824	24.26 0.67 0.00	22.53 0.61 0.00	21.55 0.56 0.00	21.77 0.57 0.00	20.90 0.51 0.00	16.58 0.45 0.00	21.49 0.59 0.00	23.04 0.64 0.00	21.19 0.62 0.00	20.97 0.56 0.00	20.22 0.45 0.00	19.54 0.42 0.00	16.44 0.38 0.00	19.55 0.51 0.00	20.66 0.61 0.00	20.01 0.63 0.00	22.87 0.72 0.00	29.08 1.07 0.00	33.38 0.87 0.00	39.99 1.02 0.00	33.03 0.86 0.00	34.58 0.99 0.00	27.45 0.68 0.00	21.06 0.45 0.00
BOWLINE___1 23526	24.19 0.59 0.00	22.35 0.43 0.00	21.38 0.38 0.00	21.51 0.31 0.00	20.70 0.31 0.00	16.47 0.33 0.00	21.25 0.36 0.00	22.84 0.44 0.00	21.10 0.52 0.00	20.98 0.57 0.00	20.40 0.63 0.00	19.70 0.58 0.00	16.64 0.57 0.00	19.75 0.71 0.00	20.88 0.83 0.00	20.22 0.85 0.00	23.11 0.96 0.00	29.19 1.19 0.00	33.82 1.31 0.00	40.30 1.33 0.00	33.20 1.03 0.00	34.52 0.94 0.00	27.54 0.77 0.00	21.09 0.49 0.00
BOWLINE___2 23595	24.18 0.58 0.00	22.34 0.42 0.00	21.37 0.37 0.00	21.50 0.31 0.00	20.70 0.31 0.00	16.46 0.33 0.00	21.25 0.36 0.00	22.83 0.43 0.00	21.09 0.51 0.00	20.98 0.56 0.00	20.39 0.63 0.00	19.70 0.58 0.00	16.64 0.57 0.00	19.74 0.71 0.00	20.88 0.82 0.00	20.21 0.84 0.00	23.10 0.96 0.00	29.18 1.18 0.00	33.81 1.30 0.00	40.30 1.33 0.00	33.18 1.01 0.00	34.51 0.92 0.00	27.52 0.76 0.00	21.09 0.49 0.00
BRADY___115KV_TB2 356060	24.69 1.09 0.00	22.86 0.94 0.00	21.84 0.85 0.00	22.09 0.89 0.00	21.28 0.89 0.00	16.77 0.63 0.00	21.73 0.84 0.00	23.27 0.87 0.00	21.30 0.73 0.00	21.06 0.65 0.00	20.39 0.62 0.00	19.74 0.63 0.00	16.44 0.38 0.00	19.41 0.37 0.00	20.56 0.51 0.00	19.91 0.53 0.00	22.78 0.63 0.00	28.86 0.86 0.00	33.64 1.14 0.00	40.50 1.53 0.00	33.45 1.28 0.00	34.95 1.37 0.00	27.82 1.05 0.00	21.49 0.88 0.00
BRANSCOMB___SOLAR 323811	24.54 0.94 0.00	22.78 0.86 0.00	21.80 0.80 0.00	22.00 0.81 0.00	21.14 0.75 0.00	16.76 0.62 0.00	21.72 0.83 0.00	23.28 0.88 0.00	21.27 0.69 0.00	20.98 0.57 0.00	20.22 0.44 0.00	19.62 0.50 0.00	16.54 0.47 0.00	19.66 0.62 0.00	20.73 0.67 0.00	20.12 0.74 0.00	23.04 0.89 0.00	29.35 1.34 0.00	33.96 1.46 0.00	40.77 1.81 0.00	33.64 1.47 0.00	35.07 1.49 0.00	27.86 1.10 0.00	21.37 0.77 0.00
BRDGHMPT_69_KV_BK1 55812	24.98 1.38 0.00	22.83 0.90 0.00	21.77 0.78 0.00	21.99 0.80 0.00	21.07 0.68 0.00	16.69 0.56 0.00	21.60 0.71 0.00	23.23 0.83 0.00	21.49 0.91 0.00	21.48 1.07 0.00	21.07 1.30 0.00	20.36 1.24 0.00	17.13 1.06 0.00	20.35 1.32 0.00	21.66 1.61 0.00	21.09 1.71 0.00	24.23 2.07 -0.01	30.61 2.60 0.00	35.35 2.85 0.00	41.72 2.75 0.00	34.13 1.96 0.00	35.37 1.79 0.00	28.25 1.49 0.00	21.68 1.07 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	24.72 1.13 0.00	22.77 0.85 0.00	21.77 0.78 0.00	21.89 0.70 0.00	21.03 0.64 0.00	16.69 0.55 0.00	21.46 0.57 0.00	23.06 0.67 0.00	21.36 0.78 0.00	21.27 0.85 0.00	20.80 1.03 0.00	20.07 0.95 0.00	16.90 0.84 0.00	20.10 1.06 0.00	21.38 1.33 0.00	20.74 1.36 0.00	23.68 1.52 -0.01	29.89 1.89 0.00	34.52 2.02 0.00	40.90 1.93 0.00	33.61 1.44 0.00	34.99 1.40 0.00	27.95 1.19 0.00	21.47 0.86 0.00
BRISTLHL_115KV_TB1 79998	22.97 -0.63 0.00	21.41 -0.51 0.00	20.56 -0.44 0.00	20.75 -0.45 0.00	19.95 -0.44 0.00	15.79 -0.34 0.00	20.43 -0.46 0.00	21.90 -0.50 0.00	20.09 -0.49 0.00	19.93 -0.49 0.00	19.35 -0.42 0.00	18.74 -0.39 0.00	15.72 -0.34 0.00	18.59 -0.45 0.00	19.52 -0.53 0.00	18.80 -0.57 0.00	21.46 -0.69 0.00	27.12 -0.89 0.00	31.61 -0.89 0.00	37.97 -1.00 0.00	31.35 -0.82 0.00	32.74 -0.84 0.00	26.13 -0.64 0.00	20.12 -0.49 0.00
BROOKHAVEN___DRP 24191	24.45 0.85 0.00	22.48 0.56 0.00	21.48 0.48 0.00	21.62 0.42 0.00	20.75 0.36 0.00	16.46 0.33 0.00	21.19 0.30 0.00	22.77 0.37 0.00	21.09 0.51 0.00	21.01 0.59 0.00	20.56 0.79 0.00	19.83 0.71 0.00	16.70 0.64 0.00	19.87 0.83 0.00	21.15 1.10 0.00	20.54 1.16 0.00	23.50 1.34 -0.01	29.68 1.67 0.00	34.30 1.79 0.00	40.61 1.64 0.00	33.32 1.15 0.00	34.64 1.05 0.00	27.66 0.90 0.00	21.25 0.64 0.00
BROOKLYN_NAVY_YARD 23515	24.33 0.74 0.00	22.47 0.55 0.00	21.48 0.49 0.00	21.59 0.40 0.00	20.79 0.40 0.00	16.55 0.41 0.00	21.33 0.44 0.00	22.94 0.54 0.00	21.25 0.67 0.00	21.18 0.76 0.00	20.63 0.86 0.00	19.90 0.78 0.00	16.82 0.75 0.00	19.95 0.91 0.00	21.09 1.04 0.00	20.43 1.06 0.00	23.32 1.17 0.00	29.43 1.43 0.00	34.05 1.55 0.00	40.52 1.55 0.00	33.41 1.25 0.00	34.73 1.15 0.00	27.70 0.94 0.00	21.24 0.63 0.00
BROOKLYN___ARMY_DRP 323595	24.45 0.85 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.91 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.89 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
BROOME_2_LFGE 323671	23.30 -0.30 0.00	21.67 -0.25 0.00	20.84 -0.15 0.00	20.99 -0.20 0.00	20.21 -0.19 0.00	15.99 -0.14 0.00	20.73 -0.16 0.00	22.26 -0.14 0.00	20.41 -0.17 0.00	20.26 -0.16 0.00	19.69 -0.08 0.00	19.04 -0.08 0.00	16.00 -0.07 0.00	18.91 -0.13 0.00	19.88 -0.18 0.00	19.22 -0.16 0.00	21.97 -0.18 0.00	27.72 -0.28 0.00	32.34 -0.16 0.00	38.81 -0.16 0.00	31.94 -0.22 0.00	33.43 -0.16 0.00	26.63 -0.13 0.00	20.45 -0.15 0.00
BROOME___LFGE 323600	23.30 -0.30 0.00	21.67 -0.25 0.00	20.84 -0.15 0.00	20.99 -0.20 0.00	20.21 -0.19 0.00	15.99 -0.14 0.00	20.73 -0.16 0.00	22.26 -0.14 0.00	20.41 -0.17 0.00	20.26 -0.16 0.00	19.69 -0.08 0.00	19.04 -0.08 0.00	16.00 -0.07 0.00	18.91 -0.13 0.00	19.88 -0.18 0.00	19.22 -0.16 0.00	21.97 -0.18 0.00	27.72 -0.28 0.00	32.34 -0.16 0.00	38.81 -0.16 0.00	31.94 -0.22 0.00	33.43 -0.16 0.00	26.63 -0.13 0.00	20.45 -0.15 0.00
BROWNFLS_115KV_TB 3_5 80003	24.40 0.81 0.00	22.54 0.61 0.00	21.53 0.53 0.00	21.83 0.64 0.00	21.13 0.74 0.00	16.70 0.56 0.00	21.60 0.71 0.00	23.08 0.68 0.00	21.04 0.46 0.00	20.68 0.26 0.00	19.82 0.06 0.00	19.11 -0.02 0.00	15.91 -0.16 0.00	18.91 -0.13 0.00	19.94 -0.11 0.00	19.29 -0.09 0.00	22.31 0.16 0.00	28.40 0.39 0.00	33.13 0.62 0.00	39.93 0.96 0.00	33.02 0.85 0.00	34.53 0.95 0.00	27.57 0.81 0.00	21.36 0.75 0.00
BROWNSV1_27_KV_LOAD 356125	24.58 0.98 0.00	22.69 0.77 0.00	21.70 0.70 0.00	21.81 0.62 0.00	21.00 0.61 0.00	16.71 0.57 0.00	21.55 0.66 0.00	23.17 0.77 0.00	21.46 0.89 0.00	21.38 0.97 0.00	20.84 1.07 0.00	20.11 0.99 0.00	16.99 0.93 0.00	20.15 1.12 0.00	21.32 1.27 0.00	20.65 1.28 0.00	23.59 1.44 0.00	29.77 1.76 0.00	34.44 1.94 0.00	40.96 1.99 0.00	33.78 1.61 0.00	35.10 1.52 0.00	27.98 1.22 0.00	21.45 0.84 0.00
BURROWS___LYONSDAL 23803	24.15 0.56 0.00	22.31 0.39 0.00	21.35 0.35 0.00	21.64 0.44 0.00	20.94 0.55 0.00	16.59 0.46 0.00	21.47 0.58 0.00	22.92 0.52 0.00	20.87 0.29 0.00	20.54 0.13 0.00	19.70 -0.07 0.00	18.95 -0.17 0.00	15.80 -0.26 0.00	18.79 -0.24 0.00	19.80 -0.25 0.00	19.12 -0.26 0.00	22.10 -0.05 0.00	28.16 0.16 0.00	32.88 0.38 0.00	39.65 0.69 0.00	32.80 0.63 0.00	34.27 0.69 0.00	27.38 0.62 0.00	21.17 0.57 0.00
CAITHNESS_CC_1 323624	24.45 0.85 0.00	22.49 0.57 0.00	21.50 0.50 0.00	21.63 0.43 0.00	20.76 0.37 0.00	16.48 0.34 0.00	21.20 0.31 0.00	22.78 0.39 0.00	21.10 0.52 0.00	21.02 0.61 0.00	20.56 0.80 0.00	19.84 0.72 0.00	16.71 0.65 0.00	19.88 0.85 0.00	21.15 1.10 0.00	20.54 1.17 0.00	23.49 1.33 -0.01	29.65 1.65 0.00	34.26 1.75 0.00	40.56 1.59 0.00	33.30 1.14 0.00	34.63 1.04 0.00	27.65 0.88 0.00	21.25 0.64 0.00
CALPINE BETH_PAGE_GT4 24209	24.63 1.04 0.00	22.71 0.79 0.00	21.71 0.72 0.00	21.84 0.64 0.00	20.98 0.59 0.00	16.66 0.52 0.00	21.45 0.56 0.00	23.05 0.65 0.00	21.34 0.76 0.00	21.25 0.84 0.00	20.78 1.01 0.00	20.05 0.93 0.00	16.91 0.85 0.00	20.10 1.06 0.00	21.34 1.29 0.00	20.69 1.31 0.00	23.59 1.43 -0.01	29.72 1.72 0.00	34.32 1.81 0.00	40.72 1.75 0.00	33.50 1.33 0.00	34.87 1.28 0.00	27.83 1.07 0.00	21.34 0.74 0.00
CALPINE_BETH_PAGE_GT_4 323586	24.63 1.04 0.00	22.71 0.79 0.00	21.71 0.72 0.00	21.84 0.64 0.00	20.98 0.59 0.00	16.66 0.52 0.00	21.45 0.56 0.00	23.05 0.65 0.00	21.34 0.76 0.00	21.25 0.84 0.00	20.78 1.01 0.00	20.05 0.93 0.00	16.91 0.85 0.00	20.10 1.06 0.00	21.34 1.29 0.00	20.68 1.31 0.00	23.58 1.43 -0.01	29.72 1.72 0.00	34.31 1.81 0.00	40.72 1.75 0.00	33.50 1.33 0.00	34.87 1.28 0.00	27.83 1.07 0.00	21.34 0.74 0.00
CALPINE_BP_GT1 23823	24.63 1.04 0.00	22.71 0.79 0.00	21.71 0.72 0.00	21.84 0.64 0.00	20.98 0.59 0.00	16.66 0.52 0.00	21.45 0.56 0.00	23.05 0.65 0.00	21.34 0.76 0.00	21.25 0.84 0.00	20.78 1.01 0.00	20.05 0.93 0.00	16.91 0.85 0.00	20.10 1.06 0.00	21.34 1.29 0.00	20.68 1.31 0.00	23.58 1.43 -0.01	29.72 1.72 0.00	34.31 1.81 0.00	40.72 1.75 0.00	33.50 1.33 0.00	34.87 1.28 0.00	27.83 1.07 0.00	21.34 0.74 0.00
CALSPAN___DRP 24200	22.94 -0.66 0.00	21.47 -0.46 0.00	20.91 -0.08 0.00	21.08 -0.12 0.00	20.14 -0.25 0.00	15.79 -0.35 0.00	20.48 -0.42 0.00	21.94 -0.46 0.00	20.17 -0.41 0.00	20.04 -0.37 0.00	19.59 -0.17 0.00	19.03 -0.09 0.00	15.94 -0.12 0.00	18.72 -0.32 0.00	19.57 -0.49 0.00	18.96 -0.41 0.00	21.53 -0.62 0.00	26.80 -1.20 0.00	31.25 -1.26 0.00	37.59 -1.38 0.00	30.95 -1.22 0.00	32.57 -1.02 0.00	26.12 -0.64 0.00	20.32 -0.28 0.00

CALVERTON___SOLAR 323806	24.49 0.89 0.00	22.50 0.58 0.00	21.50 0.50 0.00	21.64 0.44 0.00	20.76 0.37 0.00	16.47 0.34 0.00	21.22 0.33 0.00	22.79 0.39 0.00	21.10 0.53 0.00	21.03 0.62 0.00	20.58 0.81 0.00	19.85 0.73 0.00	16.72 0.66 0.00	19.89 0.85 0.00	21.17 1.12 0.00	20.58 1.20 0.00	23.56 1.41 -0.01	29.76 1.76 0.00	34.41 1.90 0.00	40.72 1.75 0.00	33.40 1.24 0.00	34.70 1.12 0.00	27.71 0.94 0.00	21.28 0.67 0.00
CANDIGU_WT_PWR 323617	22.78 -0.82 0.00	21.24 -0.68 0.00	20.59 -0.41 0.00	20.70 -0.50 0.00	19.88 -0.51 0.00	15.69 -0.45 0.00	20.43 -0.46 0.00	21.90 -0.50 0.00	19.93 -0.64 0.00	19.76 -0.65 0.00	19.25 -0.52 0.00	18.67 -0.45 0.00	15.66 -0.41 0.00	18.41 -0.62 0.00	19.32 -0.74 0.00	18.69 -0.69 0.00	21.32 -0.83 0.00	26.77 -1.23 0.00	31.54 -0.96 0.00	38.18 -0.79 0.00	31.42 -0.75 0.00	33.02 -0.56 0.00	26.35 -0.41 0.00	20.24 -0.37 0.00
CARR STREET_E_SYR 24060	23.09 -0.51 0.00	21.53 -0.39 0.00	20.67 -0.33 0.00	20.85 -0.34 0.00	20.05 -0.35 0.00	15.86 -0.27 0.00	20.54 -0.35 0.00	22.02 -0.38 0.00	20.19 -0.39 0.00	20.04 -0.37 0.00	19.46 -0.31 0.00	18.86 -0.26 0.00	15.85 -0.22 0.00	18.74 -0.29 0.00	19.68 -0.38 0.00	18.95 -0.43 0.00	21.59 -0.56 0.00	27.26 -0.74 0.00	31.76 -0.74 0.00	38.13 -0.84 0.00	31.47 -0.70 0.00	32.88 -0.71 0.00	26.29 -0.48 0.00	20.23 -0.37 0.00
CARTHAGE___PAPER 23857	24.51 0.92 0.00	22.59 0.67 0.00	21.57 0.58 0.00	21.94 0.74 0.00	21.31 0.92 0.00	16.88 0.74 0.00	21.82 0.93 0.00	23.25 0.85 0.00	21.06 0.48 0.00	20.52 0.11 0.00	19.46 -0.30 0.00	18.76 -0.36 0.00	15.58 -0.49 0.00	18.66 -0.38 0.00	19.56 -0.50 0.00	18.89 -0.49 0.00	22.13 -0.01 0.00	28.34 0.34 0.00	33.21 0.71 0.00	40.12 1.15 0.00	33.20 1.03 0.00	34.82 1.23 0.00	27.88 1.12 0.00	21.62 1.01 0.00
CASSADAGA_WT_PWR 323784	23.18 -0.41 0.00	21.62 -0.30 0.00	21.11 0.11 0.00	21.26 0.07 0.00	20.41 0.02 0.00	16.04 -0.09 0.00	20.85 -0.04 0.00	22.46 0.07 0.00	20.59 0.01 0.00	20.45 0.03 0.00	20.00 0.23 0.00	19.33 0.21 0.00	16.14 0.08 0.00	18.88 -0.16 0.00	19.76 -0.29 0.00	19.20 -0.18 0.00	21.89 -0.26 0.00	27.35 -0.65 0.00	31.99 -0.51 0.00	38.47 -0.50 0.00	31.50 -0.67 0.00	33.11 -0.47 0.00	26.52 -0.25 0.00	20.54 -0.06 0.00
CE_DUNWOOD___DRP 24194	24.31 0.71 0.00	22.47 0.55 0.00	21.48 0.48 0.00	21.61 0.42 0.00	20.80 0.41 0.00	16.54 0.41 0.00	21.35 0.46 0.00	22.94 0.55 0.00	21.22 0.64 0.00	21.11 0.70 0.00	20.55 0.78 0.00	19.83 0.71 0.00	16.75 0.68 0.00	19.88 0.84 0.00	21.02 0.96 0.00	20.36 0.98 0.00	23.26 1.11 0.00	29.38 1.38 0.00	34.00 1.50 0.00	40.49 1.52 0.00	33.36 1.19 0.00	34.69 1.11 0.00	27.66 0.89 0.00	21.20 0.59 0.00
CE_MILLWOOD___DRP 24193	24.27 0.67 0.00	22.43 0.51 0.00	21.45 0.45 0.00	21.58 0.39 0.00	20.77 0.38 0.00	16.52 0.38 0.00	21.32 0.42 0.00	22.91 0.51 0.00	21.18 0.60 0.00	21.07 0.65 0.00	20.50 0.73 0.00	19.78 0.66 0.00	16.71 0.64 0.00	19.83 0.79 0.00	20.97 0.91 0.00	20.31 0.93 0.00	23.20 1.05 0.00	29.31 1.30 0.00	33.93 1.43 0.00	40.41 1.44 0.00	33.30 1.13 0.00	34.63 1.05 0.00	27.61 0.84 0.00	21.16 0.55 0.00
CE_NYC2_DRP 24202	24.41 0.81 0.00	22.54 0.62 0.00	21.54 0.54 0.00	21.65 0.46 0.00	20.86 0.47 0.00	16.61 0.47 0.00	21.39 0.50 0.00	23.01 0.62 0.00	21.32 0.75 0.00	21.24 0.82 0.00	20.70 0.93 0.00	19.99 0.87 0.00	16.88 0.82 0.00	20.01 0.97 0.00	21.16 1.11 0.00	20.48 1.10 0.00	23.37 1.22 0.00	29.51 1.51 0.00	34.17 1.66 0.00	40.58 1.61 0.00	33.48 1.32 0.00	34.79 1.21 0.00	27.75 0.99 0.00	21.29 0.68 0.00
CE_NYC_DRP 24195	24.40 0.81 0.00	22.54 0.62 0.00	21.56 0.56 0.00	21.68 0.48 0.00	20.87 0.48 0.00	16.61 0.47 0.00	21.41 0.52 0.00	23.03 0.64 0.00	21.33 0.76 0.00	21.25 0.84 0.00	20.72 0.95 0.00	19.98 0.86 0.00	16.88 0.82 0.00	20.02 0.99 0.00	21.18 1.13 0.00	20.52 1.14 0.00	23.43 1.28 0.00	29.56 1.56 0.00	34.20 1.70 0.00	40.67 1.70 0.00	33.53 1.36 0.00	34.84 1.26 0.00	27.78 1.02 0.00	21.29 0.68 0.00
CHAFFEE___LFGE 323603	22.94 -0.66 0.00	21.45 -0.47 0.00	20.89 -0.10 0.00	21.05 -0.14 0.00	20.13 -0.27 0.00	15.78 -0.36 0.00	20.46 -0.43 0.00	21.94 -0.46 0.00	20.17 -0.41 0.00	20.04 -0.37 0.00	19.59 -0.18 0.00	19.03 -0.09 0.00	15.94 -0.12 0.00	18.73 -0.30 0.00	19.58 -0.48 0.00	18.97 -0.41 0.00	21.55 -0.59 0.00	26.84 -1.16 0.00	31.32 -1.19 0.00	37.68 -1.30 0.00	31.02 -1.15 0.00	32.64 -0.94 0.00	26.16 -0.61 0.00	20.34 -0.27 0.00
CHATEAUG_35_KV_LOAD 355732	24.12 0.52 0.00	22.35 0.43 0.00	21.34 0.34 0.00	21.58 0.38 0.00	20.80 0.41 0.00	16.40 0.27 0.00	21.24 0.34 0.00	22.75 0.35 0.00	20.87 0.30 0.00	20.59 0.18 0.00	19.66 -0.12 0.00	19.07 -0.06 0.00	15.92 -0.14 0.00	18.91 -0.13 0.00	20.03 -0.02 0.00	19.41 0.03 0.00	22.33 0.18 0.00	28.48 0.48 0.00	33.08 0.58 0.00	39.75 0.78 0.00	32.81 0.64 0.00	34.24 0.66 0.00	27.23 0.47 0.00	21.03 0.42 0.00
CHATEAUG_WT_PWR 323614	24.06 0.46 0.00	22.30 0.38 0.00	21.30 0.31 0.00	21.54 0.35 0.00	20.77 0.38 0.00	16.38 0.24 0.00	21.21 0.31 0.00	22.73 0.33 0.00	20.85 0.28 0.00	20.57 0.16 0.00	19.65 -0.13 0.00	19.06 -0.06 0.00	15.91 -0.15 0.00	18.91 -0.13 0.00	20.05 -0.01 0.00	19.42 0.04 0.00	22.33 0.18 0.00	28.46 0.46 0.00	33.03 0.53 0.00	39.68 0.71 0.00	32.71 0.54 0.00	34.14 0.56 0.00	27.17 0.40 0.00	20.97 0.37 0.00
CHAT_HIGH_FALL_HYD 323578	24.12 0.52 0.00	22.35 0.43 0.00	21.34 0.34 0.00	21.58 0.38 0.00	20.80 0.41 0.00	16.40 0.27 0.00	21.24 0.34 0.00	22.75 0.35 0.00	20.87 0.30 0.00	20.59 0.18 0.00	19.66 -0.12 0.00	19.07 -0.06 0.00	15.92 -0.14 0.00	18.91 -0.13 0.00	20.03 -0.02 0.00	19.41 0.03 0.00	22.33 0.18 0.00	28.48 0.48 0.00	33.08 0.58 0.00	39.75 0.78 0.00	32.81 0.64 0.00	34.24 0.66 0.00	27.23 0.47 0.00	21.03 0.42 0.00
CHAUTAUQUA___LFGE 323629	23.03 -0.56 0.00	21.51 -0.42 0.00	20.96 -0.04 0.00	21.11 -0.08 0.00	20.25 -0.14 0.00	15.90 -0.23 0.00	20.65 -0.25 0.00	22.15 -0.25 0.00	20.32 -0.25 0.00	20.19 -0.22 0.00	19.74 -0.04 0.00	19.12 0.00 0.00	16.01 -0.06 0.00	18.77 -0.26 0.00	19.65 -0.40 0.00	19.08 -0.30 0.00	21.72 -0.42 0.00	27.09 -0.91 0.00	31.66 -0.85 0.00	38.09 -0.88 0.00	31.24 -0.93 0.00	32.87 -0.71 0.00	26.33 -0.44 0.00	20.39 -0.21 0.00
CHERRYST_13_KV_LD 356241	24.46 0.87 0.00	22.60 0.67 0.00	21.60 0.61 0.00	21.72 0.53 0.00	20.92 0.53 0.00	16.64 0.51 0.00	21.46 0.57 0.00	23.09 0.69 0.00	21.38 0.81 0.00	21.31 0.90 0.00	20.77 1.00 0.00	20.04 0.92 0.00	16.93 0.87 0.00	20.08 1.05 0.00	21.24 1.19 0.00	20.58 1.20 0.00	23.50 1.35 0.00	29.65 1.64 0.00	34.30 1.80 0.00	40.77 1.81 0.00	33.61 1.45 0.00	34.93 1.35 0.00	27.85 1.09 0.00	21.34 0.74 0.00

CHESTROR_138KV_BK263 355645	24.07 0.47 0.00	22.26 0.34 0.00	21.30 0.30 0.00	21.44 0.24 0.00	20.64 0.25 0.00	16.40 0.26 0.00	21.18 0.29 0.00	22.75 0.35 0.00	20.98 0.40 0.00	20.84 0.42 0.00	20.24 0.46 0.00	19.54 0.42 0.00	16.50 0.43 0.00	19.57 0.53 0.00	20.68 0.63 0.00	20.03 0.65 0.00	22.89 0.75 0.00	28.94 0.94 0.00	33.57 1.06 0.00	40.07 1.10 0.00	33.01 0.85 0.00	34.35 0.77 0.00	27.40 0.64 0.00	21.00 0.40 0.00
CH_MIDHUDSON___DRP 24192	24.28 0.68 0.00	22.46 0.54 0.00	21.48 0.49 0.00	21.63 0.43 0.00	20.80 0.41 0.00	16.53 0.40 0.00	21.36 0.47 0.00	22.95 0.56 0.00	21.19 0.62 0.00	21.06 0.64 0.00	20.47 0.70 0.00	19.75 0.63 0.00	16.67 0.61 0.00	19.78 0.74 0.00	20.91 0.85 0.00	20.26 0.88 0.00	23.17 1.02 0.00	29.31 1.31 0.00	33.92 1.42 0.00	40.45 1.48 0.00	33.35 1.18 0.00	34.68 1.10 0.00	27.61 0.85 0.00	21.16 0.55 0.00
CH_MISC_IPPS 23765	24.39 0.79 0.00	22.55 0.63 0.00	21.57 0.57 0.00	21.71 0.52 0.00	20.88 0.49 0.00	16.59 0.46 0.00	21.44 0.55 0.00	23.04 0.65 0.00	21.26 0.68 0.00	21.12 0.70 0.00	20.53 0.76 0.00	19.82 0.70 0.00	16.74 0.68 0.00	19.86 0.82 0.00	20.99 0.94 0.00	20.34 0.96 0.00	23.28 1.13 0.00	29.45 1.45 0.00	34.11 1.61 0.00	40.68 1.71 0.00	33.52 1.35 0.00	34.87 1.29 0.00	27.76 1.00 0.00	21.27 0.66 0.00
CH_RES_BVR_FALLS 23983	23.70 0.11 0.00	21.98 0.06 0.00	21.02 0.03 0.00	21.25 0.06 0.00	20.48 0.09 0.00	16.19 0.05 0.00	20.97 0.08 0.00	22.46 0.06 0.00	20.63 0.05 0.00	20.45 0.04 0.00	19.74 -0.03 0.00	19.02 -0.10 0.00	15.92 -0.15 0.00	18.88 -0.15 0.00	19.94 -0.12 0.00	19.28 -0.10 0.00	22.09 -0.06 0.00	27.95 -0.05 0.00	32.45 -0.05 0.00	38.96 -0.01 0.00	32.19 0.03 0.00	33.60 0.02 0.00	26.78 0.02 0.00	20.67 0.07 0.00
CH_RES_NIAGARA 23895	22.59 -1.01 0.00	21.22 -0.71 0.00	20.70 -0.29 0.00	20.89 -0.30 0.00	19.93 -0.46 0.00	15.58 -0.55 0.00	20.18 -0.71 0.00	21.51 -0.89 0.00	19.79 -0.78 0.00	19.68 -0.73 0.00	19.25 -0.52 0.00	18.72 -0.40 0.00	15.67 -0.39 0.00	18.41 -0.63 0.00	19.24 -0.82 0.00	18.63 -0.75 0.00	21.10 -1.05 0.00	26.19 -1.81 0.00	30.40 -2.10 0.00	36.51 -2.46 0.00	30.12 -2.05 0.00	31.70 -1.88 0.00	25.50 -1.27 0.00	20.05 -0.56 0.00
CH_RES_SYRACUSE 23985	23.22 -0.38 0.00	21.64 -0.28 0.00	20.77 -0.22 0.00	20.96 -0.24 0.00	20.16 -0.23 0.00	15.95 -0.18 0.00	20.65 -0.24 0.00	22.13 -0.26 0.00	20.29 -0.29 0.00	20.13 -0.28 0.00	19.54 -0.23 0.00	18.94 -0.18 0.00	15.92 -0.14 0.00	18.81 -0.22 0.00	19.76 -0.30 0.00	19.03 -0.35 0.00	21.73 -0.42 0.00	27.46 -0.54 0.00	32.04 -0.46 0.00	38.49 -0.49 0.00	31.75 -0.41 0.00	33.16 -0.42 0.00	26.45 -0.31 0.00	20.34 -0.26 0.00
CLINTON_WT_PWR 323605	24.06 0.46 0.00	22.30 0.38 0.00	21.30 0.31 0.00	21.54 0.35 0.00	20.77 0.38 0.00	16.38 0.24 0.00	21.21 0.31 0.00	22.73 0.33 0.00	20.85 0.28 0.00	20.57 0.16 0.00	19.65 -0.13 0.00	19.06 -0.06 0.00	15.91 -0.15 0.00	18.91 -0.13 0.00	20.05 -0.01 0.00	19.42 0.04 0.00	22.33 0.18 0.00	28.46 0.46 0.00	33.03 0.53 0.00	39.68 0.71 0.00	32.71 0.54 0.00	34.14 0.56 0.00	27.17 0.40 0.00	20.97 0.37 0.00
CLINTON___LFGE 323618	24.33 0.73 0.00	22.54 0.62 0.00	21.53 0.54 0.00	21.77 0.58 0.00	20.99 0.60 0.00	16.57 0.43 0.00	21.47 0.58 0.00	23.00 0.60 0.00	21.11 0.53 0.00	20.85 0.43 0.00	19.92 0.15 0.00	19.31 0.19 0.00	16.12 0.05 0.00	19.13 0.09 0.00	20.27 0.22 0.00	19.59 0.22 0.00	22.56 0.41 0.00	28.83 0.83 0.00	33.44 0.93 0.00	40.20 1.23 0.00	33.15 0.98 0.00	34.58 0.99 0.00	27.50 0.74 0.00	21.22 0.61 0.00
COBBLENY_34_KV_TB1 80064	22.94 -0.66 0.00	21.45 -0.47 0.00	20.89 -0.10 0.00	21.05 -0.14 0.00	20.12 -0.27 0.00	15.78 -0.36 0.00	20.47 -0.43 0.00	21.94 -0.46 0.00	20.17 -0.41 0.00	20.04 -0.37 0.00	19.59 -0.17 0.00	19.03 -0.09 0.00	15.94 -0.12 0.00	18.73 -0.30 0.00	19.58 -0.48 0.00	18.98 -0.40 0.00	21.55 -0.60 0.00	26.84 -1.16 0.00	31.32 -1.19 0.00	37.67 -1.30 0.00	31.02 -1.15 0.00	32.64 -0.94 0.00	26.16 -0.61 0.00	20.33 -0.27 0.00
COFFEEN___115KV_TB3 355620	24.55 0.95 0.00	22.63 0.71 0.00	21.61 0.62 0.00	21.99 0.80 0.00	21.36 0.97 0.00	16.93 0.79 0.00	21.88 0.99 0.00	23.32 0.92 0.00	21.07 0.49 0.00	20.44 0.03 0.00	19.36 -0.41 0.00	18.66 -0.46 0.00	15.56 -0.51 0.00	18.65 -0.38 0.00	19.43 -0.63 0.00	18.80 -0.58 0.00	22.10 -0.05 0.00	28.46 0.46 0.00	33.40 0.90 0.00	40.36 1.39 0.00	33.38 1.21 0.00	34.94 1.35 0.00	27.97 1.20 0.00	21.65 1.05 0.00
COLDSPRG_115KV_BK1 355956	23.25 -0.35 0.00	21.71 -0.21 0.00	21.15 0.15 0.00	21.30 0.10 0.00	20.44 0.05 0.00	16.09 -0.04 0.00	20.92 0.03 0.00	22.60 0.20 0.00	20.69 0.11 0.00	20.57 0.15 0.00	20.11 0.33 0.00	19.40 0.28 0.00	16.20 0.14 0.00	18.96 -0.07 0.00	19.86 -0.19 0.00	19.28 -0.10 0.00	21.99 -0.15 0.00	27.47 -0.53 0.00	32.11 -0.39 0.00	38.64 -0.33 0.00	31.70 -0.46 0.00	33.32 -0.26 0.00	26.66 -0.11 0.00	20.58 -0.03 0.00
COLONIE_LFGE___ 323577	24.12 0.52 0.00	22.39 0.47 0.00	21.43 0.43 0.00	21.63 0.44 0.00	20.79 0.40 0.00	16.48 0.35 0.00	21.34 0.45 0.00	22.88 0.48 0.00	21.01 0.44 0.00	20.79 0.37 0.00	20.09 0.32 0.00	19.45 0.32 0.00	16.38 0.31 0.00	19.46 0.42 0.00	20.54 0.49 0.00	19.89 0.51 0.00	22.74 0.59 0.00	28.86 0.86 0.00	33.29 0.79 0.00	39.90 0.93 0.00	32.93 0.76 0.00	34.37 0.79 0.00	27.33 0.56 0.00	21.00 0.39 0.00
COOPERNY_115KV_TB1 80082	23.89 0.30 0.00	22.12 0.20 0.00	21.17 0.18 0.00	21.33 0.13 0.00	20.53 0.14 0.00	16.30 0.16 0.00	21.07 0.18 0.00	22.62 0.22 0.00	20.83 0.25 0.00	20.68 0.27 0.00	20.08 0.31 0.00	19.40 0.28 0.00	16.36 0.29 0.00	19.39 0.35 0.00	20.47 0.41 0.00	19.81 0.43 0.00	22.65 0.50 0.00	28.61 0.61 0.00	33.21 0.71 0.00	39.69 0.72 0.00	32.72 0.55 0.00	34.09 0.51 0.00	27.20 0.44 0.00	20.87 0.27 0.00
COPENHAGEN_WT_PWR 323753	24.20 0.60 0.00	22.28 0.36 0.00	21.28 0.28 0.00	21.69 0.50 0.00	21.12 0.73 0.00	16.74 0.61 0.00	21.61 0.73 0.00	23.01 0.62 0.00	20.84 0.26 0.00	20.29 -0.12 0.00	19.21 -0.56 0.00	18.41 -0.71 0.00	15.32 -0.75 0.00	18.36 -0.67 0.00	19.18 -0.87 0.00	18.55 -0.83 0.00	21.77 -0.38 0.00	27.89 -0.11 0.00	32.69 0.19 0.00	39.54 0.57 0.00	32.73 0.56 0.00	34.29 0.71 0.00	27.51 0.75 0.00	21.36 0.76 0.00
CORNELL_____ 23752	23.59 -0.01 0.00	21.93 0.01 0.00	21.05 0.05 0.00	21.22 0.02 0.00	20.42 0.03 0.00	16.16 0.03 0.00	20.95 0.06 0.00	22.46 0.06 0.00	20.50 -0.08 0.00	20.25 -0.16 0.00	19.62 -0.15 0.00	19.01 -0.12 0.00	16.00 -0.06 0.00	18.90 -0.14 0.00	19.88 -0.17 0.00	19.20 -0.18 0.00	21.88 -0.27 0.00	27.72 -0.28 0.00	32.54 0.03 0.00	39.29 0.32 0.00	32.42 0.25 0.00	33.87 0.28 0.00	26.98 0.22 0.00	20.70 0.09 0.00

CORONA_V_69_KV_TB1 355595	24.63 1.04 0.00	22.72 0.80 0.00	21.73 0.73 0.00	21.85 0.65 0.00	21.00 0.61 0.00	16.68 0.54 0.00	21.47 0.57 0.00	23.07 0.67 0.00	21.35 0.78 0.00	21.27 0.85 0.00	20.79 1.02 0.00	20.07 0.95 0.00	16.94 0.88 0.00	20.12 1.08 0.00	21.35 1.29 0.00	20.69 1.31 0.00	23.63 1.46 -0.01	29.78 1.78 0.00	34.41 1.90 0.00	40.86 1.89 0.00	33.63 1.47 0.00	35.01 1.43 0.00	27.94 1.18 0.00	21.43 0.83 0.00
CORTLAND_115KV_TB3 80093	23.45 -0.14 0.00	21.82 -0.10 0.00	20.94 -0.05 0.00	21.11 -0.08 0.00	20.33 -0.06 0.00	16.09 -0.05 0.00	20.85 -0.04 0.00	22.35 -0.05 0.00	20.45 -0.13 0.00	20.25 -0.17 0.00	19.65 -0.12 0.00	19.02 -0.11 0.00	15.98 -0.08 0.00	18.91 -0.12 0.00	19.86 -0.20 0.00	19.18 -0.20 0.00	21.90 -0.25 0.00	27.70 -0.30 0.00	32.36 -0.14 0.00	38.96 -0.01 0.00	32.14 -0.03 0.00	33.58 -0.01 0.00	26.75 -0.01 0.00	20.55 -0.05 0.00
COXSACKIE___GT 23611	24.48 0.88 0.00	22.72 0.79 0.00	21.73 0.73 0.00	21.92 0.73 0.00	21.08 0.69 0.00	16.72 0.58 0.00	21.66 0.77 0.00	23.26 0.86 0.00	21.18 0.61 0.00	20.77 0.35 0.00	20.07 0.30 0.00	19.43 0.31 0.00	16.44 0.37 0.00	19.44 0.41 0.00	20.52 0.46 0.00	19.96 0.59 0.00	22.76 0.61 0.00	28.91 0.90 0.00	33.84 1.34 0.00	40.75 1.78 0.00	33.67 1.50 0.00	35.07 1.48 0.00	27.82 1.05 0.00	21.36 0.76 0.00
CPV_VALLEY___CC1 323721	23.91 0.31 0.00	22.12 0.20 0.00	21.17 0.17 0.00	21.31 0.12 0.00	20.51 0.12 0.00	16.30 0.16 0.00	21.05 0.16 0.00	22.61 0.21 0.00	20.85 0.27 0.00	20.71 0.30 0.00	20.12 0.35 0.00	19.44 0.31 0.00	16.40 0.34 0.00	19.46 0.42 0.00	20.55 0.49 0.00	19.90 0.52 0.00	22.74 0.59 0.00	28.73 0.72 0.00	33.31 0.81 0.00	39.76 0.79 0.00	32.76 0.59 0.00	34.11 0.53 0.00	27.21 0.45 0.00	20.87 0.26 0.00
CPV_VALLEY___CC2 323722	23.91 0.31 0.00	22.12 0.20 0.00	21.17 0.17 0.00	21.31 0.12 0.00	20.51 0.12 0.00	16.30 0.16 0.00	21.05 0.16 0.00	22.61 0.21 0.00	20.85 0.27 0.00	20.71 0.30 0.00	20.12 0.35 0.00	19.44 0.31 0.00	16.40 0.34 0.00	19.46 0.42 0.00	20.55 0.49 0.00	19.90 0.52 0.00	22.74 0.59 0.00	28.73 0.72 0.00	33.31 0.81 0.00	39.76 0.79 0.00	32.76 0.59 0.00	34.11 0.53 0.00	27.21 0.45 0.00	20.87 0.26 0.00
CRESCENT___HYD 24018	24.12 0.52 0.00	22.39 0.47 0.00	21.43 0.43 0.00	21.63 0.44 0.00	20.79 0.40 0.00	16.48 0.35 0.00	21.34 0.45 0.00	22.88 0.48 0.00	21.01 0.44 0.00	20.79 0.37 0.00	20.09 0.32 0.00	19.45 0.32 0.00	16.38 0.31 0.00	19.46 0.42 0.00	20.54 0.49 0.00	19.89 0.51 0.00	22.74 0.59 0.00	28.86 0.86 0.00	33.29 0.79 0.00	39.90 0.93 0.00	32.93 0.76 0.00	34.37 0.79 0.00	27.33 0.56 0.00	21.00 0.39 0.00
CRICKET___VALLEY_CC1 323756	24.00 0.41 0.00	22.24 0.32 0.00	21.28 0.28 0.00	21.44 0.24 0.00	20.62 0.23 0.00	16.38 0.25 0.00	21.17 0.28 0.00	22.76 0.36 0.00	21.01 0.43 0.00	20.86 0.45 0.00	20.28 0.51 0.00	19.55 0.43 0.00	16.48 0.42 0.00	19.57 0.53 0.00	20.69 0.63 0.00	20.02 0.65 0.00	22.90 0.75 0.00	28.97 0.97 0.00	33.47 0.96 0.00	39.92 0.95 0.00	32.91 0.75 0.00	34.24 0.66 0.00	27.24 0.47 0.00	20.88 0.28 0.00
CRICKET___VALLEY_CC2 323757	24.00 0.41 0.00	22.24 0.32 0.00	21.28 0.28 0.00	21.44 0.24 0.00	20.62 0.23 0.00	16.38 0.25 0.00	21.17 0.28 0.00	22.76 0.36 0.00	21.01 0.43 0.00	20.86 0.45 0.00	20.28 0.51 0.00	19.55 0.43 0.00	16.48 0.42 0.00	19.57 0.53 0.00	20.69 0.63 0.00	20.02 0.65 0.00	22.90 0.75 0.00	28.97 0.97 0.00	33.47 0.96 0.00	39.92 0.95 0.00	32.91 0.75 0.00	34.24 0.66 0.00	27.24 0.47 0.00	20.88 0.28 0.00
CRICKET___VALLEY_CC3 323758	24.00 0.41 0.00	22.24 0.32 0.00	21.28 0.28 0.00	21.44 0.24 0.00	20.62 0.23 0.00	16.38 0.25 0.00	21.17 0.28 0.00	22.76 0.36 0.00	21.01 0.43 0.00	20.86 0.45 0.00	20.28 0.51 0.00	19.55 0.43 0.00	16.48 0.42 0.00	19.57 0.53 0.00	20.69 0.63 0.00	20.02 0.65 0.00	22.90 0.75 0.00	28.97 0.97 0.00	33.47 0.96 0.00	39.92 0.95 0.00	32.91 0.75 0.00	34.24 0.66 0.00	27.24 0.47 0.00	20.88 0.28 0.00
CRUCIBLE_METL_DRP 24180	23.22 -0.38 0.00	21.64 -0.28 0.00	20.77 -0.22 0.00	20.95 -0.24 0.00	20.16 -0.23 0.00	15.95 -0.18 0.00	20.65 -0.24 0.00	22.13 -0.26 0.00	20.29 -0.29 0.00	20.13 -0.28 0.00	19.54 -0.23 0.00	18.94 -0.18 0.00	15.92 -0.14 0.00	18.81 -0.22 0.00	19.76 -0.30 0.00	19.02 -0.35 0.00	21.73 -0.42 0.00	27.46 -0.54 0.00	32.04 -0.46 0.00	38.49 -0.49 0.00	31.75 -0.41 0.00	33.16 -0.42 0.00	26.45 -0.31 0.00	20.35 -0.26 0.00
DAHOWA___HYDRO 323763	24.69 1.10 0.00	22.92 0.99 0.00	21.93 0.93 0.00	22.13 0.93 0.00	21.26 0.87 0.00	16.86 0.72 0.00	21.85 0.96 0.00	23.42 1.02 0.00	21.39 0.82 0.00	21.10 0.68 0.00	20.31 0.53 0.00	19.71 0.59 0.00	16.61 0.55 0.00	19.75 0.72 0.00	20.83 0.78 0.00	20.22 0.84 0.00	23.18 1.03 0.00	29.56 1.56 0.00	34.20 1.70 0.00	41.06 2.09 0.00	33.88 1.71 0.00	35.31 1.73 0.00	28.04 1.27 0.00	21.50 0.89 0.00
DANC___LFGE 323619	23.75 0.15 0.00	21.97 0.05 0.00	21.02 0.02 0.00	21.34 0.15 0.00	20.68 0.29 0.00	16.38 0.25 0.00	21.17 0.28 0.00	22.60 0.20 0.00	20.56 -0.02 0.00	20.15 -0.26 0.00	19.25 -0.52 0.00	18.53 -0.59 0.00	15.48 -0.59 0.00	18.46 -0.57 0.00	19.32 -0.74 0.00	18.66 -0.72 0.00	21.65 -0.50 0.00	27.59 -0.41 0.00	32.28 -0.22 0.00	38.93 -0.04 0.00	32.20 0.03 0.00	33.71 0.12 0.00	27.01 0.25 0.00	20.90 0.29 0.00
DANSKAMMER___1 23586	24.39 0.79 0.00	22.55 0.63 0.00	21.57 0.57 0.00	21.71 0.52 0.00	20.88 0.49 0.00	16.59 0.46 0.00	21.44 0.55 0.00	23.04 0.65 0.00	21.26 0.68 0.00	21.12 0.70 0.00	20.53 0.76 0.00	19.82 0.70 0.00	16.74 0.68 0.00	19.86 0.82 0.00	20.99 0.94 0.00	20.34 0.96 0.00	23.28 1.13 0.00	29.45 1.45 0.00	34.11 1.61 0.00	40.68 1.71 0.00	33.52 1.35 0.00	34.87 1.29 0.00	27.76 1.00 0.00	21.27 0.66 0.00
DANSKAMMER___2 23589	24.39 0.79 0.00	22.55 0.63 0.00	21.57 0.57 0.00	21.71 0.52 0.00	20.88 0.49 0.00	16.59 0.46 0.00	21.44 0.55 0.00	23.04 0.65 0.00	21.26 0.68 0.00	21.12 0.70 0.00	20.53 0.76 0.00	19.82 0.70 0.00	16.74 0.68 0.00	19.86 0.82 0.00	20.99 0.94 0.00	20.34 0.96 0.00	23.28 1.13 0.00	29.45 1.45 0.00	34.11 1.61 0.00	40.68 1.71 0.00	33.52 1.35 0.00	34.87 1.29 0.00	27.76 1.00 0.00	21.27 0.66 0.00
DANSKAMMER___3 23590	24.39 0.79 0.00	22.55 0.63 0.00	21.57 0.57 0.00	21.71 0.52 0.00	20.88 0.49 0.00	16.59 0.46 0.00	21.44 0.55 0.00	23.04 0.65 0.00	21.26 0.68 0.00	21.12 0.70 0.00	20.53 0.76 0.00	19.82 0.70 0.00	16.74 0.68 0.00	19.86 0.82 0.00	20.99 0.94 0.00	20.34 0.96 0.00	23.28 1.13 0.00	29.45 1.45 0.00	34.11 1.61 0.00	40.68 1.71 0.00	33.52 1.35 0.00	34.87 1.29 0.00	27.76 1.00 0.00	21.27 0.66 0.00

DANSKAMMER___4 23591	24.39 0.79 0.00	22.55 0.63 0.00	21.57 0.57 0.00	21.71 0.52 0.00	20.88 0.49 0.00	16.59 0.46 0.00	21.44 0.55 0.00	23.04 0.65 0.00	21.26 0.68 0.00	21.12 0.70 0.00	20.53 0.76 0.00	19.82 0.70 0.00	16.74 0.68 0.00	19.86 0.82 0.00	20.99 0.94 0.00	20.34 0.96 0.00	23.28 1.13 0.00	29.45 1.45 0.00	34.11 1.61 0.00	40.68 1.71 0.00	33.52 1.35 0.00	34.87 1.29 0.00	27.76 1.00 0.00	21.27 0.66 0.00
DANSKAMMER___DIESEL 23592	24.39 0.79 0.00	22.55 0.63 0.00	21.57 0.57 0.00	21.71 0.52 0.00	20.88 0.49 0.00	16.59 0.46 0.00	21.44 0.55 0.00	23.04 0.65 0.00	21.26 0.68 0.00	21.12 0.70 0.00	20.53 0.76 0.00	19.82 0.70 0.00	16.74 0.68 0.00	19.86 0.82 0.00	20.99 0.94 0.00	20.34 0.96 0.00	23.28 1.13 0.00	29.45 1.45 0.00	34.11 1.61 0.00	40.68 1.71 0.00	33.52 1.35 0.00	34.87 1.29 0.00	27.76 1.00 0.00	21.27 0.66 0.00
DARBY___SOLAR 323810	24.56 0.96 0.00	22.80 0.87 0.00	21.81 0.82 0.00	22.02 0.82 0.00	21.16 0.77 0.00	16.78 0.64 0.00	21.74 0.85 0.00	23.30 0.90 0.00	21.29 0.71 0.00	21.00 0.59 0.00	20.23 0.45 0.00	19.62 0.50 0.00	16.54 0.47 0.00	19.66 0.63 0.00	20.74 0.68 0.00	20.13 0.75 0.00	23.05 0.91 0.00	29.38 1.38 0.00	34.00 1.49 0.00	40.82 1.85 0.00	33.67 1.50 0.00	35.10 1.52 0.00	27.88 1.12 0.00	21.39 0.78 0.00
DASHVILLE___HYD 23610	24.11 0.51 0.00	22.30 0.38 0.00	21.32 0.33 0.00	21.47 0.27 0.00	20.66 0.27 0.00	16.41 0.28 0.00	21.21 0.32 0.00	22.79 0.39 0.00	21.04 0.46 0.00	20.91 0.49 0.00	20.31 0.54 0.00	19.61 0.48 0.00	16.55 0.49 0.00	19.63 0.59 0.00	20.73 0.67 0.00	20.07 0.69 0.00	22.98 0.83 0.00	29.05 1.05 0.00	33.68 1.18 0.00	40.19 1.22 0.00	33.13 0.96 0.00	34.47 0.89 0.00	27.46 0.69 0.00	21.04 0.43 0.00
DELAWARE___LFGE 323621	23.88 0.29 0.00	22.13 0.21 0.00	21.22 0.22 0.00	21.39 0.20 0.00	20.57 0.18 0.00	16.31 0.17 0.00	21.11 0.22 0.00	22.65 0.25 0.00	20.83 0.25 0.00	20.69 0.28 0.00	20.08 0.31 0.00	19.41 0.28 0.00	16.32 0.25 0.00	19.33 0.29 0.00	20.37 0.31 0.00	19.68 0.31 0.00	22.52 0.37 0.00	28.46 0.46 0.00	33.11 0.61 0.00	39.67 0.70 0.00	32.73 0.56 0.00	34.14 0.56 0.00	27.21 0.44 0.00	20.89 0.29 0.00
DERFIELD_115KV_TB7 355931	23.57 -0.02 0.00	21.90 -0.02 0.00	20.98 -0.02 0.00	21.17 -0.02 0.00	20.37 -0.02 0.00	16.13 0.00 0.00	20.89 0.00 0.00	22.38 -0.02 0.00	20.56 -0.02 0.00	20.39 -0.02 0.00	19.74 -0.03 0.00	19.08 -0.04 0.00	16.04 -0.03 0.00	19.02 -0.02 0.00	20.03 -0.02 0.00	19.36 -0.02 0.00	22.14 0.00 0.00	28.00 0.00 0.00	32.50 0.00 0.00	38.97 0.00 0.00	32.17 0.00 0.00	33.58 0.00 0.00	26.75 -0.02 0.00	20.59 -0.02 0.00
DOGLEVILLE___HYD 23807	23.85 0.25 0.00	22.10 0.18 0.00	21.18 0.19 0.00	21.33 0.13 0.00	20.47 0.08 0.00	16.27 0.14 0.00	21.09 0.20 0.00	22.53 0.13 0.00	20.35 -0.22 0.00	20.02 -0.40 0.00	19.33 -0.44 0.00	18.69 -0.43 0.00	15.83 -0.23 0.00	18.86 -0.18 0.00	19.87 -0.19 0.00	19.24 -0.14 0.00	22.10 -0.05 0.00	28.21 0.20 0.00	33.05 0.55 0.00	39.80 0.82 0.00	32.89 0.72 0.00	34.27 0.68 0.00	27.22 0.45 0.00	20.83 0.23 0.00
DUNKIRK___115KV_TB_200 55889	23.00 -0.60 0.00	21.48 -0.44 0.00	20.93 -0.07 0.00	21.08 -0.12 0.00	20.21 -0.18 0.00	15.87 -0.26 0.00	20.61 -0.28 0.00	22.10 -0.29 0.00	20.29 -0.29 0.00	20.16 -0.26 0.00	19.70 -0.07 0.00	19.09 -0.03 0.00	15.99 -0.08 0.00	18.76 -0.28 0.00	19.63 -0.42 0.00	19.05 -0.33 0.00	21.70 -0.45 0.00	27.05 -0.95 0.00	31.62 -0.89 0.00	38.04 -0.94 0.00	31.19 -0.98 0.00	32.84 -0.75 0.00	26.30 -0.46 0.00	20.37 -0.23 0.00
DUNKIRK___1 23563	23.00 -0.60 0.00	21.48 -0.44 0.00	20.93 -0.07 0.00	21.08 -0.12 0.00	20.21 -0.18 0.00	15.87 -0.26 0.00	20.61 -0.28 0.00	22.10 -0.29 0.00	20.29 -0.29 0.00	20.16 -0.26 0.00	19.70 -0.07 0.00	19.09 -0.03 0.00	15.99 -0.08 0.00	18.76 -0.28 0.00	19.63 -0.42 0.00	19.05 -0.33 0.00	21.70 -0.45 0.00	27.05 -0.95 0.00	31.62 -0.89 0.00	38.04 -0.94 0.00	31.19 -0.98 0.00	32.84 -0.75 0.00	26.30 -0.46 0.00	20.37 -0.23 0.00
DUNKIRK___2 23564	23.00 -0.60 0.00	21.48 -0.44 0.00	20.93 -0.07 0.00	21.08 -0.12 0.00	20.21 -0.18 0.00	15.87 -0.26 0.00	20.61 -0.28 0.00	22.10 -0.29 0.00	20.29 -0.29 0.00	20.16 -0.26 0.00	19.70 -0.07 0.00	19.09 -0.03 0.00	15.99 -0.08 0.00	18.76 -0.28 0.00	19.63 -0.42 0.00	19.05 -0.33 0.00	21.70 -0.45 0.00	27.05 -0.95 0.00	31.62 -0.89 0.00	38.04 -0.94 0.00	31.19 -0.98 0.00	32.84 -0.75 0.00	26.30 -0.46 0.00	20.37 -0.23 0.00
DUNKIRK___3 23565	22.93 -0.67 0.00	21.42 -0.50 0.00	20.86 -0.13 0.00	21.01 -0.18 0.00	20.14 -0.25 0.00	15.82 -0.32 0.00	20.53 -0.36 0.00	22.02 -0.38 0.00	20.21 -0.37 0.00	20.09 -0.32 0.00	19.64 -0.13 0.00	19.04 -0.09 0.00	15.94 -0.13 0.00	18.70 -0.33 0.00	19.58 -0.48 0.00	18.99 -0.38 0.00	21.62 -0.54 0.00	26.94 -1.06 0.00	31.47 -1.04 0.00	37.85 -1.12 0.00	31.07 -1.10 0.00	32.70 -0.88 0.00	26.19 -0.57 0.00	20.30 -0.30 0.00
DUNKIRK___4 23566	22.93 -0.67 0.00	21.42 -0.50 0.00	20.86 -0.13 0.00	21.01 -0.18 0.00	20.14 -0.25 0.00	15.82 -0.32 0.00	20.53 -0.36 0.00	22.02 -0.38 0.00	20.21 -0.37 0.00	20.09 -0.32 0.00	19.64 -0.13 0.00	19.04 -0.09 0.00	15.94 -0.13 0.00	18.70 -0.33 0.00	19.58 -0.48 0.00	18.99 -0.38 0.00	21.62 -0.54 0.00	26.94 -1.06 0.00	31.47 -1.04 0.00	37.85 -1.12 0.00	31.07 -1.10 0.00	32.70 -0.88 0.00	26.19 -0.57 0.00	20.30 -0.30 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	24.35 0.76 0.00	22.51 0.59 0.00	21.52 0.53 0.00	21.65 0.46 0.00	20.84 0.45 0.00	16.57 0.44 0.00	21.38 0.49 0.00	22.99 0.59 0.00	21.26 0.68 0.00	21.16 0.75 0.00	20.61 0.84 0.00	19.89 0.76 0.00	16.79 0.73 0.00	19.93 0.89 0.00	21.08 1.02 0.00	20.42 1.04 0.00	23.32 1.17 0.00	29.45 1.44 0.00	34.07 1.57 0.00	40.56 1.59 0.00	33.43 1.26 0.00	34.76 1.18 0.00	27.71 0.95 0.00	21.24 0.63 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.21 0.62 0.00	22.39 0.47 0.00	21.41 0.42 0.00	21.55 0.36 0.00	20.74 0.35 0.00	16.48 0.35 0.00	21.29 0.40 0.00	22.88 0.48 0.00	21.10 0.52 0.00	20.96 0.54 0.00	20.35 0.59 0.00	19.66 0.53 0.00	16.60 0.54 0.00	19.69 0.66 0.00	20.81 0.75 0.00	20.15 0.77 0.00	23.06 0.92 0.00	29.16 1.16 0.00	33.81 1.31 0.00	40.35 1.39 0.00	33.26 1.09 0.00	34.60 1.02 0.00	27.57 0.81 0.00	21.13 0.52 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	24.41 0.82 0.00	22.53 0.61 0.00	21.51 0.52 0.00	21.64 0.44 0.00	20.85 0.46 0.00	16.59 0.46 0.00	21.36 0.47 0.00	23.01 0.62 0.00	21.31 0.73 0.00	21.20 0.79 0.00	20.66 0.89 0.00	19.95 0.83 0.00	16.83 0.77 0.00	19.96 0.92 0.00	21.11 1.06 0.00	20.43 1.06 0.00	23.34 1.19 0.00	29.48 1.48 0.00	34.15 1.64 0.00	40.59 1.61 0.00	33.48 1.31 0.00	34.77 1.19 0.00	27.75 0.99 0.00	21.29 0.68 0.00

E179THST_13_KV_LOAD 356214	24.52 0.92 0.00	22.62 0.70 0.00	21.61 0.61 0.00	21.73 0.53 0.00	20.93 0.54 0.00	16.65 0.52 0.00	21.44 0.55 0.00	23.11 0.71 0.00	21.39 0.81 0.00	21.29 0.88 0.00	20.75 0.98 0.00	20.05 0.92 0.00	16.91 0.84 0.00	20.05 1.02 0.00	21.21 1.16 0.00	20.53 1.15 0.00	23.44 1.30 0.00	29.62 1.62 0.00	34.31 1.80 0.00	40.78 1.81 0.00	33.64 1.48 0.00	34.93 1.35 0.00	27.88 1.12 0.00	21.38 0.78 0.00
EAST HAMPTON___GT 23717	25.25 1.66 0.00	22.95 1.02 0.00	21.86 0.86 0.00	22.18 0.98 0.00	21.21 0.82 0.00	16.79 0.66 0.00	21.84 0.95 0.00	23.49 1.09 0.00	21.69 1.11 0.00	21.73 1.32 0.00	21.36 1.59 0.00	20.67 1.55 0.00	17.36 1.29 0.00	20.59 1.56 0.00	21.90 1.84 0.00	21.33 1.95 0.00	24.57 2.41 -0.01	31.02 3.02 0.00	35.78 3.27 0.00	42.12 3.15 0.00	34.38 2.21 0.00	35.60 2.02 0.00	28.47 1.71 0.00	21.87 1.27 0.00
EAST RIVER___6 23660	24.42 0.83 0.00	22.55 0.63 0.00	21.56 0.57 0.00	21.68 0.49 0.00	20.88 0.50 0.00	16.62 0.48 0.00	21.42 0.53 0.00	23.05 0.65 0.00	21.36 0.78 0.00	21.28 0.86 0.00	20.75 0.97 0.00	20.02 0.89 0.00	16.91 0.85 0.00	20.06 1.02 0.00	21.22 1.17 0.00	20.56 1.18 0.00	23.47 1.32 0.00	29.62 1.61 0.00	34.26 1.76 0.00	40.71 1.74 0.00	33.57 1.40 0.00	34.88 1.30 0.00	27.82 1.06 0.00	21.31 0.71 0.00
EAST RIVER___7 23524	24.42 0.83 0.00	22.55 0.63 0.00	21.56 0.57 0.00	21.68 0.49 0.00	20.88 0.50 0.00	16.62 0.48 0.00	21.42 0.53 0.00	23.05 0.65 0.00	21.36 0.78 0.00	21.28 0.86 0.00	20.75 0.97 0.00	20.02 0.89 0.00	16.91 0.85 0.00	20.06 1.02 0.00	21.22 1.17 0.00	20.56 1.18 0.00	23.47 1.32 0.00	29.62 1.61 0.00	34.26 1.76 0.00	40.71 1.74 0.00	33.57 1.40 0.00	34.88 1.30 0.00	27.82 1.06 0.00	21.31 0.71 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	24.31 0.71 0.00	22.47 0.55 0.00	21.48 0.48 0.00	21.61 0.42 0.00	20.80 0.41 0.00	16.54 0.41 0.00	21.35 0.46 0.00	22.94 0.55 0.00	21.22 0.64 0.00	21.11 0.70 0.00	20.55 0.78 0.00	19.83 0.71 0.00	16.75 0.68 0.00	19.88 0.84 0.00	21.02 0.96 0.00	20.36 0.98 0.00	23.26 1.11 0.00	29.38 1.38 0.00	34.00 1.50 0.00	40.49 1.52 0.00	33.36 1.19 0.00	34.69 1.11 0.00	27.66 0.89 0.00	21.20 0.59 0.00
EAST_HAMPTON___DIESEL 23722	25.26 1.66 0.00	22.93 1.00 0.00	21.84 0.84 0.00	22.17 0.98 0.00	21.20 0.81 0.00	16.79 0.65 0.00	21.84 0.95 0.00	23.48 1.08 0.00	21.69 1.11 0.00	21.73 1.31 0.00	21.37 1.59 0.00	20.67 1.55 0.00	17.36 1.29 0.00	20.59 1.55 0.00	21.89 1.83 0.00	21.32 1.94 0.00	24.57 2.41 -0.01	31.02 3.01 0.00	35.77 3.26 0.00	42.09 3.12 0.00	34.35 2.18 0.00	35.56 1.98 0.00	28.45 1.69 0.00	21.86 1.26 0.00
EAST_POINT___SOLAR 323840	24.63 1.03 0.00	22.85 0.92 0.00	21.89 0.89 0.00	22.10 0.91 0.00	21.27 0.87 0.00	16.83 0.70 0.00	21.81 0.92 0.00	22.88 0.49 0.00	20.28 -0.30 0.00	20.00 -0.41 0.00	19.65 -0.12 0.00	18.93 -0.20 0.00	15.90 -0.16 0.00	18.85 -0.18 0.00	19.82 -0.23 0.00	19.04 -0.34 0.00	21.84 -0.30 0.00	27.95 -0.05 0.00	33.36 0.85 0.00	40.90 1.93 0.00	33.80 1.64 0.00	35.23 1.65 0.00	28.06 1.29 0.00	21.58 0.97 0.00
EAST_PULASKI___ESR 323781	23.32 -0.28 0.00	21.68 -0.24 0.00	20.77 -0.23 0.00	21.00 -0.19 0.00	20.26 -0.13 0.00	16.04 -0.09 0.00	20.75 -0.14 0.00	22.21 -0.19 0.00	20.30 -0.27 0.00	20.03 -0.38 0.00	19.32 -0.45 0.00	18.67 -0.45 0.00	15.64 -0.42 0.00	18.56 -0.48 0.00	19.46 -0.59 0.00	18.77 -0.60 0.00	21.54 -0.61 0.00	27.31 -0.69 0.00	31.90 -0.60 0.00	38.38 -0.59 0.00	31.71 -0.46 0.00	33.16 -0.43 0.00	26.53 -0.23 0.00	20.45 -0.15 0.00
EAST_RIVER___1 323558	24.40 0.81 0.00	22.54 0.61 0.00	21.56 0.56 0.00	21.67 0.48 0.00	20.87 0.48 0.00	16.61 0.47 0.00	21.41 0.52 0.00	23.03 0.64 0.00	21.33 0.76 0.00	21.25 0.84 0.00	20.72 0.94 0.00	19.98 0.86 0.00	16.88 0.82 0.00	20.03 0.99 0.00	21.18 1.13 0.00	20.52 1.14 0.00	23.42 1.28 0.00	29.56 1.56 0.00	34.20 1.70 0.00	40.67 1.70 0.00	33.53 1.36 0.00	34.84 1.26 0.00	27.78 1.02 0.00	21.29 0.68 0.00
EAST_RIVER___2 323559	24.42 0.83 0.00	22.55 0.63 0.00	21.56 0.57 0.00	21.68 0.49 0.00	20.88 0.50 0.00	16.62 0.48 0.00	21.42 0.53 0.00	23.05 0.65 0.00	21.36 0.78 0.00	21.28 0.86 0.00	20.75 0.97 0.00	20.02 0.89 0.00	16.91 0.85 0.00	20.06 1.02 0.00	21.22 1.17 0.00	20.56 1.18 0.00	23.47 1.32 0.00	29.62 1.61 0.00	34.26 1.76 0.00	40.71 1.74 0.00	33.57 1.40 0.00	34.88 1.30 0.00	27.82 1.06 0.00	21.31 0.71 0.00
EAST___DELAWARE_HYD 23607	23.81 0.22 0.00	22.02 0.10 0.00	21.05 0.05 0.00	21.18 -0.01 0.00	20.39 0.00 0.00	16.20 0.07 0.00	20.93 0.04 0.00	22.50 0.10 0.00	20.73 0.15 0.00	20.54 0.13 0.00	19.92 0.15 0.00	19.22 0.10 0.00	16.23 0.16 0.00	19.13 0.09 0.00	19.79 -0.27 0.00	19.17 -0.21 0.00	22.00 -0.15 0.00	27.87 -0.13 0.00	32.41 -0.09 0.00	38.76 -0.21 0.00	32.04 -0.12 0.00	34.10 0.51 0.00	27.18 0.42 0.00	20.81 0.21 0.00
EIGHT_POINT___WT_PWR 323820	22.75 -0.84 0.00	21.15 -0.77 0.00	20.54 -0.46 0.00	20.67 -0.52 0.00	19.89 -0.50 0.00	15.65 -0.48 0.00	20.47 -0.42 0.00	21.98 -0.42 0.00	19.98 -0.60 0.00	19.78 -0.63 0.00	19.28 -0.49 0.00	18.67 -0.45 0.00	15.64 -0.42 0.00	18.39 -0.64 0.00	19.31 -0.75 0.00	18.70 -0.68 0.00	21.36 -0.79 0.00	26.85 -1.15 0.00	31.77 -0.74 0.00	38.52 -0.45 0.00	31.74 -0.43 0.00	33.39 -0.19 0.00	26.65 -0.12 0.00	20.46 -0.14 0.00
ELBRIDGE_115KV_TB2 80188	23.09 -0.50 0.00	21.53 -0.39 0.00	20.67 -0.33 0.00	20.85 -0.34 0.00	20.06 -0.33 0.00	15.86 -0.27 0.00	20.54 -0.35 0.00	22.03 -0.37 0.00	20.19 -0.39 0.00	20.02 -0.39 0.00	19.46 -0.31 0.00	18.86 -0.26 0.00	15.85 -0.21 0.00	18.72 -0.31 0.00	19.66 -0.40 0.00	18.95 -0.43 0.00	21.63 -0.52 0.00	27.29 -0.71 0.00	31.87 -0.64 0.00	38.29 -0.68 0.00	31.59 -0.58 0.00	33.01 -0.57 0.00	26.33 -0.44 0.00	20.24 -0.37 0.00
ELEC_TRO_TEK 24086	24.49 0.89 0.00	22.60 0.68 0.00	21.61 0.62 0.00	21.74 0.55 0.00	20.89 0.51 0.00	16.60 0.46 0.00	21.37 0.48 0.00	22.97 0.57 0.00	21.27 0.69 0.00	21.19 0.77 0.00	20.69 0.92 0.00	19.97 0.85 0.00	16.85 0.79 0.00	20.01 0.97 0.00	21.23 1.18 0.00	20.57 1.19 0.00	23.48 1.32 -0.01	29.60 1.60 0.00	34.20 1.70 0.00	40.62 1.65 0.00	33.44 1.27 0.00	34.81 1.23 0.00	27.79 1.03 0.00	21.31 0.70 0.00
ELLENBURG_WT_PWR 323604	24.06 0.46 0.00	22.30 0.38 0.00	21.30 0.31 0.00	21.54 0.35 0.00	20.77 0.38 0.00	16.38 0.24 0.00	21.21 0.31 0.00	22.73 0.33 0.00	20.85 0.28 0.00	20.57 0.16 0.00	19.65 -0.13 0.00	19.06 -0.06 0.00	15.91 -0.15 0.00	18.91 -0.13 0.00	20.05 -0.01 0.00	19.42 0.04 0.00	22.33 0.18 0.00	28.46 0.46 0.00	33.03 0.53 0.00	39.68 0.71 0.00	32.71 0.54 0.00	34.14 0.56 0.00	27.17 0.40 0.00	20.97 0.37 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.88 -0.71 0.00	21.42 -0.50 0.00	20.88 -0.12 0.00	21.05 -0.14 0.00	20.12 -0.28 0.00	15.76 -0.38 0.00	20.44 -0.46 0.00	21.88 -0.52 0.00	20.13 -0.45 0.00	20.00 -0.42 0.00	19.55 -0.21 0.00	19.00 -0.12 0.00	15.91 -0.15 0.00	18.68 -0.35 0.00	19.53 -0.52 0.00	18.93 -0.45 0.00	21.48 -0.67 0.00	26.73 -1.27 0.00	31.13 -1.38 0.00	37.43 -1.54 0.00	30.83 -1.33 0.00	32.44 -1.14 0.00	26.04 -0.73 0.00	20.27 -0.33 0.00
EMPIRE_CC_1 323656	23.84 0.24 0.00	22.16 0.24 0.00	21.20 0.20 0.00	21.40 0.21 0.00	20.55 0.16 0.00	16.30 0.17 0.00	21.08 0.19 0.00	22.59 0.19 0.00	20.79 0.22 0.00	20.60 0.19 0.00	19.94 0.17 0.00	19.30 0.18 0.00	16.27 0.20 0.00	19.29 0.25 0.00	20.38 0.32 0.00	19.70 0.33 0.00	22.47 0.32 0.00	28.52 0.52 0.00	32.71 0.21 0.00	39.09 0.12 0.00	32.27 0.10 0.00	33.69 0.10 0.00	26.82 0.06 0.00	20.68 0.08 0.00
EMPIRE_CC_2 323658	23.84 0.24 0.00	22.16 0.24 0.00	21.20 0.20 0.00	21.40 0.21 0.00	20.55 0.16 0.00	16.30 0.17 0.00	21.08 0.19 0.00	22.59 0.19 0.00	20.79 0.22 0.00	20.60 0.19 0.00	19.94 0.17 0.00	19.30 0.18 0.00	16.27 0.20 0.00	19.29 0.25 0.00	20.38 0.32 0.00	19.70 0.33 0.00	22.47 0.32 0.00	28.52 0.52 0.00	32.71 0.21 0.00	39.09 0.12 0.00	32.27 0.10 0.00	33.69 0.10 0.00	26.82 0.06 0.00	20.68 0.08 0.00
ENORWICH_115KV_TB1 80156	24.46 0.86 0.00	22.59 0.67 0.00	21.73 0.73 0.00	21.87 0.68 0.00	21.01 0.62 0.00	16.66 0.52 0.00	21.59 0.70 0.00	23.16 0.76 0.00	21.13 0.55 0.00	20.83 0.42 0.00	20.13 0.36 0.00	19.44 0.32 0.00	16.34 0.27 0.00	19.30 0.26 0.00	20.29 0.24 0.00	19.50 0.13 0.00	22.31 0.16 0.00	28.48 0.48 0.00	33.70 1.20 0.00	40.99 2.02 0.00	33.77 1.60 0.00	35.31 1.73 0.00	28.11 1.34 0.00	21.47 0.87 0.00
ERIE_ST__34_KV_TB1-2 80199	22.92 -0.68 0.00	21.44 -0.48 0.00	20.87 -0.13 0.00	21.04 -0.16 0.00	20.11 -0.28 0.00	15.78 -0.36 0.00	20.47 -0.42 0.00	21.95 -0.45 0.00	20.19 -0.39 0.00	20.06 -0.35 0.00	19.61 -0.16 0.00	19.08 -0.05 0.00	15.97 -0.09 0.00	18.74 -0.29 0.00	19.58 -0.47 0.00	18.97 -0.41 0.00	21.57 -0.58 0.00	26.88 -1.12 0.00	31.35 -1.15 0.00	37.69 -1.29 0.00	31.02 -1.15 0.00	32.62 -0.96 0.00	26.15 -0.61 0.00	20.31 -0.29 0.00
ERIE_WT_PWR 323693	22.94 -0.65 0.00	21.47 -0.45 0.00	20.92 -0.08 0.00	21.08 -0.11 0.00	20.14 -0.25 0.00	15.80 -0.34 0.00	20.49 -0.41 0.00	21.95 -0.45 0.00	20.18 -0.40 0.00	20.04 -0.37 0.00	19.60 -0.17 0.00	19.03 -0.09 0.00	15.94 -0.12 0.00	18.72 -0.31 0.00	19.56 -0.49 0.00	18.97 -0.41 0.00	21.53 -0.62 0.00	26.80 -1.20 0.00	31.24 -1.26 0.00	37.60 -1.37 0.00	30.96 -1.21 0.00	32.58 -1.00 0.00	26.13 -0.63 0.00	20.33 -0.28 0.00
ESPRGFLD_115KV_TB1 80157	24.19 0.59 0.00	22.43 0.51 0.00	21.52 0.53 0.00	21.72 0.53 0.00	20.90 0.51 0.00	16.54 0.41 0.00	21.43 0.54 0.00	22.92 0.52 0.00	20.96 0.39 0.00	20.80 0.39 0.00	20.20 0.42 0.00	19.46 0.33 0.00	16.30 0.23 0.00	19.28 0.24 0.00	20.25 0.20 0.00	19.54 0.16 0.00	22.44 0.29 0.00	28.34 0.33 0.00	33.27 0.77 0.00	40.18 1.21 0.00	33.16 1.00 0.00	34.58 1.00 0.00	27.60 0.83 0.00	21.23 0.62 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.55 -0.05 0.00	21.90 -0.02 0.00	21.03 0.03 0.00	21.19 0.00 0.00	20.40 0.01 0.00	16.15 0.01 0.00	20.93 0.04 0.00	22.44 0.04 0.00	20.49 -0.08 0.00	20.25 -0.17 0.00	19.62 -0.15 0.00	19.01 -0.12 0.00	16.00 -0.07 0.00	18.89 -0.14 0.00	19.88 -0.18 0.00	19.19 -0.19 0.00	21.88 -0.27 0.00	27.70 -0.31 0.00	32.50 -0.01 0.00	39.22 0.24 0.00	32.35 0.19 0.00	33.81 0.22 0.00	26.93 0.17 0.00	20.67 0.06 0.00
ETNA____115KV_TB2 80207	23.55 -0.05 0.00	21.90 -0.02 0.00	21.03 0.03 0.00	21.19 0.00 0.00	20.40 0.01 0.00	16.15 0.01 0.00	20.93 0.04 0.00	22.44 0.04 0.00	20.49 -0.08 0.00	20.25 -0.17 0.00	19.62 -0.15 0.00	19.01 -0.12 0.00	16.00 -0.07 0.00	18.89 -0.14 0.00	19.88 -0.18 0.00	19.19 -0.19 0.00	21.88 -0.27 0.00	27.70 -0.31 0.00	32.50 -0.01 0.00	39.22 0.24 0.00	32.35 0.19 0.00	33.81 0.22 0.00	26.93 0.17 0.00	20.67 0.06 0.00
EUCLID____115KV_TB2 356179	23.00 -0.60 0.00	21.45 -0.47 0.00	20.60 -0.40 0.00	20.78 -0.41 0.00	19.98 -0.41 0.00	15.81 -0.32 0.00	20.47 -0.42 0.00	21.94 -0.46 0.00	20.13 -0.45 0.00	19.98 -0.44 0.00	19.39 -0.38 0.00	18.78 -0.34 0.00	15.79 -0.28 0.00	18.67 -0.37 0.00	19.60 -0.45 0.00	18.89 -0.49 0.00	21.54 -0.61 0.00	27.21 -0.80 0.00	31.69 -0.81 0.00	38.04 -0.93 0.00	31.39 -0.78 0.00	32.79 -0.79 0.00	26.18 -0.59 0.00	20.15 -0.45 0.00
E_CANADA_CAP_HY 24051	24.40 0.81 0.00	22.64 0.72 0.00	21.71 0.72 0.00	21.94 0.74 0.00	21.12 0.73 0.00	16.70 0.56 0.00	21.63 0.74 0.00	23.03 0.63 0.00	20.89 0.31 0.00	20.65 0.24 0.00	20.04 0.27 0.00	19.29 0.17 0.00	16.17 0.10 0.00	19.15 0.12 0.00	20.11 0.05 0.00	19.42 0.04 0.00	22.34 0.19 0.00	28.26 0.25 0.00	33.29 0.79 0.00	40.37 1.40 0.00	33.36 1.19 0.00	34.77 1.19 0.00	27.75 0.99 0.00	21.38 0.78 0.00
E_CANADA_MHWK_HY 24050	23.85 0.25 0.00	22.10 0.18 0.00	21.18 0.19 0.00	21.33 0.13 0.00	20.47 0.08 0.00	16.27 0.14 0.00	21.09 0.20 0.00	22.53 0.13 0.00	20.36 -0.22 0.00	20.02 -0.40 0.00	19.33 -0.44 0.00	18.69 -0.43 0.00	15.83 -0.23 0.00	18.86 -0.18 0.00	19.87 -0.18 0.00	19.24 -0.14 0.00	22.10 -0.05 0.00	28.21 0.20 0.00	33.06 0.55 0.00	39.80 0.82 0.00	32.89 0.72 0.00	34.27 0.68 0.00	27.22 0.45 0.00	20.83 0.23 0.00
E_FISHKILL__LBMP 23776	24.20 0.60 0.00	22.38 0.46 0.00	21.41 0.41 0.00	21.55 0.36 0.00	20.74 0.35 0.00	16.48 0.35 0.00	21.28 0.39 0.00	22.88 0.48 0.00	21.13 0.55 0.00	21.01 0.59 0.00	20.43 0.67 0.00	19.72 0.60 0.00	16.64 0.58 0.00	19.75 0.71 0.00	20.88 0.83 0.00	20.22 0.84 0.00	23.11 0.96 0.00	29.20 1.20 0.00	33.77 1.27 0.00	40.25 1.28 0.00	33.19 1.02 0.00	34.52 0.94 0.00	27.50 0.73 0.00	21.08 0.48 0.00
FALCON__SEABRD_CC1 323796	24.26 0.67 0.00	22.50 0.58 0.00	21.50 0.50 0.00	21.73 0.54 0.00	20.96 0.57 0.00	16.56 0.42 0.00	21.45 0.55 0.00	22.99 0.59 0.00	21.08 0.51 0.00	20.80 0.38 0.00	19.88 0.11 0.00	19.27 0.15 0.00	16.08 0.02 0.00	19.10 0.07 0.00	20.26 0.20 0.00	19.60 0.22 0.00	22.54 0.39 0.00	28.79 0.79 0.00	33.36 0.86 0.00	40.08 1.11 0.00	33.04 0.87 0.00	34.47 0.88 0.00	27.42 0.66 0.00	21.16 0.55 0.00
FALCON__SEABRD_CC2 323797	24.26 0.67 0.00	22.50 0.58 0.00	21.50 0.50 0.00	21.73 0.54 0.00	20.96 0.57 0.00	16.56 0.42 0.00	21.45 0.55 0.00	22.99 0.59 0.00	21.08 0.51 0.00	20.80 0.38 0.00	19.88 0.11 0.00	19.27 0.15 0.00	16.08 0.02 0.00	19.10 0.07 0.00	20.26 0.20 0.00	19.60 0.22 0.00	22.54 0.39 0.00	28.79 0.79 0.00	33.36 0.86 0.00	40.08 1.11 0.00	33.04 0.87 0.00	34.47 0.88 0.00	27.42 0.66 0.00	21.16 0.55 0.00

FAR ROCKAWAY___4 23548	24.82 1.23 0.00	22.89 0.97 0.00	21.88 0.89 0.00	22.00 0.81 0.00	21.14 0.75 0.00	16.78 0.65 0.00	21.60 0.71 0.00	23.22 0.82 0.00	21.50 0.92 0.00	21.41 1.00 0.00	20.94 1.17 0.00	20.22 1.11 0.00	17.08 1.01 0.00	20.28 1.25 0.00	21.53 1.48 0.00	20.89 1.51 0.00	23.84 1.68 -0.01	30.06 2.06 0.00	34.73 2.22 0.00	41.22 2.25 0.00	33.93 1.76 0.00	35.30 1.72 0.00	28.17 1.40 0.00	21.60 0.99 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.41 0.81 0.00	22.55 0.62 0.00	21.56 0.57 0.00	21.68 0.49 0.00	20.87 0.48 0.00	16.61 0.48 0.00	21.42 0.53 0.00	23.03 0.64 0.00	21.33 0.76 0.00	21.25 0.84 0.00	20.72 0.94 0.00	19.98 0.86 0.00	16.88 0.82 0.00	20.02 0.99 0.00	21.18 1.12 0.00	20.51 1.14 0.00	23.42 1.27 0.00	29.56 1.56 0.00	34.20 1.70 0.00	40.66 1.69 0.00	33.53 1.36 0.00	34.85 1.26 0.00	27.79 1.02 0.00	21.30 0.70 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.41 0.82 0.00	22.55 0.63 0.00	21.56 0.57 0.00	21.68 0.49 0.00	20.88 0.49 0.00	16.61 0.48 0.00	21.42 0.53 0.00	23.03 0.64 0.00	21.33 0.76 0.00	21.25 0.84 0.00	20.71 0.94 0.00	19.98 0.86 0.00	16.88 0.82 0.00	20.02 0.99 0.00	21.18 1.12 0.00	20.51 1.14 0.00	23.42 1.27 0.00	29.56 1.56 0.00	34.20 1.70 0.00	40.67 1.70 0.00	33.54 1.37 0.00	34.85 1.27 0.00	27.79 1.03 0.00	21.30 0.70 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.39 0.80 0.00	22.53 0.61 0.00	21.54 0.55 0.00	21.66 0.47 0.00	20.87 0.48 0.00	16.60 0.47 0.00	21.40 0.51 0.00	23.02 0.62 0.00	21.32 0.74 0.00	21.24 0.82 0.00	20.70 0.93 0.00	19.97 0.85 0.00	16.87 0.81 0.00	20.01 0.97 0.00	21.16 1.11 0.00	20.50 1.12 0.00	23.40 1.26 0.00	29.54 1.54 0.00	34.18 1.68 0.00	40.63 1.66 0.00	33.51 1.34 0.00	34.82 1.24 0.00	27.77 1.00 0.00	21.28 0.68 0.00
FARRAGUT___LBMP 323566	24.38 0.78 0.00	22.52 0.60 0.00	21.54 0.54 0.00	21.65 0.46 0.00	20.85 0.46 0.00	16.59 0.46 0.00	21.39 0.50 0.00	23.01 0.61 0.00	21.30 0.73 0.00	21.23 0.81 0.00	20.69 0.92 0.00	19.95 0.83 0.00	16.86 0.80 0.00	19.99 0.96 0.00	21.15 1.10 0.00	20.48 1.11 0.00	23.39 1.25 0.00	29.51 1.51 0.00	34.15 1.64 0.00	40.61 1.63 0.00	33.49 1.32 0.00	34.80 1.22 0.00	27.75 0.99 0.00	21.27 0.66 0.00
FENNER___WINDPWR 24204	23.76 0.17 0.00	22.08 0.16 0.00	21.17 0.17 0.00	21.36 0.17 0.00	20.57 0.18 0.00	16.29 0.16 0.00	21.12 0.23 0.00	22.59 0.19 0.00	20.63 0.05 0.00	20.41 0.00 0.00	19.75 -0.02 0.00	19.12 0.00 0.00	16.06 -0.01 0.00	19.00 -0.04 0.00	19.95 -0.10 0.00	19.27 -0.11 0.00	22.05 -0.10 0.00	27.98 -0.02 0.00	32.68 0.18 0.00	39.38 0.40 0.00	32.51 0.34 0.00	33.93 0.35 0.00	27.03 0.27 0.00	20.78 0.17 0.00
FIBERTEK___ENERGY 23856	23.22 -0.38 0.00	21.64 -0.28 0.00	20.77 -0.22 0.00	20.95 -0.24 0.00	20.16 -0.23 0.00	15.95 -0.18 0.00	20.65 -0.24 0.00	22.13 -0.26 0.00	20.29 -0.29 0.00	20.13 -0.28 0.00	19.54 -0.23 0.00	18.94 -0.18 0.00	15.92 -0.14 0.00	18.81 -0.22 0.00	19.76 -0.30 0.00	19.02 -0.35 0.00	21.73 -0.42 0.00	27.46 -0.54 0.00	32.04 -0.46 0.00	38.49 -0.49 0.00	31.75 -0.41 0.00	33.16 -0.42 0.00	26.45 -0.31 0.00	20.35 -0.26 0.00
FITZPATRICK___ 23598	22.73 -0.86 0.00	21.21 -0.72 0.00	20.35 -0.64 0.00	20.54 -0.66 0.00	19.75 -0.64 0.00	15.63 -0.50 0.00	20.23 -0.66 0.00	21.69 -0.71 0.00	19.91 -0.67 0.00	19.77 -0.64 0.00	19.18 -0.59 0.00	18.57 -0.55 0.00	15.60 -0.47 0.00	18.45 -0.58 0.00	19.38 -0.67 0.00	18.67 -0.71 0.00	21.30 -0.85 0.00	26.89 -1.11 0.00	31.27 -1.24 0.00	37.53 -1.44 0.00	30.99 -1.18 0.00	32.37 -1.22 0.00	25.83 -0.94 0.00	19.89 -0.71 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.43 0.84 0.00	22.59 0.67 0.00	21.61 0.61 0.00	21.75 0.55 0.00	20.92 0.53 0.00	16.62 0.49 0.00	21.48 0.59 0.00	23.09 0.69 0.00	21.30 0.73 0.00	21.16 0.75 0.00	20.57 0.80 0.00	19.86 0.74 0.00	16.78 0.71 0.00	19.91 0.87 0.00	21.04 0.99 0.00	20.38 1.01 0.00	23.33 1.19 0.00	29.52 1.52 0.00	34.20 1.69 0.00	40.77 1.80 0.00	33.60 1.44 0.00	34.94 1.36 0.00	27.82 1.05 0.00	21.31 0.70 0.00
FORT ORANGE___ 23900	23.77 0.18 0.00	22.07 0.15 0.00	21.12 0.12 0.00	21.31 0.11 0.00	20.49 0.10 0.00	16.25 0.12 0.00	21.02 0.13 0.00	22.54 0.14 0.00	20.68 0.10 0.00	20.47 0.05 0.00	19.84 0.07 0.00	19.20 0.07 0.00	16.18 0.11 0.00	19.19 0.15 0.00	20.26 0.21 0.00	19.61 0.23 0.00	22.40 0.25 0.00	28.36 0.36 0.00	32.82 0.31 0.00	39.28 0.31 0.00	32.43 0.26 0.00	33.81 0.22 0.00	26.89 0.12 0.00	20.72 0.11 0.00
FORT_DRUM_COGEN 23780	24.42 0.82 0.00	22.50 0.58 0.00	21.49 0.49 0.00	21.87 0.68 0.00	21.26 0.86 0.00	16.84 0.71 0.00	21.77 0.87 0.00	23.20 0.80 0.00	20.98 0.41 0.00	20.42 0.00 0.00	19.35 -0.42 0.00	18.62 -0.50 0.00	15.50 -0.57 0.00	18.58 -0.45 0.00	19.40 -0.65 0.00	18.77 -0.61 0.00	22.02 -0.13 0.00	28.24 0.24 0.00	33.12 0.62 0.00	40.02 1.05 0.00	33.11 0.95 0.00	34.67 1.09 0.00	27.77 1.01 0.00	21.53 0.92 0.00
FOX_HILLS___ESR 323835	24.46 0.86 0.00	22.58 0.66 0.00	21.58 0.59 0.00	21.71 0.52 0.00	20.93 0.53 0.00	16.66 0.52 0.00	21.45 0.56 0.00	23.08 0.68 0.00	21.38 0.80 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.00 0.88 0.00	16.88 0.82 0.00	20.01 0.97 0.00	21.15 1.10 0.00	20.48 1.11 0.00	23.38 1.24 0.00	29.55 1.55 0.00	34.24 1.74 0.00	40.68 1.70 0.00	33.55 1.38 0.00	34.84 1.25 0.00	27.80 1.03 0.00	21.32 0.71 0.00
FPL_FAR_ROCK_GT1 24212	24.82 1.23 0.00	22.89 0.96 0.00	21.88 0.89 0.00	22.00 0.81 0.00	21.14 0.75 0.00	16.78 0.65 0.00	21.60 0.71 0.00	23.22 0.82 0.00	21.50 0.92 0.00	21.41 1.00 0.00	20.94 1.17 0.00	20.22 1.10 0.00	17.08 1.01 0.00	20.28 1.25 0.00	21.53 1.48 0.00	20.89 1.51 0.00	23.84 1.68 -0.01	30.06 2.06 0.00	34.72 2.22 0.00	41.23 2.26 0.00	33.93 1.76 0.00	35.30 1.72 0.00	28.17 1.40 0.00	21.60 0.99 0.00
FPL_FAR_ROCK_GT2 23815	24.82 1.23 0.00	22.89 0.96 0.00	21.88 0.89 0.00	22.00 0.81 0.00	21.14 0.75 0.00	16.78 0.65 0.00	21.60 0.71 0.00	23.22 0.82 0.00	21.50 0.92 0.00	21.41 1.00 0.00	20.94 1.17 0.00	20.22 1.10 0.00	17.08 1.01 0.00	20.28 1.25 0.00	21.53 1.48 0.00	20.89 1.51 0.00	23.84 1.68 -0.01	30.06 2.06 0.00	34.72 2.22 0.00	41.23 2.26 0.00	33.93 1.76 0.00	35.30 1.72 0.00	28.17 1.40 0.00	21.60 0.99 0.00
FRANKLIN_FALL_HYD 24054	24.44 0.85 0.00	22.63 0.71 0.00	21.61 0.61 0.00	21.85 0.66 0.00	21.07 0.68 0.00	16.60 0.46 0.00	21.50 0.61 0.00	23.06 0.66 0.00	21.17 0.60 0.00	20.93 0.51 0.00	20.04 0.27 0.00	19.43 0.31 0.00	16.23 0.17 0.00	19.26 0.23 0.00	20.38 0.33 0.00	19.70 0.32 0.00	22.69 0.54 0.00	28.87 0.87 0.00	33.55 1.04 0.00	40.37 1.40 0.00	33.30 1.13 0.00	34.74 1.16 0.00	27.62 0.86 0.00	21.32 0.72 0.00



FREEPORT_EQUS_GT1 23764	24.66 1.06 0.00	22.72 0.80 0.00	21.72 0.72 0.00	21.84 0.65 0.00	20.99 0.60 0.00	16.66 0.53 0.00	21.44 0.55 0.00	23.05 0.65 0.00	21.34 0.77 0.00	21.26 0.84 0.00	20.78 1.01 0.00	20.07 0.95 0.00	16.93 0.86 0.00	20.11 1.07 0.00	21.36 1.30 0.00	20.71 1.33 0.00	23.65 1.49 -0.01	29.82 1.82 0.00	34.45 1.94 0.00	40.89 1.92 0.00	33.64 1.48 0.00	35.01 1.42 0.00	27.94 1.18 0.00	21.42 0.82 0.00
FREEPORT___CT2 23818	24.66 1.06 0.00	22.72 0.80 0.00	21.72 0.72 0.00	21.84 0.65 0.00	20.99 0.60 0.00	16.66 0.53 0.00	21.44 0.55 0.00	23.05 0.65 0.00	21.34 0.77 0.00	21.26 0.84 0.00	20.78 1.01 0.00	20.07 0.95 0.00	16.93 0.86 0.00	20.11 1.07 0.00	21.36 1.30 0.00	20.71 1.33 0.00	23.65 1.49 -0.01	29.82 1.82 0.00	34.45 1.94 0.00	40.89 1.92 0.00	33.64 1.48 0.00	35.01 1.42 0.00	27.94 1.18 0.00	21.42 0.82 0.00
FRESHKLS_33_KV_LOAD 356253	24.53 0.93 0.00	22.64 0.71 0.00	21.64 0.64 0.00	21.77 0.58 0.00	20.99 0.60 0.00	16.71 0.57 0.00	21.52 0.62 0.00	23.15 0.75 0.00	21.43 0.86 0.00	21.32 0.91 0.00	20.76 0.99 0.00	20.03 0.91 0.00	16.90 0.84 0.00	20.03 1.00 0.00	21.17 1.12 0.00	20.50 1.13 0.00	23.41 1.27 0.00	29.60 1.60 0.00	34.33 1.83 0.00	40.77 1.81 0.00	33.61 1.44 0.00	34.90 1.32 0.00	27.86 1.10 0.00	21.36 0.76 0.00
FULTON COGEN____ 23766	22.97 -0.63 0.00	21.41 -0.51 0.00	20.56 -0.44 0.00	20.75 -0.45 0.00	19.95 -0.44 0.00	15.79 -0.34 0.00	20.43 -0.46 0.00	21.90 -0.50 0.00	20.09 -0.49 0.00	19.93 -0.49 0.00	19.35 -0.42 0.00	18.74 -0.39 0.00	15.72 -0.34 0.00	18.59 -0.45 0.00	19.52 -0.53 0.00	18.80 -0.57 0.00	21.46 -0.69 0.00	27.12 -0.89 0.00	31.61 -0.89 0.00	37.97 -1.00 0.00	31.35 -0.82 0.00	32.74 -0.84 0.00	26.13 -0.64 0.00	20.12 -0.49 0.00
FULTON___LFGE 323630	24.51 0.92 0.00	22.75 0.83 0.00	21.78 0.79 0.00	21.99 0.79 0.00	21.16 0.77 0.00	16.75 0.61 0.00	21.69 0.80 0.00	23.05 0.65 0.00	20.68 0.10 0.00	20.33 -0.09 0.00	19.68 -0.09 0.00	19.03 -0.09 0.00	16.11 0.04 0.00	19.09 0.05 0.00	20.09 0.03 0.00	19.45 0.07 0.00	22.44 0.29 0.00	28.34 0.34 0.00	33.47 0.96 0.00	40.67 1.70 0.00	33.61 1.44 0.00	35.02 1.44 0.00	27.90 1.13 0.00	21.45 0.84 0.00
G.F.CEMENT___DRP 24184	24.94 1.34 0.00	23.15 1.22 0.00	22.14 1.15 0.00	22.35 1.16 0.00	21.47 1.08 0.00	17.02 0.89 0.00	22.08 1.19 0.00	23.67 1.28 0.00	21.61 1.03 0.00	21.30 0.89 0.00	20.46 0.69 0.00	19.87 0.75 0.00	16.74 0.68 0.00	19.90 0.86 0.00	21.00 0.95 0.00	20.39 1.01 0.00	23.41 1.26 0.00	29.94 1.94 0.00	34.62 2.12 0.00	41.60 2.63 0.00	34.29 2.12 0.00	35.72 2.14 0.00	28.34 1.58 0.00	21.71 1.11 0.00
GARDENVILLE___LBMP 24039	22.89 -0.70 0.00	21.43 -0.50 0.00	20.88 -0.12 0.00	21.04 -0.15 0.00	20.12 -0.27 0.00	15.77 -0.36 0.00	20.46 -0.44 0.00	21.91 -0.48 0.00	20.14 -0.44 0.00	20.00 -0.41 0.00	19.56 -0.21 0.00	19.00 -0.12 0.00	15.91 -0.15 0.00	18.68 -0.35 0.00	19.53 -0.53 0.00	18.93 -0.45 0.00	21.50 -0.66 0.00	26.76 -1.24 0.00	31.20 -1.31 0.00	37.52 -1.45 0.00	30.90 -1.27 0.00	32.52 -1.06 0.00	26.08 -0.69 0.00	20.29 -0.32 0.00
GARDNVLA_35_KV_LD 355827	22.96 -0.63 0.00	21.49 -0.43 0.00	20.93 -0.06 0.00	21.10 -0.09 0.00	20.16 -0.23 0.00	15.81 -0.33 0.00	20.50 -0.39 0.00	21.97 -0.43 0.00	20.19 -0.39 0.00	20.07 -0.35 0.00	19.63 -0.14 0.00	19.07 -0.05 0.00	15.97 -0.10 0.00	18.76 -0.28 0.00	19.60 -0.45 0.00	19.00 -0.38 0.00	21.58 -0.57 0.00	26.86 -1.15 0.00	31.31 -1.20 0.00	37.65 -1.32 0.00	31.00 -1.17 0.00	32.63 -0.95 0.00	26.17 -0.60 0.00	20.36 -0.25 0.00
GELCKHM___115KV_LOAD 80723	23.08 -0.52 0.00	21.52 -0.40 0.00	20.66 -0.33 0.00	20.84 -0.35 0.00	20.04 -0.35 0.00	15.86 -0.27 0.00	20.53 -0.36 0.00	22.01 -0.39 0.00	20.19 -0.39 0.00	20.03 -0.38 0.00	19.45 -0.32 0.00	18.84 -0.27 0.00	15.84 -0.23 0.00	18.72 -0.31 0.00	19.66 -0.40 0.00	18.95 -0.43 0.00	21.61 -0.54 0.00	27.31 -0.70 0.00	31.83 -0.68 0.00	38.21 -0.76 0.00	31.53 -0.64 0.00	32.93 -0.65 0.00	26.28 -0.49 0.00	20.22 -0.38 0.00
GENERAL___MILLS 23808	22.94 -0.66 0.00	21.47 -0.46 0.00	20.91 -0.08 0.00	21.08 -0.12 0.00	20.14 -0.25 0.00	15.79 -0.35 0.00	20.48 -0.42 0.00	21.94 -0.46 0.00	20.17 -0.41 0.00	20.04 -0.37 0.00	19.59 -0.17 0.00	19.03 -0.09 0.00	15.94 -0.12 0.00	18.72 -0.32 0.00	19.57 -0.49 0.00	18.96 -0.41 0.00	21.53 -0.62 0.00	26.80 -1.20 0.00	31.25 -1.26 0.00	37.59 -1.38 0.00	30.95 -1.22 0.00	32.57 -1.02 0.00	26.12 -0.64 0.00	20.32 -0.28 0.00
GE_PLASTICS___DRP 24183	23.75 0.16 0.00	22.05 0.13 0.00	21.11 0.11 0.00	21.29 0.10 0.00	20.48 0.09 0.00	16.24 0.10 0.00	21.00 0.11 0.00	22.52 0.12 0.00	20.70 0.13 0.00	20.52 0.10 0.00	19.89 0.12 0.00	19.24 0.12 0.00	16.21 0.14 0.00	19.23 0.19 0.00	20.30 0.24 0.00	19.63 0.25 0.00	22.43 0.28 0.00	28.38 0.38 0.00	32.82 0.31 0.00	39.25 0.28 0.00	32.40 0.23 0.00	33.78 0.20 0.00	26.89 0.12 0.00	20.70 0.09 0.00
GILBOA___1 23756	23.84 0.24 0.00	22.12 0.19 0.00	21.18 0.18 0.00	21.35 0.16 0.00	20.53 0.15 0.00	16.29 0.15 0.00	21.07 0.18 0.00	22.61 0.21 0.00	20.80 0.22 0.00	20.64 0.22 0.00	20.02 0.25 0.00	19.35 0.23 0.00	16.30 0.23 0.00	19.33 0.29 0.00	20.40 0.34 0.00	19.73 0.35 0.00	22.54 0.40 0.00	28.52 0.52 0.00	33.02 0.51 0.00	39.45 0.48 0.00	32.60 0.43 0.00	33.99 0.41 0.00	27.08 0.31 0.00	20.80 0.20 0.00
GILBOA___2 23757	23.84 0.24 0.00	22.12 0.19 0.00	21.18 0.18 0.00	21.35 0.16 0.00	20.53 0.15 0.00	16.29 0.15 0.00	21.07 0.18 0.00	22.61 0.21 0.00	20.80 0.22 0.00	20.64 0.22 0.00	20.02 0.25 0.00	19.35 0.23 0.00	16.30 0.23 0.00	19.33 0.29 0.00	20.40 0.34 0.00	19.73 0.35 0.00	22.54 0.40 0.00	28.52 0.52 0.00	33.02 0.51 0.00	39.45 0.48 0.00	32.60 0.43 0.00	33.99 0.41 0.00	27.08 0.31 0.00	20.80 0.20 0.00
GILBOA___3 23758	23.84 0.24 0.00	22.12 0.19 0.00	21.18 0.18 0.00	21.35 0.16 0.00	20.53 0.15 0.00	16.29 0.15 0.00	21.07 0.18 0.00	22.61 0.21 0.00	20.80 0.22 0.00	20.64 0.22 0.00	20.02 0.25 0.00	19.35 0.23 0.00	16.30 0.23 0.00	19.33 0.29 0.00	20.40 0.34 0.00	19.73 0.35 0.00	22.54 0.40 0.00	28.52 0.52 0.00	33.02 0.51 0.00	39.45 0.48 0.00	32.60 0.43 0.00	33.99 0.41 0.00	27.08 0.31 0.00	20.80 0.20 0.00
GILBOA___4 23759	23.84 0.24 0.00	22.12 0.19 0.00	21.18 0.18 0.00	21.35 0.16 0.00	20.53 0.15 0.00	16.29 0.15 0.00	21.07 0.18 0.00	22.61 0.21 0.00	20.80 0.22 0.00	20.64 0.22 0.00	20.02 0.25 0.00	19.35 0.23 0.00	16.30 0.23 0.00	19.33 0.29 0.00	20.40 0.34 0.00	19.73 0.35 0.00	22.54 0.40 0.00	28.52 0.52 0.00	33.02 0.51 0.00	39.45 0.48 0.00	32.60 0.43 0.00	33.99 0.41 0.00	27.08 0.31 0.00	20.80 0.20 0.00

GILBOA____ 23599	23.84 0.24 0.00	22.12 0.19 0.00	21.18 0.18 0.00	21.35 0.15 0.00	20.54 0.14 0.00	16.29 0.15 0.00	21.07 0.18 0.00	22.61 0.21 0.00	20.80 0.22 0.00	20.64 0.22 0.00	20.02 0.25 0.00	19.35 0.23 0.00	16.30 0.23 0.00	19.33 0.29 0.00	20.40 0.34 0.00	19.73 0.35 0.00	22.54 0.40 0.00	28.52 0.52 0.00	33.02 0.51 0.00	39.45 0.48 0.00	32.60 0.43 0.00	33.99 0.41 0.00	27.08 0.31 0.00	20.80 0.19 0.00
GINNA____ 23603	22.14 -1.46 0.00	20.68 -1.24 0.00	19.97 -1.03 0.00	20.15 -1.05 0.00	19.31 -1.08 0.00	15.21 -0.93 0.00	19.71 -1.18 0.00	21.11 -1.28 0.00	19.37 -1.21 0.00	19.22 -1.19 0.00	18.73 -1.04 0.00	18.21 -0.91 0.00	15.26 -0.81 0.00	17.96 -1.07 0.00	18.83 -1.22 0.00	18.20 -1.18 0.00	20.67 -1.48 0.00	26.10 -1.91 0.00	30.46 -2.05 0.00	36.58 -2.39 0.00	30.17 -2.00 0.00	31.56 -2.02 0.00	25.20 -1.56 0.00	19.50 -1.11 0.00
GLEN PARK____ 23778	24.51 0.92 0.00	22.59 0.67 0.00	21.58 0.59 0.00	21.96 0.77 0.00	21.33 0.94 0.00	16.91 0.77 0.00	21.85 0.96 0.00	23.29 0.89 0.00	21.04 0.47 0.00	20.43 0.02 0.00	19.35 -0.42 0.00	18.65 -0.47 0.00	15.54 -0.53 0.00	18.63 -0.41 0.00	19.41 -0.64 0.00	18.78 -0.59 0.00	22.07 -0.08 0.00	28.40 0.40 0.00	33.33 0.82 0.00	40.28 1.31 0.00	33.32 1.15 0.00	34.87 1.29 0.00	27.92 1.15 0.00	21.62 1.01 0.00
GLENDALE_27_KV_LOAD 356172	24.51 0.92 0.00	22.63 0.71 0.00	21.62 0.63 0.00	21.73 0.54 0.00	20.94 0.55 0.00	16.67 0.53 0.00	21.47 0.58 0.00	23.10 0.71 0.00	21.41 0.83 0.00	21.32 0.91 0.00	20.78 1.01 0.00	20.07 0.95 0.00	16.95 0.88 0.00	20.10 1.06 0.00	21.25 1.19 0.00	20.58 1.20 0.00	23.48 1.33 0.00	29.65 1.65 0.00	34.33 1.82 0.00	40.77 1.81 0.00	33.64 1.48 0.00	34.96 1.37 0.00	27.88 1.12 0.00	21.38 0.78 0.00
GLENWOOD_IC_1_G5 23712	24.53 0.93 0.00	22.65 0.73 0.00	21.66 0.67 0.00	21.79 0.60 0.00	20.95 0.56 0.00	16.65 0.51 0.00	21.45 0.56 0.00	23.07 0.67 0.00	21.35 0.77 0.00	21.26 0.85 0.00	20.75 0.98 0.00	20.03 0.91 0.00	16.91 0.85 0.00	20.07 1.04 0.00	21.27 1.22 0.00	20.62 1.25 0.00	23.56 1.40 -0.01	29.71 1.71 0.00	34.35 1.84 0.00	40.81 1.84 0.00	33.61 1.44 0.00	34.97 1.38 0.00	27.88 1.12 0.00	21.37 0.77 0.00
GLENWOOD_IC_2_G1 23688	24.43 0.84 0.00	22.56 0.64 0.00	21.57 0.58 0.00	21.70 0.51 0.00	20.87 0.48 0.00	16.59 0.46 0.00	21.39 0.50 0.00	23.00 0.60 0.00	21.28 0.70 0.00	21.18 0.77 0.00	20.65 0.88 0.00	19.93 0.81 0.00	16.83 0.76 0.00	19.97 0.94 0.00	21.15 1.10 0.00	20.49 1.12 0.00	23.40 1.25 0.00	29.53 1.53 0.00	34.15 1.65 0.00	40.62 1.65 0.00	33.47 1.30 0.00	34.81 1.23 0.00	27.76 1.00 0.00	21.28 0.67 0.00
GLENWOOD_IC_3_G1 23689	24.43 0.84 0.00	22.56 0.64 0.00	21.57 0.58 0.00	21.70 0.51 0.00	20.87 0.48 0.00	16.59 0.46 0.00	21.39 0.50 0.00	23.00 0.60 0.00	21.28 0.70 0.00	21.18 0.77 0.00	20.65 0.88 0.00	19.93 0.81 0.00	16.83 0.76 0.00	19.97 0.94 0.00	21.15 1.10 0.00	20.49 1.12 0.00	23.40 1.25 0.00	29.53 1.53 0.00	34.15 1.65 0.00	40.62 1.65 0.00	33.47 1.30 0.00	34.81 1.23 0.00	27.76 1.00 0.00	21.28 0.67 0.00
GLENWOOD____4 23550	24.53 0.93 0.00	22.65 0.73 0.00	21.66 0.67 0.00	21.79 0.60 0.00	20.95 0.56 0.00	16.65 0.51 0.00	21.45 0.56 0.00	23.07 0.67 0.00	21.35 0.77 0.00	21.26 0.85 0.00	20.75 0.98 0.00	20.03 0.91 0.00	16.91 0.85 0.00	20.07 1.04 0.00	21.27 1.22 0.00	20.62 1.25 0.00	23.56 1.40 -0.01	29.71 1.71 0.00	34.35 1.84 0.00	40.81 1.84 0.00	33.61 1.44 0.00	34.97 1.38 0.00	27.88 1.12 0.00	21.37 0.77 0.00
GLENWOOD____5 23614	24.53 0.93 0.00	22.65 0.73 0.00	21.66 0.67 0.00	21.79 0.60 0.00	20.95 0.56 0.00	16.65 0.51 0.00	21.45 0.56 0.00	23.07 0.67 0.00	21.35 0.77 0.00	21.26 0.85 0.00	20.75 0.98 0.00	20.03 0.91 0.00	16.91 0.85 0.00	20.07 1.04 0.00	21.27 1.22 0.00	20.62 1.25 0.00	23.56 1.40 -0.01	29.71 1.71 0.00	34.35 1.84 0.00	40.81 1.84 0.00	33.61 1.44 0.00	34.97 1.38 0.00	27.88 1.12 0.00	21.37 0.77 0.00
GLOBAL GREEN_PORT_GT1 23814	25.20 1.60 0.00	22.96 1.03 0.00	21.88 0.89 0.00	22.15 0.96 0.00	21.20 0.80 0.00	16.79 0.66 0.00	21.79 0.90 0.00	23.43 1.03 0.00	21.67 1.09 0.00	21.68 1.27 0.00	21.29 1.52 0.00	20.58 1.47 0.00	17.31 1.24 0.00	20.54 1.51 0.00	21.86 1.80 0.00	21.29 1.91 0.00	24.50 2.34 -0.01	30.95 2.95 0.00	35.73 3.22 0.00	42.11 3.14 0.00	34.40 2.23 0.00	35.64 2.06 0.00	28.47 1.71 0.00	21.86 1.25 0.00
GLOBE____DSASP 323697	22.55 -1.05 0.00	21.19 -0.74 0.00	20.67 -0.32 0.00	20.86 -0.33 0.00	19.91 -0.48 0.00	15.57 -0.57 0.00	20.15 -0.74 0.00	21.47 -0.92 0.00	19.76 -0.82 0.00	19.64 -0.77 0.00	19.21 -0.56 0.00	18.68 -0.44 0.00	15.64 -0.42 0.00	18.37 -0.66 0.00	19.20 -0.86 0.00	18.59 -0.79 0.00	21.06 -1.09 0.00	26.14 -1.86 0.00	30.34 -2.16 0.00	36.43 -2.54 0.00	30.06 -2.11 0.00	31.65 -1.94 0.00	25.45 -1.32 0.00	20.02 -0.59 0.00
GOETHSLN____LBMP 323567	24.28 0.69 0.00	22.42 0.50 0.00	21.45 0.46 0.00	21.56 0.37 0.00	20.78 0.39 0.00	16.54 0.40 0.00	21.31 0.42 0.00	22.92 0.52 0.00	21.23 0.65 0.00	21.15 0.73 0.00	20.61 0.84 0.00	19.88 0.75 0.00	16.80 0.73 0.00	19.92 0.88 0.00	21.08 1.02 0.00	20.41 1.04 0.00	23.31 1.16 0.00	29.41 1.40 0.00	34.03 1.53 0.00	40.47 1.50 0.00	33.37 1.20 0.00	34.66 1.08 0.00	27.66 0.90 0.00	21.20 0.59 0.00
GOLAH____69_KV_TB 1_2 80279	23.29 -0.31 0.00	21.77 -0.15 0.00	21.08 0.08 0.00	21.28 0.08 0.00	20.37 -0.02 0.00	16.02 -0.12 0.00	20.75 -0.14 0.00	22.23 -0.16 0.00	20.35 -0.22 0.00	20.16 -0.26 0.00	19.63 -0.14 0.00	19.12 0.00 0.00	16.02 -0.04 0.00	18.84 -0.19 0.00	19.73 -0.33 0.00	19.06 -0.31 0.00	21.70 -0.45 0.00	27.23 -0.77 0.00	31.84 -0.66 0.00	38.37 -0.60 0.00	31.66 -0.51 0.00	33.17 -0.41 0.00	26.52 -0.25 0.00	20.55 -0.06 0.00
GOODYEAR_LAKE_HYD 323669	24.03 0.44 0.00	22.27 0.35 0.00	21.35 0.36 0.00	21.53 0.34 0.00	20.71 0.32 0.00	16.42 0.28 0.00	21.25 0.36 0.00	22.80 0.40 0.00	20.93 0.36 0.00	20.79 0.38 0.00	20.19 0.42 0.00	19.49 0.37 0.00	16.37 0.30 0.00	19.38 0.35 0.00	20.40 0.35 0.00	19.70 0.32 0.00	22.56 0.42 0.00	28.51 0.51 0.00	33.28 0.78 0.00	39.98 1.01 0.00	32.99 0.83 0.00	34.41 0.82 0.00	27.43 0.67 0.00	21.05 0.45 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.30 -0.30 0.00	21.67 -0.25 0.00	20.84 -0.15 0.00	20.99 -0.20 0.00	20.21 -0.18 0.00	15.99 -0.14 0.00	20.74 -0.15 0.00	22.26 -0.14 0.00	20.41 -0.16 0.00	20.27 -0.15 0.00	19.70 -0.07 0.00	19.05 -0.08 0.00	16.00 -0.07 0.00	18.90 -0.13 0.00	19.88 -0.17 0.00	19.23 -0.15 0.00	21.98 -0.17 0.00	27.72 -0.28 0.00	32.35 -0.16 0.00	38.82 -0.15 0.00	31.94 -0.23 0.00	33.42 -0.16 0.00	26.63 -0.13 0.00	20.45 -0.15 0.00

GOUDEY___7 23579	23.30 -0.30 0.00	21.67 -0.25 0.00	20.84 -0.15 0.00	20.99 -0.20 0.00	20.21 -0.18 0.00	15.99 -0.14 0.00	20.74 -0.15 0.00	22.26 -0.14 0.00	20.41 -0.16 0.00	20.27 -0.15 0.00	19.70 -0.07 0.00	19.05 -0.08 0.00	16.00 -0.07 0.00	18.90 -0.13 0.00	19.88 -0.17 0.00	19.23 -0.15 0.00	21.98 -0.17 0.00	27.72 -0.28 0.00	32.35 -0.16 0.00	38.82 -0.15 0.00	31.94 -0.23 0.00	33.42 -0.16 0.00	26.63 -0.13 0.00	20.45 -0.15 0.00
GOUDEY___8 23580	23.30 -0.30 0.00	21.67 -0.25 0.00	20.84 -0.15 0.00	20.99 -0.20 0.00	20.21 -0.18 0.00	15.99 -0.14 0.00	20.74 -0.15 0.00	22.26 -0.14 0.00	20.41 -0.16 0.00	20.27 -0.15 0.00	19.70 -0.07 0.00	19.05 -0.08 0.00	16.00 -0.07 0.00	18.90 -0.13 0.00	19.88 -0.17 0.00	19.23 -0.15 0.00	21.98 -0.17 0.00	27.72 -0.28 0.00	32.35 -0.16 0.00	38.82 -0.15 0.00	31.94 -0.23 0.00	33.42 -0.16 0.00	26.63 -0.13 0.00	20.45 -0.15 0.00
GOWANUS_GT1_1 24077	24.45 0.85 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.91 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.89 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GOWANUS_GT1_2 24078	24.45 0.85 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.91 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.89 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GOWANUS_GT1_3 24079	24.45 0.85 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.91 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.89 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GOWANUS_GT1_4 24080	24.45 0.85 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.91 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.89 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GOWANUS_GT1_5 24084	24.45 0.85 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.91 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.89 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GOWANUS_GT1_6 24111	24.45 0.85 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.91 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.0																

GOWANUS_GT2_6 24119	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GOWANUS_GT2_7 24120	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GOWANUS_GT2_8 24121	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GOWANUS_GT3_1 24122	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GOWANUS_GT3_2 24123	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GOWANUS_GT3_3 24124	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GOWANUS_GT3_4 24125	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GOWANUS_GT3_5 24126	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GOWANUS_GT3_6 24127	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GOWANUS_GT3_7 24128	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GOWANUS_GT3_8 24129	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GOWANUS_GT4_1 24130	24.45 0.85 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.91 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.89 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GOWANUS_GT4_2 24131	24.45 0.85 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.91 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.89 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GOWANUS_GT4_3 24132	24.45 0.85 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.91 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.89 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GOWANUS_GT4_4 24133	24.45 0.85 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.91 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.89 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00

GOWANUS_GT4_5 24134	24.45 0.85 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.91 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.89 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GOWANUS_GT4_6 24135	24.45 0.85 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.91 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.89 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GOWANUS_GT4_7 24136	24.45 0.85 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.91 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.89 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GOWANUS_GT4_8 24137	24.45 0.85 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.91 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.89 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GREATVRV_69_KV_BK1 356245	24.89 1.29 0.00	22.89 0.97 0.00	21.88 0.88 0.00	22.00 0.81 0.00	21.11 0.72 0.00	16.76 0.62 0.00	21.56 0.67 0.00	23.17 0.78 0.00	21.46 0.89 0.00	21.37 0.96 0.00	20.91 1.15 0.00	20.18 1.06 0.00	17.00 0.94 0.00	20.23 1.20 0.00	21.52 1.47 0.00	20.91 1.53 0.00	23.90 1.75 -0.01	30.19 2.19 0.00	34.88 2.38 0.00	41.32 2.35 0.00	33.94 1.78 0.00	35.30 1.72 0.00	28.16 1.40 0.00	21.60 1.00 0.00
GREENBSH_115KV_TB3 55895	23.66 0.06 0.00	21.97 0.05 0.00	21.03 0.03 0.00	21.21 0.02 0.00	20.40 0.00 0.00	16.18 0.05 0.00	20.93 0.03 0.00	22.43 0.04 0.00	20.63 0.05 0.00	20.44 0.02 0.00	19.80 0.03 0.00	19.17 0.05 0.00	16.15 0.09 0.00	19.16 0.13 0.00	20.23 0.18 0.00	19.57 0.20 0.00	22.35 0.21 0.00	28.29 0.29 0.00	32.65 0.15 0.00	39.05 0.08 0.00	32.23 0.06 0.00	33.61 0.02 0.00	26.74 -0.02 0.00	20.61 0.01 0.00
GREENDGE_115KV_TB5 80291	23.21 -0.39 0.00	21.63 -0.30 0.00	20.69 -0.31 0.00	20.78 -0.41 0.00	20.17 -0.22 0.00	15.94 -0.20 0.00	20.71 -0.18 0.00	22.22 -0.18 0.00	20.26 -0.32 0.00	20.00 -0.41 0.00	19.43 -0.34 0.00	18.84 -0.28 0.00	15.86 -0.21 0.00	18.70 -0.34 0.00	19.63 -0.42 0.00	18.98 -0.40 0.00	21.62 -0.54 0.00	27.27 -0.73 0.00	31.90 -0.60 0.00	38.50 -0.47 0.00	31.72 -0.45 0.00	33.44 -0.15 0.00	26.65 -0.12 0.00	20.49 -0.12 0.00
GREENIDGE___3 23582	23.21 -0.39 0.00	21.63 -0.30 0.00	20.69 -0.31 0.00	20.78 -0.41 0.00	20.17 -0.22 0.00	15.94 -0.20 0.00	20.71 -0.18 0.00	22.22 -0.18 0.00	20.26 -0.32 0.00	20.00 -0.41 0.00	19.43 -0.34 0.00	18.84 -0.28 0.00	15.86 -0.21 0.00	18.70 -0.34 0.00	19.63 -0.42 0.00	18.98 -0.40 0.00	21.62 -0.54 0.00	27.27 -0.73 0.00	31.90 -0.60 0.00	38.50 -0.47 0.00	31.72 -0.45 0.00	33.44 -0.15 0.00	26.65 -0.12 0.00	20.49 -0.12 0.00
GREENIDGE___4 23583	23.21 -0.39 0.00	21.63 -0.30 0.00	20.69 -0.31 0.00	20.78 -0.41 0.00	20.17 -0.22 0.00	15.94 -0.20 0.00	20.71 -0.19 0.00	22.22 -0.18 0.00	20.26 -0.32 0.00	20.00 -0.41 0.00	19.43 -0.34 0.00	18.84 -0.28 0.00	15.86 -0.21 0.00	18.70 -0.33 0.00	19.63 -0.42 0.00	18.98 -0.40 0.00	21.61 -0.54 0.00	27.27 -0.73 0.00	31.90 -0.60 0.00	38.50 -0.48 0.00	31.72 -0.45 0.00	33.44 -0.14 0.00	26.65 -0.12 0.00	20.49 -0.12 0.00
GREENLWN_69_KV_BK 3 55738	24.49 0.89 0.00	22.57 0.64 0.00	21.58 0.58 0.00	21.70 0.51 0.00	20.85 0.46 0.00	16.55 0.41 0.00	21.30 0.41 0.00	22.89 0.49 0.00	21.20 0.63 0.00	21.12 0.70 0.00	20.67 0.90 0.00	19.95 0.83 0.00	16.82 0.76 0.00	19.98 0.95 0.00	21.23 1.18 0.00	20.58 1.20 0.00	23.48 1.33 -0.01	29.61 1.61 0.00	34.17 1.67 0.00	40.50 1.53 0.00	33.30 1.13 0.00	34.67 1.09 0.00	27.70 0.93 0.00	21.27 0.66 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.45 0.85 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.91 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.89 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
GRISSOM___SOLAR 323813	24.51 0.91 0.00	22.74 0.82 0.00	21.77 0.77 0.00	21.97 0.77 0.00	21.14 0.75 0.00	16.73 0.60 0.00	21.67 0.78 0.00	23.03 0.63 0.00	20.59 0.01 0.00	20.19 -0.22 0.00	19.53 -0.24 0.00	18.93 -0.19 0.00	16.07 0.00 0.00	19.04 0.00 0.00	20.07 0.01 0.00	19.45 0.07 0.00	22.45 0.30 0.00	28.29 0.29 0.00	33.44 0.94 0.00	40.63 1.66 0.00	33.58 1.42 0.00	35.01 1.42 0.00	27.88 1.11 0.00	21.42 0.81 0.00
GROVEVILLE___HYD 323602	24.43 0.84 0.00	22.59 0.67 0.00	21.61 0.61 0.00	21.75 0.55 0.00	20.92 0.53 0.00	16.62 0.49 0.00	21.48 0.59 0.00	23.09 0.69 0.00	21.30 0.73 0.00	21.16 0.75 0.00	20.57 0.80 0.00	19.86 0.74 0.00	16.78 0.71 0.00	19.91 0.87 0.00	21.04 0.99 0.00	20.38 1.01 0.00	23.33 1.19 0.00	29.52 1.52 0.00	34.20 1.69 0.00	40.77 1.80 0.00	33.60 1.44 0.00	34.94 1.36 0.00	27.82 1.05 0.00	21.31 0.70 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.22 -0.38 0.00	21.64 -0.28 0.00	20.77 -0.22 0.00	20.95 -0.24 0.00	20.16 -0.23 0.00	15.95 -0.18 0.00	20.65 -0.24 0.00	22.13 -0.26 0.00	20.29 -0.29 0.00	20.13 -0.28 0.00	19.54 -0.23 0.00	18.94 -0.18 0.00	15.92 -0.14 0.00	18.81 -0.22 0.00	19.76 -0.30 0.00	19.02 -0.35 0.00	21.73 -0.42 0.00	27.46 -0.54 0.00	32.04 -0.46 0.00	38.49 -0.49 0.00	31.75 -0.41 0.00	33.16 -0.42 0.00	26.45 -0.31 0.00	20.35 -0.26 0.00
HAMLTNNY_34_KV_TB 80303	23.25 -0.34 0.00	21.68 -0.24 0.00	20.84 -0.15 0.00	21.04 -0.16 0.00	20.22 -0.17 0.00	15.98 -0.15 0.00	20.69 -0.21 0.00	22.18 -0.22 0.00	20.32 -0.25 0.00	20.16 -0.25 0.00	19.60 -0.17 0.00	19.03 -0.09 0.00	15.99 -0.07 0.00	18.85 -0.18 0.00	19.78 -0.27 0.00	19.07 -0.31 0.00	21.77 -0.38 0.00	27.48 -0.53 0.00	32.07 -0.43 0.00	38.53 -0.44 0.00	31.77 -0.40 0.00	33.20 -0.39 0.00	26.50 -0.27 0.00	20.38 -0.22 0.00

HAMPSHIRE___PAPER_HYD 323593	24.40 0.81 0.00	22.53 0.61 0.00	21.53 0.53 0.00	21.83 0.64 0.00	21.13 0.75 0.00	16.70 0.56 0.00	21.60 0.71 0.00	23.08 0.68 0.00	21.04 0.46 0.00	20.68 0.26 0.00	19.82 0.06 0.00	19.11 -0.02 0.00	15.91 -0.16 0.00	18.91 -0.13 0.00	19.94 -0.11 0.00	19.29 -0.09 0.00	22.31 0.16 0.00	28.40 0.39 0.00	33.13 0.62 0.00	39.93 0.96 0.00	33.02 0.85 0.00	34.53 0.95 0.00	27.57 0.81 0.00	21.36 0.75 0.00
HARDSCRABBLE_WT_PWR 323673	23.78 0.18 0.00	22.04 0.12 0.00	21.14 0.14 0.00	21.30 0.11 0.00	20.45 0.06 0.00	16.24 0.10 0.00	21.05 0.16 0.00	22.50 0.10 0.00	20.42 -0.16 0.00	20.13 -0.29 0.00	19.42 -0.35 0.00	18.73 -0.39 0.00	15.82 -0.24 0.00	18.81 -0.22 0.00	19.82 -0.24 0.00	19.18 -0.20 0.00	22.04 -0.10 0.00	28.10 0.10 0.00	32.93 0.42 0.00	39.59 0.62 0.00	32.71 0.54 0.00	34.08 0.49 0.00	27.11 0.34 0.00	20.78 0.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.30 0.70 0.00	22.45 0.53 0.00	21.47 0.47 0.00	21.61 0.41 0.00	20.80 0.41 0.00	16.53 0.40 0.00	21.35 0.46 0.00	22.94 0.54 0.00	21.16 0.58 0.00	21.03 0.62 0.00	20.43 0.67 0.00	19.75 0.63 0.00	16.69 0.63 0.00	19.81 0.78 0.00	20.94 0.89 0.00	20.27 0.89 0.00	23.19 1.04 0.00	29.32 1.31 0.00	33.99 1.48 0.00	40.52 1.55 0.00	33.37 1.20 0.00	34.70 1.12 0.00	27.66 0.90 0.00	21.20 0.58 0.00
HARSNRAD_115KV_TB1 81005	22.81 -0.79 0.00	21.36 -0.57 0.00	20.83 -0.16 0.00	21.02 -0.18 0.00	20.07 -0.32 0.00	15.70 -0.44 0.00	20.34 -0.55 0.00	21.76 -0.64 0.00	20.02 -0.56 0.00	19.87 -0.55 0.00	19.43 -0.34 0.00	18.90 -0.22 0.00	15.82 -0.24 0.00	18.58 -0.45 0.00	19.40 -0.65 0.00	18.79 -0.59 0.00	21.36 -0.79 0.00	26.49 -1.52 0.00	30.84 -1.66 0.00	37.10 -1.88 0.00	30.61 -1.56 0.00	32.21 -1.37 0.00	25.89 -0.87 0.00	20.21 -0.39 0.00
HARZA MOOSE___RIVER 24016	24.15 0.56 0.00	22.31 0.39 0.00	21.35 0.35 0.00	21.64 0.44 0.00	20.94 0.55 0.00	16.59 0.46 0.00	21.47 0.58 0.00	22.92 0.52 0.00	20.87 0.29 0.00	20.54 0.13 0.00	19.70 -0.07 0.00	18.95 -0.17 0.00	15.80 -0.26 0.00	18.79 -0.24 0.00	19.80 -0.25 0.00	19.12 -0.26 0.00	22.10 -0.05 0.00	28.16 0.16 0.00	32.88 0.38 0.00	39.65 0.69 0.00	32.80 0.63 0.00	34.27 0.69 0.00	27.38 0.62 0.00	21.17 0.57 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	23.08 -0.52 0.00	21.51 -0.41 0.00	20.66 -0.34 0.00	20.84 -0.36 0.00	20.04 -0.35 0.00	15.86 -0.28 0.00	20.53 -0.36 0.00	22.00 -0.39 0.00	20.18 -0.40 0.00	20.03 -0.38 0.00	19.45 -0.32 0.00	18.84 -0.27 0.00	15.84 -0.23 0.00	18.73 -0.30 0.00	19.67 -0.38 0.00	18.95 -0.43 0.00	21.61 -0.54 0.00	27.29 -0.71 0.00	31.80 -0.71 0.00	38.17 -0.80 0.00	31.50 -0.67 0.00	32.90 -0.68 0.00	26.26 -0.50 0.00	20.22 -0.39 0.00
HELLGATE_13_KV_LD 55870	24.53 0.93 0.00	22.65 0.73 0.00	21.64 0.64 0.00	21.75 0.56 0.00	20.96 0.57 0.00	16.69 0.55 0.00	21.48 0.59 0.00	23.12 0.73 0.00	21.44 0.86 0.00	21.35 0.94 0.00	20.81 1.04 0.00	20.10 0.98 0.00	16.98 0.91 0.00	20.12 1.09 0.00	21.27 1.22 0.00	20.59 1.22 0.00	23.49 1.34 0.00	29.67 1.67 0.00	34.35 1.85 0.00	40.80 1.83 0.00	33.68 1.51 0.00	34.98 1.40 0.00	27.90 1.13 0.00	21.40 0.80 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	24.53 0.93 0.00	22.65 0.73 0.00	21.64 0.64 0.00	21.75 0.56 0.00	20.96 0.57 0.00	16.69 0.55 0.00	21.48 0.59 0.00	23.12 0.73 0.00	21.44 0.86 0.00	21.35 0.94 0.00	20.81 1.04 0.00	20.10 0.98 0.00	16.98 0.91 0.00	20.12 1.09 0.00	21.27 1.22 0.00	20.59 1.22 0.00	23.49 1.34 0.00	29.67 1.67 0.00	34.35 1.85 0.00	40.80 1.83 0.00	33.68 1.51 0.00	34.98 1.40 0.00	27.90 1.13 0.00	21.40 0.80 0.00
HEMPSTEAD____ 23647	24.47 0.88 0.00	22.58 0.65 0.00	21.59 0.59 0.00	21.71 0.52 0.00	20.86 0.47 0.00	16.57 0.44 0.00	21.34 0.45 0.00	22.94 0.55 0.00	21.24 0.67 0.00	21.15 0.74 0.00	20.67 0.90 0.00	19.95 0.83 0.00	16.83 0.77 0.00	19.99 0.96 0.00	21.21 1.16 0.00	20.56 1.18 0.00	23.48 1.32 -0.01	29.61 1.61 0.00	34.20 1.70 0.00	40.62 1.64 0.00	33.43 1.26 0.00	34.78 1.20 0.00	27.76 0.99 0.00	21.28 0.68 0.00
HICKLING___1 23621	23.00 -0.59 0.00	21.44 -0.48 0.00	20.69 -0.30 0.00	20.80 -0.39 0.00	20.05 -0.34 0.00	15.85 -0.29 0.00	20.61 -0.29 0.00	22.13 -0.27 0.00	20.20 -0.38 0.00	20.03 -0.38 0.00	19.51 -0.25 0.00	18.89 -0.23 0.00	15.85 -0.22 0.00	18.68 -0.35 0.00	19.63 -0.43 0.00	19.00 -0.38 0.00	21.70 -0.44 0.00	27.35 -0.66 0.00	32.09 -0.41 0.00	38.64 -0.33 0.00	31.70 -0.47 0.00	33.29 -0.30 0.00	26.52 -0.24 0.00	20.33 -0.27 0.00
HICKLING___2 23622	23.00 -0.59 0.00	21.44 -0.48 0.00	20.69 -0.30 0.00	20.80 -0.39 0.00	20.05 -0.34 0.00	15.85 -0.29 0.00	20.61 -0.29 0.00	22.13 -0.27 0.00	20.20 -0.38 0.00	20.03 -0.38 0.00	19.51 -0.25 0.00	18.89 -0.23 0.00	15.85 -0.22 0.00	18.68 -0.35 0.00	19.63 -0.43 0.00	19.00 -0.38 0.00	21.70 -0.44 0.00	27.35 -0.66 0.00	32.09 -0.41 0.00	38.64 -0.33 0.00	31.70 -0.47 0.00	33.29 -0.30 0.00	26.52 -0.24 0.00	20.33 -0.27 0.00
HIGH FALLS___HY 23754	24.36 0.76 0.00	22.51 0.59 0.00	21.52 0.53 0.00	21.65 0.45 0.00	20.83 0.44 0.00	16.56 0.42 0.00	21.40 0.51 0.00	23.02 0.62 0.00	21.24 0.66 0.00	21.06 0.65 0.00	20.42 0.65 0.00	19.70 0.58 0.00	16.63 0.57 0.00	19.68 0.64 0.00	20.73 0.67 0.00	20.07 0.69 0.00	23.07 0.92 0.00	29.19 1.19 0.00	33.94 1.43 0.00	40.54 1.57 0.00	33.43 1.26 0.00	34.92 1.33 0.00	27.83 1.07 0.00	21.29 0.69 0.00
HIGH_RIVER___SOLAR 323847	24.22 0.63 0.00	22.48 0.56 0.00	21.52 0.53 0.00	21.72 0.53 0.00	20.89 0.50 0.00	16.55 0.42 0.00	21.43 0.54 0.00	22.87 0.47 0.00	20.73 0.16 0.00	20.36 -0.05 0.00	19.66 -0.11 0.00	19.02 -0.11 0.00	16.04 -0.02 0.00	19.13 0.09 0.00	20.10 0.05 0.00	19.49 0.11 0.00	22.40 0.25 0.00	28.42 0.42 0.00	33.28 0.78 0.00	40.11 1.15 0.00	33.15 0.98 0.00	34.56 0.97 0.00	27.51 0.75 0.00	21.15 0.54 0.00
HILLBURN___GT 23639	24.26 0.66 0.00	22.42 0.50 0.00	21.44 0.44 0.00	21.56 0.37 0.00	20.76 0.37 0.00	16.51 0.38 0.00	21.32 0.43 0.00	22.91 0.51 0.00	21.16 0.58 0.00	21.05 0.64 0.00	20.47 0.70 0.00	19.77 0.65 0.00	16.71 0.64 0.00	19.84 0.80 0.00	20.97 0.92 0.00	20.30 0.92 0.00	23.20 1.05 0.00	29.30 1.30 0.00	33.94 1.44 0.00	40.46 1.49 0.00	33.30 1.14 0.00	34.63 1.05 0.00	27.62 0.86 0.00	21.16 0.55 0.00
HILLSIDE_115KV_TB1 80332	22.74 -0.86 0.00	21.19 -0.73 0.00	20.43 -0.56 0.00	20.54 -0.65 0.00	19.81 -0.58 0.00	15.67 -0.46 0.00	20.36 -0.53 0.00	21.89 -0.51 0.00	20.02 -0.55 0.00	19.89 -0.53 0.00	19.39 -0.38 0.00	18.73 -0.39 0.00	15.71 -0.35 0.00	18.53 -0.50 0.00	19.48 -0.57 0.00	18.87 -0.51 0.00	21.57 -0.58 0.00	27.15 -0.85 0.00	31.79 -0.72 0.00	38.18 -0.79 0.00	31.29 -0.88 0.00	32.87 -0.71 0.00	26.18 -0.58 0.00	20.06 -0.55 0.00

HISHELDN_WT_PWR 323625	22.80 -0.80 0.00	21.31 -0.62 0.00	20.74 -0.25 0.00	20.90 -0.30 0.00	20.01 -0.38 0.00	15.71 -0.42 0.00	20.40 -0.49 0.00	21.83 -0.57 0.00	19.97 -0.61 0.00	19.81 -0.61 0.00	19.34 -0.42 0.00	18.81 -0.31 0.00	15.76 -0.30 0.00	18.50 -0.54 0.00	19.35 -0.70 0.00	18.74 -0.64 0.00	21.29 -0.86 0.00	26.56 -1.44 0.00	31.15 -1.36 0.00	37.60 -1.37 0.00	30.98 -1.19 0.00	32.57 -1.02 0.00	26.09 -0.67 0.00	20.24 -0.37 0.00
HOLTSVILLE_IC_1 23690	24.52 0.93 0.00	22.58 0.65 0.00	21.58 0.59 0.00	21.71 0.52 0.00	20.84 0.45 0.00	16.54 0.41 0.00	21.28 0.39 0.00	22.87 0.47 0.00	21.19 0.61 0.00	21.10 0.69 0.00	20.64 0.87 0.00	19.92 0.79 0.00	16.78 0.71 0.00	19.95 0.92 0.00	21.22 1.17 0.00	20.60 1.22 0.00	23.53 1.38 -0.01	29.70 1.70 0.00	34.31 1.80 0.00	40.64 1.66 0.00	33.37 1.21 0.00	34.72 1.14 0.00	27.73 0.97 0.00	21.30 0.70 0.00
HOLTSVILLE_IC_10 23699	24.62 1.03 0.00	22.65 0.73 0.00	21.65 0.66 0.00	21.78 0.59 0.00	20.90 0.52 0.00	16.59 0.46 0.00	21.35 0.46 0.00	22.94 0.54 0.00	21.25 0.67 0.00	21.16 0.75 0.00	20.70 0.93 0.00	19.98 0.86 0.00	16.83 0.76 0.00	20.02 0.99 0.00	21.31 1.26 0.00	20.70 1.32 0.00	23.66 1.51 -0.01	29.87 1.87 0.00	34.52 2.02 0.00	40.88 1.91 0.00	33.57 1.40 0.00	34.90 1.31 0.00	27.86 1.09 0.00	21.39 0.78 0.00
HOLTSVILLE_IC_2 23691	24.52 0.93 0.00	22.58 0.65 0.00	21.58 0.59 0.00	21.71 0.52 0.00	20.84 0.45 0.00	16.54 0.41 0.00	21.28 0.39 0.00	22.87 0.47 0.00	21.19 0.61 0.00	21.10 0.69 0.00	20.64 0.87 0.00	19.92 0.79 0.00	16.78 0.71 0.00	19.95 0.92 0.00	21.22 1.17 0.00	20.60 1.22 0.00	23.53 1.38 -0.01	29.70 1.70 0.00	34.31 1.80 0.00	40.64 1.66 0.00	33.37 1.21 0.00	34.72 1.14 0.00	27.73 0.97 0.00	21.30 0.70 0.00
HOLTSVILLE_IC_3 23692	24.52 0.93 0.00	22.58 0.65 0.00	21.58 0.59 0.00	21.71 0.52 0.00	20.84 0.45 0.00	16.54 0.41 0.00	21.28 0.39 0.00	22.87 0.47 0.00	21.19 0.61 0.00	21.10 0.69 0.00	20.64 0.87 0.00	19.92 0.79 0.00	16.78 0.71 0.00	19.95 0.92 0.00	21.22 1.17 0.00	20.60 1.22 0.00	23.53 1.38 -0.01	29.70 1.70 0.00	34.31 1.80 0.00	40.64 1.66 0.00	33.37 1.21 0.00	34.72 1.14 0.00	27.73 0.97 0.00	21.30 0.70 0.00
HOLTSVILLE_IC_4 23693	24.52 0.93 0.00	22.58 0.65 0.00	21.58 0.59 0.00	21.71 0.52 0.00	20.84 0.45 0.00	16.54 0.41 0.00	21.28 0.39 0.00	22.87 0.47 0.00	21.19 0.61 0.00	21.10 0.69 0.00	20.64 0.87 0.00	19.92 0.79 0.00	16.78 0.71 0.00	19.95 0.92 0.00	21.22 1.17 0.00	20.60 1.22 0.00	23.53 1.38 -0.01	29.70 1.70 0.00	34.31 1.80 0.00	40.64 1.66 0.00	33.37 1.21 0.00	34.72 1.14 0.00	27.73 0.97 0.00	21.30 0.70 0.00
HOLTSVILLE_IC_5 23694	24.52 0.93 0.00	22.58 0.65 0.00	21.58 0.59 0.00	21.71 0.52 0.00	20.84 0.45 0.00	16.54 0.41 0.00	21.28 0.39 0.00	22.87 0.47 0.00	21.19 0.61 0.00	21.10 0.69 0.00	20.64 0.87 0.00	19.92 0.79 0.00	16.78 0.71 0.00	19.95 0.92 0.00	21.22 1.17 0.00	20.60 1.22 0.00	23.53 1.38 -0.01	29.70 1.70 0.00	34.31 1.80 0.00	40.64 1.66 0.00	33.37 1.21 0.00	34.72 1.14 0.00	27.73 0.97 0.00	21.30 0.70 0.00
HOLTSVILLE_IC_6 23695	24.62 1.03 0.00	22.65 0.73 0.00	21.65 0.66 0.00	21.78 0.59 0.00	20.90 0.52 0.00	16.59 0.46 0.00	21.35 0.46 0.00	22.94 0.54 0.00	21.25 0.67 0.00	21.16 0.75 0.00	20.70 0.93 0.00	19.98 0.86 0.00	16.83 0.76 0.00	20.02 0.99 0.00	21.31 1.26 0.00	20.70 1.32 0.00	23.66 1.51 -0.01	29.87 1.87 0.00	34.52 2.02 0.00	40.88 1.91 0.00	33.57 1.40 0.00	34.90 1.31 0.00	27.86 1.09 0.00	21.39 0.78 0.00
HOLTSVILLE_IC_7 23696	24.62 1.03 0.00	22.65 0.73 0.00	21.65 0.66 0.00	21.78 0.59 0.00	20.90 0.52 0.00	16.59 0.46 0.00	21.35 0.46 0.00	22.94 0.54 0.00	21.25 0.67 0.00	21.16 0.75 0.00	20.70 0.93 0.00	19.98 0.86 0.00	16.83 0.76 0.00	20.02 0.99 0.00	21.31 1.26 0.00	20.70 1.32 0.00	23.66 1.51 -0.01	29.87 1.87 0.00	34.52 2.02 0.00	40.88 1.91 0.00	33.57 1.40 0.00	34.90 1.31 0.00	27.86 1.09 0.00	21.39 0.78 0.00
HOLTSVILLE_IC_8 23697	24.62 1.03 0.00	22.65 0.73 0.00	21.65 0.66 0.00	21.78 0.59 0.00	20.90 0.52 0.00	16.59 0.46 0.00	21.35 0.46 0.00	22.94 0.54 0.00	21.25 0.67 0.00	21.16 0.75 0.00	20.70 0.93 0.00	19.98 0.86 0.00	16.83 0.76 0.00	20.02 0.99 0.00	21.31 1.26 0.00	20.70 1.32 0.00	23.66 1.51 -0.01	29.87 1.87 0.00	34.52 2.02 0.00	40.88 1.91 0.00	33.57 1.40 0.00	34.90 1.31 0.00	27.86 1.09 0.00	21.39 0.78 0.00
HOLTSVILLE_IC_9 23698	24.62 1.03 0.00	22.65 0.73 0.00	21.65 0.66 0.00	21.78 0.59 0.00	20.90 0.52 0.00	16.59 0.46 0.00	21.35 0.46 0.00	22.94 0.54 0.00	21.25 0.67 0.00	21.16 0.75 0.00	20.70 0.93 0.00	19.98 0.86 0.00	16.83 0.76 0.00	20.02 0.99 0.00	21.31 1.26 0.00	20.70 1.32 0.00	23.66 1.51 -0.01	29.87 1.87 0.00	34.52 2.02 0.00	40.88 1.91 0.00	33.57 1.40 0.00	34.90 1.31 0.00	27.86 1.09 0.00	21.39 0.78 0.00
HOMER_HL_115KV_TB2 355744	22.74 -0.85 0.00	21.29 -0.64 0.00	20.70 -0.30 0.00	20.85 -0.34 0.00	20.02 -0.37 0.00	15.79 -0.34 0.00	20.54 -0.35 0.00	22.09 -0.30 0.00	20.26 -0.32 0.00	20.16 -0.26 0.00	19.67 -0.10 0.00	18.96 -0.16 0.00	15.86 -0.21 0.00	18.57 -0.46 0.00	19.47 -0.59 0.00	18.88 -0.49 0.00	21.56 -0.59 0.00	26.91 -1.09 0.00	31.42 -1.09 0.00	37.79 -1.18 0.00	31.04 -1.13 0.00	32.63 -0.96 0.00	26.10 -0.67 0.00	20.08 -0.53 0.00
HOWARD_WT_PWR 323690	22.77 -0.83 0.00	21.16 -0.76 0.00	20.54 -0.45 0.00	20.68 -0.52 0.00	19.90 -0.49 0.00	15.66 -0.47 0.00	20.49 -0.40 0.00	22.00 -0.40 0.00	20.00 -0.57 0.00	19.81 -0.60 0.00	19.30 -0.47 0.00	18.67 -0.45 0.00	15.65 -0.41 0.00	18.40 -0.63 0.00	19.32 -0.74 0.00	18.71 -0.66 0.00	21.38 -0.78 0.00	26.87 -1.13 0.00	31.79 -0.71 0.00	38.54 -0.43 0.00	31.75 -0.42 0.00	33.40 -0.19 0.00	26.65 -0.12 0.00	20.47 -0.14 0.00
HQ_GEN_CEDARS 23644	24.44 0.84 0.00	22.64 0.72 0.00	21.64 0.64 0.00	21.88 0.69 0.00	21.08 0.69 0.00	16.60 0.47 0.00	21.51 0.62 0.00	23.05 0.65 0.00	21.15 0.58 0.00	20.97 0.56 0.00	20.25 0.47 0.00	19.59 0.47 0.00	16.37 0.31 0.00	19.38 0.34 0.00	20.47 0.41 0.00	19.81 0.43 0.00	22.70 0.55 0.00	28.70 0.69 0.00	33.33 0.82 0.00	40.06 1.09 0.00	33.07 0.90 0.00	34.57 0.98 0.00	27.53 0.76 0.00	21.27 0.67 0.00
HQ_GEN_CEDARS_PROXY 323590	24.44 0.84 0.00	22.64 0.72 0.00	21.64 0.64 0.00	21.88 0.69 0.00	21.08 0.69 0.00	16.60 0.47 0.00	20.70 0.62 0.81	23.05 0.65 0.00	21.15 0.58 0.00	20.97 0.56 0.00	20.25 0.47 0.00	19.59 0.46 0.00	16.37 0.31 0.00	19.38 0.35 0.00	20.47 0.41 0.00	19.81 0.43 0.00	22.70 0.55 0.00	28.70 0.69 0.00	33.33 0.82 0.00	40.06 1.08 0.00	33.07 0.90 0.00	34.57 0.98 0.00	27.53 0.76 0.00	21.27 0.67 0.00

HQ_GEN_IMPORT 323601	23.90 0.30 0.00	22.17 0.25 0.00	21.21 0.21 0.00	21.43 0.24 0.00	20.63 0.24 0.00	16.29 0.15 0.00	21.10 0.21 0.00	22.67 0.22 -0.05	20.78 0.20 0.00	20.62 0.20 0.00	19.92 0.15 0.00	19.27 0.15 0.00	16.16 0.09 0.00	19.15 0.12 0.00	20.19 0.13 0.00	19.52 0.14 0.00	22.33 0.19 0.00	28.24 0.24 0.00	32.77 0.27 0.00	39.33 0.36 0.00	32.47 0.30 0.00	33.92 0.34 0.00	27.03 0.27 0.00	20.84 0.23 0.00
HQ_GEN_WHEEL 23651	23.90 0.30 0.00	22.17 0.25 0.00	21.21 0.21 0.00	21.43 0.24 0.00	20.63 0.24 0.00	16.29 0.15 0.00	21.10 0.21 0.00	22.67 0.22 -0.05	20.78 0.20 0.00	20.62 0.20 0.00	19.92 0.15 0.00	19.27 0.15 0.00	16.16 0.09 0.00	19.15 0.12 0.00	20.19 0.13 0.00	19.52 0.14 0.00	22.33 0.19 0.00	28.24 0.24 0.00	32.77 0.27 0.00	39.33 0.36 0.00	32.47 0.30 0.00	33.92 0.34 0.00	27.03 0.27 0.00	20.84 0.23 0.00
HUDSON AVE_GT_3 23810	24.42 0.83 0.00	22.55 0.63 0.00	21.56 0.57 0.00	21.68 0.49 0.00	20.89 0.50 0.00	16.62 0.48 0.00	21.42 0.54 0.00	23.04 0.65 0.00	21.34 0.76 0.00	21.26 0.85 0.00	20.72 0.95 0.00	19.99 0.87 0.00	16.89 0.83 0.00	20.03 0.99 0.00	21.19 1.14 0.00	20.53 1.15 0.00	23.44 1.29 0.00	29.57 1.57 0.00	34.21 1.71 0.00	40.68 1.71 0.00	33.55 1.38 0.00	34.87 1.28 0.00	27.80 1.03 0.00	21.30 0.70 0.00
HUDSON AVE_GT_4 23540	24.42 0.83 0.00	22.55 0.63 0.00	21.56 0.57 0.00	21.68 0.49 0.00	20.89 0.50 0.00	16.62 0.48 0.00	21.42 0.54 0.00	23.04 0.65 0.00	21.34 0.76 0.00	21.26 0.85 0.00	20.72 0.95 0.00	19.99 0.87 0.00	16.89 0.83 0.00	20.03 0.99 0.00	21.19 1.14 0.00	20.53 1.15 0.00	23.44 1.29 0.00	29.57 1.57 0.00	34.21 1.71 0.00	40.68 1.71 0.00	33.55 1.38 0.00	34.87 1.28 0.00	27.80 1.03 0.00	21.30 0.70 0.00
HUDSON AVE_GT_5 23657	24.42 0.83 0.00	22.55 0.63 0.00	21.56 0.57 0.00	21.68 0.49 0.00	20.89 0.50 0.00	16.62 0.48 0.00	21.42 0.54 0.00	23.04 0.65 0.00	21.34 0.76 0.00	21.26 0.85 0.00	20.72 0.95 0.00	19.99 0.87 0.00	16.89 0.83 0.00	20.03 0.99 0.00	21.19 1.14 0.00	20.53 1.15 0.00	23.44 1.29 0.00	29.57 1.57 0.00	34.21 1.71 0.00	40.68 1.71 0.00	33.55 1.38 0.00	34.87 1.28 0.00	27.80 1.03 0.00	21.30 0.70 0.00
HUDSON_AVE_10 24168	24.33 0.74 0.00	22.47 0.55 0.00	21.48 0.49 0.00	21.59 0.40 0.00	20.79 0.40 0.00	16.55 0.41 0.00	21.33 0.44 0.00	22.94 0.54 0.00	21.25 0.67 0.00	21.18 0.76 0.00	20.63 0.86 0.00	19.90 0.78 0.00	16.82 0.75 0.00	19.95 0.91 0.00	21.09 1.04 0.00	20.43 1.06 0.00	23.32 1.18 0.00	29.43 1.43 0.00	34.05 1.55 0.00	40.52 1.55 0.00	33.41 1.25 0.00	34.73 1.15 0.00	27.70 0.94 0.00	21.24 0.63 0.00
HUDSON___115KV_TB 4 355613	24.06 0.46 0.00	22.33 0.41 0.00	21.37 0.37 0.00	21.55 0.36 0.00	20.72 0.33 0.00	16.44 0.30 0.00	21.27 0.38 0.00	22.80 0.40 0.00	20.84 0.27 0.00	20.57 0.16 0.00	19.92 0.15 0.00	19.28 0.16 0.00	16.27 0.20 0.00	19.28 0.24 0.00	20.36 0.30 0.00	19.71 0.33 0.00	22.53 0.38 0.00	28.60 0.60 0.00	33.23 0.72 0.00	39.89 0.92 0.00	32.93 0.76 0.00	34.31 0.73 0.00	27.26 0.49 0.00	20.98 0.37 0.00
HUNTER MOUNT___DRP 323613	24.13 0.54 0.00	22.40 0.47 0.00	21.43 0.44 0.00	21.62 0.42 0.00	20.79 0.40 0.00	16.49 0.35 0.00	21.35 0.46 0.00	22.89 0.49 0.00	20.92 0.34 0.00	20.61 0.20 0.00	19.94 0.17 0.00	19.30 0.19 0.00	16.30 0.24 0.00	19.30 0.27 0.00	20.38 0.33 0.00	19.75 0.37 0.00	22.57 0.43 0.00	28.66 0.66 0.00	33.34 0.84 0.00	40.05 1.08 0.00	33.07 0.91 0.00	34.46 0.88 0.00	27.36 0.60 0.00	21.05 0.44 0.00
HUNTINGTON_RES_REC 323705	24.54 0.95 0.00	22.60 0.67 0.00	21.60 0.61 0.00	21.73 0.54 0.00	20.86 0.47 0.00	16.56 0.42 0.00	21.31 0.41 0.00	22.90 0.50 0.00	21.21 0.64 0.00	21.13 0.72 0.00	20.68 0.91 0.00	19.96 0.84 0.00	16.82 0.76 0.00	20.00 0.97 0.00	21.27 1.22 0.00	20.65 1.27 0.00	23.58 1.43 -0.01	29.77 1.77 0.00	34.37 1.87 0.00	40.70 1.73 0.00	33.43 1.26 0.00	34.77 1.19 0.00	27.77 1.00 0.00	21.32 0.72 0.00
HUNTLEY___63 23557	22.95 -0.65 0.00	21.51 -0.42 0.00	20.97 -0.03 0.00	21.15 -0.05 0.00	20.20 -0.19 0.00	15.81 -0.33 0.00	20.49 -0.41 0.00	21.89 -0.50 0.00	20.14 -0.44 0.00	20.00 -0.42 0.00	19.57 -0.20 0.00	19.03 -0.09 0.00	15.93 -0.13 0.00	18.71 -0.33 0.00	19.55 -0.50 0.00	18.94 -0.44 0.00	21.51 -0.65 0.00	26.72 -1.28 0.00	31.10 -1.41 0.00	37.39 -1.58 0.00	30.82 -1.34 0.00	32.43 -1.15 0.00	26.04 -0.72 0.00	20.35 -0.25 0.00
HUNTLEY___64 23558	22.95 -0.65 0.00	21.51 -0.42 0.00	20.97 -0.03 0.00	21.15 -0.05 0.00	20.20 -0.19 0.00	15.81 -0.33 0.00	20.49 -0.41 0.00	21.89 -0.50 0.00	20.14 -0.44 0.00	20.00 -0.42 0.00	19.57 -0.20 0.00	19.03 -0.09 0.00	15.93 -0.13 0.00	18.71 -0.33 0.00	19.55 -0.50 0.00	18.94 -0.44 0.00	21.51 -0.65 0.00	26.72 -1.28 0.00	31.10 -1.41 0.00	37.39 -1.58 0.00	30.82 -1.34 0.00	32.43 -1.15 0.00	26.04 -0.72 0.00	20.35 -0.25 0.00
HUNTLEY___65 23559	22.95 -0.65 0.00	21.51 -0.42 0.00	20.97 -0.03 0.00	21.15 -0.05 0.00	20.20 -0.19 0.00	15.81 -0.33 0.00	20.49 -0.41 0.00	21.89 -0.50 0.00	20.14 -0.44 0.00	20.00 -0.42 0.00	19.57 -0.20 0.00	19.03 -0.09 0.00	15.93 -0.13 0.00	18.71 -0.33 0.00	19.55 -0.50 0.00	18.94 -0.44 0.00	21.51 -0.65 0.00	26.72 -1.28 0.00	31.10 -1.41 0.00	37.39 -1.58 0.00	30.82 -1.34 0.00	32.43 -1.15 0.00	26.04 -0.72 0.00	20.35 -0.25 0.00
HUNTLEY___66 23560	22.95 -0.65 0.00	21.51 -0.42 0.00	20.97 -0.03 0.00	21.15 -0.05 0.00	20.20 -0.19 0.00	15.81 -0.33 0.00	20.49 -0.41 0.00	21.89 -0.50 0.00	20.14 -0.44 0.00	20.00 -0.42 0.00	19.57 -0.20 0.00	19.03 -0.09 0.00	15.93 -0.13 0.00	18.71 -0.33 0.00	19.55 -0.50 0.00	18.94 -0.44 0.00	21.51 -0.65 0.00	26.72 -1.28 0.00	31.10 -1.41 0.00	37.39 -1.58 0.00	30.82 -1.34 0.00	32.43 -1.15 0.00	26.04 -0.72 0.00	20.35 -0.25 0.00
HUNTLEY___67 23561	22.79 -0.81 0.00	21.34 -0.58 0.00	20.81 -0.18 0.00	20.98 -0.21 0.00	20.04 -0.35 0.00	15.69 -0.44 0.00	20.34 -0.55 0.00	21.78 -0.62 0.00	20.04 -0.54 0.00	19.92 -0.49 0.00	19.48 -0.29 0.00	18.93 -0.20 0.00	15.85 -0.21 0.00	18.61 -0.42 0.00	19.46 -0.59 0.00	18.85 -0.52 0.00	21.38 -0.77 0.00	26.59 -1.41 0.00	30.94 -1.56 0.00	37.18 -1.79 0.00	30.64 -1.53 0.00	32.25 -1.34 0.00	25.89 -0.88 0.00	20.19 -0.41 0.00
HUNTLEY___68 23562	22.79 -0.81 0.00	21.34 -0.58 0.00	20.81 -0.18 0.00	20.98 -0.21 0.00	20.04 -0.35 0.00	15.69 -0.44 0.00	20.34 -0.55 0.00	21.78 -0.62 0.00	20.04 -0.54 0.00	19.92 -0.49 0.00	19.48 -0.29 0.00	18.93 -0.20 0.00	15.85 -0.21 0.00	18.61 -0.42 0.00	19.46 -0.59 0.00	18.85 -0.52 0.00	21.38 -0.77 0.00	26.59 -1.41 0.00	30.94 -1.56 0.00	37.18 -1.79 0.00	30.64 -1.53 0.00	32.25 -1.34 0.00	25.89 -0.88 0.00	20.19 -0.41 0.00



HYLAND___LFGE 323620	24.03 0.43 0.00	22.40 0.47 0.00	21.69 0.70 0.00	21.83 0.64 0.00	20.92 0.53 0.00	16.48 0.34 0.00	21.44 0.55 0.00	22.95 0.56 0.00	20.69 0.11 0.00	20.23 -0.18 0.00	19.69 -0.08 0.00	19.24 0.12 0.00	16.11 0.05 0.00	18.95 -0.08 0.00	19.85 -0.21 0.00	19.18 -0.20 0.00	21.79 -0.36 0.00	27.41 -0.59 0.00	32.42 -0.09 0.00	39.77 0.79 0.00	33.11 0.95 0.00	34.73 1.14 0.00	27.70 0.94 0.00	21.34 0.73 0.00
INDECK___CORINTH 23802	24.86 1.27 0.00	23.07 1.15 0.00	22.07 1.08 0.00	22.27 1.08 0.00	21.40 1.01 0.00	16.97 0.84 0.00	22.01 1.12 0.00	23.60 1.20 0.00	21.56 0.98 0.00	21.26 0.84 0.00	20.39 0.62 0.00	19.80 0.68 0.00	16.68 0.62 0.00	19.82 0.78 0.00	20.91 0.85 0.00	20.28 0.91 0.00	23.30 1.15 0.00	29.83 1.83 0.00	34.53 2.02 0.00	41.48 2.51 0.00	34.20 2.03 0.00	35.62 2.04 0.00	28.26 1.50 0.00	21.66 1.05 0.00
INDECK___ILION 23567	23.70 0.10 0.00	21.99 0.06 0.00	21.07 0.08 0.00	21.25 0.06 0.00	20.43 0.04 0.00	16.20 0.06 0.00	20.98 0.09 0.00	22.46 0.06 0.00	20.50 -0.08 0.00	20.27 -0.15 0.00	19.60 -0.17 0.00	18.94 -0.18 0.00	15.96 -0.10 0.00	18.95 -0.08 0.00	19.96 -0.09 0.00	19.31 -0.06 0.00	22.13 -0.02 0.00	28.11 0.10 0.00	32.76 0.25 0.00	39.34 0.37 0.00	32.49 0.32 0.00	33.87 0.28 0.00	26.96 0.19 0.00	20.71 0.10 0.00
INDECK___OLEAN 23982	22.74 -0.86 0.00	21.29 -0.64 0.00	20.70 -0.30 0.00	20.85 -0.34 0.00	20.02 -0.37 0.00	15.79 -0.34 0.00	20.54 -0.35 0.00	22.09 -0.30 0.00	20.26 -0.32 0.00	20.16 -0.26 0.00	19.67 -0.10 0.00	18.96 -0.16 0.00	15.86 -0.21 0.00	18.57 -0.46 0.00	19.47 -0.59 0.00	18.89 -0.49 0.00	21.56 -0.59 0.00	26.91 -1.09 0.00	31.42 -1.09 0.00	37.79 -1.18 0.00	31.04 -1.13 0.00	32.63 -0.96 0.00	26.10 -0.67 0.00	20.08 -0.53 0.00
INDECK___OSWEGO 23783	22.89 -0.70 0.00	21.34 -0.59 0.00	20.47 -0.52 0.00	20.67 -0.53 0.00	19.90 -0.50 0.00	15.75 -0.39 0.00	20.37 -0.52 0.00	21.84 -0.56 0.00	20.02 -0.55 0.00	19.85 -0.56 0.00	19.24 -0.53 0.00	18.62 -0.50 0.00	15.64 -0.43 0.00	18.51 -0.52 0.00	19.43 -0.62 0.00	18.72 -0.66 0.00	21.39 -0.76 0.00	27.02 -0.98 0.00	31.47 -1.03 0.00	37.81 -1.17 0.00	31.21 -0.96 0.00	32.61 -0.97 0.00	26.03 -0.74 0.00	20.05 -0.55 0.00
INDECK___YERKES 23781	22.97 -0.63 0.00	21.53 -0.40 0.00	20.99 -0.01 0.00	21.17 -0.03 0.00	20.22 -0.17 0.00	15.82 -0.31 0.00	20.51 -0.39 0.00	21.91 -0.48 0.00	20.16 -0.42 0.00	20.02 -0.40 0.00	19.59 -0.18 0.00	19.05 -0.07 0.00	15.95 -0.12 0.00	18.72 -0.31 0.00	19.57 -0.49 0.00	18.96 -0.42 0.00	21.53 -0.62 0.00	26.74 -1.26 0.00	31.13 -1.38 0.00	37.43 -1.54 0.00	30.85 -1.32 0.00	32.46 -1.13 0.00	26.07 -0.70 0.00	20.37 -0.23 0.00
INDIAN POINT_GT_1 24139	24.25 0.65 0.00	22.41 0.49 0.00	21.43 0.43 0.00	21.56 0.37 0.00	20.76 0.37 0.00	16.51 0.37 0.00	21.30 0.41 0.00	22.89 0.49 0.00	21.16 0.58 0.00	21.04 0.63 0.00	20.47 0.70 0.00	19.76 0.64 0.00	16.69 0.62 0.00	19.80 0.77 0.00	20.95 0.89 0.00	20.28 0.91 0.00	23.18 1.03 0.00	29.28 1.28 0.00	33.90 1.40 0.00	40.38 1.42 0.00	33.27 1.11 0.00	34.61 1.02 0.00	27.59 0.82 0.00	21.14 0.53 0.00
INDIAN POINT_GT_2 23659	24.25 0.65 0.00	22.41 0.49 0.00	21.43 0.43 0.00	21.56 0.37 0.00	20.76 0.37 0.00	16.51 0.37 0.00	21.30 0.41 0.00	22.89 0.49 0.00	21.16 0.58 0.00	21.04 0.63 0.00	20.47 0.70 0.00	19.76 0.64 0.00	16.69 0.62 0.00	19.80 0.77 0.00	20.95 0.89 0.00	20.28 0.91 0.00	23.18 1.03 0.00	29.28 1.28 0.00	33.90 1.40 0.00	40.38 1.42 0.00	33.27 1.11 0.00	34.61 1.02 0.00	27.59 0.82 0.00	21.14 0.53 0.00
INDIAN POINT_GT_3 24019	24.25 0.65 0.00	22.41 0.49 0.00	21.43 0.43 0.00	21.56 0.37 0.00	20.76 0.37 0.00	16.51 0.37 0.00	21.30 0.41 0.00	22.89 0.49 0.00	21.16 0.58 0.00	21.04 0.63 0.00	20.47 0.70 0.00	19.76 0.64 0.00	16.69 0.62 0.00	19.80 0.77 0.00	20.95 0.89 0.00	20.28 0.91 0.00	23.18 1.03 0.00	29.28 1.28 0.00	33.90 1.40 0.00	40.38 1.42 0.00	33.27 1.11 0.00	34.61 1.02 0.00	27.59 0.82 0.00	21.14 0.53 0.00
INDIAN POINT___2 23530	24.22 0.62 0.00	22.38 0.46 0.00	21.40 0.40 0.00	21.53 0.34 0.00	20.73 0.34 0.00	16.48 0.35 0.00	21.27 0.38 0.00	22.86 0.47 0.00	21.13 0.55 0.00	21.02 0.60 0.00	20.44 0.67 0.00	19.73 0.62 0.00	16.67 0.60 0.00	19.78 0.75 0.00	20.92 0.87 0.00	20.26 0.88 0.00	23.15 1.01 0.00	29.25 1.24 0.00	33.87 1.36 0.00	40.34 1.37 0.00	33.24 1.07 0.00	34.57 0.99 0.00	27.56 0.80 0.00	21.12 0.51 0.00
INDIAN POINT___3 23531	24.23 0.64 0.00	22.40 0.47 0.00	21.42 0.42 0.00	21.55 0.36 0.00	20.74 0.35 0.00	16.49 0.36 0.00	21.29 0.40 0.00	22.88 0.48 0.00	21.14 0.56 0.00	21.03 0.62 0.00	20.46 0.69 0.00	19.75 0.63 0.00	16.68 0.62 0.00	19.80 0.76 0.00	20.93 0.88 0.00	20.27 0.89 0.00	23.16 1.02 0.00	29.26 1.26 0.00	33.87 1.37 0.00	40.37 1.40 0.00	33.26 1.09 0.00	34.58 0.99 0.00	27.57 0.81 0.00	21.13 0.52 0.00
INGHAM_C_115KV_TB7 356103	23.85 0.25 0.00	22.10 0.18 0.00	21.18 0.19 0.00	21.33 0.13 0.00	20.47 0.08 0.00	16.27 0.14 0.00	21.09 0.20 0.00	22.53 0.13 0.00	20.35 -0.22 0.00	20.02 -0.40 0.00	19.33 -0.44 0.00	18.69 -0.43 0.00	15.83 -0.23 0.00	18.86 -0.18 0.00	19.87 -0.19 0.00	19.24 -0.14 0.00	22.10 -0.05 0.00	28.21 0.20 0.00	33.05 0.55 0.00	39.80 0.82 0.00	32.89 0.72 0.00	34.27 0.68 0.00	27.22 0.45 0.00	20.83 0.23 0.00
IP CORINTH___1 23988	24.86 1.27 0.00	23.07 1.15 0.00	22.07 1.08 0.00	22.28 1.08 0.00	21.40 1.01 0.00	16.97 0.84 0.00	22.01 1.12 0.00	23.60 1.20 0.00	21.56 0.98 0.00	21.26 0.84 0.00	20.39 0.62 0.00	19.80 0.68 0.00	16.68 0.62 0.00	19.82 0.78 0.00	20.91 0.85 0.00	20.28 0.91 0.00	23.30 1.15 0.00	29.83 1.83 0.00	34.53 2.02 0.00	41.48 2.51 0.00	34.20 2.03 0.00	35.62 2.04 0.00	28.27 1.50 0.00	21.66 1.05 0.00
IP___TICONDEROGA 23804	25.86 2.26 0.00	23.99 2.07 0.00	22.97 1.98 0.00	23.20 2.01 0.00	22.26 1.87 0.00	17.64 1.50 0.00	22.94 2.05 0.00	24.57 2.18 0.00	22.27 1.70 0.00	21.98 1.57 0.00	21.13 1.36 0.00	20.57 1.45 0.00	17.30 1.24 0.00	20.64 1.61 0.00	21.84 1.78 0.00	21.18 1.81 0.00	24.45 2.30 0.00	31.31 3.31 0.00	36.07 3.57 0.00	43.21 4.24 0.00	35.65 3.48 0.00	37.09 3.50 0.00	29.33 2.57 0.00	22.37 1.77 0.00
ISLIP_RES_REC 323679	24.73 1.13 0.00	22.73 0.81 0.00	21.73 0.73 0.00	21.86 0.66 0.00	20.98 0.59 0.00	16.64 0.51 0.00	21.41 0.53 0.00	23.01 0.61 0.00	21.31 0.73 0.00	21.23 0.81 0.00	20.77 1.00 0.00	20.04 0.92 0.00	16.88 0.82 0.00	20.10 1.06 0.00	21.39 1.34 0.00	20.78 1.40 0.00	23.77 1.61 -0.01	30.02 2.02 0.00	34.70 2.20 0.00	41.09 2.12 0.00	33.72 1.56 0.00	35.06 1.48 0.00	27.97 1.21 0.00	21.47 0.86 0.00

JAMAICA__27_KV_LOAD 355505	24.48 0.88 0.00	22.60 0.68 0.00	21.58 0.58 0.00	21.66 0.47 0.00	20.85 0.46 0.00	16.62 0.49 0.00	21.42 0.53 0.00	23.02 0.62 0.00	21.32 0.74 0.00	21.25 0.83 0.00	20.70 0.93 0.00	19.97 0.85 0.00	16.88 0.82 0.00	20.02 0.98 0.00	21.16 1.11 0.00	20.50 1.13 0.00	23.40 1.25 0.00	29.51 1.51 0.00	34.16 1.66 0.00	40.73 1.76 0.00	33.58 1.41 0.00	34.94 1.36 0.00	27.87 1.10 0.00	21.37 0.76 0.00
JANIS__SOLAR 323808	24.01 0.41 0.00	22.27 0.34 0.00	21.40 0.41 0.00	21.55 0.36 0.00	20.73 0.34 0.00	16.41 0.28 0.00	21.28 0.39 0.00	22.80 0.40 0.00	20.68 0.11 0.00	20.36 -0.05 0.00	19.70 -0.07 0.00	19.08 -0.05 0.00	16.04 -0.02 0.00	18.96 -0.07 0.00	19.93 -0.13 0.00	19.23 -0.15 0.00	21.89 -0.26 0.00	27.90 -0.11 0.00	32.93 0.43 0.00	40.10 1.13 0.00	33.10 0.93 0.00	34.58 1.00 0.00	27.53 0.77 0.00	21.09 0.48 0.00
JARVIS____ 23743	23.57 -0.02 0.00	21.90 -0.02 0.00	20.98 -0.02 0.00	21.17 -0.02 0.00	20.37 -0.02 0.00	16.13 0.00 0.00	20.89 0.00 0.00	22.38 -0.02 0.00	20.56 -0.02 0.00	20.39 -0.02 0.00	19.74 -0.03 0.00	19.08 -0.04 0.00	16.04 -0.03 0.00	19.02 -0.02 0.00	20.03 -0.02 0.00	19.36 -0.02 0.00	22.14 0.00 0.00	28.00 0.00 0.00	32.50 0.00 0.00	38.97 0.00 0.00	32.17 0.00 0.00	33.58 0.00 0.00	26.75 -0.02 0.00	20.59 -0.02 0.00
JENNISON____1 23625	24.09 0.50 0.00	22.14 0.21 0.00	21.30 0.30 0.00	21.44 0.25 0.00	20.53 0.14 0.00	16.30 0.16 0.00	21.09 0.20 0.00	22.63 0.24 0.00	20.81 0.23 0.00	20.69 0.28 0.00	20.01 0.24 0.00	19.25 0.13 0.00	16.16 0.09 0.00	19.11 0.07 0.00	20.08 0.02 0.00	19.36 -0.02 0.00	22.23 0.08 0.00	28.22 0.22 0.00	33.23 0.73 0.00	40.17 1.20 0.00	33.11 0.94 0.00	34.68 1.10 0.00	27.63 0.87 0.00	21.15 0.54 0.00
JENNISON____2 23626	24.09 0.50 0.00	22.14 0.21 0.00	21.30 0.30 0.00	21.44 0.25 0.00	20.53 0.14 0.00	16.30 0.16 0.00	21.09 0.20 0.00	22.63 0.24 0.00	20.81 0.23 0.00	20.69 0.28 0.00	20.01 0.24 0.00	19.25 0.13 0.00	16.16 0.09 0.00	19.11 0.07 0.00	20.08 0.02 0.00	19.36 -0.02 0.00	22.23 0.08 0.00	28.22 0.22 0.00	33.23 0.73 0.00	40.17 1.20 0.00	33.11 0.94 0.00	34.68 1.10 0.00	27.63 0.87 0.00	21.15 0.54 0.00
JERICOHO_RISE_WT_PWR 323719	24.06 0.46 0.00	22.30 0.38 0.00	21.29 0.29 0.00	21.53 0.33 0.00	20.75 0.36 0.00	16.36 0.23 0.00	21.19 0.29 0.00	22.70 0.31 0.00	20.84 0.27 0.00	20.56 0.15 0.00	19.64 -0.13 0.00	19.05 -0.08 0.00	15.91 -0.16 0.00	18.90 -0.13 0.00	20.03 -0.03 0.00	19.40 0.02 0.00	22.32 0.17 0.00	28.44 0.44 0.00	33.02 0.51 0.00	39.68 0.71 0.00	32.71 0.55 0.00	34.15 0.56 0.00	27.16 0.39 0.00	20.97 0.37 0.00
KATONAH__115KV_46KV_TB4 355592	24.36 0.77 0.00	22.53 0.61 0.00	21.54 0.55 0.00	21.68 0.48 0.00	20.86 0.47 0.00	16.58 0.45 0.00	21.40 0.52 0.00	23.02 0.62 0.00	21.28 0.70 0.00	21.16 0.75 0.00	20.60 0.83 0.00	19.88 0.76 0.00	16.79 0.72 0.00	19.93 0.89 0.00	21.07 1.02 0.00	20.41 1.04 0.00	23.33 1.18 0.00	29.47 1.47 0.00	34.10 1.59 0.00	40.61 1.64 0.00	33.48 1.31 0.00	34.80 1.22 0.00	27.72 0.96 0.00	21.24 0.63 0.00
KCE_NY_1 323755	24.53 0.94 0.00	22.75 0.83 0.00	21.78 0.79 0.00	21.98 0.79 0.00	21.13 0.74 0.00	16.76 0.63 0.00	21.71 0.82 0.00	23.29 0.89 0.00	21.29 0.71 0.00	21.03 0.62 0.00	20.29 0.52 0.00	19.70 0.58 0.00	16.58 0.51 0.00	19.69 0.65 0.00	20.77 0.71 0.00	20.17 0.79 0.00	23.08 0.93 0.00	29.38 1.38 0.00	34.00 1.50 0.00	40.78 1.81 0.00	33.65 1.48 0.00	35.11 1.52 0.00	27.88 1.12 0.00	21.38 0.78 0.00
KCE_NY_6_ESR 323823	22.94 -0.65 0.00	21.47 -0.45 0.00	20.92 -0.08 0.00	21.08 -0.11 0.00	20.14 -0.25 0.00	15.80 -0.34 0.00	20.49 -0.41 0.00	21.95 -0.45 0.00	20.18 -0.40 0.00	20.04 -0.37 0.00	19.60 -0.17 0.00	19.03 -0.09 0.00	15.94 -0.12 0.00	18.72 -0.31 0.00	19.56 -0.49 0.00	18.97 -0.41 0.00	21.53 -0.62 0.00	26.80 -1.20 0.00	31.24 -1.26 0.00	37.60 -1.37 0.00	30.96 -1.21 0.00	32.58 -1.00 0.00	26.13 -0.63 0.00	20.33 -0.28 0.00
KEDC_PORT_JEFF_GT2 24210	24.59 0.99 0.00	22.63 0.70 0.00	21.63 0.63 0.00	21.75 0.56 0.00	20.88 0.49 0.00	16.58 0.44 0.00	21.33 0.44 0.00	22.92 0.52 0.00	21.23 0.65 0.00	21.15 0.74 0.00	20.70 0.93 0.00	19.97 0.85 0.00	16.83 0.76 0.00	20.02 0.98 0.00	21.30 1.24 0.00	20.68 1.30 0.00	23.64 1.48 -0.01	29.84 1.84 0.00	34.48 1.98 0.00	40.83 1.86 0.00	33.51 1.34 0.00	34.84 1.26 0.00	27.82 1.06 0.00	21.37 0.76 0.00
KEDC_PORT_JEFF_GT3 24211	24.59 0.99 0.00	22.63 0.70 0.00	21.63 0.63 0.00	21.75 0.56 0.00	20.88 0.49 0.00	16.58 0.44 0.00	21.33 0.44 0.00	22.92 0.52 0.00	21.23 0.65 0.00	21.15 0.74 0.00	20.70 0.93 0.00	19.97 0.85 0.00	16.83 0.76 0.00	20.02 0.98 0.00	21.30 1.24 0.00	20.68 1.30 0.00	23.64 1.48 -0.01	29.84 1.84 0.00	34.48 1.98 0.00	40.83 1.86 0.00	33.51 1.34 0.00	34.84 1.26 0.00	27.82 1.06 0.00	21.37 0.76 0.00
KEDC_GLWD_GT4 24219	24.53 0.94 0.00	22.65 0.73 0.00	21.66 0.67 0.00	21.79 0.60 0.00	20.95 0.56 0.00	16.65 0.51 0.00	21.45 0.56 0.00	23.07 0.67 0.00	21.35 0.77 0.00	21.26 0.85 0.00	20.75 0.98 0.00	20.03 0.91 0.00	16.91 0.85 0.00	20.07 1.04 0.00	21.27 1.22 0.00	20.62 1.25 0.00	23.56 1.40 -0.01	29.71 1.71 0.00	34.35 1.84 0.00	40.81 1.84 0.00	33.60 1.44 0.00	34.97 1.38 0.00	27.88 1.11 0.00	21.37 0.77 0.00
KEDC_GLWD_GT5 24220	24.53 0.94 0.00	22.65 0.73 0.00	21.66 0.67 0.00	21.79 0.60 0.00	20.95 0.56 0.00	16.65 0.51 0.00	21.45 0.56 0.00	23.07 0.67 0.00	21.35 0.77 0.00	21.26 0.85 0.00	20.75 0.98 0.00	20.03 0.91 0.00	16.91 0.85 0.00	20.07 1.04 0.00	21.27 1.22 0.00	20.62 1.25 0.00	23.56 1.40 -0.01	29.71 1.71 0.00	34.35 1.84 0.00	40.81 1.84 0.00	33.60 1.44 0.00	34.97 1.38 0.00	27.88 1.11 0.00	21.37 0.77 0.00
KENSICO____ 23655	24.31 0.71 0.00	22.47 0.55 0.00	21.48 0.48 0.00	21.61 0.42 0.00	20.80 0.41 0.00	16.54 0.41 0.00	21.35 0.46 0.00	22.94 0.55 0.00	21.22 0.64 0.00	21.11 0.70 0.00	20.55 0.78 0.00	19.83 0.71 0.00	16.75 0.68 0.00	19.88 0.84 0.00	21.02 0.96 0.00	20.36 0.98 0.00	23.26 1.11 0.00	29.38 1.38 0.00	34.00 1.50 0.00	40.49 1.52 0.00	33.36 1.19 0.00	34.69 1.11 0.00	27.66 0.89 0.00	21.20 0.59 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.33 0.74 0.00	22.50 0.58 0.00	21.51 0.51 0.00	21.64 0.45 0.00	20.82 0.43 0.00	16.55 0.41 0.00	21.39 0.49 0.00	22.99 0.59 0.00	21.20 0.62 0.00	21.01 0.60 0.00	20.37 0.60 0.00	19.65 0.53 0.00	16.60 0.53 0.00	19.63 0.59 0.00	20.63 0.57 0.00	19.98 0.60 0.00	22.96 0.81 0.00	29.07 1.07 0.00	33.80 1.29 0.00	40.40 1.43 0.00	33.33 1.16 0.00	34.87 1.29 0.00	27.78 1.02 0.00	21.27 0.66 0.00

KIAC_JFK_GT1 23816	24.34 0.74 0.00	22.47 0.55 0.00	21.46 0.46 0.00	21.53 0.34 0.00	20.74 0.35 0.00	16.53 0.40 0.00	21.30 0.41 0.00	22.89 0.49 0.00	21.21 0.63 0.00	21.13 0.72 0.00	20.59 0.82 0.00	19.86 0.74 0.00	16.79 0.72 0.00	19.91 0.87 0.00	21.04 0.99 0.00	20.39 1.01 0.00	23.24 1.09 0.00	29.24 1.24 0.00	33.85 1.34 0.00	40.34 1.37 0.00	33.27 1.10 0.00	34.71 1.12 0.00	27.71 0.94 0.00	21.25 0.64 0.00
KIAC_JFK_GT2 23817	24.34 0.74 0.00	22.47 0.55 0.00	21.46 0.46 0.00	21.53 0.34 0.00	20.74 0.35 0.00	16.53 0.40 0.00	21.30 0.41 0.00	22.89 0.49 0.00	21.21 0.63 0.00	21.13 0.72 0.00	20.59 0.82 0.00	19.86 0.74 0.00	16.79 0.72 0.00	19.91 0.87 0.00	21.04 0.99 0.00	20.39 1.01 0.00	23.24 1.09 0.00	29.24 1.24 0.00	33.85 1.34 0.00	40.34 1.37 0.00	33.27 1.10 0.00	34.71 1.12 0.00	27.71 0.94 0.00	21.25 0.64 0.00
KIAC_JFK____ 323774	24.34 0.74 0.00	22.47 0.55 0.00	21.46 0.46 0.00	21.53 0.34 0.00	20.74 0.35 0.00	16.53 0.40 0.00	21.30 0.41 0.00	22.89 0.49 0.00	21.21 0.63 0.00	21.13 0.72 0.00	20.59 0.82 0.00	19.86 0.74 0.00	16.79 0.72 0.00	19.91 0.88 0.00	21.04 0.99 0.00	20.39 1.01 0.00	23.24 1.09 0.00	29.24 1.24 0.00	33.85 1.34 0.00	40.34 1.37 0.00	33.27 1.10 0.00	34.71 1.12 0.00	27.71 0.94 0.00	21.25 0.64 0.00
KINTIGH__24_KV_GSU 356498	22.88 -0.72 0.00	21.42 -0.50 0.00	20.83 -0.17 0.00	21.01 -0.18 0.00	20.09 -0.30 0.00	15.76 -0.38 0.00	20.42 -0.47 0.00	21.87 -0.52 0.00	20.12 -0.46 0.00	19.99 -0.43 0.00	19.52 -0.25 0.00	18.96 -0.16 0.00	15.88 -0.18 0.00	18.67 -0.37 0.00	19.54 -0.52 0.00	18.91 -0.47 0.00	21.46 -0.69 0.00	26.77 -1.23 0.00	31.14 -1.36 0.00	37.40 -1.57 0.00	30.84 -1.33 0.00	32.40 -1.18 0.00	25.98 -0.78 0.00	20.22 -0.39 0.00
KINTIGH____ 23543	22.86 -0.74 0.00	21.40 -0.52 0.00	20.81 -0.18 0.00	20.99 -0.20 0.00	20.07 -0.32 0.00	15.74 -0.39 0.00	20.40 -0.49 0.00	21.85 -0.55 0.00	20.10 -0.48 0.00	19.97 -0.44 0.00	19.51 -0.26 0.00	18.94 -0.18 0.00	15.87 -0.20 0.00	18.65 -0.38 0.00	19.52 -0.53 0.00	18.89 -0.48 0.00	21.44 -0.71 0.00	26.75 -1.25 0.00	31.12 -1.38 0.00	37.37 -1.60 0.00	30.81 -1.36 0.00	32.37 -1.21 0.00	25.95 -0.81 0.00	20.20 -0.41 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	24.33 0.73 0.00	22.55 0.62 0.00	21.53 0.54 0.00	21.77 0.58 0.00	20.99 0.60 0.00	16.57 0.43 0.00	21.47 0.58 0.00	23.00 0.60 0.00	21.11 0.53 0.00	20.85 0.43 0.00	19.92 0.15 0.00	19.30 0.19 0.00	16.12 0.05 0.00	19.12 0.09 0.00	20.27 0.22 0.00	19.59 0.22 0.00	22.56 0.41 0.00	28.83 0.83 0.00	33.44 0.93 0.00	40.20 1.23 0.00	33.15 0.98 0.00	34.58 0.99 0.00	27.50 0.74 0.00	21.22 0.61 0.00
LACHUTE____HYDRO 323717	25.86 2.26 0.00	23.99 2.07 0.00	22.97 1.98 0.00	23.20 2.01 0.00	22.26 1.87 0.00	17.64 1.50 0.00	22.94 2.05 0.00	24.58 2.18 0.00	22.27 1.70 0.00	21.98 1.57 0.00	21.13 1.36 0.00	20.57 1.45 0.00	17.30 1.24 0.00	20.64 1.61 0.00	21.84 1.78 0.00	21.18 1.81 0.00	24.45 2.30 0.00	31.30 3.30 0.00	36.07 3.57 0.00	43.21 4.24 0.00	35.65 3.48 0.00	37.09 3.50 0.00	29.33 2.56 0.00	22.37 1.77 0.00
LAWRNCAY_115KV_TB1 80681	24.51 0.92 0.00	22.69 0.77 0.00	21.67 0.68 0.00	21.93 0.73 0.00	21.15 0.76 0.00	16.66 0.53 0.00	21.58 0.69 0.00	23.11 0.71 0.00	21.18 0.60 0.00	20.94 0.53 0.00	20.22 0.45 0.00	19.56 0.43 0.00	16.32 0.25 0.00	19.32 0.28 0.00	20.42 0.36 0.00	19.77 0.39 0.00	22.69 0.54 0.00	28.73 0.72 0.00	33.40 0.90 0.00	40.17 1.20 0.00	33.18 1.01 0.00	34.67 1.09 0.00	27.60 0.84 0.00	21.35 0.74 0.00
LEDERLE____ 23769	24.46 0.86 0.00	22.59 0.67 0.00	21.60 0.60 0.00	21.73 0.54 0.00	20.92 0.53 0.00	16.63 0.50 0.00	21.48 0.59 0.00	23.08 0.68 0.00	21.32 0.74 0.00	21.21 0.80 0.00	20.63 0.86 0.00	19.93 0.81 0.00	16.85 0.79 0.00	19.99 0.96 0.00	21.13 1.08 0.00	20.42 1.04 0.00	23.34 1.20 0.00	29.49 1.49 0.00	34.15 1.65 0.00	40.69 1.72 0.00	33.50 1.33 0.00	34.83 1.25 0.00	27.78 1.01 0.00	21.27 0.67 0.00
LIGHTHSE_115KV_TB6 355974	23.42 -0.17 0.00	21.75 -0.17 0.00	20.84 -0.16 0.00	21.09 -0.10 0.00	20.36 -0.03 0.00	16.12 -0.01 0.00	20.85 -0.04 0.00	22.31 -0.09 0.00	20.37 -0.21 0.00	20.07 -0.34 0.00	19.32 -0.45 0.00	18.66 -0.46 0.00	15.63 -0.44 0.00	18.56 -0.47 0.00	19.46 -0.60 0.00	18.77 -0.60 0.00	21.58 -0.57 0.00	27.39 -0.61 0.00	32.00 -0.51 0.00	38.51 -0.46 0.00	31.82 -0.34 0.00	33.27 -0.31 0.00	26.65 -0.11 0.00	20.57 -0.04 0.00
LINDEN COGEN____ 23786	24.27 0.68 0.00	22.42 0.50 0.00	21.44 0.45 0.00	21.55 0.36 0.00	20.77 0.38 0.00	16.53 0.40 0.00	21.29 0.40 0.00	22.90 0.51 0.00	21.22 0.64 0.00	21.14 0.72 0.00	20.60 0.83 0.00	19.87 0.75 0.00	16.79 0.73 0.00	19.92 0.88 0.00	21.07 1.01 0.00	20.41 1.03 0.00	23.29 1.14 0.00	29.40 1.39 0.00	34.01 1.51 0.00	40.45 1.48 0.00	33.36 1.19 0.00	34.65 1.07 0.00	27.65 0.88 0.00	21.20 0.59 0.00
LINDHRST_69_KV_BK1 356055	24.78 1.19 0.00	22.82 0.90 0.00	21.81 0.82 0.00	21.92 0.73 0.00	21.05 0.66 0.00	16.71 0.58 0.00	21.51 0.62 0.00	23.12 0.72 0.00	21.40 0.83 0.00	21.31 0.90 0.00	20.84 1.07 0.00	20.11 0.99 0.00	16.96 0.89 0.00	20.16 1.13 0.00	21.44 1.39 0.00	20.80 1.42 0.00	23.76 1.60 -0.01	29.98 1.98 0.00	34.64 2.13 0.00	41.08 2.11 0.00	33.78 1.62 0.00	35.15 1.57 0.00	28.05 1.28 0.00	21.52 0.91 0.00
LIPA_MISC_IPP 23656	24.45 0.85 0.00	22.48 0.56 0.00	21.48 0.48 0.00	21.62 0.42 0.00	20.75 0.36 0.00	16.46 0.33 0.00	21.19 0.30 0.00	22.77 0.37 0.00	21.09 0.51 0.00	21.01 0.59 0.00	20.56 0.79 0.00	19.83 0.71 0.00	16.70 0.64 0.00	19.87 0.83 0.00	21.15 1.10 0.00	20.54 1.16 0.00	23.50 1.34 -0.01	29.68 1.67 0.00	34.30 1.79 0.00	40.61 1.64 0.00	33.32 1.15 0.00	34.64 1.05 0.00	27.66 0.90 0.00	21.25 0.64 0.00
LISF____SOLAR 323691	24.48 0.88 0.00	22.51 0.59 0.00	21.52 0.52 0.00	21.65 0.46 0.00	20.77 0.38 0.00	16.48 0.34 0.00	21.21 0.32 0.00	22.79 0.39 0.00	21.10 0.52 0.00	21.02 0.60 0.00	20.56 0.79 0.00	19.83 0.71 0.00	16.70 0.64 0.00	19.87 0.83 0.00	21.15 1.10 0.00	20.55 1.18 0.00	23.53 1.37 -0.01	29.72 1.72 0.00	34.36 1.86 0.00	40.69 1.72 0.00	33.39 1.22 0.00	34.70 1.12 0.00	27.70 0.94 0.00	21.28 0.67 0.00
LITTLE FALLS____HYD 24013	23.85 0.25 0.00	22.10 0.18 0.00	21.18 0.19 0.00	21.33 0.13 0.00	20.47 0.08 0.00	16.27 0.14 0.00	21.09 0.20 0.00	22.53 0.13 0.00	20.35 -0.22 0.00	20.02 -0.40 0.00	19.33 -0.44 0.00	18.69 -0.43 0.00	15.83 -0.23 0.00	18.86 -0.18 0.00	19.87 -0.19 0.00	19.24 -0.14 0.00	22.10 -0.05 0.00	28.21 0.20 0.00	33.05 0.55 0.00	39.80 0.82 0.00	32.89 0.72 0.00	34.27 0.68 0.00	27.22 0.45 0.00	20.83 0.23 0.00

LITTLRIV_115KV_TB1 356100	24.88 1.28 0.00	23.02 1.10 0.00	21.98 0.98 0.00	22.24 1.05 0.00	21.44 1.05 0.00	16.89 0.76 0.00	21.89 1.00 0.00	23.42 1.03 0.00	21.42 0.84 0.00	21.13 0.71 0.00	20.46 0.69 0.00	19.81 0.69 0.00	16.50 0.43 0.00	19.43 0.39 0.00	20.61 0.55 0.00	19.97 0.59 0.00	22.89 0.74 0.00	29.01 1.01 0.00	33.85 1.35 0.00	40.80 1.83 0.00	33.70 1.54 0.00	35.22 1.64 0.00	28.01 1.25 0.00	21.66 1.05 0.00
LI_NEWBRDGE___DRP 323616	24.41 0.81 0.00	22.52 0.59 0.00	21.53 0.54 0.00	21.66 0.47 0.00	20.81 0.42 0.00	16.53 0.40 0.00	21.27 0.38 0.00	22.87 0.47 0.00	21.17 0.59 0.00	21.09 0.67 0.00	20.60 0.84 0.00	19.89 0.77 0.00	16.78 0.71 0.00	19.93 0.89 0.00	21.15 1.10 0.00	20.49 1.11 0.00	23.39 1.24 -0.01	29.50 1.49 0.00	34.07 1.56 0.00	40.44 1.47 0.00	33.28 1.11 0.00	34.64 1.06 0.00	27.66 0.90 0.00	21.23 0.62 0.00
LOCKPORT_115KV_TB60_63_64 80432	22.82 -0.78 0.00	21.37 -0.55 0.00	20.83 -0.16 0.00	21.02 -0.17 0.00	20.07 -0.32 0.00	15.70 -0.43 0.00	20.34 -0.55 0.00	21.77 -0.63 0.00	20.02 -0.55 0.00	19.86 -0.55 0.00	19.42 -0.35 0.00	18.90 -0.22 0.00	15.82 -0.24 0.00	18.57 -0.46 0.00	19.40 -0.65 0.00	18.79 -0.59 0.00	21.37 -0.78 0.00	26.49 -1.51 0.00	30.85 -1.66 0.00	37.13 -1.85 0.00	30.64 -1.53 0.00	32.23 -1.35 0.00	25.90 -0.86 0.00	20.22 -0.38 0.00
LOCKPORT___CC1 323769	22.81 -0.79 0.00	21.35 -0.57 0.00	20.83 -0.16 0.00	21.01 -0.18 0.00	20.07 -0.32 0.00	15.70 -0.44 0.00	20.34 -0.55 0.00	21.76 -0.64 0.00	20.02 -0.56 0.00	19.87 -0.55 0.00	19.43 -0.34 0.00	18.90 -0.22 0.00	15.82 -0.24 0.00	18.58 -0.45 0.00	19.41 -0.65 0.00	18.79 -0.59 0.00	21.36 -0.79 0.00	26.49 -1.51 0.00	30.84 -1.66 0.00	37.10 -1.88 0.00	30.61 -1.56 0.00	32.21 -1.37 0.00	25.89 -0.87 0.00	20.21 -0.39 0.00
LOCKPORT___CC2 323770	22.81 -0.79 0.00	21.35 -0.57 0.00	20.83 -0.16 0.00	21.01 -0.18 0.00	20.07 -0.32 0.00	15.70 -0.44 0.00	20.34 -0.55 0.00	21.76 -0.64 0.00	20.02 -0.56 0.00	19.87 -0.55 0.00	19.43 -0.34 0.00	18.90 -0.22 0.00	15.82 -0.24 0.00	18.58 -0.45 0.00	19.41 -0.65 0.00	18.79 -0.59 0.00	21.36 -0.79 0.00	26.49 -1.51 0.00	30.84 -1.66 0.00	37.10 -1.88 0.00	30.61 -1.56 0.00	32.21 -1.37 0.00	25.89 -0.87 0.00	20.21 -0.39 0.00
LOCKPORT___CC3 323771	22.81 -0.79 0.00	21.35 -0.57 0.00	20.83 -0.16 0.00	21.01 -0.18 0.00	20.07 -0.32 0.00	15.70 -0.44 0.00	20.34 -0.55 0.00	21.76 -0.64 0.00	20.02 -0.56 0.00	19.87 -0.55 0.00	19.43 -0.34 0.00	18.90 -0.22 0.00	15.82 -0.24 0.00	18.58 -0.45 0.00	19.41 -0.65 0.00	18.79 -0.59 0.00	21.36 -0.79 0.00	26.49 -1.51 0.00	30.84 -1.66 0.00	37.10 -1.88 0.00	30.61 -1.56 0.00	32.21 -1.37 0.00	25.89 -0.87 0.00	20.21 -0.39 0.00
LOCUSVLY_69_KV_BK2 55797	24.60 1.01 0.00	22.69 0.77 0.00	21.70 0.71 0.00	21.83 0.64 0.00	20.97 0.58 0.00	16.66 0.53 0.00	21.46 0.57 0.00	23.08 0.68 0.00	21.37 0.79 0.00	21.29 0.87 0.00	20.79 1.02 0.00	20.07 0.95 0.00	16.94 0.87 0.00	20.12 1.08 0.00	21.35 1.29 0.00	20.70 1.32 0.00	23.64 1.48 -0.01	29.81 1.81 0.00	34.43 1.92 0.00	40.87 1.90 0.00	33.65 1.48 0.00	35.01 1.43 0.00	27.93 1.17 0.00	21.41 0.80 0.00
LONG_LAKE_PHOENIX 24014	22.97 -0.63 0.00	21.41 -0.51 0.00	20.56 -0.44 0.00	20.75 -0.45 0.00	19.95 -0.44 0.00	15.79 -0.34 0.00	20.43 -0.46 0.00	21.90 -0.50 0.00	20.09 -0.49 0.00	19.93 -0.49 0.00	19.35 -0.42 0.00	18.74 -0.39 0.00	15.72 -0.34 0.00	18.59 -0.45 0.00	19.52 -0.53 0.00	18.80 -0.57 0.00	21.46 -0.69 0.00	27.12 -0.89 0.00	31.61 -0.89 0.00	37.97 -1.00 0.00	31.35 -0.82 0.00	32.74 -0.84 0.00	26.13 -0.64 0.00	20.12 -0.49 0.00
LOVETT___3 23632	24.21 0.61 0.00	22.36 0.44 0.00	21.39 0.39 0.00	21.52 0.33 0.00	20.72 0.33 0.00	16.48 0.34 0.00	21.27 0.38 0.00	22.85 0.46 0.00	21.12 0.54 0.00	21.01 0.60 0.00	20.43 0.66 0.00	19.73 0.61 0.00	16.67 0.60 0.00	19.78 0.74 0.00	20.91 0.86 0.00	20.27 0.89 0.00	23.16 1.01 0.00	29.25 1.25 0.00	33.87 1.37 0.00	40.37 1.40 0.00	33.24 1.08 0.00	34.57 0.98 0.00	27.57 0.81 0.00	21.13 0.52 0.00
LOVETT___4 23642	24.21 0.61 0.00	22.36 0.44 0.00	21.39 0.39 0.00	21.52 0.33 0.00	20.72 0.33 0.00	16.48 0.34 0.00	21.27 0.38 0.00	22.85 0.46 0.00	21.12 0.54 0.00	21.01 0.60 0.00	20.43 0.66 0.00	19.73 0.61 0.00	16.67 0.60 0.00	19.78 0.74 0.00	20.91 0.86 0.00	20.27 0.89 0.00	23.16 1.01 0.00	29.25 1.25 0.00	33.87 1.37 0.00	40.37 1.40 0.00	33.24 1.08 0.00	34.57 0.98 0.00	27.57 0.81 0.00	21.13 0.52 0.00
LOVETT___5 23593	24.21 0.61 0.00	22.36 0.44 0.00	21.39 0.39 0.00	21.52 0.33 0.00	20.72 0.33 0.00	16.48 0.34 0.00	21.27 0.38 0.00	22.85 0.46 0.00	21.12 0.54 0.00	21.01 0.60 0.00	20.43 0.66 0.00	19.73 0.61 0.00	16.67 0.60 0.00	19.78 0.74 0.00	20.91 0.86 0.00	20.27 0.89 0.00	23.16 1.01 0.00	29.25 1.25 0.00	33.87 1.37 0.00	40.37 1.40 0.00	33.24 1.08 0.00	34.57 0.98 0.00	27.57 0.81 0.00	21.13 0.52 0.00
LOWER RAQUET___HYD 24057	24.54 0.94 0.00	22.70 0.78 0.00	21.68 0.69 0.00	21.95 0.75 0.00	21.17 0.78 0.00	16.68 0.54 0.00	21.60 0.71 0.00	23.12 0.73 0.00	21.18 0.60 0.00	20.94 0.53 0.00	20.21 0.44 0.00	19.55 0.42 0.00	16.30 0.24 0.00	19.30 0.26 0.00	20.40 0.34 0.00	19.75 0.37 0.00	22.68 0.53 0.00	28.74 0.74 0.00	33.42 0.92 0.00	40.20 1.23 0.00	33.21 1.04 0.00	34.71 1.13 0.00	27.63 0.86 0.00	21.37 0.77 0.00
LOWER___HUDSON 24059	24.12 0.52 0.00	22.39 0.47 0.00	21.43 0.43 0.00	21.63 0.44 0.00	20.79 0.40 0.00	16.48 0.35 0.00	21.34 0.45 0.00	22.88 0.48 0.00	21.01 0.44 0.00	20.79 0.37 0.00	20.09 0.32 0.00	19.45 0.32 0.00	16.38 0.31 0.00	19.46 0.42 0.00	20.54 0.49 0.00	19.89 0.51 0.00	22.74 0.59 0.00	28.86 0.86 0.00	33.29 0.79 0.00	39.90 0.93 0.00	32.93 0.76 0.00	34.37 0.79 0.00	27.33 0.56 0.00	21.00 0.39 0.00
LOWVILLE_115KV_TB2 356335	24.27 0.68 0.00	22.35 0.43 0.00	21.38 0.38 0.00	21.71 0.52 0.00	21.10 0.71 0.00	16.72 0.58 0.00	21.61 0.72 0.00	23.02 0.62 0.00	20.89 0.32 0.00	20.47 0.05 0.00	19.52 -0.25 0.00	18.68 -0.43 0.00	15.52 -0.55 0.00	18.51 -0.53 0.00	19.52 -0.53 0.00	18.85 -0.52 0.00	21.92 -0.23 0.00	28.03 0.03 0.00	32.76 0.25 0.00	39.58 0.61 0.00	32.77 0.60 0.00	34.29 0.71 0.00	27.45 0.69 0.00	21.30 0.70 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	24.53 0.93 0.00	22.77 0.85 0.00	21.79 0.79 0.00	21.99 0.80 0.00	21.13 0.74 0.00	16.76 0.62 0.00	21.71 0.82 0.00	23.27 0.87 0.00	21.29 0.71 0.00	21.03 0.62 0.00	20.28 0.51 0.00	19.67 0.55 0.00	16.57 0.51 0.00	19.69 0.65 0.00	20.76 0.71 0.00	20.13 0.76 0.00	23.06 0.91 0.00	29.35 1.34 0.00	33.98 1.47 0.00	40.75 1.79 0.00	33.63 1.46 0.00	35.06 1.48 0.00	27.86 1.10 0.00	21.38 0.77 0.00

LUTHERNY_35_KV_BK2 355980	24.53 0.94 0.00	22.75 0.83 0.00	21.78 0.79 0.00	21.98 0.79 0.00	21.13 0.74 0.00	16.76 0.63 0.00	21.72 0.82 0.00	23.29 0.89 0.00	21.29 0.71 0.00	21.03 0.62 0.00	20.29 0.52 0.00	19.70 0.58 0.00	16.58 0.51 0.00	19.69 0.65 0.00	20.77 0.71 0.00	20.17 0.79 0.00	23.08 0.93 0.00	29.38 1.38 0.00	34.00 1.49 0.00	40.78 1.81 0.00	33.65 1.48 0.00	35.11 1.52 0.00	27.88 1.12 0.00	21.39 0.78 0.00
LWR___OSWEGATCHIE_HYD 23850	24.40 0.81 0.00	22.54 0.61 0.00	21.53 0.53 0.00	21.83 0.64 0.00	21.13 0.74 0.00	16.70 0.56 0.00	21.60 0.71 0.00	23.08 0.68 0.00	21.04 0.46 0.00	20.68 0.26 0.00	19.82 0.06 0.00	19.11 -0.02 0.00	15.91 -0.16 0.00	18.91 -0.13 0.00	19.94 -0.11 0.00	19.29 -0.09 0.00	22.31 0.16 0.00	28.40 0.39 0.00	33.13 0.62 0.00	39.93 0.96 0.00	33.02 0.85 0.00	34.53 0.95 0.00	27.57 0.81 0.00	21.36 0.75 0.00
LYONS_FALL_HYD 23570	24.16 0.56 0.00	22.31 0.39 0.00	21.35 0.35 0.00	21.63 0.44 0.00	20.94 0.55 0.00	16.59 0.46 0.00	21.47 0.58 0.00	22.92 0.52 0.00	20.87 0.29 0.00	20.54 0.13 0.00	19.70 -0.07 0.00	18.95 -0.17 0.00	15.80 -0.26 0.00	18.79 -0.24 0.00	19.80 -0.25 0.00	19.12 -0.26 0.00	22.10 -0.05 0.00	28.16 0.16 0.00	32.88 0.38 0.00	39.65 0.68 0.00	32.80 0.63 0.00	34.27 0.69 0.00	27.38 0.62 0.00	21.17 0.57 0.00
MADISON___COUNTY_LFGE 323628	23.94 0.35 0.00	22.22 0.30 0.00	21.30 0.30 0.00	21.49 0.30 0.00	20.72 0.33 0.00	16.41 0.27 0.00	21.26 0.37 0.00	22.74 0.34 0.00	20.74 0.16 0.00	20.52 0.10 0.00	19.86 0.09 0.00	19.22 0.11 0.00	16.14 0.08 0.00	19.10 0.06 0.00	20.07 0.01 0.00	19.37 0.00 0.00	22.19 0.04 0.00	28.16 0.15 0.00	32.88 0.38 0.00	39.64 0.67 0.00	32.76 0.59 0.00	34.19 0.61 0.00	27.23 0.47 0.00	20.94 0.34 0.00
MALONE___115KV_TB1 356076	24.44 0.85 0.00	22.63 0.71 0.00	21.61 0.61 0.00	21.85 0.66 0.00	21.07 0.68 0.00	16.60 0.46 0.00	21.50 0.61 0.00	23.06 0.66 0.00	21.17 0.60 0.00	20.93 0.51 0.00	20.04 0.27 0.00	19.43 0.31 0.00	16.23 0.17 0.00	19.26 0.23 0.00	20.38 0.33 0.00	19.70 0.32 0.00	22.69 0.54 0.00	28.87 0.87 0.00	33.55 1.04 0.00	40.37 1.40 0.00	33.30 1.13 0.00	34.74 1.16 0.00	27.62 0.86 0.00	21.32 0.72 0.00
MAPLEWOD_115KV_TB3 80458	23.95 0.36 0.00	22.24 0.32 0.00	21.28 0.29 0.00	21.47 0.28 0.00	20.64 0.25 0.00	16.37 0.23 0.00	21.18 0.29 0.00	22.70 0.30 0.00	20.86 0.28 0.00	20.65 0.24 0.00	20.00 0.23 0.00	19.36 0.24 0.00	16.31 0.25 0.00	19.37 0.33 0.00	20.46 0.40 0.00	19.79 0.41 0.00	22.60 0.45 0.00	28.66 0.66 0.00	33.08 0.58 0.00	39.58 0.61 0.00	32.66 0.50 0.00	34.07 0.49 0.00	27.10 0.33 0.00	20.86 0.26 0.00
MAPLE_RIDGE_WT_1 323574	23.62 0.02 0.00	21.89 -0.03 0.00	20.94 -0.05 0.00	21.18 -0.02 0.00	20.44 0.04 0.00	16.17 0.03 0.00	20.94 0.05 0.00	22.41 0.01 0.00	20.58 0.00 0.00	20.40 -0.01 0.00	19.67 -0.10 0.00	18.90 -0.22 0.00	15.79 -0.28 0.00	18.74 -0.29 0.00	19.81 -0.24 0.00	19.17 -0.21 0.00	21.98 -0.17 0.00	27.82 -0.18 0.00	32.31 -0.20 0.00	38.80 -0.17 0.00	32.08 -0.09 0.00	33.47 -0.11 0.00	26.68 -0.08 0.00	20.60 0.00 0.00
MAPLE_RIDGE_WT_2 323611	23.62 0.02 0.00	21.89 -0.03 0.00	20.94 -0.05 0.00	21.18 -0.02 0.00	20.44 0.04 0.00	16.17 0.03 0.00	20.94 0.05 0.00	22.41 0.01 0.00	20.58 0.00 0.00	20.40 -0.01 0.00	19.67 -0.10 0.00	18.90 -0.22 0.00	15.79 -0.28 0.00	18.74 -0.29 0.00	19.81 -0.24 0.00	19.17 -0.21 0.00	21.98 -0.17 0.00	27.82 -0.18 0.00	32.31 -0.20 0.00	38.80 -0.17 0.00	32.08 -0.09 0.00	33.47 -0.11 0.00	26.68 -0.08 0.00	20.60 0.00 0.00
MARBLE_RIVER_WT_PWR 323696	24.05 0.45 0.00	22.30 0.37 0.00	21.30 0.30 0.00	21.54 0.34 0.00	20.77 0.38 0.00	16.38 0.25 0.00	21.21 0.31 0.00	22.73 0.33 0.00	20.85 0.27 0.00	20.57 0.15 0.00	19.64 -0.13 0.00	19.05 -0.07 0.00	15.90 -0.16 0.00	18.90 -0.13 0.00	20.03 -0.02 0.00	19.41 0.03 0.00	22.32 0.17 0.00	28.46 0.45 0.00	33.03 0.53 0.00	39.68 0.71 0.00	32.71 0.54 0.00	34.13 0.55 0.00	27.16 0.40 0.00	20.97 0.36 0.00
MARSHVLE_115KV_TB1 80742	24.45 0.85 0.00	22.69 0.77 0.00	21.75 0.75 0.00	21.97 0.78 0.00	21.15 0.76 0.00	16.73 0.59 0.00	21.67 0.78 0.00	23.03 0.63 0.00	20.82 0.24 0.00	20.57 0.16 0.00	19.98 0.21 0.00	19.24 0.12 0.00	16.14 0.08 0.00	19.13 0.10 0.00	20.09 0.04 0.00	19.40 0.02 0.00	22.32 0.17 0.00	28.26 0.26 0.00	33.34 0.83 0.00	40.48 1.50 0.00	33.45 1.28 0.00	34.87 1.28 0.00	27.81 1.05 0.00	21.42 0.81 0.00
MARSH_HILL_WT_PWR 323713	22.75 -0.84 0.00	21.15 -0.77 0.00	20.54 -0.46 0.00	20.67 -0.52 0.00	19.89 -0.50 0.00	15.65 -0.48 0.00	20.47 -0.42 0.00	21.98 -0.42 0.00	19.98 -0.60 0.00	19.78 -0.63 0.00	19.28 -0.49 0.00	18.67 -0.45 0.00	15.64 -0.42 0.00	18.39 -0.64 0.00	19.31 -0.75 0.00	18.70 -0.68 0.00	21.36 -0.79 0.00	26.85 -1.15 0.00	31.77 -0.74 0.00	38.52 -0.45 0.00	31.74 -0.43 0.00	33.39 -0.19 0.00	26.65 -0.12 0.00	20.46 -0.14 0.00
MCINTYRE_115KV_TB2 80467	25.00 1.40 0.00	23.14 1.22 0.00	22.09 1.10 0.00	22.35 1.15 0.00	21.54 1.15 0.00	16.96 0.83 0.00	21.99 1.10 0.00	23.53 1.13 0.00	21.50 0.93 0.00	21.21 0.80 0.00	20.57 0.80 0.00	19.93 0.81 0.00	16.57 0.50 0.00	19.49 0.45 0.00	20.70 0.64 0.00	20.07 0.69 0.00	22.96 0.81 0.00	29.12 1.12 0.00	34.02 1.52 0.00	41.01 2.04 0.00	33.87 1.70 0.00	35.39 1.81 0.00	28.15 1.38 0.00	21.76 1.15 0.00
MECO_____69_KV_BK1 80468	24.70 1.11 0.00	22.92 1.00 0.00	21.94 0.95 0.00	22.15 0.95 0.00	21.31 0.92 0.00	16.87 0.74 0.00	21.86 0.97 0.00	23.27 0.87 0.00	20.91 0.34 0.00	20.49 0.07 0.00	19.77 0.01 0.00	19.12 0.00 0.00	16.22 0.16 0.00	19.23 0.20 0.00	20.23 0.17 0.00	19.59 0.21 0.00	22.68 0.53 0.00	28.67 0.67 0.00	33.74 1.23 0.00	41.03 2.06 0.00	33.93 1.76 0.00	35.35 1.77 0.00	28.14 1.38 0.00	21.62 1.02 0.00
MENANDS___115KV_TB5 355628	23.81 0.21 0.00	22.11 0.19 0.00	21.16 0.16 0.00	21.34 0.15 0.00	20.52 0.13 0.00	16.28 0.14 0.00	21.06 0.17 0.00	22.57 0.17 0.00	20.76 0.18 0.00	20.56 0.15 0.00	19.92 0.15 0.00	19.28 0.17 0.00	16.25 0.18 0.00	19.28 0.24 0.00	20.36 0.31 0.00	19.70 0.32 0.00	22.50 0.35 0.00	28.50 0.50 0.00	32.86 0.36 0.00	39.29 0.32 0.00	32.43 0.27 0.00	33.84 0.25 0.00	26.91 0.14 0.00	20.73 0.12 0.00
MG INDUSTRY___DRP 24185	23.86 0.26 0.00	22.16 0.24 0.00	21.22 0.22 0.00	21.42 0.22 0.00	20.60 0.21 0.00	16.33 0.19 0.00	21.12 0.23 0.00	22.60 0.20 0.00	20.69 0.11 0.00	20.48 0.06 0.00	19.84 0.07 0.00	19.20 0.08 0.00	16.19 0.12 0.00	19.19 0.15 0.00	20.27 0.22 0.00	19.59 0.21 0.00	22.42 0.27 0.00	28.41 0.41 0.00	32.94 0.43 0.00	39.44 0.47 0.00	32.55 0.38 0.00	33.94 0.36 0.00	27.01 0.25 0.00	20.80 0.19 0.00

MID___OSWEGATCHIE_HYD 23849	24.40 0.81 0.00	22.54 0.61 0.00	21.53 0.53 0.00	21.83 0.64 0.00	21.13 0.74 0.00	16.70 0.56 0.00	21.60 0.71 0.00	23.08 0.68 0.00	21.04 0.46 0.00	20.68 0.26 0.00	19.82 0.06 0.00	19.11 -0.02 0.00	15.91 -0.16 0.00	18.91 -0.13 0.00	19.94 -0.11 0.00	19.29 -0.09 0.00	22.31 0.16 0.00	28.40 0.39 0.00	33.13 0.62 0.00	39.93 0.96 0.00	33.02 0.85 0.00	34.53 0.95 0.00	27.57 0.81 0.00	21.36 0.75 0.00
MID___RAQUETTE_HYD 23851	24.54 0.94 0.00	22.70 0.78 0.00	21.68 0.69 0.00	21.95 0.75 0.00	21.17 0.78 0.00	16.68 0.54 0.00	21.60 0.71 0.00	23.12 0.73 0.00	21.18 0.60 0.00	20.94 0.53 0.00	20.21 0.44 0.00	19.55 0.43 0.00	16.30 0.24 0.00	19.30 0.26 0.00	20.40 0.34 0.00	19.75 0.37 0.00	22.68 0.53 0.00	28.74 0.74 0.00	33.42 0.92 0.00	40.20 1.23 0.00	33.21 1.04 0.00	34.71 1.13 0.00	27.63 0.86 0.00	21.37 0.76 0.00
MILLIKEN___1 23584	23.54 -0.05 0.00	21.90 -0.02 0.00	21.04 0.04 0.00	21.20 0.01 0.00	20.41 0.01 0.00	16.15 0.02 0.00	20.93 0.04 0.00	22.44 0.04 0.00	20.50 -0.08 0.00	20.25 -0.16 0.00	19.65 -0.12 0.00	19.04 -0.08 0.00	16.02 -0.05 0.00	18.91 -0.13 0.00	19.88 -0.17 0.00	19.19 -0.19 0.00	21.89 -0.26 0.00	27.69 -0.31 0.00	32.50 0.00 0.00	39.22 0.25 0.00	32.36 0.19 0.00	33.82 0.23 0.00	26.94 0.18 0.00	20.68 0.07 0.00
MILLIKEN___2 23585	23.54 -0.05 0.00	21.90 -0.02 0.00	21.04 0.04 0.00	21.20 0.01 0.00	20.41 0.01 0.00	16.15 0.02 0.00	20.93 0.04 0.00	22.44 0.04 0.00	20.50 -0.08 0.00	20.25 -0.16 0.00	19.65 -0.12 0.00	19.04 -0.08 0.00	16.02 -0.05 0.00	18.91 -0.13 0.00	19.88 -0.17 0.00	19.19 -0.19 0.00	21.89 -0.26 0.00	27.69 -0.31 0.00	32.50 0.00 0.00	39.22 0.25 0.00	32.36 0.19 0.00	33.82 0.23 0.00	26.94 0.18 0.00	20.68 0.07 0.00
MILLIKEN___DIESEL 23629	23.54 -0.05 0.00	21.90 -0.02 0.00	21.04 0.04 0.00	21.20 0.01 0.00	20.41 0.01 0.00	16.15 0.02 0.00	20.93 0.04 0.00	22.44 0.04 0.00	20.50 -0.08 0.00	20.25 -0.16 0.00	19.65 -0.12 0.00	19.04 -0.08 0.00	16.02 -0.05 0.00	18.91 -0.13 0.00	19.88 -0.17 0.00	19.19 -0.19 0.00	21.89 -0.26 0.00	27.69 -0.31 0.00	32.50 0.00 0.00	39.22 0.25 0.00	32.36 0.19 0.00	33.82 0.23 0.00	26.94 0.18 0.00	20.68 0.07 0.00
MILLSEAT___LFGE 323607	23.23 -0.37 0.00	21.73 -0.20 0.00	21.15 0.15 0.00	21.32 0.13 0.00	20.38 -0.01 0.00	15.96 -0.17 0.00	20.70 -0.20 0.00	22.14 -0.25 0.00	20.29 -0.29 0.00	20.03 -0.38 0.00	19.55 -0.22 0.00	19.07 -0.05 0.00	15.96 -0.11 0.00	18.73 -0.30 0.00	19.55 -0.50 0.00	18.91 -0.47 0.00	21.66 -0.49 0.00	26.85 -1.15 0.00	31.45 -1.05 0.00	38.00 -0.97 0.00	31.38 -0.78 0.00	32.96 -0.63 0.00	26.42 -0.34 0.00	20.57 -0.04 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	24.27 0.67 0.00	22.43 0.51 0.00	21.45 0.45 0.00	21.58 0.39 0.00	20.77 0.38 0.00	16.52 0.38 0.00	21.32 0.42 0.00	22.91 0.51 0.00	21.18 0.60 0.00	21.07 0.65 0.00	20.50 0.73 0.00	19.78 0.66 0.00	16.71 0.64 0.00	19.83 0.79 0.00	20.97 0.91 0.00	20.31 0.93 0.00	23.20 1.05 0.00	29.31 1.30 0.00	33.93 1.43 0.00	40.41 1.44 0.00	33.30 1.13 0.00	34.63 1.05 0.00	27.61 0.84 0.00	21.16 0.55 0.00
MILLWOOD_13_KV_LOAD 356217	24.30 0.70 0.00	22.46 0.54 0.00	21.47 0.47 0.00	21.61 0.41 0.00	20.80 0.41 0.00	16.54 0.40 0.00	21.34 0.45 0.00	22.94 0.54 0.00	21.20 0.62 0.00	21.09 0.68 0.00	20.52 0.75 0.00	19.80 0.68 0.00	16.73 0.66 0.00	19.85 0.82 0.00	21.00 0.94 0.00	20.33 0.96 0.00	23.24 1.09 0.00	29.36 1.36 0.00	33.98 1.47 0.00	40.48 1.51 0.00	33.36 1.19 0.00	34.68 1.10 0.00	27.65 0.89 0.00	21.19 0.58 0.00
MODEL_CITY_ENERGY 24167	22.64 -0.95 0.00	21.21 -0.71 0.00	20.69 -0.31 0.00	20.87 -0.32 0.00	19.94 -0.45 0.00	15.60 -0.54 0.00	20.19 -0.70 0.00	21.60 -0.80 0.00	19.89 -0.68 0.00	19.75 -0.67 0.00	19.31 -0.46 0.00	18.79 -0.33 0.00	15.73 -0.34 0.00	18.46 -0.57 0.00	19.29 -0.76 0.00	18.68 -0.70 0.00	21.21 -0.95 0.00	26.31 -1.70 0.00	30.59 -1.91 0.00	36.77 -2.20 0.00	30.36 -1.81 0.00	31.95 -1.63 0.00	25.69 -1.07 0.00	20.07 -0.53 0.00
MODERN_LFGE___ 323580	22.64 -0.95 0.00	21.21 -0.71 0.00	20.69 -0.31 0.00	20.87 -0.32 0.00	19.94 -0.45 0.00	15.60 -0.54 0.00	20.19 -0.70 0.00	21.60 -0.80 0.00	19.89 -0.68 0.00	19.75 -0.67 0.00	19.31 -0.46 0.00	18.79 -0.33 0.00	15.73 -0.34 0.00	18.46 -0.57 0.00	19.29 -0.76 0.00	18.68 -0.70 0.00	21.21 -0.95 0.00	26.31 -1.70 0.00	30.59 -1.91 0.00	36.77 -2.20 0.00	30.36 -1.81 0.00	31.95 -1.63 0.00	25.69 -1.07 0.00	20.07 -0.53 0.00
MOHAWK_PAPER___DRP 24187	23.95 0.36 0.00	22.24 0.32 0.00	21.28 0.29 0.00	21.47 0.28 0.00	20.64 0.25 0.00	16.37 0.23 0.00	21.18 0.29 0.00	22.70 0.30 0.00	20.86 0.28 0.00	20.65 0.24 0.00	20.00 0.23 0.00	19.36 0.24 0.00	16.31 0.25 0.00	19.37 0.33 0.00	20.46 0.40 0.00	19.79 0.41 0.00	22.60 0.45 0.00	28.66 0.66 0.00	33.08 0.58 0.00	39.58 0.61 0.00	32.66 0.50 0.00	34.07 0.49 0.00	27.10 0.33 0.00	20.86 0.26 0.00
MOHICAN___35_KV_115KV_LD 80490	24.94 1.34 0.00	23.15 1.22 0.00	22.14 1.15 0.00	22.35 1.16 0.00	21.47 1.08 0.00	17.02 0.89 0.00	22.08 1.19 0.00	23.67 1.28 0.00	21.61 1.03 0.00	21.30 0.89 0.00	20.46 0.69 0.00	19.87 0.75 0.00	16.74 0.68 0.00	19.90 0.86 0.00	21.00 0.95 0.00	20.39 1.01 0.00	23.41 1.26 0.00	29.94 1.94 0.00	34.62 2.12 0.00	41.60 2.63 0.00	34.29 2.12 0.00	35.72 2.14 0.00	28.34 1.58 0.00	21.71 1.11 0.00
MONGAUP___HYD 23641	24.28 0.68 0.00	22.45 0.53 0.00	21.47 0.47 0.00	21.61 0.41 0.00	20.80 0.41 0.00	16.52 0.38 0.00	21.35 0.46 0.00	22.92 0.52 0.00	21.01 0.43 0.00	20.74 0.32 0.00	20.11 0.34 0.00	19.41 0.28 0.00	16.29 0.23 0.00	19.34 0.30 0.00	20.44 0.38 0.00	19.89 0.51 0.00	22.75 0.60 0.00	28.79 0.79 0.00	33.71 1.21 0.00	40.48 1.51 0.00	33.40 1.23 0.00	34.75 1.17 0.00	27.68 0.92 0.00	21.21 0.60 0.00
MONTAUK___DIESEL 23721	25.25 1.66 0.00	22.95 1.02 0.00	21.86 0.86 0.00	22.18 0.98 0.00	21.21 0.82 0.00	16.79 0.66 0.00	21.84 0.95 0.00	23.49 1.09 0.00	21.69 1.11 0.00	21.73 1.32 0.00	21.36 1.59 0.00	20.67 1.55 0.00	17.35 1.29 0.00	20.59 1.55 0.00	21.90 1.84 0.00	21.33 1.95 0.00	24.57 2.41 -0.01	31.02 3.02 0.00	35.78 3.28 0.00	42.12 3.15 0.00	34.38 2.21 0.00	35.60 2.02 0.00	28.47 1.71 0.00	21.87 1.27 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.18 -0.41 0.00	21.62 -0.30 0.00	21.11 0.11 0.00	21.26 0.07 0.00	20.41 0.02 0.00	16.04 -0.09 0.00	20.85 -0.04 0.00	22.46 0.07 0.00	20.58 0.01 0.00	20.45 0.03 0.00	19.99 0.22 0.00	19.33 0.21 0.00	16.14 0.08 0.00	18.88 -0.16 0.00	19.76 -0.29 0.00	19.20 -0.18 0.00	21.89 -0.26 0.00	27.35 -0.65 0.00	31.99 -0.51 0.00	38.47 -0.50 0.00	31.50 -0.67 0.00	33.11 -0.47 0.00	26.52 -0.25 0.00	20.54 -0.06 0.00

MORRIS_RIDGE___SOLAR 323848	22.79 -0.81 0.00	21.27 -0.66 0.00	20.65 -0.34 0.00	20.79 -0.41 0.00	19.94 -0.45 0.00	15.70 -0.43 0.00	20.43 -0.46 0.00	21.85 -0.55 0.00	19.82 -0.76 0.00	19.61 -0.80 0.00	19.13 -0.64 0.00	18.64 -0.48 0.00	15.63 -0.44 0.00	18.32 -0.71 0.00	19.22 -0.83 0.00	18.58 -0.79 0.00	21.15 -1.00 0.00	26.48 -1.52 0.00	31.31 -1.19 0.00	37.98 -0.99 0.00	31.29 -0.88 0.00	32.88 -0.70 0.00	26.28 -0.49 0.00	20.27 -0.34 0.00
MORTIMER_115KV_TB3 55949	23.15 -0.45 0.00	21.63 -0.29 0.00	20.93 -0.06 0.00	21.12 -0.07 0.00	20.22 -0.16 0.00	15.90 -0.23 0.00	20.61 -0.28 0.00	22.09 -0.31 0.00	20.27 -0.31 0.00	20.12 -0.29 0.00	19.62 -0.15 0.00	19.07 -0.06 0.00	15.98 -0.08 0.00	18.81 -0.22 0.00	19.71 -0.34 0.00	19.05 -0.33 0.00	21.65 -0.50 0.00	27.21 -0.79 0.00	31.75 -0.75 0.00	38.16 -0.82 0.00	31.48 -0.69 0.00	32.97 -0.62 0.00	26.35 -0.41 0.00	20.41 -0.20 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	24.38 0.78 0.00	22.52 0.60 0.00	21.54 0.55 0.00	21.66 0.47 0.00	20.86 0.47 0.00	16.59 0.46 0.00	21.40 0.51 0.00	23.01 0.61 0.00	21.30 0.72 0.00	21.21 0.80 0.00	20.66 0.89 0.00	19.94 0.82 0.00	16.85 0.78 0.00	19.98 0.94 0.00	21.13 1.08 0.00	20.47 1.09 0.00	23.37 1.22 0.00	29.51 1.51 0.00	34.14 1.64 0.00	40.61 1.63 0.00	33.48 1.32 0.00	34.80 1.22 0.00	27.74 0.98 0.00	21.26 0.66 0.00
MUNSVILLE_WIND_PWR 323609	24.57 0.98 0.00	22.70 0.77 0.00	21.83 0.84 0.00	21.98 0.78 0.00	21.13 0.73 0.00	16.75 0.61 0.00	21.71 0.82 0.00	23.29 0.89 0.00	21.24 0.66 0.00	20.90 0.49 0.00	20.20 0.43 0.00	19.52 0.39 0.00	16.40 0.33 0.00	19.36 0.32 0.00	20.36 0.30 0.00	19.55 0.17 0.00	22.36 0.21 0.00	28.59 0.59 0.00	33.88 1.37 0.00	41.23 2.26 0.00	33.96 1.79 0.00	35.51 1.92 0.00	28.25 1.49 0.00	21.57 0.96 0.00
N SALMON___HYD 24042	24.44 0.85 0.00	22.63 0.71 0.00	21.60 0.61 0.00	21.85 0.66 0.00	21.07 0.68 0.00	16.60 0.46 0.00	21.50 0.61 0.00	23.06 0.66 0.00	21.17 0.60 0.00	20.93 0.51 0.00	20.04 0.27 0.00	19.43 0.31 0.00	16.23 0.17 0.00	19.26 0.23 0.00	20.38 0.33 0.00	19.70 0.32 0.00	22.69 0.54 0.00	28.87 0.87 0.00	33.54 1.04 0.00	40.36 1.39 0.00	33.29 1.13 0.00	34.75 1.16 0.00	27.62 0.86 0.00	21.32 0.72 0.00
N.AKRON___115KV_KNAPP 355671	23.19 -0.41 0.00	21.70 -0.22 0.00	21.12 0.12 0.00	21.29 0.10 0.00	20.36 -0.04 0.00	15.94 -0.19 0.00	20.66 -0.23 0.00	22.11 -0.28 0.00	20.28 -0.29 0.00	20.05 -0.36 0.00	19.56 -0.21 0.00	19.09 -0.04 0.00	15.97 -0.10 0.00	18.73 -0.30 0.00	19.56 -0.49 0.00	18.94 -0.44 0.00	21.92 -0.24 0.00	26.85 -1.15 0.00	31.39 -1.11 0.00	37.89 -1.08 0.00	31.30 -0.87 0.00	32.88 -0.71 0.00	26.37 -0.39 0.00	20.53 -0.08 0.00
N.E_GEN_SANDY PD 24062	24.01 0.41 0.00	22.28 0.35 0.00	21.31 0.32 0.00	21.50 0.31 0.00	20.67 0.28 0.00	16.40 0.27 0.00	21.23 0.33 0.00	22.83 0.38 -0.05	21.02 0.42 -0.03	20.81 0.40 0.00	20.18 0.40 0.00	19.49 0.37 0.00	16.41 0.35 0.00	19.50 0.46 0.00	20.60 0.54 0.00	19.93 0.56 0.00	22.78 0.64 0.00	28.92 0.87 -0.04	32.93 0.75 0.32	39.75 0.78 0.00	32.38 0.64 0.42	34.58 0.63 -0.37	27.20 0.44 0.00	20.88 0.27 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.28 0.69 0.00	22.43 0.51 0.00	21.45 0.45 0.00	21.59 0.39 0.00	20.78 0.39 0.00	16.52 0.39 0.00	21.33 0.44 0.00	22.92 0.52 0.00	21.17 0.59 0.00	21.06 0.64 0.00	20.48 0.71 0.00	19.78 0.66 0.00	16.72 0.65 0.00	19.84 0.80 0.00	20.98 0.92 0.00	20.31 0.93 0.00	23.21 1.06 0.00	29.32 1.32 0.00	33.95 1.45 0.00	40.46 1.49 0.00	33.32 1.16 0.00	34.64 1.05 0.00	27.63 0.87 0.00	21.17 0.56 0.00
N.QUEENS_27_KV_LOAD 356247	24.46 0.86 0.00	22.57 0.64 0.00	21.51 0.52 0.00	21.62 0.42 0.00	20.83 0.43 0.00	16.58 0.44 0.00	21.32 0.43 0.00	22.99 0.59 0.00	21.28 0.70 0.00	21.18 0.77 0.00	20.65 0.88 0.00	19.96 0.84 0.00	16.84 0.77 0.00	19.96 0.92 0.00	21.13 1.08 0.00	20.45 1.08 0.00	23.35 1.21 0.00	29.49 1.49 0.00	34.16 1.66 0.00	40.66 1.69 0.00	33.55 1.38 0.00	34.84 1.26 0.00	27.82 1.06 0.00	21.32 0.72 0.00
N.TROY___115KV_TB1 355778	24.12 0.52 0.00	22.39 0.47 0.00	21.43 0.43 0.00	21.63 0.44 0.00	20.79 0.40 0.00	16.48 0.35 0.00	21.34 0.45 0.00	22.88 0.48 0.00	21.01 0.44 0.00	20.79 0.38 0.00	20.09 0.32 0.00	19.45 0.32 0.00	16.38 0.31 0.00	19.45 0.42 0.00	20.54 0.49 0.00	19.89 0.51 0.00	22.74 0.59 0.00	28.86 0.86 0.00	33.29 0.79 0.00	39.90 0.93 0.00	32.93 0.76 0.00	34.37 0.79 0.00	27.33 0.56 0.00	21.00 0.39 0.00
NARROWS_GT1_1 24228	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
NARROWS_GT1_2 24229	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
NARROWS_GT1_3 24230	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
NARROWS_GT1_4 24231	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
NARROWS_GT1_5 24232	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00

NARROWS_GT1_6 24233	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
NARROWS_GT1_7 24234	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
NARROWS_GT1_8 24235	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
NARROWS_GT2_1 24236	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
NARROWS_GT2_2 24237	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
NARROWS_GT2_3 24238	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
NARROWS_GT2_4 24239	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
NARROWS_GT2_5 24240	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
NARROWS_GT2_6 24241	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
NARROWS_GT2_7 24242	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
NARROWS_GT2_8 24243	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.13 0.54 0.00	22.40 0.47 0.00	21.43 0.44 0.00	21.62 0.42 0.00	20.79 0.40 0.00	16.49 0.35 0.00	21.35 0.46 0.00	22.89 0.49 0.00	20.92 0.34 0.00	20.61 0.20 0.00	19.94 0.17 0.00	19.30 0.19 0.00	16.30 0.24 0.00	19.30 0.27 0.00	20.38 0.33 0.00	19.75 0.37 0.00	22.57 0.43 0.00	28.66 0.66 0.00	33.34 0.84 0.00	40.05 1.08 0.00	33.07 0.91 0.00	34.46 0.88 0.00	27.36 0.60 0.00	21.05 0.44 0.00
NCHELSEA_115KV_TR2 355582	24.40 0.80 0.00	22.56 0.64 0.00	21.57 0.58 0.00	21.71 0.52 0.00	20.89 0.50 0.00	16.60 0.47 0.00	21.45 0.56 0.00	23.05 0.66 0.00	21.27 0.70 0.00	21.14 0.72 0.00	20.54 0.77 0.00	19.83 0.71 0.00	16.75 0.68 0.00	19.88 0.84 0.00	21.01 0.95 0.00	20.35 0.97 0.00	23.29 1.14 0.00	29.47 1.47 0.00	34.13 1.63 0.00	40.70 1.73 0.00	33.55 1.38 0.00	34.89 1.30 0.00	27.78 1.02 0.00	21.27 0.67 0.00
NEG CAPITAL___MECHNVIL 23645	24.53 0.93 0.00	22.77 0.85 0.00	21.79 0.79 0.00	21.99 0.79 0.00	21.13 0.74 0.00	16.75 0.61 0.00	21.70 0.81 0.00	23.26 0.87 0.00	21.30 0.72 0.00	21.04 0.63 0.00	20.31 0.54 0.00	19.69 0.57 0.00	16.59 0.53 0.00	19.71 0.68 0.00	20.79 0.73 0.00	20.16 0.78 0.00	23.08 0.93 0.00	29.36 1.36 0.00	33.98 1.48 0.00	40.75 1.78 0.00	33.63 1.46 0.00	35.06 1.48 0.00	27.86 1.10 0.00	21.37 0.77 0.00
NEG CENTRAL_HIGH_ACRES 23767	22.74 -0.86 0.00	21.23 -0.69 0.00	20.50 -0.49 0.00	20.68 -0.52 0.00	19.83 -0.56 0.00	15.62 -0.52 0.00	20.24 -0.65 0.00	21.69 -0.71 0.00	19.90 -0.68 0.00	19.73 -0.68 0.00	19.22 -0.55 0.00	18.68 -0.45 0.00	15.66 -0.41 0.00	18.44 -0.59 0.00	19.34 -0.72 0.00	18.68 -0.70 0.00	21.23 -0.92 0.00	26.76 -1.24 0.00	31.26 -1.25 0.00	37.56 -1.41 0.00	30.97 -1.20 0.00	32.41 -1.17 0.00	25.89 -0.88 0.00	20.03 -0.58 0.00



NEG CENTRAL___DRP 24199	23.24 -0.36 0.00	21.66 -0.26 0.00	20.80 -0.20 0.00	20.94 -0.25 0.00	20.20 -0.20 0.00	15.97 -0.17 0.00	20.70 -0.19 0.00	22.20 -0.19 0.00	20.28 -0.29 0.00	20.05 -0.36 0.00	19.49 -0.28 0.00	18.91 -0.21 0.00	15.90 -0.17 0.00	18.76 -0.28 0.00	19.68 -0.37 0.00	19.00 -0.37 0.00	21.67 -0.49 0.00	27.34 -0.66 0.00	32.02 -0.49 0.00	38.60 -0.37 0.00	31.82 -0.34 0.00	33.35 -0.23 0.00	26.60 -0.17 0.00	20.45 -0.16 0.00
NEG CENTRAL___INDECK 23768	23.69 0.10 0.00	22.09 0.17 0.00	21.39 0.39 0.00	21.55 0.36 0.00	20.67 0.28 0.00	16.26 0.12 0.00	21.15 0.26 0.00	22.66 0.26 0.00	20.54 -0.04 0.00	20.22 -0.20 0.00	19.69 -0.08 0.00	19.24 0.12 0.00	16.11 0.05 0.00	18.95 -0.08 0.00	19.85 -0.20 0.00	19.18 -0.20 0.00	21.79 -0.36 0.00	27.41 -0.59 0.00	32.36 -0.14 0.00	39.36 0.39 0.00	32.60 0.44 0.00	34.16 0.58 0.00	27.27 0.50 0.00	21.02 0.41 0.00
NEG CENTRAL___SENECA 23627	23.26 -0.34 0.00	21.67 -0.25 0.00	20.80 -0.19 0.00	20.93 -0.27 0.00	20.23 -0.16 0.00	15.97 -0.16 0.00	20.73 -0.16 0.00	22.25 -0.15 0.00	20.30 -0.28 0.00	20.05 -0.36 0.00	19.49 -0.28 0.00	18.92 -0.20 0.00	15.90 -0.16 0.00	18.75 -0.28 0.00	19.67 -0.38 0.00	19.02 -0.35 0.00	21.66 -0.49 0.00	27.33 -0.67 0.00	32.03 -0.47 0.00	38.65 -0.32 0.00	31.84 -0.32 0.00	33.45 -0.14 0.00	26.66 -0.10 0.00	20.50 -0.11 0.00
NEG CENTRAL___STATE_STREET 24147	23.32 -0.27 0.00	21.74 -0.18 0.00	20.88 -0.12 0.00	21.05 -0.14 0.00	20.26 -0.13 0.00	16.03 -0.11 0.00	20.76 -0.13 0.00	22.25 -0.14 0.00	20.35 -0.22 0.00	20.14 -0.27 0.00	19.61 -0.16 0.00	19.02 -0.10 0.00	16.00 -0.07 0.00	18.85 -0.19 0.00	19.78 -0.28 0.00	19.07 -0.31 0.00	21.82 -0.33 0.00	27.48 -0.52 0.00	32.25 -0.25 0.00	38.83 -0.14 0.00	32.03 -0.13 0.00	33.49 -0.09 0.00	26.71 -0.06 0.00	20.49 -0.12 0.00
NEG MILLWOOD___DRP 24198	24.45 0.85 0.00	22.60 0.68 0.00	21.61 0.62 0.00	21.75 0.56 0.00	20.93 0.53 0.00	16.63 0.50 0.00	21.48 0.59 0.00	23.10 0.70 0.00	21.34 0.77 0.00	21.22 0.80 0.00	20.64 0.87 0.00	19.92 0.80 0.00	16.82 0.76 0.00	19.97 0.93 0.00	21.11 1.06 0.00	20.45 1.08 0.00	23.39 1.24 0.00	29.58 1.58 0.00	34.25 1.74 0.00	40.80 1.83 0.00	33.63 1.46 0.00	34.96 1.38 0.00	27.83 1.07 0.00	21.31 0.71 0.00
NEG NORTH_FLCN_SEA 23793	24.26 0.67 0.00	22.50 0.58 0.00	21.50 0.50 0.00	21.74 0.54 0.00	20.96 0.57 0.00	16.56 0.42 0.00	21.45 0.56 0.00	22.99 0.59 0.00	21.08 0.51 0.00	20.80 0.38 0.00	19.88 0.11 0.00	19.27 0.15 0.00	16.08 0.02 0.00	19.10 0.07 0.00	20.26 0.20 0.00	19.60 0.22 0.00	22.54 0.39 0.00	28.79 0.79 0.00	33.36 0.86 0.00	40.08 1.11 0.00	33.04 0.88 0.00	34.47 0.88 0.00	27.43 0.66 0.00	21.16 0.55 0.00
NEG NORTH_KES_CHATEGAY 23792	24.12 0.52 0.00	22.35 0.43 0.00	21.34 0.34 0.00	21.58 0.38 0.00	20.80 0.41 0.00	16.40 0.27 0.00	21.24 0.34 0.00	22.75 0.35 0.00	20.87 0.30 0.00	20.59 0.18 0.00	19.66 -0.12 0.00	19.07 -0.06 0.00	15.92 -0.14 0.00	18.91 -0.13 0.00	20.03 -0.02 0.00	19.41 0.03 0.00	22.33 0.18 0.00	28.48 0.48 0.00	33.08 0.58 0.00	39.75 0.78 0.00	32.81 0.64 0.00	34.24 0.66 0.00	27.23 0.47 0.00	21.03 0.42 0.00
NEG NORTH___ALICE_FALLS 23915	24.33 0.73 0.00	22.55 0.62 0.00	21.53 0.54 0.00	21.77 0.58 0.00	20.99 0.60 0.00	16.57 0.43 0.00	21.47 0.58 0.00	23.00 0.60 0.00	21.11 0.53 0.00	20.85 0.43 0.00	19.92 0.15 0.00	19.30 0.19 0.00	16.12 0.05 0.00	19.12 0.09 0.00	20.27 0.22 0.00	19.59 0.22 0.00	22.56 0.41 0.00	28.83 0.83 0.00	33.44 0.93 0.00	40.20 1.23 0.00	33.15 0.98 0.00	34.58 0.99 0.00	27.50 0.74 0.00	21.22 0.61 0.00
NEG NORTH___LWR_SARANAC 23913	24.33 0.73 0.00	22.55 0.62 0.00	21.53 0.54 0.00	21.77 0.58 0.00	20.99 0.60 0.00	16.57 0.43 0.00	21.47 0.58 0.00	23.00 0.60 0.00	21.11 0.53 0.00	20.85 0.43 0.00	19.92 0.15 0.00	19.30 0.19 0.00	16.12 0.05 0.00	19.12 0.09 0.00	20.27 0.22 0.00	19.59 0.22 0.00	22.56 0.41 0.00	28.83 0.83 0.00	33.44 0.93 0.00	40.20 1.23 0.00	33.15 0.98 0.00	34.58 0.99 0.00	27.50 0.74 0.00	21.22 0.61 0.00
NEG NORTH___PLATTSBURG 23628	24.33 0.73 0.00	22.54 0.62 0.00	21.53 0.54 0.00	21.77 0.58 0.00	20.99 0.60 0.00	16.57 0.43 0.00	21.47 0.58 0.00	23.00 0.60 0.00	21.11 0.53 0.00	20.85 0.43 0.00	19.92 0.15 0.00	19.31 0.19 0.00	16.12 0.05 0.00	19.13 0.09 0.00	20.27 0.22 0.00	19.59 0.22 0.00	22.56 0.41 0.00	28.83 0.83 0.00	33.44 0.93 0.00	40.20 1.23 0.00	33.15 0.98 0.00	34.58 0.99 0.00	27.50 0.74 0.00	21.22 0.61 0.00
NEG WEST_LEA_LOCKPORT 23791	22.81 -0.79 0.00	21.36 -0.57 0.00	20.83 -0.16 0.00	21.02 -0.18 0.00	20.07 -0.32 0.00	15.70 -0.44 0.00	20.34 -0.55 0.00	21.76 -0.64 0.00	20.02 -0.56 0.00	19.87 -0.55 0.00	19.43 -0.34 0.00	18.90 -0.22 0.00	15.82 -0.24 0.00	18.58 -0.45 0.00	19.40 -0.65 0.00	18.79 -0.59 0.00	21.36 -0.79 0.00	26.49 -1.52 0.00	30.84 -1.66 0.00	37.10 -1.88 0.00	30.61 -1.56 0.00	32.21 -1.37 0.00	25.89 -0.87 0.00	20.21 -0.39 0.00
NEG WEST___LANCASTR 23811	22.70 -0.89 0.00	21.24 -0.68 0.00	20.67 -0.33 0.00	20.83 -0.36 0.00	19.94 -0.45 0.00	15.65 -0.49 0.00	20.31 -0.58 0.00	21.79 -0.61 0.00	20.03 -0.54 0.00	19.91 -0.50 0.00	19.46 -0.31 0.00	18.88 -0.24 0.00	15.81 -0.26 0.00	18.56 -0.47 0.00	19.42 -0.63 0.00	18.81 -0.56 0.00	21.40 -0.75 0.00	26.67 -1.33 0.00	31.09 -1.42 0.00	37.34 -1.63 0.00	30.72 -1.44 0.00	32.33 -1.25 0.00	25.89 -0.87 0.00	20.08 -0.52 0.00
NEG_PENN_ALLEGHNY 23528	23.36 -0.24 0.00	21.73 -0.20 0.00	20.89 -0.10 0.00	21.04 -0.16 0.00	20.25 -0.14 0.00	16.03 -0.11 0.00	20.78 -0.11 0.00	22.31 -0.09 0.00	20.46 -0.12 0.00	20.31 -0.11 0.00	19.74 -0.03 0.00	19.09 -0.03 0.00	16.03 -0.03 0.00	18.95 -0.08 0.00	19.93 -0.13 0.00	19.27 -0.10 0.00	22.03 -0.12 0.00	27.80 -0.20 0.00	32.44 -0.07 0.00	38.92 -0.05 0.00	32.02 -0.14 0.00	33.49 -0.09 0.00	26.70 -0.07 0.00	20.50 -0.11 0.00
NEG___GEN_MONROE 24207	23.29 -0.31 0.00	21.77 -0.15 0.00	21.08 0.08 0.00	21.28 0.08 0.00	20.37 -0.02 0.00	16.02 -0.12 0.00	20.75 -0.14 0.00	22.23 -0.16 0.00	20.35 -0.22 0.00	20.16 -0.26 0.00	19.63 -0.14 0.00	19.12 0.00 0.00	16.02 -0.04 0.00	18.84 -0.19 0.00	19.73 -0.33 0.00	19.06 -0.31 0.00	21.70 -0.45 0.00	27.23 -0.77 0.00	31.84 -0.66 0.00	38.37 -0.60 0.00	31.66 -0.51 0.00	33.17 -0.41 0.00	26.52 -0.25 0.00	20.55 -0.06 0.00
NEPA___ENERGY 23901	22.75 -0.84 0.00	21.24 -0.68 0.00	20.66 -0.33 0.00	20.79 -0.40 0.00	19.98 -0.41 0.00	15.72 -0.41 0.00	20.43 -0.46 0.00	21.95 -0.45 0.00	20.15 -0.43 0.00	20.04 -0.38 0.00	19.59 -0.18 0.00	18.95 -0.17 0.00	15.86 -0.20 0.00	18.64 -0.40 0.00	19.53 -0.52 0.00	18.96 -0.42 0.00	21.62 -0.54 0.00	26.96 -1.04 0.00	31.53 -0.98 0.00	37.86 -1.11 0.00	30.98 -1.19 0.00	32.64 -0.95 0.00	26.11 -0.65 0.00	20.14 -0.47 0.00

NEVERSINK___HYD 23608	23.98 0.38 0.00	22.17 0.25 0.00	21.19 0.20 0.00	21.34 0.14 0.00	20.54 0.15 0.00	16.32 0.18 0.00	21.08 0.20 0.00	22.66 0.26 0.00	20.88 0.30 0.00	20.68 0.27 0.00	20.06 0.29 0.00	19.36 0.24 0.00	16.34 0.28 0.00	19.25 0.22 0.00	19.85 -0.20 0.00	19.23 -0.14 0.00	22.08 -0.07 0.00	27.96 -0.04 0.00	32.53 0.02 0.00	38.90 -0.07 0.00	32.18 0.01 0.00	34.33 0.75 0.00	27.37 0.61 0.00	20.96 0.36 0.00
NEWKRMKL_115KV_TB1 55635	23.72 0.12 0.00	22.02 0.10 0.00	21.07 0.08 0.00	21.25 0.06 0.00	20.44 0.05 0.00	16.21 0.08 0.00	20.98 0.08 0.00	22.48 0.09 0.00	20.66 0.09 0.00	20.47 0.06 0.00	19.84 0.07 0.00	19.21 0.09 0.00	16.19 0.12 0.00	19.21 0.17 0.00	20.28 0.23 0.00	19.62 0.24 0.00	22.42 0.27 0.00	28.36 0.36 0.00	32.75 0.25 0.00	39.17 0.20 0.00	32.33 0.16 0.00	33.71 0.12 0.00	26.81 0.05 0.00	20.67 0.06 0.00
NEWTON___FALLS_HYD 23847	24.40 0.81 0.00	22.54 0.61 0.00	21.53 0.53 0.00	21.83 0.64 0.00	21.13 0.74 0.00	16.70 0.56 0.00	21.60 0.71 0.00	23.08 0.68 0.00	21.04 0.46 0.00	20.68 0.26 0.00	19.82 0.06 0.00	19.11 -0.02 0.00	15.91 -0.16 0.00	18.91 -0.13 0.00	19.94 -0.11 0.00	19.29 -0.09 0.00	22.31 0.16 0.00	28.40 0.39 0.00	33.13 0.62 0.00	39.93 0.96 0.00	33.02 0.85 0.00	34.53 0.95 0.00	27.57 0.81 0.00	21.36 0.75 0.00
NGRID_A1_DSASP 323792	22.59 -1.01 0.00	21.22 -0.71 0.00	20.70 -0.29 0.00	20.89 -0.30 0.00	19.93 -0.46 0.00	15.58 -0.55 0.00	20.18 -0.71 0.00	21.51 -0.89 0.00	19.80 -0.78 0.00	19.68 -0.73 0.00	19.25 -0.52 0.00	18.72 -0.40 0.00	15.67 -0.39 0.00	18.41 -0.63 0.00	19.24 -0.82 0.00	18.63 -0.75 0.00	21.11 -1.04 0.00	26.19 -1.81 0.00	30.40 -2.10 0.00	36.51 -2.46 0.00	30.12 -2.05 0.00	31.70 -1.88 0.00	25.50 -1.26 0.00	20.05 -0.56 0.00
NGRID_A2_DSASP 323793	22.59 -1.01 0.00	21.22 -0.71 0.00	20.70 -0.29 0.00	20.89 -0.30 0.00	19.93 -0.46 0.00	15.58 -0.55 0.00	20.18 -0.71 0.00	21.51 -0.89 0.00	19.80 -0.78 0.00	19.68 -0.73 0.00	19.25 -0.52 0.00	18.72 -0.40 0.00	15.67 -0.39 0.00	18.41 -0.63 0.00	19.24 -0.82 0.00	18.63 -0.75 0.00	21.11 -1.04 0.00	26.19 -1.81 0.00	30.40 -2.10 0.00	36.51 -2.46 0.00	30.12 -2.05 0.00	31.70 -1.88 0.00	25.50 -1.26 0.00	20.05 -0.56 0.00
NGRID_A4_DSASP 323807	22.59 -1.01 0.00	21.22 -0.71 0.00	20.70 -0.29 0.00	20.89 -0.30 0.00	19.93 -0.46 0.00	15.58 -0.55 0.00	20.18 -0.71 0.00	21.51 -0.89 0.00	19.80 -0.78 0.00	19.68 -0.73 0.00	19.25 -0.52 0.00	18.72 -0.40 0.00	15.67 -0.39 0.00	18.41 -0.63 0.00	19.24 -0.82 0.00	18.63 -0.75 0.00	21.11 -1.04 0.00	26.19 -1.81 0.00	30.40 -2.10 0.00	36.51 -2.46 0.00	30.12 -2.05 0.00	31.70 -1.88 0.00	25.50 -1.26 0.00	20.05 -0.56 0.00
NIAGARA_115E_LBMP 323715	22.55 -1.04 0.00	21.12 -0.80 0.00	20.60 -0.39 0.00	20.79 -0.40 0.00	19.87 -0.52 0.00	15.53 -0.60 0.00	20.11 -0.78 0.00	21.51 -0.88 0.00	19.82 -0.75 0.00	19.69 -0.73 0.00	19.25 -0.52 0.00	18.73 -0.39 0.00	15.68 -0.38 0.00	18.41 -0.62 0.00	19.23 -0.82 0.00	18.62 -0.76 0.00	21.12 -1.03 0.00	26.20 -1.80 0.00	30.45 -2.05 0.00	36.59 -2.38 0.00	30.20 -1.97 0.00	31.79 -1.79 0.00	25.58 -1.18 0.00	19.99 -0.61 0.00
NIAGARA_115W_LBMP 323714	22.55 -1.05 0.00	21.19 -0.74 0.00	20.67 -0.33 0.00	20.86 -0.33 0.00	19.91 -0.48 0.00	15.57 -0.57 0.00	20.15 -0.74 0.00	21.47 -0.92 0.00	19.76 -0.82 0.00	19.64 -0.77 0.00	19.21 -0.56 0.00	18.68 -0.44 0.00	15.64 -0.42 0.00	18.37 -0.66 0.00	19.20 -0.86 0.00	18.59 -0.79 0.00	21.06 -1.09 0.00	26.14 -1.86 0.00	30.34 -2.16 0.00	36.43 -2.54 0.00	30.06 -2.11 0.00	31.64 -1.94 0.00	25.45 -1.32 0.00	20.02 -0.59 0.00
NIAGARA_230_LBMP 323716	22.64 -0.96 0.00	21.22 -0.70 0.00	20.69 -0.31 0.00	20.88 -0.31 0.00	19.94 -0.46 0.00	15.59 -0.55 0.00	20.19 -0.70 0.00	21.62 -0.78 0.00	19.90 -0.67 0.00	19.79 -0.63 0.00	19.35 -0.42 0.00	18.81 -0.31 0.00	15.75 -0.32 0.00	18.50 -0.53 0.00	19.34 -0.71 0.00	18.73 -0.65 0.00	21.22 -0.93 0.00	26.36 -1.64 0.00	30.62 -1.88 0.00	36.77 -2.20 0.00	30.32 -1.84 0.00	31.92 -1.67 0.00	25.65 -1.12 0.00	20.05 -0.56 0.00
NIAGARA___115KV_198_GIBSON 55903	22.55 -1.05 0.00	21.19 -0.74 0.00	20.67 -0.32 0.00	20.86 -0.33 0.00	19.91 -0.48 0.00	15.57 -0.57 0.00	20.15 -0.74 0.00	21.47 -0.92 0.00	19.76 -0.82 0.00	19.64 -0.77 0.00	19.21 -0.56 0.00	18.68 -0.44 0.00	15.64 -0.42 0.00	18.37 -0.66 0.00	19.20 -0.86 0.00	18.59 -0.79 0.00	21.06 -1.09 0.00	26.14 -1.86 0.00	30.34 -2.16 0.00	36.43 -2.54 0.00	30.06 -2.11 0.00	31.65 -1.94 0.00	25.45 -1.32 0.00	20.02 -0.59 0.00
NIAGARA____ 23760	22.64 -0.96 0.00	21.22 -0.70 0.00	20.69 -0.31 0.00	20.88 -0.31 0.00	19.94 -0.46 0.00	15.59 -0.55 0.00	20.19 -0.70 0.00	21.62 -0.78 0.00	19.90 -0.67 0.00	19.79 -0.63 0.00	19.35 -0.42 0.00	18.81 -0.31 0.00	15.75 -0.32 0.00	18.50 -0.53 0.00	19.34 -0.71 0.00	18.73 -0.65 0.00	21.22 -0.93 0.00	26.36 -1.64 0.00	30.62 -1.88 0.00	36.77 -2.20 0.00	30.32 -1.84 0.00	31.92 -1.67 0.00	25.65 -1.12 0.00	20.05 -0.56 0.00
NINE_MILE_1 23575	22.73 -0.86 0.00	21.21 -0.72 0.00	20.35 -0.64 0.00	20.54 -0.66 0.00	19.75 -0.64 0.00	15.63 -0.51 0.00	20.23 -0.66 0.00	21.68 -0.71 0.00	19.90 -0.67 0.00	19.77 -0.65 0.00	19.18 -0.59 0.00	18.57 -0.55 0.00	15.60 -0.47 0.00	18.45 -0.58 0.00	19.38 -0.67 0.00	18.67 -0.71 0.00	21.30 -0.85 0.00	26.88 -1.12 0.00	31.27 -1.24 0.00	37.53 -1.44 0.00	30.99 -1.18 0.00	32.37 -1.22 0.00	25.82 -0.94 0.00	19.89 -0.71 0.00
NINE_MILE_2 23744	22.73 -0.86 0.00	21.21 -0.72 0.00	20.35 -0.64 0.00	20.54 -0.66 0.00	19.75 -0.64 0.00	15.63 -0.50 0.00	20.23 -0.66 0.00	21.69 -0.71 0.00	19.91 -0.67 0.00	19.77 -0.64 0.00	19.18 -0.59 0.00	18.57 -0.55 0.00	15.60 -0.47 0.00	18.45 -0.58 0.00	19.38 -0.67 0.00	18.67 -0.71 0.00	21.30 -0.85 0.00	26.88 -1.12 0.00	31.27 -1.24 0.00	37.53 -1.44 0.00	30.99 -1.18 0.00	32.37 -1.22 0.00	25.83 -0.94 0.00	19.89 -0.71 0.00
NM_CAPITAL___DRP 24208	23.76 0.16 0.00	22.06 0.14 0.00	21.11 0.12 0.00	21.30 0.11 0.00	20.48 0.09 0.00	16.24 0.11 0.00	21.01 0.12 0.00	22.52 0.13 0.00	20.71 0.14 0.00	20.52 0.11 0.00	19.88 0.12 0.00	19.24 0.13 0.00	16.22 0.15 0.00	19.24 0.20 0.00	20.32 0.27 0.00	19.66 0.28 0.00	22.45 0.30 0.00	28.43 0.43 0.00	32.78 0.28 0.00	39.20 0.23 0.00	32.36 0.19 0.00	33.75 0.17 0.00	26.85 0.09 0.00	20.69 0.08 0.00
NM_CENTRAL___DRP 24181	23.10 -0.49 0.00	21.54 -0.38 0.00	20.68 -0.32 0.00	20.86 -0.33 0.00	20.06 -0.33 0.00	15.88 -0.26 0.00	20.55 -0.34 0.00	22.03 -0.37 0.00	20.20 -0.37 0.00	20.05 -0.36 0.00	19.47 -0.30 0.00	18.86 -0.25 0.00	15.85 -0.21 0.00	18.74 -0.29 0.00	19.68 -0.37 0.00	18.96 -0.41 0.00	21.62 -0.53 0.00	27.32 -0.69 0.00	31.83 -0.67 0.00	38.22 -0.75 0.00	31.54 -0.63 0.00	32.94 -0.64 0.00	26.30 -0.47 0.00	20.24 -0.36 0.00

NM_FRONTIER___DRP 24179	22.55 -1.05 0.00	21.19 -0.74 0.00	20.67 -0.32 0.00	20.86 -0.33 0.00	19.91 -0.48 0.00	15.57 -0.57 0.00	20.15 -0.74 0.00	21.47 -0.92 0.00	19.76 -0.82 0.00	19.64 -0.77 0.00	19.21 -0.56 0.00	18.68 -0.44 0.00	15.64 -0.42 0.00	18.37 -0.66 0.00	19.20 -0.86 0.00	18.59 -0.79 0.00	21.06 -1.09 0.00	26.14 -1.86 0.00	30.34 -2.16 0.00	36.43 -2.54 0.00	30.06 -2.11 0.00	31.65 -1.94 0.00	25.45 -1.32 0.00	20.02 -0.59 0.00
NM_ST_REGIS___HYD 24053	24.54 0.94 0.00	22.70 0.78 0.00	21.68 0.68 0.00	21.93 0.74 0.00	21.16 0.77 0.00	16.67 0.54 0.00	21.59 0.70 0.00	23.13 0.73 0.00	21.19 0.62 0.00	20.95 0.53 0.00	20.17 0.40 0.00	19.53 0.40 0.00	16.29 0.23 0.00	19.29 0.26 0.00	20.41 0.35 0.00	19.74 0.36 0.00	22.69 0.55 0.00	28.79 0.79 0.00	33.47 0.96 0.00	40.29 1.32 0.00	33.26 1.09 0.00	34.75 1.17 0.00	27.65 0.88 0.00	21.39 0.78 0.00
NORTHPORT___1 23551	24.46 0.86 0.00	22.54 0.61 0.00	21.57 0.58 0.00	21.71 0.52 0.00	20.85 0.46 0.00	16.55 0.41 0.00	21.26 0.37 0.00	22.84 0.44 0.00	21.16 0.58 0.00	21.08 0.66 0.00	20.63 0.87 0.00	19.91 0.78 0.00	16.74 0.68 0.00	19.90 0.87 0.00	21.16 1.11 0.00	20.49 1.11 0.00	23.34 1.18 -0.01	29.42 1.42 0.00	33.93 1.43 0.00	40.20 1.23 0.00	33.05 0.89 0.00	34.47 0.89 0.00	27.59 0.83 0.00	21.21 0.61 0.00
NORTHPORT___2 23552	24.46 0.86 0.00	22.54 0.61 0.00	21.57 0.58 0.00	21.71 0.52 0.00	20.85 0.46 0.00	16.55 0.41 0.00	21.26 0.37 0.00	22.84 0.44 0.00	21.16 0.58 0.00	21.08 0.66 0.00	20.63 0.87 0.00	19.91 0.78 0.00	16.74 0.68 0.00	19.90 0.87 0.00	21.16 1.11 0.00	20.49 1.11 0.00	23.34 1.18 -0.01	29.42 1.42 0.00	33.93 1.43 0.00	40.20 1.23 0.00	33.05 0.89 0.00	34.47 0.89 0.00	27.59 0.83 0.00	21.21 0.61 0.00
NORTHPORT___3 23553	24.43 0.84 0.00	22.51 0.59 0.00	21.53 0.54 0.00	21.67 0.48 0.00	20.81 0.42 0.00	16.51 0.38 0.00	21.25 0.36 0.00	22.84 0.44 0.00	21.15 0.57 0.00	21.07 0.65 0.00	20.62 0.85 0.00	19.89 0.77 0.00	16.77 0.70 0.00	19.91 0.88 0.00	21.16 1.11 0.00	20.51 1.13 0.00	23.39 1.24 -0.01	29.50 1.50 0.00	34.05 1.55 0.00	40.35 1.38 0.00	33.18 1.01 0.00	34.55 0.97 0.00	27.61 0.85 0.00	21.21 0.60 0.00
NORTHPORT___4 23650	24.43 0.84 0.00	22.51 0.59 0.00	21.53 0.54 0.00	21.67 0.48 0.00	20.81 0.42 0.00	16.51 0.38 0.00	21.25 0.36 0.00	22.84 0.44 0.00	21.15 0.57 0.00	21.07 0.65 0.00	20.62 0.85 0.00	19.89 0.77 0.00	16.77 0.70 0.00	19.91 0.88 0.00	21.16 1.11 0.00	20.51 1.13 0.00	23.39 1.24 -0.01	29.50 1.50 0.00	34.05 1.55 0.00	40.35 1.38 0.00	33.18 1.01 0.00	34.55 0.97 0.00	27.61 0.85 0.00	21.21 0.60 0.00
NORTHPORT___IC 23718	24.46 0.86 0.00	22.53 0.61 0.00	21.57 0.58 0.00	21.71 0.52 0.00	20.85 0.46 0.00	16.55 0.41 0.00	21.26 0.37 0.00	22.84 0.44 0.00	21.16 0.58 0.00	21.08 0.66 0.00	20.63 0.87 0.00	19.91 0.78 0.00	16.74 0.68 0.00	19.90 0.87 0.00	21.16 1.11 0.00	20.49 1.11 0.00	23.34 1.18 -0.01	29.42 1.42 0.00	33.93 1.43 0.00	40.20 1.23 0.00	33.05 0.89 0.00	34.47 0.89 0.00	27.60 0.83 0.00	21.21 0.61 0.00
NORTH___COUNTRY_ESR 323785	24.06 0.46 0.00	22.30 0.38 0.00	21.29 0.29 0.00	21.53 0.33 0.00	20.75 0.36 0.00	16.36 0.23 0.00	21.19 0.29 0.00	22.70 0.31 0.00	20.84 0.27 0.00	20.56 0.15 0.00	19.64 -0.13 0.00	19.05 -0.08 0.00	15.91 -0.16 0.00	18.90 -0.13 0.00	20.03 -0.03 0.00	19.40 0.02 0.00	22.32 0.17 0.00	28.44 0.44 0.00	33.02 0.51 0.00	39.68 0.71 0.00	32.71 0.55 0.00	34.15 0.56 0.00	27.16 0.39 0.00	20.97 0.37 0.00
NPX_GEN_1385_PROXY 323591	24.12 0.53 0.00	22.22 0.29 0.00	21.45 0.45 0.00	21.70 0.51 0.00	20.79 0.40 0.00	16.46 0.32 0.00	20.41 0.33 0.81	22.83 0.43 0.00	21.13 0.55 0.00	21.12 0.70 0.00	20.53 0.76 0.00	19.72 0.61 0.00	16.55 0.49 0.00	19.65 0.61 0.00	21.00 0.94 0.00	20.36 0.98 0.00	23.05 0.90 -0.01	29.20 1.19 0.00	33.61 1.11 0.00	39.92 0.94 0.00	32.86 0.69 0.00	34.27 0.69 0.00	27.56 0.80 0.00	21.13 0.52 0.00
NPX_GEN_CSC 323557	24.33 0.73 0.00	22.36 0.43 0.00	21.36 0.36 0.00	21.50 0.30 0.00	20.62 0.23 0.00	16.37 0.23 0.00	20.27 0.18 0.81	22.65 0.25 0.00	20.97 0.39 0.00	20.90 0.49 0.00	20.44 0.68 0.00	19.73 0.61 0.00	16.62 0.55 0.00	19.77 0.73 0.00	21.05 0.99 0.00	20.46 1.08 0.00	23.42 1.27 -0.01	29.59 1.59 0.00	34.20 1.69 0.00	40.47 1.49 0.00	33.20 1.03 0.00	34.49 0.91 0.00	27.53 0.76 0.00	21.14 0.53 0.00
NSINS_S_GLNS_FALLS 23858	24.93 1.33 0.00	23.13 1.20 0.00	22.13 1.13 0.00	22.33 1.14 0.00	21.45 1.06 0.00	17.01 0.88 0.00	22.07 1.18 0.00	23.65 1.25 0.00	21.60 1.02 0.00	21.30 0.88 0.00	20.45 0.68 0.00	19.86 0.74 0.00	16.73 0.67 0.00	19.88 0.85 0.00	20.98 0.92 0.00	20.36 0.99 0.00	23.38 1.24 0.00	29.92 1.92 0.00	34.61 2.11 0.00	41.58 2.61 0.00	34.28 2.11 0.00	35.70 2.12 0.00	28.32 1.55 0.00	21.70 1.10 0.00
NUCOR_STEEL___DRP 24197	23.30 -0.30 0.00	21.72 -0.20 0.00	20.87 -0.13 0.00	21.04 -0.15 0.00	20.25 -0.14 0.00	16.01 -0.12 0.00	20.74 -0.15 0.00	22.23 -0.16 0.00	20.34 -0.23 0.00	20.14 -0.28 0.00	19.62 -0.16 0.00	19.03 -0.10 0.00	16.00 -0.06 0.00	18.84 -0.19 0.00	19.77 -0.28 0.00	19.06 -0.32 0.00	21.82 -0.33 0.00	27.47 -0.54 0.00	32.24 -0.26 0.00	38.80 -0.17 0.00	32.01 -0.16 0.00	33.45 -0.13 0.00	26.68 -0.08 0.00	20.47 -0.14 0.00
NUMBER_THREE_WT_PWR 323818	24.25 0.66 0.00	22.34 0.41 0.00	21.35 0.36 0.00	21.70 0.51 0.00	21.09 0.70 0.00	16.71 0.58 0.00	21.60 0.71 0.00	23.01 0.61 0.00	20.89 0.31 0.00	20.46 0.05 0.00	19.49 -0.27 0.00	18.66 -0.46 0.00	15.49 -0.58 0.00	18.48 -0.56 0.00	19.50 -0.56 0.00	18.82 -0.56 0.00	21.90 -0.25 0.00	27.98 -0.02 0.00	32.71 0.21 0.00	39.52 0.55 0.00	32.73 0.56 0.00	34.25 0.67 0.00	27.43 0.67 0.00	21.30 0.69 0.00
NYISO_LBMP_REFERENCE 24008	23.60 0.00 0.00	21.92 0.00 0.00	21.00 0.00 0.00	21.19 0.00 0.00	20.39 0.00 0.00	16.14 0.00 0.00	20.89 0.00 0.00	22.40 0.00 0.00	20.58 0.00 0.00	20.41 0.00 0.00	19.77 0.00 0.00	19.12 0.00 0.00	16.07 0.00 0.00	19.04 0.00 0.00	20.05 0.00 0.00	19.38 0.00 0.00	22.15 0.00 0.00	28.00 0.00 0.00	32.50 0.00 0.00	38.97 0.00 0.00	32.17 0.00 0.00	33.58 0.00 0.00	26.76 0.00 0.00	20.61 0.00 0.00
NYPA_BRENTWD____GT 24164	24.73 1.13 0.00	22.77 0.85 0.00	21.77 0.78 0.00	21.89 0.70 0.00	21.03 0.64 0.00	16.69 0.55 0.00	21.46 0.57 0.00	23.06 0.66 0.00	21.35 0.78 0.00	21.27 0.85 0.00	20.80 1.03 0.00	20.07 0.95 0.00	16.90 0.84 0.00	20.10 1.06 0.00	21.38 1.33 0.00	20.74 1.36 0.00	23.68 1.52 -0.01	29.89 1.89 0.00	34.52 2.01 0.00	40.90 1.93 0.00	33.61 1.44 0.00	34.98 1.40 0.00	27.95 1.19 0.00	21.47 0.86 0.00

NYPA_GOWANUS____GT5 24156	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
NYPA_GOWANUS____GT6 24157	24.45 0.86 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.90 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00
NYPA_HARLEM__RVR__GT1 24160	24.42 0.82 0.00	22.53 0.61 0.00	21.49 0.49 0.00	21.60 0.41 0.00	20.81 0.42 0.00	16.57 0.43 0.00	21.31 0.42 0.00	22.97 0.58 0.00	21.27 0.69 0.00	21.16 0.75 0.00	20.63 0.86 0.00	19.94 0.82 0.00	16.81 0.75 0.00	19.94 0.90 0.00	21.09 1.04 0.00	20.42 1.05 0.00	23.32 1.17 0.00	29.45 1.45 0.00	34.12 1.61 0.00	40.59 1.62 0.00	33.49 1.32 0.00	34.78 1.19 0.00	27.78 1.01 0.00	21.28 0.68 0.00
NYPA_HARLEM__RVR__GT2 24161	24.42 0.82 0.00	22.53 0.61 0.00	21.49 0.49 0.00	21.60 0.41 0.00	20.81 0.42 0.00	16.57 0.43 0.00	21.31 0.42 0.00	22.97 0.58 0.00	21.27 0.69 0.00	21.16 0.75 0.00	20.63 0.86 0.00	19.94 0.82 0.00	16.81 0.75 0.00	19.94 0.90 0.00	21.09 1.04 0.00	20.42 1.05 0.00	23.32 1.17 0.00	29.45 1.45 0.00	34.12 1.61 0.00	40.59 1.62 0.00	33.49 1.32 0.00	34.78 1.19 0.00	27.78 1.01 0.00	21.28 0.68 0.00
NYPA_KENT____GT 24152	24.43 0.84 0.00	22.56 0.64 0.00	21.55 0.56 0.00	21.67 0.48 0.00	20.88 0.49 0.00	16.63 0.49 0.00	21.41 0.52 0.00	23.04 0.64 0.00	21.35 0.77 0.00	21.26 0.84 0.00	20.71 0.94 0.00	20.00 0.88 0.00	16.89 0.82 0.00	20.02 0.99 0.00	21.17 1.11 0.00	20.50 1.12 0.00	23.39 1.24 0.00	29.55 1.55 0.00	34.21 1.71 0.00	40.64 1.67 0.00	33.53 1.36 0.00	34.83 1.25 0.00	27.79 1.03 0.00	21.31 0.70 0.00
NYPA_POUCH1____GT 24155	24.46 0.86 0.00	22.58 0.66 0.00	21.58 0.59 0.00	21.71 0.52 0.00	20.92 0.53 0.00	16.66 0.52 0.00	21.45 0.56 0.00	23.08 0.68 0.00	21.38 0.80 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.00 0.88 0.00	16.88 0.82 0.00	20.01 0.97 0.00	21.15 1.10 0.00	20.48 1.11 0.00	23.38 1.24 0.00	29.55 1.55 0.00	34.24 1.74 0.00	40.67 1.70 0.00	33.55 1.38 0.00	34.84 1.25 0.00	27.80 1.04 0.00	21.32 0.71 0.00
NYPA_VERNON____GT2 24162	24.41 0.81 0.00	22.54 0.63 0.00	21.54 0.55 0.00	21.65 0.45 0.00	20.86 0.47 0.00	16.61 0.47 0.00	21.39 0.50 0.00	23.01 0.62 0.00	21.33 0.75 0.00	21.24 0.82 0.00	20.70 0.93 0.00	19.99 0.87 0.00	16.88 0.82 0.00	20.01 0.98 0.00	21.16 1.11 0.00	20.48 1.11 0.00	23.38 1.23 0.00	29.52 1.52 0.00	34.17 1.67 0.00	40.60 1.63 0.00	33.50 1.33 0.00	34.80 1.22 0.00	27.77 1.00 0.00	21.29 0.69 0.00
NYPA_VERNON____GT3 24163	24.41 0.81 0.00	22.54 0.63 0.00	21.54 0.55 0.00	21.65 0.45 0.00	20.86 0.47 0.00	16.61 0.47 0.00	21.39 0.50 0.00	23.01 0.62 0.00	21.33 0.75 0.00	21.24 0.82 0.00	20.70 0.93 0.00	19.99 0.87 0.00	16.88 0.82 0.00	20.01 0.98 0.00	21.16 1.11 0.00	20.48 1.11 0.00	23.38 1.23 0.00	29.52 1.52 0.00	34.17 1.67 0.00	40.60 1.63 0.00	33.50 1.33 0.00	34.80 1.22 0.00	27.77 1.00 0.00	21.29 0.69 0.00
NYPA__ASTORIA_CC1 323568	24.39 0.79 0.00	22.53 0.61 0.00	21.53 0.53 0.00	21.64 0.44 0.00	20.85 0.46 0.00	16.60 0.46 0.00	21.38 0.49 0.00	22.99 0.60 0.00	21.32 0.74 0.00	21.23 0.82 0.00	20.69 0.92 0.00	19.98 0.86 0.00	16.87 0.81 0.00	20.00 0.97 0.00	21.14 1.09 0.00	20.46 1.09 0.00	23.35 1.21 0.00	29.49 1.49 0.00	34.14 1.63 0.00	40.55 1.58 0.00	33.46 1.29 0.00	34.76 1.18 0.00	27.73 0.97 0.00	21.27 0.67 0.00
NYPA__ASTORIA_CC2 323569	24.39 0.79 0.00	22.53 0.61 0.00	21.53 0.53 0.00	21.64 0.44 0.00	20.85 0.46 0.00	16.60 0.46 0.00	21.38 0.49 0.00	22.99 0.60 0.00	21.32 0.74 0.00	21.23 0.82 0.00	20.69 0.92 0.00	19.98 0.86 0.00	16.87 0.81 0.00	20.00 0.97 0.00	21.14 1.09 0.00	20.46 1.09 0.00	23.35 1.21 0.00	29.49 1.49 0.00	34.14 1.63 0.00	40.55 1.58 0.00	33.46 1.29 0.00	34.76 1.18 0.00	27.73 0.97 0.00	21.27 0.67 0.00
NYPA__HOLTSVILL 23794	24.52 0.93 0.00	22.58 0.65 0.00	21.58 0.59 0.00	21.71 0.52 0.00	20.84 0.45 0.00	16.54 0.41 0.00	21.28 0.39 0.00	22.87 0.47 0.00	21.19 0.61 0.00	21.10 0.69 0.00	20.64 0.87 0.00	19.92 0.79 0.00	16.78 0.71 0.00	19.95 0.92 0.00	21.22 1.17 0.00	20.60 1.22 0.00	23.53 1.38 -0.01	29.70 1.70 0.00	34.31 1.80 0.00	40.64 1.66 0.00	33.37 1.21 0.00	34.72 1.14 0.00	27.73 0.97 0.00	21.30 0.70 0.00
NYPA____HELLGATE_GT1 24158	24.42 0.82 0.00	22.53 0.61 0.00	21.49 0.49 0.00	21.60 0.41 0.00	20.81 0.42 0.00	16.57 0.43 0.00	21.31 0.42 0.00	22.97 0.58 0.00	21.27 0.69 0.00	21.16 0.75 0.00	20.63 0.86 0.00	19.94 0.82 0.00	16.81 0.75 0.00	19.94 0.90 0.00	21.09 1.04 0.00	20.42 1.05 0.00	23.32 1.17 0.00	29.45 1.45 0.00	34.11 1.61 0.00	40.57 1.60 0.00	33.49 1.32 0.00	34.78 1.19 0.00	27.78 1.01 0.00	21.29 0.68 0.00
NYPA____HELLGATE_GT2 24159	24.42 0.82 0.00	22.53 0.61 0.00	21.49 0.49 0.00	21.60 0.41 0.00	20.81 0.42 0.00	16.57 0.43 0.00	21.31 0.42 0.00	22.97 0.58 0.00	21.27 0.69 0.00	21.16 0.75 0.00	20.63 0.86 0.00	19.94 0.82 0.00	16.81 0.75 0.00	19.94 0.90 0.00	21.09 1.04 0.00	20.42 1.05 0.00	23.32 1.17 0.00	29.45 1.45 0.00	34.11 1.61 0.00	40.57 1.60 0.00	33.49 1.32 0.00	34.78 1.19 0.00	27.78 1.01 0.00	21.29 0.68 0.00
NYS_BARGE__HYD 23848	22.82 -0.78 0.00	21.37 -0.55 0.00	20.84 -0.16 0.00	21.02 -0.17 0.00	20.08 -0.32 0.00	15.70 -0.43 0.00	20.35 -0.54 0.00	21.77 -0.63 0.00	20.02 -0.55 0.00	19.86 -0.55 0.00	19.42 -0.34 0.00	18.90 -0.22 0.00	15.82 -0.24 0.00	18.57 -0.46 0.00	19.40 -0.65 0.00	18.79 -0.59 0.00	21.37 -0.78 0.00	26.49 -1.51 0.00	30.85 -1.66 0.00	37.13 -1.85 0.00	30.64 -1.53 0.00	32.23 -1.35 0.00	25.90 -0.86 0.00	20.22 -0.38 0.00
OAK ORCHARD__HYD 24046	23.15 -0.45 0.00	21.63 -0.29 0.00	20.93 -0.06 0.00	21.12 -0.07 0.00	20.22 -0.16 0.00	15.90 -0.23 0.00	20.62 -0.28 0.00	22.08 -0.31 0.00	20.27 -0.30 0.00	20.12 -0.29 0.00	19.62 -0.15 0.00	19.07 -0.06 0.00	15.98 -0.08 0.00	18.81 -0.22 0.00	19.71 -0.34 0.00	19.05 -0.33 0.00	21.65 -0.50 0.00	27.21 -0.79 0.00	31.75 -0.75 0.00	38.15 -0.82 0.00	31.48 -0.69 0.00	32.97 -0.62 0.00	26.35 -0.41 0.00	20.41 -0.20 0.00

OAKDALE___35_KV_LOAD 356122	23.27 -0.33 0.00	21.65 -0.28 0.00	20.81 -0.18 0.00	20.97 -0.23 0.00	20.18 -0.21 0.00	15.97 -0.16 0.00	20.70 -0.19 0.00	22.22 -0.17 0.00	20.39 -0.19 0.00	20.25 -0.17 0.00	19.68 -0.09 0.00	19.02 -0.10 0.00	15.98 -0.08 0.00	18.89 -0.14 0.00	19.86 -0.19 0.00	19.21 -0.17 0.00	21.95 -0.20 0.00	27.70 -0.30 0.00	32.30 -0.20 0.00	38.75 -0.22 0.00	31.89 -0.28 0.00	33.36 -0.22 0.00	26.59 -0.17 0.00	20.41 -0.19 0.00
OCC_CHEM___DRP 24175	22.59 -1.01 0.00	21.22 -0.71 0.00	20.70 -0.29 0.00	20.89 -0.30 0.00	19.93 -0.46 0.00	15.58 -0.55 0.00	20.18 -0.71 0.00	21.51 -0.89 0.00	19.79 -0.78 0.00	19.68 -0.73 0.00	19.25 -0.52 0.00	18.72 -0.40 0.00	15.67 -0.39 0.00	18.41 -0.63 0.00	19.24 -0.82 0.00	18.63 -0.75 0.00	21.10 -1.05 0.00	26.19 -1.81 0.00	30.40 -2.10 0.00	36.51 -2.46 0.00	30.12 -2.05 0.00	31.70 -1.88 0.00	25.50 -1.27 0.00	20.05 -0.56 0.00
OH_GEN_PROXY 24063	22.63 -0.96 0.00	21.21 -0.71 0.00	20.68 -0.31 0.00	20.87 -0.33 0.00	19.93 -0.46 0.00	15.59 -0.55 0.00	-1.01 -0.68 21.22	21.64 -0.76 0.00	19.92 -0.66 0.00	19.80 -0.61 0.00	19.37 -0.40 0.00	18.81 -0.30 0.00	15.76 -0.31 0.00	18.51 -0.52 0.00	19.36 -0.70 0.00	18.75 -0.63 0.00	21.25 -0.90 0.00	26.42 -1.58 0.00	30.69 -1.81 0.00	36.86 -2.12 0.00	30.38 -1.79 0.00	31.97 -1.61 0.00	25.67 -1.09 0.00	20.04 -0.57 0.00
OLIN_CORP_DRP 24177	22.59 -1.01 0.00	21.15 -0.77 0.00	20.64 -0.36 0.00	20.83 -0.37 0.00	19.89 -0.50 0.00	15.55 -0.59 0.00	20.14 -0.76 0.00	21.55 -0.85 0.00	19.85 -0.73 0.00	19.71 -0.70 0.00	19.28 -0.49 0.00	18.76 -0.36 0.00	15.71 -0.36 0.00	18.44 -0.59 0.00	19.27 -0.79 0.00	18.65 -0.73 0.00	21.16 -0.99 0.00	26.25 -1.75 0.00	30.51 -2.00 0.00	36.66 -2.31 0.00	30.25 -1.92 0.00	31.84 -1.75 0.00	25.62 -1.15 0.00	20.02 -0.59 0.00
OLIN_CORP_DSASP 323712	22.59 -1.01 0.00	21.22 -0.71 0.00	20.70 -0.29 0.00	20.89 -0.30 0.00	19.93 -0.46 0.00	15.58 -0.55 0.00	20.18 -0.71 0.00	21.51 -0.89 0.00	19.80 -0.78 0.00	19.68 -0.73 0.00	19.25 -0.52 0.00	18.72 -0.40 0.00	15.67 -0.39 0.00	18.41 -0.63 0.00	19.24 -0.82 0.00	18.63 -0.75 0.00	21.11 -1.04 0.00	26.19 -1.81 0.00	30.40 -2.10 0.00	36.51 -2.46 0.00	30.12 -2.05 0.00	31.70 -1.88 0.00	25.50 -1.26 0.00	20.05 -0.56 0.00
ONEIDA_HERK_LFGE 323681	24.10 0.50 0.00	22.29 0.37 0.00	21.34 0.34 0.00	21.59 0.40 0.00	20.86 0.48 0.00	16.53 0.40 0.00	21.40 0.52 0.00	22.86 0.47 0.00	20.86 0.28 0.00	20.58 0.17 0.00	19.81 0.04 0.00	19.10 -0.02 0.00	15.96 -0.11 0.00	18.94 -0.09 0.00	19.95 -0.10 0.00	19.27 -0.11 0.00	22.20 0.05 0.00	28.24 0.24 0.00	32.95 0.45 0.00	39.69 0.72 0.00	32.82 0.65 0.00	34.27 0.69 0.00	27.35 0.58 0.00	21.10 0.49 0.00
ONEIDA___115KV_TB4 55905	23.94 0.35 0.00	22.22 0.30 0.00	21.30 0.30 0.00	21.49 0.30 0.00	20.72 0.33 0.00	16.41 0.27 0.00	21.26 0.37 0.00	22.74 0.34 0.00	20.74 0.16 0.00	20.52 0.10 0.00	19.86 0.09 0.00	19.22 0.11 0.00	16.14 0.08 0.00	19.10 0.06 0.00	20.07 0.01 0.00	19.37 0.00 0.00	22.19 0.04 0.00	28.16 0.15 0.00	32.88 0.38 0.00	39.64 0.67 0.00	32.76 0.59 0.00	34.19 0.61 0.00	27.23 0.47 0.00	20.94 0.34 0.00
ONONDAGA_REF_OCCRA 23987	23.24 -0.36 0.00	21.66 -0.27 0.00	20.79 -0.21 0.00	20.96 -0.23 0.00	20.17 -0.23 0.00	15.96 -0.18 0.00	20.67 -0.23 0.00	22.16 -0.24 0.00	20.30 -0.27 0.00	20.15 -0.27 0.00	19.55 -0.22 0.00	18.94 -0.18 0.00	15.92 -0.14 0.00	18.83 -0.20 0.00	19.78 -0.27 0.00	19.05 -0.33 0.00	21.74 -0.41 0.00	27.48 -0.52 0.00	32.05 -0.45 0.00	38.51 -0.46 0.00	31.77 -0.39 0.00	33.18 -0.40 0.00	26.47 -0.29 0.00	20.37 -0.24 0.00
ONONDAGA___COGEN 23986	23.22 -0.38 0.00	21.64 -0.28 0.00	20.77 -0.22 0.00	20.95 -0.24 0.00	20.16 -0.23 0.00	15.95 -0.18 0.00	20.65 -0.24 0.00	22.13 -0.26 0.00	20.29 -0.29 0.00	20.13 -0.28 0.00	19.54 -0.23 0.00	18.94 -0.18 0.00	15.92 -0.14 0.00	18.81 -0.22 0.00	19.76 -0.30 0.00	19.02 -0.35 0.00	21.73 -0.42 0.00	27.46 -0.54 0.00	32.04 -0.46 0.00	38.49 -0.49 0.00	31.75 -0.41 0.00	33.16 -0.42 0.00	26.45 -0.31 0.00	20.35 -0.26 0.00
ONTARIO___LFGE 23819	23.26 -0.34 0.00	21.68 -0.25 0.00	20.81 -0.19 0.00	20.93 -0.27 0.00	20.23 -0.16 0.00	15.97 -0.16 0.00	20.73 -0.16 0.00	22.24 -0.15 0.00	20.30 -0.28 0.00	20.05 -0.36 0.00	19.49 -0.28 0.00	18.92 -0.20 0.00	15.90 -0.16 0.00	18.75 -0.28 0.00	19.67 -0.38 0.00	19.02 -0.35 0.00	21.66 -0.49 0.00	27.34 -0.66 0.00	32.03 -0.47 0.00	38.65 -0.32 0.00	31.84 -0.32 0.00	33.45 -0.13 0.00	26.66 -0.10 0.00	20.50 -0.11 0.00
ORANGEVILLE_WT_PWR 323706	22.77 -0.83 0.00	21.27 -0.65 0.00	20.69 -0.30 0.00	20.85 -0.34 0.00	19.98 -0.42 0.00	15.70 -0.43 0.00	20.40 -0.49 0.00	21.82 -0.58 0.00	19.91 -0.66 0.00	19.75 -0.67 0.00	19.27 -0.50 0.00	18.75 -0.37 0.00	15.71 -0.35 0.00	18.43 -0.60 0.00	19.30 -0.76 0.00	18.68 -0.70 0.00	21.24 -0.91 0.00	26.52 -1.48 0.00	31.18 -1.33 0.00	37.70 -1.28 0.00	31.06 -1.11 0.00	32.63 -0.95 0.00	26.13 -0.63 0.00	20.24 -0.37 0.00
ORANGEVILLE___ESR 323794	22.77 -0.83 0.00	21.27 -0.65 0.00	20.69 -0.30 0.00	20.85 -0.34 0.00	19.98 -0.42 0.00	15.70 -0.43 0.00	20.40 -0.49 0.00	21.82 -0.58 0.00	19.91 -0.66 0.00	19.75 -0.67 0.00	19.27 -0.50 0.00	18.75 -0.37 0.00	15.71 -0.35 0.00	18.43 -0.60 0.00	19.30 -0.76 0.00	18.68 -0.70 0.00	21.24 -0.91 0.00	26.52 -1.48 0.00	31.18 -1.33 0.00	37.70 -1.28 0.00	31.06 -1.11 0.00	32.63 -0.95 0.00	26.13 -0.63 0.00	20.24 -0.37 0.00
OSWEGATCHIE___HYD 24044	24.40 0.81 0.00	22.53 0.61 0.00	21.53 0.53 0.00	21.83 0.64 0.00	21.13 0.75 0.00	16.70 0.56 0.00	21.60 0.71 0.00	23.08 0.68 0.00	21.04 0.46 0.00	20.68 0.26 0.00	19.82 0.06 0.00	19.11 -0.02 0.00	15.91 -0.16 0.00	18.91 -0.13 0.00	19.94 -0.11 0.00	19.29 -0.09 0.00	22.31 0.16 0.00	28.40 0.39 0.00	33.13 0.62 0.00	39.93 0.96 0.00	33.02 0.85 0.00	34.53 0.95 0.00	27.57 0.81 0.00	21.36 0.75 0.00
OSWEGO___5 23606	22.90 -0.70 0.00	21.35 -0.57 0.00	20.49 -0.51 0.00	20.68 -0.51 0.00	19.88 -0.51 0.00	15.73 -0.40 0.00	20.37 -0.53 0.00	21.83 -0.56 0.00	20.04 -0.54 0.00	19.89 -0.52 0.00	19.30 -0.47 0.00	18.69 -0.44 0.00	15.69 -0.37 0.00	18.57 -0.47 0.00	19.51 -0.55 0.00	18.80 -0.58 0.00	21.45 -0.70 0.00	27.09 -0.92 0.00	31.52 -0.99 0.00	37.83 -1.14 0.00	31.22 -0.94 0.00	32.62 -0.96 0.00	26.02 -0.74 0.00	20.05 -0.56 0.00
OSWEGO___6 23613	22.90 -0.70 0.00	21.35 -0.57 0.00	20.49 -0.51 0.00	20.68 -0.51 0.00	19.88 -0.51 0.00	15.73 -0.40 0.00	20.37 -0.53 0.00	21.83 -0.56 0.00	20.04 -0.54 0.00	19.89 -0.52 0.00	19.30 -0.47 0.00	18.69 -0.44 0.00	15.69 -0.37 0.00	18.57 -0.47 0.00	19.51 -0.55 0.00	18.80 -0.58 0.00	21.45 -0.70 0.00	27.09 -0.92 0.00	31.52 -0.99 0.00	37.83 -1.14 0.00	31.22 -0.94 0.00	32.62 -0.96 0.00	26.02 -0.74 0.00	20.05 -0.56 0.00

OUTOKUMPU-AB___DRP 24206	22.95 -0.65 0.00	21.51 -0.42 0.00	20.97 -0.03 0.00	21.15 -0.05 0.00	20.20 -0.19 0.00	15.81 -0.33 0.00	20.49 -0.41 0.00	21.89 -0.50 0.00	20.14 -0.44 0.00	20.00 -0.42 0.00	19.57 -0.20 0.00	19.03 -0.09 0.00	15.93 -0.13 0.00	18.71 -0.33 0.00	19.55 -0.50 0.00	18.94 -0.44 0.00	21.51 -0.65 0.00	26.72 -1.28 0.00	31.10 -1.41 0.00	37.39 -1.58 0.00	30.82 -1.34 0.00	32.43 -1.15 0.00	26.04 -0.72 0.00	20.35 -0.25 0.00
OXBOW___BTM 323836	22.75 -0.84 0.00	21.34 -0.58 0.00	20.82 -0.17 0.00	21.01 -0.19 0.00	20.05 -0.34 0.00	15.68 -0.45 0.00	20.31 -0.57 0.00	21.69 -0.71 0.00	19.96 -0.62 0.00	19.82 -0.59 0.00	19.40 -0.37 0.00	18.87 -0.25 0.00	15.80 -0.27 0.00	18.54 -0.49 0.00	19.38 -0.67 0.00	18.77 -0.61 0.00	21.29 -0.85 0.00	26.45 -1.55 0.00	30.74 -1.77 0.00	36.94 -2.03 0.00	30.46 -1.71 0.00	32.05 -1.53 0.00	25.75 -1.01 0.00	20.19 -0.42 0.00
OXBOW___ 24026	22.75 -0.84 0.00	21.34 -0.58 0.00	20.82 -0.18 0.00	21.01 -0.19 0.00	20.05 -0.34 0.00	15.68 -0.45 0.00	20.31 -0.57 0.00	21.69 -0.71 0.00	19.95 -0.62 0.00	19.82 -0.59 0.00	19.39 -0.37 0.00	18.87 -0.25 0.00	15.80 -0.27 0.00	18.54 -0.49 0.00	19.38 -0.68 0.00	18.77 -0.61 0.00	21.29 -0.85 0.00	26.45 -1.56 0.00	30.74 -1.77 0.00	36.94 -2.03 0.00	30.46 -1.71 0.00	32.05 -1.53 0.00	25.75 -1.01 0.00	20.19 -0.42 0.00
OXY_CHEM_DSASP 323612	22.59 -1.01 0.00	21.22 -0.71 0.00	20.70 -0.29 0.00	20.89 -0.30 0.00	19.93 -0.46 0.00	15.58 -0.55 0.00	20.18 -0.71 0.00	21.51 -0.89 0.00	19.79 -0.78 0.00	19.68 -0.73 0.00	19.25 -0.52 0.00	18.72 -0.40 0.00	15.67 -0.39 0.00	18.41 -0.63 0.00	19.24 -0.82 0.00	18.63 -0.75 0.00	21.10 -1.05 0.00	26.19 -1.81 0.00	30.40 -2.10 0.00	36.51 -2.46 0.00	30.12 -2.05 0.00	31.70 -1.88 0.00	25.50 -1.27 0.00	20.05 -0.56 0.00
OZONE_PARK_ESR 323760	24.59 0.99 0.00	22.71 0.78 0.00	21.71 0.71 0.00	21.82 0.63 0.00	21.01 0.61 0.00	16.71 0.58 0.00	21.55 0.66 0.00	23.18 0.78 0.00	21.46 0.89 0.00	21.38 0.97 0.00	20.84 1.07 0.00	20.11 0.98 0.00	16.99 0.93 0.00	20.14 1.11 0.00	21.32 1.26 0.00	20.65 1.28 0.00	23.59 1.44 0.00	29.77 1.76 0.00	34.46 1.96 0.00	40.97 2.00 0.00	33.79 1.63 0.00	35.12 1.53 0.00	28.00 1.23 0.00	21.45 0.84 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.59 -1.01 0.00	21.22 -0.71 0.00	20.70 -0.29 0.00	20.89 -0.30 0.00	19.93 -0.46 0.00	15.58 -0.55 0.00	20.18 -0.71 0.00	21.51 -0.89 0.00	19.79 -0.78 0.00	19.68 -0.73 0.00	19.25 -0.52 0.00	18.72 -0.40 0.00	15.67 -0.39 0.00	18.41 -0.63 0.00	19.24 -0.82 0.00	18.63 -0.75 0.00	21.10 -1.05 0.00	26.19 -1.81 0.00	30.40 -2.10 0.00	36.51 -2.46 0.00	30.12 -2.05 0.00	31.70 -1.88 0.00	25.50 -1.27 0.00	20.05 -0.56 0.00
PACKARD__115KV_DUPONT_184 80571	22.59 -1.01 0.00	21.22 -0.71 0.00	20.70 -0.29 0.00	20.89 -0.30 0.00	19.93 -0.46 0.00	15.58 -0.55 0.00	20.18 -0.71 0.00	21.51 -0.89 0.00	19.79 -0.78 0.00	19.68 -0.73 0.00	19.25 -0.52 0.00	18.72 -0.40 0.00	15.67 -0.39 0.00	18.41 -0.63 0.00	19.24 -0.82 0.00	18.63 -0.75 0.00	21.10 -1.05 0.00	26.19 -1.81 0.00	30.40 -2.10 0.00	36.51 -2.46 0.00	30.12 -2.05 0.00	31.70 -1.88 0.00	25.50 -1.27 0.00	20.05 -0.56 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	24.41 0.81 0.00	22.53 0.61 0.00	21.51 0.51 0.00	21.63 0.43 0.00	20.85 0.46 0.00	16.58 0.45 0.00	21.35 0.46 0.00	23.01 0.61 0.00	21.30 0.72 0.00	21.20 0.78 0.00	20.65 0.88 0.00	19.95 0.83 0.00	16.83 0.77 0.00	19.96 0.92 0.00	21.11 1.06 0.00	20.43 1.06 0.00	23.34 1.19 0.00	29.48 1.48 0.00	34.15 1.64 0.00	40.59 1.62 0.00	33.48 1.32 0.00	34.77 1.19 0.00	27.76 0.99 0.00	21.28 0.68 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	24.94 1.34 0.00	23.02 1.10 0.00	22.01 1.01 0.00	22.12 0.92 0.00	21.33 0.94 0.00	16.97 0.84 0.00	21.86 0.97 0.00	23.57 1.17 0.00	21.81 1.23 0.00	21.68 1.27 0.00	21.10 1.33 0.00	20.40 1.28 0.00	17.22 1.15 0.00	20.40 1.37 0.00	21.58 1.53 0.00	20.91 1.53 0.00	23.86 1.71 0.00	30.15 2.15 0.00	34.93 2.43 0.00	41.50 2.53 0.00	34.25 2.08 0.00	35.59 2.00 0.00	28.39 1.62 0.00	21.76 1.16 0.00
PATROON__115KV_TB1 80586	23.78 0.18 0.00	22.08 0.16 0.00	21.13 0.14 0.00	21.32 0.12 0.00	20.50 0.10 0.00	16.26 0.12 0.00	21.03 0.14 0.00	22.55 0.15 0.00	20.72 0.14 0.00	20.53 0.11 0.00	19.90 0.13 0.00	19.26 0.14 0.00	16.23 0.17 0.00	19.26 0.22 0.00	20.34 0.28 0.00	19.68 0.30 0.00	22.48 0.33 0.00	28.46 0.46 0.00	32.86 0.36 0.00	39.30 0.33 0.00	32.43 0.26 0.00	33.82 0.23 0.00	26.90 0.13 0.00	20.73 0.12 0.00
PATTRSNVILLE___SOLAR 323815	24.18 0.58 0.00	22.44 0.51 0.00	21.48 0.48 0.00	21.68 0.49 0.00	20.85 0.46 0.00	16.52 0.38 0.00	21.38 0.49 0.00	22.85 0.45 0.00	20.80 0.22 0.00	20.51 0.10 0.00	19.83 0.07 0.00	19.18 0.06 0.00	16.17 0.11 0.00	19.24 0.21 0.00	20.26 0.20 0.00	19.60 0.22 0.00	22.50 0.35 0.00	28.52 0.52 0.00	33.27 0.77 0.00	40.04 1.07 0.00	33.07 0.90 0.00	34.47 0.89 0.00	27.45 0.69 0.00	21.10 0.49 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.84 -0.75 0.00	21.37 -0.55 0.00	20.81 -0.19 0.00	20.97 -0.22 0.00	20.06 -0.33 0.00	15.73 -0.40 0.00	20.41 -0.48 0.00	21.89 -0.50 0.00	20.13 -0.45 0.00	20.00 -0.41 0.00	19.55 -0.22 0.00	19.00 -0.12 0.00	15.91 -0.16 0.00	18.67 -0.36 0.00	19.52 -0.54 0.00	18.91 -0.46 0.00	21.50 -0.65 0.00	26.79 -1.21 0.00	31.23 -1.27 0.00	37.53 -1.44 0.00	30.91 -1.26 0.00	32.52 -1.07 0.00	26.05 -0.71 0.00	20.23 -0.37 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	24.45 0.85 0.00	22.60 0.68 0.00	21.61 0.62 0.00	21.75 0.56 0.00	20.93 0.53 0.00	16.63 0.50 0.00	21.48 0.59 0.00	23.10 0.70 0.00	21.34 0.77 0.00	21.22 0.80 0.00	20.64 0.87 0.00	19.92 0.80 0.00	16.82 0.76 0.00	19.97 0.93 0.00	21.11 1.06 0.00	20.45 1.08 0.00	23.39 1.24 0.00	29.58 1.58 0.00	34.25 1.74 0.00	40.80 1.83 0.00	33.63 1.46 0.00	34.96 1.38 0.00	27.83 1.07 0.00	21.31 0.71 0.00
PEEKSKILL___ 23653	24.25 0.65 0.00	22.41 0.49 0.00	21.43 0.43 0.00	21.56 0.37 0.00	20.75 0.36 0.00	16.50 0.37 0.00	21.30 0.41 0.00	22.89 0.49 0.00	21.16 0.58 0.00	21.04 0.63 0.00	20.47 0.70 0.00	19.75 0.64 0.00	16.69 0.62 0.00	19.81 0.77 0.00	20.95 0.90 0.00	20.28 0.91 0.00	23.18 1.03 0.00	29.28 1.28 0.00	33.90 1.40 0.00	40.38 1.41 0.00	33.27 1.11 0.00	34.61 1.02 0.00	27.59 0.82 0.00	21.14 0.53 0.00
PGE MADISON___WINDPWR 24146	24.57 0.98 0.00	22.70 0.77 0.00	21.83 0.84 0.00	21.98 0.78 0.00	21.13 0.73 0.00	16.75 0.61 0.00	21.71 0.82 0.00	23.29 0.89 0.00	21.24 0.66 0.00	20.90 0.49 0.00	20.20 0.43 0.00	19.52 0.39 0.00	16.40 0.33 0.00	19.36 0.32 0.00	20.36 0.30 0.00	19.55 0.17 0.00	22.36 0.21 0.00	28.59 0.59 0.00	33.88 1.37 0.00	41.23 2.26 0.00	33.96 1.79 0.00	35.51 1.92 0.00	28.25 1.49 0.00	21.57 0.96 0.00

PIERCEFIELD___HYD 23852	24.54 0.94 0.00	22.70 0.78 0.00	21.68 0.69 0.00	21.95 0.75 0.00	21.17 0.78 0.00	16.68 0.54 0.00	21.60 0.71 0.00	23.12 0.73 0.00	21.18 0.60 0.00	20.94 0.53 0.00	20.21 0.44 0.00	19.55 0.43 0.00	16.30 0.24 0.00	19.30 0.26 0.00	20.40 0.34 0.00	19.75 0.37 0.00	22.68 0.53 0.00	28.74 0.74 0.00	33.42 0.92 0.00	40.20 1.23 0.00	33.21 1.04 0.00	34.71 1.13 0.00	27.63 0.86 0.00	21.37 0.76 0.00
PINELAWN_CC_1 323563	24.65 1.05 0.00	22.70 0.78 0.00	21.70 0.70 0.00	21.82 0.63 0.00	20.95 0.56 0.00	16.63 0.50 0.00	21.40 0.51 0.00	23.01 0.61 0.00	21.30 0.72 0.00	21.19 0.78 0.00	20.71 0.94 0.00	19.99 0.87 0.00	16.84 0.78 0.00	20.02 0.99 0.00	21.28 1.23 0.00	20.65 1.27 0.00	23.60 1.44 -0.01	29.80 1.80 0.00	34.41 1.90 0.00	40.81 1.84 0.00	33.58 1.41 0.00	34.92 1.34 0.00	27.89 1.13 0.00	21.39 0.79 0.00
PJM_GEN_HTP_PROXY 323702	24.35 0.76 0.00	22.50 0.57 0.00	21.52 0.52 0.00	21.64 0.44 0.00	20.83 0.44 0.00	16.58 0.44 0.00	21.38 0.49 0.00	23.04 0.59 -0.05	21.30 0.72 0.00	21.22 0.80 0.00	20.67 0.90 0.00	19.93 0.81 0.00	16.84 0.77 0.00	19.97 0.94 0.00	21.13 1.08 0.00	20.47 1.09 0.00	23.37 1.22 0.00	29.48 1.48 0.00	34.12 1.61 0.00	40.57 1.60 0.00	33.45 1.28 0.00	34.77 1.18 0.00	27.72 0.96 0.00	21.25 0.64 0.00
PJM_GEN_KEystone 24065	23.35 -0.25 0.00	21.69 -0.23 0.00	20.88 -0.12 0.00	21.02 -0.18 0.00	20.22 -0.17 0.00	16.02 -0.12 0.00	20.73 -0.16 0.00	22.32 -0.13 -0.05	20.51 -0.06 0.00	20.41 -0.01 0.00	19.88 0.12 0.00	19.21 0.09 0.00	16.16 0.10 0.00	19.10 0.06 0.00	20.12 0.07 0.00	19.49 0.12 0.00	22.25 0.10 0.00	27.96 -0.05 0.00	32.49 -0.01 0.00	38.92 -0.12 -0.06	31.41 -0.23 0.53	33.38 -0.21 0.00	26.66 -0.11 0.00	20.48 -0.12 0.00
PJM_GEN_NEPTUNE_PROXY 323594	24.40 0.80 0.00	22.50 0.58 0.00	21.52 0.52 0.00	21.65 0.45 0.00	20.80 0.41 0.00	16.52 0.38 0.00	21.26 0.37 0.00	22.90 0.45 -0.05	21.16 0.58 0.00	21.07 0.66 0.00	20.59 0.82 0.00	19.87 0.75 0.00	16.77 0.70 0.00	19.91 0.88 0.00	21.13 1.08 0.00	20.48 1.10 0.00	23.37 1.22 -0.01	29.47 1.47 0.00	34.04 1.54 0.00	40.41 1.44 0.00	33.25 1.09 0.00	34.62 1.04 0.00	27.64 0.88 0.00	21.21 0.60 0.00
PJM_GEN_VFT_PROXY 323633	24.27 0.68 0.00	22.42 0.50 0.00	21.44 0.45 0.00	21.55 0.36 0.00	20.77 0.38 0.00	16.53 0.40 0.00	21.29 0.40 0.00	22.96 0.51 -0.05	21.22 0.64 0.00	21.14 0.72 0.00	20.60 0.83 0.00	19.87 0.75 0.00	16.79 0.73 0.00	19.92 0.88 0.00	21.07 1.01 0.00	20.41 1.03 0.00	23.29 1.14 0.00	29.40 1.39 0.00	34.01 1.51 0.00	40.45 1.48 0.00	33.36 1.19 0.00	34.65 1.07 0.00	27.65 0.88 0.00	21.20 0.59 0.00
PLATSBURG_115KV_PMLD1 355749	24.26 0.66 0.00	22.49 0.57 0.00	21.49 0.49 0.00	21.72 0.53 0.00	20.95 0.56 0.00	16.54 0.41 0.00	21.44 0.55 0.00	22.98 0.58 0.00	21.07 0.49 0.00	20.79 0.37 0.00	19.86 0.10 0.00	19.25 0.13 0.00	16.07 0.01 0.00	19.09 0.05 0.00	20.25 0.19 0.00	19.59 0.21 0.00	22.53 0.38 0.00	28.77 0.77 0.00	33.34 0.84 0.00	40.05 1.08 0.00	33.02 0.85 0.00	34.44 0.86 0.00	27.41 0.64 0.00	21.15 0.54 0.00
PLEASANTVLY___LBMP 24000	24.17 0.57 0.00	22.36 0.44 0.00	21.39 0.39 0.00	21.53 0.34 0.00	20.72 0.33 0.00	16.46 0.33 0.00	21.27 0.37 0.00	22.85 0.45 0.00	21.10 0.53 0.00	20.98 0.56 0.00	20.40 0.63 0.00	19.68 0.56 0.00	16.61 0.54 0.00	19.71 0.68 0.00	20.84 0.79 0.00	20.18 0.80 0.00	23.06 0.92 0.00	29.15 1.15 0.00	33.72 1.22 0.00	40.19 1.22 0.00	33.14 0.97 0.00	34.48 0.90 0.00	27.46 0.70 0.00	21.05 0.45 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	24.33 0.73 0.00	22.49 0.57 0.00	21.50 0.51 0.00	21.64 0.45 0.00	20.82 0.43 0.00	16.56 0.42 0.00	21.37 0.48 0.00	22.97 0.57 0.00	21.24 0.66 0.00	21.13 0.72 0.00	20.57 0.80 0.00	19.85 0.73 0.00	16.76 0.69 0.00	19.89 0.85 0.00	21.03 0.98 0.00	20.37 1.00 0.00	23.28 1.14 0.00	29.41 1.40 0.00	34.02 1.52 0.00	40.51 1.54 0.00	33.40 1.23 0.00	34.72 1.14 0.00	27.67 0.91 0.00	21.21 0.60 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	24.33 0.73 0.00	22.49 0.57 0.00	21.50 0.51 0.00	21.64 0.45 0.00	20.82 0.43 0.00	16.56 0.42 0.00	21.37 0.48 0.00	22.97 0.57 0.00	21.24 0.66 0.00	21.13 0.72 0.00	20.57 0.80 0.00	19.85 0.73 0.00	16.76 0.69 0.00	19.89 0.85 0.00	21.03 0.98 0.00	20.37 1.00 0.00	23.28 1.14 0.00	29.41 1.40 0.00	34.02 1.52 0.00	40.51 1.54 0.00	33.40 1.23 0.00	34.72 1.14 0.00	27.67 0.91 0.00	21.21 0.60 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.33 0.74 0.00	22.51 0.58 0.00	21.53 0.53 0.00	21.67 0.48 0.00	20.84 0.45 0.00	16.56 0.43 0.00	21.40 0.51 0.00	23.01 0.61 0.00	21.23 0.66 0.00	21.09 0.68 0.00	20.49 0.73 0.00	19.77 0.66 0.00	16.69 0.63 0.00	19.81 0.77 0.00	20.93 0.87 0.00	20.28 0.90 0.00	23.22 1.07 0.00	29.39 1.39 0.00	34.04 1.53 0.00	40.58 1.61 0.00	33.45 1.29 0.00	34.79 1.21 0.00	27.68 0.92 0.00	21.21 0.60 0.00
POLETTI____ 23519	24.31 0.71 0.00	22.45 0.53 0.00	21.48 0.48 0.00	21.59 0.40 0.00	20.79 0.40 0.00	16.55 0.42 0.00	21.33 0.43 0.00	22.93 0.54 0.00	21.24 0.66 0.00	21.17 0.76 0.00	20.64 0.87 0.00	19.91 0.79 0.00	16.82 0.76 0.00	19.95 0.91 0.00	21.10 1.05 0.00	20.43 1.05 0.00	23.32 1.17 0.00	29.42 1.42 0.00	34.04 1.54 0.00	40.48 1.51 0.00	33.39 1.22 0.00	34.70 1.12 0.00	27.66 0.90 0.00	21.22 0.61 0.00
POMONA___ESR 323819	24.28 0.69 0.00	22.43 0.51 0.00	21.45 0.45 0.00	21.59 0.39 0.00	20.78 0.39 0.00	16.52 0.39 0.00	21.33 0.44 0.00	22.92 0.52 0.00	21.17 0.59 0.00	21.06 0.64 0.00	20.48 0.71 0.00	19.78 0.66 0.00	16.72 0.65 0.00	19.84 0.80 0.00	20.98 0.92 0.00	20.31 0.93 0.00	23.22 1.06 0.00	29.32 1.32 0.00	33.95 1.45 0.00	40.46 1.49 0.00	33.32 1.15 0.00	34.64 1.05 0.00	27.63 0.87 0.00	21.17 0.56 0.00
PORT_JEFF_3 23555	24.58 0.98 0.00	22.62 0.70 0.00	21.63 0.63 0.00	21.75 0.56 0.00	20.88 0.49 0.00	16.57 0.44 0.00	21.32 0.43 0.00	22.91 0.51 0.00	21.22 0.64 0.00	21.14 0.72 0.00	20.68 0.91 0.00	19.96 0.83 0.00	16.81 0.75 0.00	20.00 0.96 0.00	21.27 1.22 0.00	20.65 1.27 0.00	23.60 1.44 -0.01	29.79 1.79 0.00	34.42 1.91 0.00	40.76 1.79 0.00	33.47 1.30 0.00	34.81 1.23 0.00	27.79 1.03 0.00	21.35 0.75 0.00
PORT_JEFF_4 23616	24.58 0.98 0.00	22.62 0.70 0.00	21.63 0.63 0.00	21.75 0.56 0.00	20.88 0.49 0.00	16.57 0.44 0.00	21.32 0.43 0.00	22.91 0.51 0.00	21.22 0.64 0.00	21.14 0.72 0.00	20.68 0.91 0.00	19.96 0.83 0.00	16.81 0.75 0.00	20.00 0.96 0.00	21.27 1.22 0.00	20.65 1.27 0.00	23.60 1.44 -0.01	29.79 1.79 0.00	34.42 1.91 0.00	40.76 1.79 0.00	33.47 1.30 0.00	34.81 1.23 0.00	27.79 1.03 0.00	21.35 0.75 0.00

PORT_JEFF_IC 23713	24.59 1.00 0.00	22.63 0.70 0.00	21.63 0.63 0.00	21.76 0.56 0.00	20.88 0.49 0.00	16.58 0.44 0.00	21.33 0.43 0.00	22.92 0.52 0.00	21.23 0.65 0.00	21.15 0.74 0.00	20.70 0.93 0.00	19.97 0.85 0.00	16.83 0.76 0.00	20.02 0.98 0.00	21.30 1.24 0.00	20.68 1.30 0.00	23.64 1.48 -0.01	29.84 1.84 0.00	34.48 1.98 0.00	40.82 1.85 0.00	33.51 1.34 0.00	34.85 1.26 0.00	27.83 1.06 0.00	21.37 0.76 0.00
PPL PILGRIM_ST_GT1 24216	24.73 1.13 0.00	22.77 0.85 0.00	21.77 0.78 0.00	21.89 0.70 0.00	21.03 0.64 0.00	16.69 0.55 0.00	21.46 0.57 0.00	23.06 0.66 0.00	21.35 0.78 0.00	21.27 0.85 0.00	20.80 1.03 0.00	20.07 0.95 0.00	16.90 0.84 0.00	20.10 1.06 0.00	21.38 1.33 0.00	20.74 1.36 0.00	23.68 1.52 -0.01	29.89 1.89 0.00	34.52 2.01 0.00	40.90 1.93 0.00	33.61 1.44 0.00	34.98 1.40 0.00	27.95 1.19 0.00	21.47 0.86 0.00
PPL PILGRIM_ST_GT2 24217	24.73 1.13 0.00	22.77 0.85 0.00	21.77 0.78 0.00	21.89 0.70 0.00	21.03 0.64 0.00	16.69 0.55 0.00	21.46 0.57 0.00	23.06 0.66 0.00	21.35 0.78 0.00	21.27 0.85 0.00	20.80 1.03 0.00	20.07 0.95 0.00	16.90 0.84 0.00	20.10 1.06 0.00	21.38 1.33 0.00	20.74 1.36 0.00	23.68 1.52 -0.01	29.89 1.89 0.00	34.52 2.01 0.00	40.90 1.93 0.00	33.61 1.44 0.00	34.98 1.40 0.00	27.95 1.19 0.00	21.47 0.86 0.00
PPL_SHRM_GT3 24213	24.35 0.75 0.00	22.37 0.45 0.00	21.37 0.38 0.00	21.51 0.32 0.00	20.64 0.25 0.00	16.38 0.25 0.00	21.09 0.21 0.00	22.66 0.27 0.00	20.98 0.41 0.00	20.91 0.49 0.00	20.45 0.68 0.00	19.73 0.61 0.00	16.62 0.55 0.00	19.78 0.74 0.00	21.05 0.99 0.00	20.46 1.08 0.00	23.43 1.27 -0.01	29.60 1.60 0.00	34.22 1.72 0.00	40.50 1.53 0.00	33.23 1.06 0.00	34.52 0.93 0.00	27.55 0.78 0.00	21.16 0.55 0.00
PPL_SHRM_GT4 24214	24.35 0.75 0.00	22.37 0.45 0.00	21.37 0.38 0.00	21.51 0.32 0.00	20.64 0.25 0.00	16.38 0.25 0.00	21.09 0.21 0.00	22.66 0.27 0.00	20.98 0.41 0.00	20.91 0.49 0.00	20.45 0.68 0.00	19.73 0.61 0.00	16.62 0.55 0.00	19.78 0.74 0.00	21.05 0.99 0.00	20.46 1.08 0.00	23.43 1.27 -0.01	29.60 1.60 0.00	34.22 1.72 0.00	40.50 1.53 0.00	33.23 1.06 0.00	34.52 0.93 0.00	27.55 0.78 0.00	21.16 0.55 0.00
PROJECT___ORANGE 1 24174	23.11 -0.49 0.00	21.55 -0.38 0.00	20.68 -0.31 0.00	20.87 -0.33 0.00	20.06 -0.33 0.00	15.88 -0.26 0.00	20.56 -0.33 0.00	22.04 -0.36 0.00	20.21 -0.37 0.00	20.06 -0.35 0.00	19.48 -0.29 0.00	18.88 -0.24 0.00	15.87 -0.20 0.00	18.76 -0.27 0.00	19.70 -0.35 0.00	18.97 -0.40 0.00	21.64 -0.51 0.00	27.33 -0.67 0.00	31.86 -0.65 0.00	38.24 -0.73 0.00	31.54 -0.62 0.00	32.95 -0.63 0.00	26.32 -0.45 0.00	20.25 -0.35 0.00
PROJECT___ORANGE 2 24166	23.11 -0.49 0.00	21.55 -0.38 0.00	20.68 -0.31 0.00	20.87 -0.33 0.00	20.06 -0.33 0.00	15.88 -0.26 0.00	20.56 -0.33 0.00	22.04 -0.36 0.00	20.21 -0.37 0.00	20.06 -0.35 0.00	19.48 -0.29 0.00	18.88 -0.24 0.00	15.87 -0.20 0.00	18.76 -0.27 0.00	19.70 -0.35 0.00	18.97 -0.40 0.00	21.64 -0.51 0.00	27.33 -0.67 0.00	31.86 -0.65 0.00	38.24 -0.73 0.00	31.54 -0.62 0.00	32.95 -0.63 0.00	26.32 -0.45 0.00	20.25 -0.35 0.00
PUCKETT___SOLAR 323809	23.59 -0.01 0.00	21.85 -0.07 0.00	21.02 0.02 0.00	21.17 -0.03 0.00	20.35 -0.04 0.00	16.12 -0.02 0.00	20.89 -0.01 0.00	22.40 0.00 0.00	20.49 -0.09 0.00	20.26 -0.15 0.00	19.62 -0.15 0.00	18.96 -0.16 0.00	15.95 -0.12 0.00	18.87 -0.17 0.00	19.80 -0.26 0.00	19.11 -0.27 0.00	21.93 -0.22 0.00	27.81 -0.19 0.00	32.58 0.08 0.00	39.31 0.34 0.00	32.38 0.21 0.00	33.88 0.30 0.00	27.00 0.23 0.00	20.71 0.10 0.00
PYRITES___HYD 24023	24.98 1.39 0.00	23.12 1.20 0.00	22.07 1.08 0.00	22.33 1.14 0.00	21.53 1.14 0.00	16.96 0.83 0.00	21.98 1.09 0.00	23.52 1.12 0.00	21.49 0.91 0.00	21.16 0.75 0.00	20.52 0.75 0.00	19.88 0.76 0.00	16.55 0.48 0.00	19.45 0.42 0.00	20.66 0.60 0.00	20.03 0.65 0.00	22.95 0.80 0.00	29.12 1.11 0.00	34.00 1.50 0.00	40.98 2.01 0.00	33.86 1.69 0.00	35.37 1.79 0.00	28.14 1.37 0.00	21.75 1.14 0.00
QUAKERRD_115KV_BK1 80622	22.68 -0.92 0.00	21.18 -0.74 0.00	20.46 -0.53 0.00	20.64 -0.55 0.00	19.79 -0.60 0.00	15.58 -0.56 0.00	20.19 -0.70 0.00	21.64 -0.76 0.00	19.86 -0.72 0.00	19.71 -0.71 0.00	19.20 -0.58 0.00	18.65 -0.47 0.00	15.64 -0.43 0.00	18.42 -0.61 0.00	19.31 -0.75 0.00	18.66 -0.72 0.00	21.20 -0.95 0.00	26.70 -1.30 0.00	31.15 -1.35 0.00	37.42 -1.55 0.00	30.86 -1.30 0.00	32.31 -1.28 0.00	25.81 -0.95 0.00	19.97 -0.64 0.00
QUENSBRY_115KV_TB8 356137	24.97 1.38 0.00	23.17 1.25 0.00	22.17 1.18 0.00	22.38 1.19 0.00	21.49 1.10 0.00	17.04 0.91 0.00	22.11 1.22 0.00	23.71 1.32 0.00	21.65 1.07 0.00	21.34 0.92 0.00	20.48 0.71 0.00	19.89 0.77 0.00	16.76 0.69 0.00	19.92 0.88 0.00	21.03 0.97 0.00	20.41 1.04 0.00	23.45 1.31 0.00	30.03 2.03 0.00	34.72 2.21 0.00	41.71 2.73 0.00	34.38 2.21 0.00	35.80 2.22 0.00	28.39 1.62 0.00	21.74 1.14 0.00
RAMAPO___LBMP 323565	24.15 0.55 0.00	22.32 0.40 0.00	21.34 0.35 0.00	21.48 0.28 0.00	20.68 0.29 0.00	16.44 0.31 0.00	21.23 0.34 0.00	22.80 0.41 0.00	21.06 0.49 0.00	20.94 0.53 0.00	20.36 0.59 0.00	19.67 0.54 0.00	16.61 0.54 0.00	19.72 0.68 0.00	20.84 0.79 0.00	20.18 0.81 0.00	23.07 0.92 0.00	29.14 1.13 0.00	33.76 1.26 0.00	40.25 1.28 0.00	33.14 0.97 0.00	34.47 0.88 0.00	27.50 0.73 0.00	21.07 0.46 0.00
RANKINE____ 23646	22.94 -0.66 0.00	21.47 -0.46 0.00	20.91 -0.08 0.00	21.08 -0.12 0.00	20.14 -0.25 0.00	15.79 -0.35 0.00	20.48 -0.42 0.00	21.94 -0.46 0.00	20.17 -0.41 0.00	20.04 -0.37 0.00	19.59 -0.17 0.00	19.03 -0.09 0.00	15.94 -0.12 0.00	18.72 -0.32 0.00	19.57 -0.49 0.00	18.96 -0.41 0.00	21.53 -0.62 0.00	26.80 -1.20 0.00	31.25 -1.26 0.00	37.59 -1.38 0.00	30.95 -1.22 0.00	32.57 -1.02 0.00	26.12 -0.64 0.00	20.32 -0.28 0.00
RAVENSWOOD_GT2_1 24244	24.38 0.78 0.00	22.52 0.60 0.00	21.54 0.55 0.00	21.66 0.46 0.00	20.86 0.47 0.00	16.59 0.46 0.00	21.40 0.51 0.00	23.01 0.61 0.00	21.30 0.72 0.00	21.22 0.81 0.00	20.68 0.91 0.00	19.95 0.83 0.00	16.86 0.79 0.00	19.99 0.95 0.00	21.14 1.09 0.00	20.48 1.10 0.00	23.39 1.24 0.00	29.51 1.51 0.00	34.15 1.65 0.00	40.60 1.63 0.00	33.48 1.32 0.00	34.80 1.22 0.00	27.74 0.98 0.00	21.27 0.66 0.00
RAVENSWOOD_GT2_2 24245	24.38 0.78 0.00	22.52 0.60 0.00	21.54 0.55 0.00	21.66 0.46 0.00	20.86 0.47 0.00	16.59 0.46 0.00	21.40 0.51 0.00	23.01 0.61 0.00	21.30 0.72 0.00	21.22 0.81 0.00	20.68 0.91 0.00	19.95 0.83 0.00	16.86 0.79 0.00	19.99 0.95 0.00	21.14 1.09 0.00	20.48 1.10 0.00	23.39 1.24 0.00	29.51 1.51 0.00	34.15 1.65 0.00	40.60 1.63 0.00	33.48 1.32 0.00	34.80 1.22 0.00	27.74 0.98 0.00	21.27 0.66 0.00



RAVENSWOOD_GT2_3 24246	24.39 0.79 0.00	22.53 0.61 0.00	21.54 0.55 0.00	21.67 0.48 0.00	20.87 0.48 0.00	16.60 0.47 0.00	21.41 0.52 0.00	23.02 0.62 0.00	21.32 0.74 0.00	21.23 0.82 0.00	20.69 0.92 0.00	19.96 0.84 0.00	16.86 0.80 0.00	20.00 0.96 0.00	21.16 1.10 0.00	20.49 1.11 0.00	23.39 1.25 0.00	29.53 1.53 0.00	34.17 1.67 0.00	40.62 1.65 0.00	33.49 1.32 0.00	34.81 1.23 0.00	27.76 0.99 0.00	21.28 0.67 0.00
RAVENSWOOD_GT2_4 24247	24.39 0.79 0.00	22.53 0.61 0.00	21.54 0.55 0.00	21.67 0.48 0.00	20.87 0.48 0.00	16.60 0.47 0.00	21.41 0.52 0.00	23.02 0.62 0.00	21.32 0.74 0.00	21.23 0.82 0.00	20.69 0.92 0.00	19.96 0.84 0.00	16.86 0.80 0.00	20.00 0.96 0.00	21.16 1.10 0.00	20.49 1.11 0.00	23.39 1.25 0.00	29.53 1.53 0.00	34.17 1.67 0.00	40.62 1.65 0.00	33.49 1.32 0.00	34.81 1.23 0.00	27.76 0.99 0.00	21.28 0.67 0.00
RAVENSWOOD_GT3_1 24248	24.38 0.78 0.00	22.52 0.60 0.00	21.54 0.55 0.00	21.66 0.46 0.00	20.86 0.47 0.00	16.59 0.46 0.00	21.40 0.51 0.00	23.01 0.61 0.00	21.30 0.73 0.00	21.22 0.81 0.00	20.68 0.91 0.00	19.95 0.83 0.00	16.86 0.79 0.00	19.99 0.95 0.00	21.14 1.09 0.00	20.48 1.10 0.00	23.39 1.24 0.00	29.51 1.51 0.00	34.15 1.65 0.00	40.60 1.63 0.00	33.48 1.32 0.00	34.80 1.22 0.00	27.74 0.98 0.00	21.27 0.66 0.00
RAVENSWOOD_GT3_2 24249	24.38 0.78 0.00	22.52 0.60 0.00	21.54 0.55 0.00	21.66 0.46 0.00	20.86 0.47 0.00	16.59 0.46 0.00	21.40 0.51 0.00	23.01 0.61 0.00	21.30 0.73 0.00	21.22 0.81 0.00	20.68 0.91 0.00	19.95 0.83 0.00	16.86 0.79 0.00	19.99 0.95 0.00	21.14 1.09 0.00	20.48 1.10 0.00	23.39 1.24 0.00	29.51 1.51 0.00	34.15 1.65 0.00	40.60 1.63 0.00	33.48 1.32 0.00	34.80 1.22 0.00	27.74 0.98 0.00	21.27 0.66 0.00
RAVENSWOOD_GT3_3 24250	24.41 0.82 0.00	22.55 0.63 0.00	21.56 0.57 0.00	21.69 0.50 0.00	20.89 0.50 0.00	16.62 0.48 0.00	21.42 0.54 0.00	23.04 0.65 0.00	21.34 0.76 0.00	21.25 0.84 0.00	20.71 0.94 0.00	19.98 0.86 0.00	16.88 0.82 0.00	20.02 0.98 0.00	21.18 1.12 0.00	20.51 1.13 0.00	23.42 1.27 0.00	29.56 1.56 0.00	34.20 1.70 0.00	40.67 1.70 0.00	33.53 1.36 0.00	34.85 1.26 0.00	27.78 1.02 0.00	21.30 0.70 0.00
RAVENSWOOD_GT3_4 24251	24.41 0.82 0.00	22.55 0.63 0.00	21.56 0.57 0.00	21.69 0.50 0.00	20.89 0.50 0.00	16.62 0.48 0.00	21.42 0.54 0.00	23.04 0.65 0.00	21.34 0.76 0.00	21.25 0.84 0.00	20.71 0.94 0.00	19.98 0.86 0.00	16.88 0.82 0.00	20.02 0.98 0.00	21.18 1.12 0.00	20.51 1.13 0.00	23.42 1.27 0.00	29.56 1.56 0.00	34.20 1.70 0.00	40.67 1.70 0.00	33.53 1.36 0.00	34.85 1.26 0.00	27.78 1.02 0.00	21.30 0.70 0.00
RAVENSWOOD_GT_1 23729	24.41 0.81 0.00	22.54 0.63 0.00	21.54 0.55 0.00	21.65 0.46 0.00	20.86 0.47 0.00	16.61 0.47 0.00	21.39 0.50 0.00	23.01 0.62 0.00	21.33 0.75 0.00	21.24 0.82 0.00	20.70 0.93 0.00	19.99 0.87 0.00	16.89 0.82 0.00	20.01 0.98 0.00	21.16 1.11 0.00	20.48 1.11 0.00	23.38 1.23 0.00	29.52 1.52 0.00	34.17 1.67 0.00	40.60 1.63 0.00	33.50 1.33 0.00	34.80 1.22 0.00	27.76 1.00 0.00	21.29 0.69 0.00
RAVENSWOOD_GT_10 24258	24.38 0.78 0.00	22.52 0.60 0.00	21.54 0.55 0.00	21.66 0.46 0.00	20.86 0.47 0.00	16.60 0.46 0.00	21.40 0.51 0.00	23.01 0.61 0.00	21.30 0.73 0.00	21.22 0.81 0.00	20.68 0.91 0.00	19.95 0.83 0.00	16.86 0.79 0.00	19.99 0.95 0.00	21.14 1.09 0.00	20.48 1.10 0.00	23.39 1.24 0.00	29.51 1.51 0.00	34.15 1.65 0.00	40.61 1.63 0.00	33.48 1.32 0.00	34.80 1.22 0.00	27.74 0.98 0.00	21.27 0.66 0.00
RAVENSWOOD_GT_11 24259	24.38 0.78 0.00	22.52 0.60 0.00	21.54 0.55 0.00	21.66 0.46 0.00	20.86 0.47 0.00	16.60 0.46 0.00	21.40 0.51 0.00	23.01 0.61 0.00	21.30 0.73 0.00	21.22 0.81 0.00	20.68 0.91 0.00	19.95 0.83 0.00	16.86 0.79 0.00	19.99 0.95 0.00	21.14 1.09 0.00	20.48 1.10 0.00	23.39 1.24 0.00	29.51 1.51 0.00	34.15 1.65 0.00	40.61 1.63 0.00	33.48 1.32 0.00	34.80 1.22 0.00	27.74 0.98 0.00	21.27 0.66 0.00
RAVENSWOOD_GT_4 24252	24.38 0.78 0.00	22.52 0.60 0.00	21.54 0.55 0.00	21.66 0.46 0.00	20.86 0.47 0.00	16.60 0.46 0.00	21.40 0.51 0.00	23.01 0.62 0.00	21.30 0.73 0.00	21.22 0.81 0.00	20.68 0.91 0.00	19.95 0.83 0.00	16.86 0.79 0.00	19.99 0.95 0.00	21.14 1.09 0.00	20.48 1.10 0.00	23.39 1.24 0.00	29.51 1.51 0.00	34.15 1.65 0.00	40.61 1.63 0.00	33.48 1.32 0.00	34.80 1.22 0.00	27.74 0.98 0.00	21.27 0.66 0.00
RAVENSWOOD_GT_5 24254	24.38 0.78 0.00	22.52 0.60 0.00	21.54 0.55 0.00	21.66 0.46 0.00	20.86 0.47 0.00	16.60 0.46 0.00	21.40 0.51 0.00	23.01 0.62 0.00	21.30 0.73 0.00	21.22 0.81 0.00	20.68 0.91 0.00	19.95 0.83 0.00	16.86 0.79 0.00	19.99 0.95 0.00	21.14 1.09 0.00	20.48 1.10 0.00	23.39 1.24 0.00	29.51 1.51 0.00	34.15 1.65 0.00	40.61 1.63 0.00	33.48 1.32 0.00	34.80 1.22 0.00	27.74 0.98 0.00	21.27 0.66 0.00
RAVENSWOOD_GT_6 24253	24.38 0.78 0.00	22.52 0.60 0.00	21.54 0.55 0.00	21.66 0.46 0.00	20.86 0.47 0.00	16.60 0.46 0.00	21.40 0.51 0.00	23.01 0.62 0.00	21.30 0.73 0.00	21.22 0.81 0.00	20.68 0.91 0.00	19.95 0.83 0.00	16.86 0.79 0.00	19.99 0.95 0.00	21.14 1.09 0.00	20.48 1.10 0.00	23.39 1.24 0.00	29.51 1.51 0.00	34.15 1.65 0.00	40.61 1.63 0.00	33.48 1.32 0.00	34.80 1.22 0.00	27.74 0.98 0.00	21.27 0.66 0.00
RAVENSWOOD_GT_7 24255	24.38 0.78 0.00	22.52 0.60 0.00	21.54 0.55 0.00	21.66 0.46 0.00	20.86 0.47 0.00	16.60 0.46 0.00	21.40 0.51 0.00	23.01 0.62 0.00	21.30 0.73 0.00	21.22 0.81 0.00	20.68 0.91 0.00	19.95 0.83 0.00	16.86 0.79 0.00	19.99 0.95 0.00	21.14 1.09 0.00	20.48 1.10 0.00	23.39 1.24 0.00	29.51 1.51 0.00	34.15 1.65 0.00	40.61 1.63 0.00	33.48 1.32 0.00	34.80 1.22 0.00	27.74 0.98 0.00	21.27 0.66 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.38 0.78 0.00	22.52 0.60 0.00	21.54 0.55 0.00	21.66 0.46 0.00	20.86 0.47 0.00	16.60 0.46 0.00	21.40 0.51 0.00	23.01 0.61 0.00	21.30 0.73 0.00	21.22 0.81 0.00	20.68 0.91 0.00	19.95 0.83 0.00	16.86 0.79 0.00	19.99 0.95 0.00	21.14 1.09 0.00	20.48 1.10 0.00	23.39 1.24 0.00	29.51 1.51 0.00	34.15 1.65 0.00	40.61 1.63 0.00	33.48 1.32 0.00	34.80 1.22 0.00	27.74 0.98 0.00	21.27 0.66 0.00
RAVENSWOOD_GT_9 24257	24.38 0.78 0.00	22.52 0.60 0.00	21.54 0.55 0.00	21.66 0.46 0.00	20.86 0.47 0.00	16.60 0.46 0.00	21.40 0.51 0.00	23.01 0.61 0.00	21.30 0.73 0.00	21.22 0.81 0.00	20.68 0.91 0.00	19.95 0.83 0.00	16.86 0.79 0.00	19.99 0.95 0.00	21.14 1.09 0.00	20.48 1.10 0.00	23.39 1.24 0.00	29.51 1.51 0.00	34.15 1.65 0.00	40.61 1.63 0.00	33.48 1.32 0.00	34.80 1.22 0.00	27.74 0.98 0.00	21.27 0.66 0.00

RAVENSWOOD___1 23533	24.41 0.81 0.00	22.54 0.63 0.00	21.54 0.55 0.00	21.65 0.45 0.00	20.86 0.47 0.00	16.61 0.47 0.00	21.39 0.50 0.00	23.01 0.62 0.00	21.33 0.75 0.00	21.24 0.82 0.00	20.70 0.93 0.00	19.99 0.87 0.00	16.88 0.82 0.00	20.01 0.98 0.00	21.16 1.11 0.00	20.48 1.11 0.00	23.38 1.23 0.00	29.52 1.52 0.00	34.17 1.67 0.00	40.60 1.63 0.00	33.50 1.33 0.00	34.80 1.22 0.00	27.77 1.00 0.00	21.29 0.69 0.00
RAVENSWOOD___2 23534	24.41 0.81 0.00	22.54 0.63 0.00	21.54 0.55 0.00	21.65 0.45 0.00	20.86 0.47 0.00	16.61 0.47 0.00	21.39 0.50 0.00	23.01 0.62 0.00	21.33 0.75 0.00	21.24 0.82 0.00	20.70 0.93 0.00	19.99 0.87 0.00	16.88 0.82 0.00	20.01 0.98 0.00	21.16 1.11 0.00	20.48 1.11 0.00	23.38 1.23 0.00	29.52 1.52 0.00	34.17 1.67 0.00	40.60 1.63 0.00	33.50 1.33 0.00	34.80 1.22 0.00	27.77 1.00 0.00	21.29 0.69 0.00
RAVENSWOOD___3 23535	24.38 0.78 0.00	22.52 0.60 0.00	21.54 0.55 0.00	21.66 0.46 0.00	20.86 0.47 0.00	16.60 0.46 0.00	21.40 0.51 0.00	23.01 0.62 0.00	21.30 0.73 0.00	21.22 0.81 0.00	20.68 0.91 0.00	19.95 0.83 0.00	16.86 0.79 0.00	19.99 0.95 0.00	21.14 1.09 0.00	20.48 1.10 0.00	23.39 1.24 0.00	29.51 1.51 0.00	34.15 1.65 0.00	40.61 1.64 0.00	33.48 1.32 0.00	34.80 1.22 0.00	27.74 0.98 0.00	21.27 0.66 0.00
RAVENSWOOD___4 23820	24.41 0.81 0.00	22.54 0.63 0.00	21.54 0.55 0.00	21.65 0.45 0.00	20.86 0.47 0.00	16.61 0.47 0.00	21.39 0.50 0.00	23.01 0.62 0.00	21.33 0.75 0.00	21.24 0.82 0.00	20.70 0.93 0.00	19.99 0.87 0.00	16.88 0.82 0.00	20.01 0.98 0.00	21.16 1.11 0.00	20.48 1.11 0.00	23.38 1.23 0.00	29.52 1.52 0.00	34.17 1.67 0.00	40.60 1.63 0.00	33.50 1.33 0.00	34.80 1.22 0.00	27.77 1.00 0.00	21.29 0.69 0.00
RCPL_TRUST___DRP 24196	24.38 0.78 0.00	22.52 0.60 0.00	21.56 0.56 0.00	21.68 0.49 0.00	20.87 0.48 0.00	16.60 0.47 0.00	21.40 0.52 0.00	23.02 0.63 0.00	21.32 0.74 0.00	21.25 0.83 0.00	20.70 0.93 0.00	19.96 0.84 0.00	16.86 0.80 0.00	20.01 0.97 0.00	21.16 1.11 0.00	20.50 1.12 0.00	23.40 1.25 0.00	29.53 1.53 0.00	34.17 1.67 0.00	40.62 1.64 0.00	33.49 1.32 0.00	34.81 1.23 0.00	27.76 1.00 0.00	21.28 0.67 0.00
RED___ROCHESTER 323720	23.28 -0.32 0.00	21.74 -0.18 0.00	21.03 0.03 0.00	21.21 0.01 0.00	20.31 -0.08 0.00	15.97 -0.16 0.00	20.71 -0.19 0.00	22.19 -0.20 0.00	20.36 -0.21 0.00	20.22 -0.20 0.00	19.72 -0.05 0.00	19.17 0.05 0.00	16.07 0.00 0.00	18.92 -0.12 0.00	19.82 -0.23 0.00	19.17 -0.21 0.00	21.77 -0.38 0.00	27.40 -0.60 0.00	31.99 -0.52 0.00	38.43 -0.54 0.00	31.69 -0.48 0.00	33.19 -0.40 0.00	26.52 -0.25 0.00	20.53 -0.08 0.00
REGAN___SOLAR 323812	24.63 1.03 0.00	22.84 0.92 0.00	21.87 0.87 0.00	22.06 0.87 0.00	21.24 0.84 0.00	16.81 0.68 0.00	21.78 0.89 0.00	23.16 0.76 0.00	20.70 0.12 0.00	20.23 -0.18 0.00	19.52 -0.24 0.00	18.92 -0.20 0.00	16.09 0.03 0.00	19.06 0.02 0.00	20.10 0.05 0.00	19.48 0.11 0.00	22.57 0.43 0.00	28.49 0.49 0.00	33.56 1.05 0.00	40.86 1.89 0.00	33.79 1.63 0.00	35.21 1.63 0.00	28.04 1.27 0.00	21.54 0.93 0.00
RENSSELAER___COGEN 23796	23.66 0.06 0.00	21.97 0.05 0.00	21.03 0.03 0.00	21.21 0.02 0.00	20.40 0.00 0.00	16.18 0.05 0.00	20.93 0.03 0.00	22.43 0.04 0.00	20.63 0.05 0.00	20.44 0.02 0.00	19.80 0.03 0.00	19.17 0.05 0.00	16.15 0.09 0.00	19.16 0.13 0.00	20.23 0.18 0.00	19.57 0.20 0.00	22.35 0.21 0.00	28.29 0.29 0.00	32.65 0.15 0.00	39.05 0.08 0.00	32.23 0.06 0.00	33.61 0.02 0.00	26.74 -0.02 0.00	20.61 0.01 0.00
REPUBLIC_115KV_BARTNBRK 55605	26.10 2.50 0.00	24.22 2.30 0.00	23.19 2.19 0.00	23.41 2.21 0.00	22.46 2.07 0.00	17.79 1.66 0.00	23.14 2.25 0.00	24.79 2.39 0.00	22.46 1.88 0.00	22.19 1.78 0.00	21.33 1.56 0.00	20.78 1.66 0.00	17.48 1.42 0.00	20.85 1.82 0.00	22.05 2.00 0.00	21.38 2.00 0.00	24.68 2.53 0.00	31.63 3.63 0.00	36.47 3.97 0.00	43.67 4.69 0.00	36.02 3.85 0.00	37.47 3.89 0.00	29.63 2.86 0.00	22.57 1.97 0.00
REVERE_CPPR_DRP 24186	24.20 0.61 0.00	22.43 0.51 0.00	21.48 0.48 0.00	21.70 0.51 0.00	20.93 0.54 0.00	16.59 0.46 0.00	21.51 0.62 0.00	22.96 0.56 0.00	20.92 0.34 0.00	20.65 0.24 0.00	19.95 0.18 0.00	19.31 0.19 0.00	16.17 0.11 0.00	19.16 0.12 0.00	20.11 0.06 0.00	19.42 0.05 0.00	22.29 0.14 0.00	28.36 0.36 0.00	33.18 0.68 0.00	40.01 1.04 0.00	33.08 0.91 0.00	34.52 0.93 0.00	27.49 0.73 0.00	21.17 0.57 0.00
REYNLDPA_13_KV_LD 356490	24.25 0.66 0.00	22.48 0.56 0.00	21.49 0.50 0.00	21.73 0.53 0.00	20.92 0.52 0.00	16.48 0.35 0.00	21.35 0.46 0.00	22.88 0.48 0.00	21.03 0.45 0.00	20.86 0.45 0.00	20.13 0.36 0.00	19.48 0.36 0.00	16.30 0.23 0.00	19.31 0.27 0.00	20.37 0.31 0.00	19.71 0.34 0.00	22.57 0.42 0.00	28.52 0.52 0.00	33.10 0.60 0.00	39.76 0.79 0.00	32.82 0.65 0.00	34.30 0.72 0.00	27.32 0.55 0.00	21.11 0.50 0.00
REYNOLDS_115KV_TB3 80639	23.83 0.23 0.00	22.12 0.20 0.00	21.17 0.18 0.00	21.36 0.17 0.00	20.53 0.14 0.00	16.29 0.15 0.00	21.07 0.18 0.00	22.59 0.19 0.00	20.78 0.20 0.00	20.59 0.17 0.00	19.94 0.17 0.00	19.29 0.17 0.00	16.26 0.19 0.00	19.30 0.26 0.00	20.38 0.32 0.00	19.71 0.34 0.00	22.50 0.35 0.00	28.51 0.51 0.00	32.85 0.34 0.00	39.28 0.31 0.00	32.42 0.26 0.00	33.84 0.25 0.00	26.92 0.16 0.00	20.73 0.12 0.00
RIVERBAY____ 323610	24.94 1.34 0.00	23.02 1.10 0.00	22.01 1.01 0.00	22.12 0.92 0.00	21.33 0.94 0.00	16.97 0.84 0.00	21.86 0.97 0.00	23.57 1.17 0.00	21.81 1.23 0.00	21.68 1.27 0.00	21.10 1.33 0.00	20.40 1.28 0.00	17.22 1.15 0.00	20.40 1.37 0.00	21.58 1.53 0.00	20.91 1.53 0.00	23.86 1.71 0.00	30.15 2.15 0.00	34.93 2.43 0.00	41.50 2.53 0.00	34.25 2.08 0.00	35.59 2.00 0.00	28.39 1.62 0.00	21.76 1.16 0.00
RIVERSDE_115KV_TB3 55908	23.76 0.16 0.00	22.06 0.14 0.00	21.11 0.12 0.00	21.30 0.11 0.00	20.48 0.09 0.00	16.24 0.11 0.00	21.01 0.12 0.00	22.52 0.13 0.00	20.71 0.14 0.00	20.52 0.11 0.00	19.88 0.12 0.00	19.24 0.13 0.00	16.22 0.15 0.00	19.24 0.20 0.00	20.32 0.27 0.00	19.66 0.28 0.00	22.45 0.30 0.00	28.43 0.43 0.00	32.78 0.28 0.00	39.20 0.23 0.00	32.36 0.19 0.00	33.75 0.17 0.00	26.85 0.09 0.00	20.69 0.08 0.00
ROARING___BROOK_WT_PWR 323790	23.62 0.02 0.00	21.89 -0.03 0.00	20.94 -0.05 0.00	21.18 -0.02 0.00	20.44 0.04 0.00	16.17 0.03 0.00	20.94 0.05 0.00	22.41 0.01 0.00	20.58 0.00 0.00	20.40 -0.01 0.00	19.67 -0.10 0.00	18.90 -0.22 0.00	15.79 -0.28 0.00	18.74 -0.29 0.00	19.81 -0.24 0.00	19.17 -0.21 0.00	21.98 -0.17 0.00	27.82 -0.18 0.00	32.31 -0.20 0.00	38.80 -0.17 0.00	32.08 -0.09 0.00	33.47 -0.11 0.00	26.68 -0.08 0.00	20.60 0.00 0.00

ROCHESRG_115KV_T4 355643	23.07 -0.52 0.00	21.56 -0.36 0.00	20.86 -0.13 0.00	21.05 -0.14 0.00	20.16 -0.23 0.00	15.85 -0.28 0.00	20.55 -0.34 0.00	22.02 -0.38 0.00	20.21 -0.37 0.00	20.06 -0.35 0.00	19.56 -0.21 0.00	19.01 -0.12 0.00	15.93 -0.13 0.00	18.76 -0.27 0.00	19.66 -0.40 0.00	19.00 -0.38 0.00	21.59 -0.56 0.00	27.12 -0.88 0.00	31.62 -0.89 0.00	37.99 -0.98 0.00	31.33 -0.83 0.00	32.83 -0.75 0.00	26.25 -0.52 0.00	20.34 -0.27 0.00
ROCHESTER_9_IC 23652	23.19 -0.41 0.00	21.66 -0.26 0.00	20.96 -0.04 0.00	21.14 -0.05 0.00	20.25 -0.14 0.00	15.92 -0.22 0.00	20.64 -0.26 0.00	22.11 -0.29 0.00	20.29 -0.28 0.00	20.15 -0.26 0.00	19.64 -0.13 0.00	19.09 -0.03 0.00	16.00 -0.06 0.00	18.84 -0.19 0.00	19.74 -0.31 0.00	19.09 -0.29 0.00	21.68 -0.47 0.00	27.26 -0.74 0.00	31.81 -0.69 0.00	38.22 -0.75 0.00	31.52 -0.65 0.00	33.02 -0.56 0.00	26.39 -0.38 0.00	20.44 -0.16 0.00
ROCKVIEW_13_KV_LD 356306	24.42 0.83 0.00	22.56 0.64 0.00	21.57 0.57 0.00	21.70 0.51 0.00	20.88 0.50 0.00	16.61 0.47 0.00	21.43 0.54 0.00	23.04 0.64 0.00	21.31 0.73 0.00	21.21 0.80 0.00	20.66 0.89 0.00	19.94 0.82 0.00	16.84 0.77 0.00	19.98 0.94 0.00	21.13 1.08 0.00	20.47 1.10 0.00	23.39 1.24 0.00	29.53 1.53 0.00	34.18 1.68 0.00	40.69 1.72 0.00	33.53 1.36 0.00	34.86 1.28 0.00	27.79 1.02 0.00	21.29 0.69 0.00
ROME____115KV_TB2 80656	24.20 0.61 0.00	22.43 0.51 0.00	21.48 0.48 0.00	21.70 0.51 0.00	20.93 0.54 0.00	16.59 0.46 0.00	21.51 0.62 0.00	22.96 0.56 0.00	20.92 0.34 0.00	20.65 0.24 0.00	19.95 0.18 0.00	19.31 0.19 0.00	16.17 0.11 0.00	19.16 0.12 0.00	20.11 0.06 0.00	19.42 0.05 0.00	22.29 0.14 0.00	28.36 0.36 0.00	33.18 0.68 0.00	40.01 1.04 0.00	33.08 0.91 0.00	34.52 0.93 0.00	27.49 0.73 0.00	21.17 0.57 0.00
ROSETON___1 23587	24.03 0.43 0.00	22.24 0.32 0.00	21.28 0.28 0.00	21.42 0.23 0.00	20.62 0.23 0.00	16.38 0.24 0.00	21.16 0.27 0.00	22.72 0.32 0.00	20.96 0.38 0.00	20.81 0.40 0.00	20.22 0.45 0.00	19.53 0.41 0.00	16.48 0.41 0.00	19.55 0.52 0.00	20.65 0.60 0.00	20.00 0.62 0.00	22.86 0.72 0.00	28.90 0.89 0.00	33.49 0.98 0.00	39.97 1.00 0.00	32.94 0.77 0.00	34.29 0.70 0.00	27.34 0.58 0.00	20.97 0.36 0.00
ROSETON___2 23588	24.03 0.43 0.00	22.24 0.32 0.00	21.28 0.28 0.00	21.42 0.23 0.00	20.62 0.23 0.00	16.38 0.24 0.00	21.16 0.27 0.00	22.72 0.32 0.00	20.96 0.38 0.00	20.81 0.40 0.00	20.22 0.45 0.00	19.53 0.41 0.00	16.48 0.41 0.00	19.55 0.52 0.00	20.65 0.60 0.00	20.00 0.62 0.00	22.86 0.72 0.00	28.90 0.89 0.00	33.49 0.98 0.00	39.97 1.00 0.00	32.94 0.77 0.00	34.29 0.70 0.00	27.34 0.58 0.00	20.97 0.36 0.00
ROTRTDAM_115KV_TB3 80664	24.04 0.44 0.00	22.31 0.39 0.00	21.36 0.36 0.00	21.55 0.36 0.00	20.72 0.33 0.00	16.42 0.29 0.00	21.26 0.37 0.00	22.78 0.38 0.00	20.88 0.31 0.00	20.67 0.25 0.00	20.00 0.23 0.00	19.35 0.23 0.00	16.30 0.23 0.00	19.36 0.32 0.00	20.41 0.35 0.00	19.74 0.37 0.00	22.59 0.44 0.00	28.63 0.63 0.00	33.21 0.71 0.00	39.81 0.84 0.00	32.86 0.70 0.00	34.27 0.69 0.00	27.28 0.52 0.00	20.97 0.36 0.00
RUSSELL___1 23602	23.27 -0.32 0.00	21.74 -0.18 0.00	21.03 0.03 0.00	21.21 0.01 0.00	20.31 -0.08 0.00	15.97 -0.16 0.00	20.71 -0.18 0.00	22.19 -0.20 0.00	20.37 -0.21 0.00	20.22 -0.20 0.00	19.72 -0.05 0.00	19.17 0.05 0.00	16.07 0.00 0.00	18.92 -0.12 0.00	19.82 -0.23 0.00	19.17 -0.21 0.00	21.77 -0.38 0.00	27.40 -0.60 0.00	31.99 -0.52 0.00	38.43 -0.54 0.00	31.69 -0.48 0.00	33.19 -0.39 0.00	26.51 -0.25 0.00	20.53 -0.08 0.00
RUSSELL___2 23532	23.27 -0.32 0.00	21.74 -0.18 0.00	21.03 0.03 0.00	21.21 0.01 0.00	20.31 -0.08 0.00	15.97 -0.16 0.00	20.71 -0.18 0.00	22.19 -0.20 0.00	20.37 -0.21 0.00	20.22 -0.20 0.00	19.72 -0.05 0.00	19.17 0.05 0.00	16.07 0.00 0.00	18.92 -0.12 0.00	19.82 -0.23 0.00	19.17 -0.21 0.00	21.77 -0.38 0.00	27.40 -0.60 0.00	31.99 -0.52 0.00	38.43 -0.54 0.00	31.69 -0.48 0.00	33.19 -0.39 0.00	26.51 -0.25 0.00	20.53 -0.08 0.00
RUSSELL___3 23549	23.27 -0.32 0.00	21.74 -0.18 0.00	21.03 0.03 0.00	21.21 0.01 0.00	20.31 -0.08 0.00	15.97 -0.16 0.00	20.71 -0.18 0.00	22.19 -0.20 0.00	20.37 -0.21 0.00	20.22 -0.20 0.00	19.72 -0.05 0.00	19.17 0.05 0.00	16.07 0.00 0.00	18.92 -0.12 0.00	19.82 -0.23 0.00	19.17 -0.21 0.00	21.77 -0.38 0.00	27.40 -0.60 0.00	31.99 -0.52 0.00	38.43 -0.54 0.00	31.69 -0.48 0.00	33.19 -0.39 0.00	26.51 -0.25 0.00	20.53 -0.08 0.00
RUSSELL___4 23556	23.27 -0.32 0.00	21.74 -0.18 0.00	21.03 0.03 0.00	21.21 0.01 0.00	20.31 -0.08 0.00	15.97 -0.16 0.00	20.71 -0.18 0.00	22.19 -0.20 0.00	20.37 -0.21 0.00	20.22 -0.20 0.00	19.72 -0.05 0.00	19.17 0.05 0.00	16.07 0.00 0.00	18.92 -0.12 0.00	19.82 -0.23 0.00	19.17 -0.21 0.00	21.77 -0.38 0.00	27.40 -0.60 0.00	31.99 -0.52 0.00	38.43 -0.54 0.00	31.69 -0.48 0.00	33.19 -0.39 0.00	26.51 -0.25 0.00	20.53 -0.08 0.00
RUSSELL___STATION 23914	23.27 -0.32 0.00	21.74 -0.18 0.00	21.03 0.03 0.00	21.21 0.01 0.00	20.31 -0.08 0.00	15.97 -0.16 0.00	20.71 -0.18 0.00	22.19 -0.20 0.00	20.37 -0.21 0.00	20.22 -0.20 0.00	19.72 -0.05 0.00	19.17 0.05 0.00	16.07 0.00 0.00	18.92 -0.12 0.00	19.82 -0.23 0.00	19.17 -0.21 0.00	21.77 -0.38 0.00	27.40 -0.60 0.00	31.99 -0.52 0.00	38.43 -0.54 0.00	31.69 -0.48 0.00	33.19 -0.39 0.00	26.51 -0.25 0.00	20.53 -0.08 0.00
S SALMON___HYD 24043	23.42 -0.17 0.00	21.75 -0.17 0.00	20.84 -0.16 0.00	21.09 -0.10 0.00	20.36 -0.03 0.00	16.12 -0.01 0.00	20.85 -0.04 0.00	22.31 -0.09 0.00	20.37 -0.21 0.00	20.07 -0.34 0.00	19.32 -0.45 0.00	18.66 -0.46 0.00	15.63 -0.44 0.00	18.56 -0.47 0.00	19.46 -0.60 0.00	18.77 -0.60 0.00	21.58 -0.57 0.00	27.39 -0.62 0.00	32.00 -0.51 0.00	38.52 -0.46 0.00	31.82 -0.35 0.00	33.27 -0.31 0.00	26.65 -0.11 0.00	20.57 -0.04 0.00
S.PERRY__115KV_TB1 80734	23.69 0.10 0.00	22.09 0.17 0.00	21.39 0.39 0.00	21.55 0.36 0.00	20.66 0.27 0.00	16.26 0.12 0.00	21.15 0.26 0.00	22.66 0.26 0.00	20.54 -0.04 0.00	20.22 -0.20 0.00	19.69 -0.08 0.00	19.24 0.12 0.00	16.11 0.05 0.00	18.95 -0.08 0.00	19.85 -0.21 0.00	19.18 -0.20 0.00	21.79 -0.36 0.00	27.41 -0.59 0.00	32.36 -0.14 0.00	39.36 0.39 0.00	32.60 0.44 0.00	34.16 0.58 0.00	27.27 0.50 0.00	21.02 0.41 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.85 -0.75 0.00	21.40 -0.53 0.00	20.86 -0.14 0.00	21.04 -0.16 0.00	20.09 -0.30 0.00	15.73 -0.41 0.00	20.39 -0.51 0.00	21.83 -0.57 0.00	20.09 -0.49 0.00	19.96 -0.45 0.00	19.53 -0.24 0.00	18.97 -0.15 0.00	15.89 -0.18 0.00	18.66 -0.37 0.00	19.51 -0.54 0.00	18.90 -0.48 0.00	21.44 -0.71 0.00	26.67 -1.33 0.00	31.03 -1.47 0.00	37.29 -1.68 0.00	30.73 -1.43 0.00	32.35 -1.24 0.00	25.96 -0.80 0.00	20.25 -0.36 0.00

SAWYER___23_KV_LOAD 55526	22.85 -0.75 0.00	21.40 -0.53 0.00	20.86 -0.14 0.00	21.04 -0.16 0.00	20.09 -0.30 0.00	15.73 -0.41 0.00	20.39 -0.51 0.00	21.83 -0.57 0.00	20.09 -0.49 0.00	19.96 -0.45 0.00	19.53 -0.24 0.00	18.97 -0.15 0.00	15.89 -0.18 0.00	18.66 -0.37 0.00	19.51 -0.54 0.00	18.90 -0.48 0.00	21.44 -0.71 0.00	26.67 -1.33 0.00	31.03 -1.47 0.00	37.29 -1.68 0.00	30.73 -1.43 0.00	32.35 -1.24 0.00	25.96 -0.80 0.00	20.25 -0.36 0.00
SELKIRK___I 23801	23.86 0.26 0.00	22.16 0.24 0.00	21.22 0.22 0.00	21.42 0.22 0.00	20.60 0.21 0.00	16.33 0.19 0.00	21.13 0.23 0.00	22.60 0.20 0.00	20.69 0.11 0.00	20.48 0.06 0.00	19.84 0.07 0.00	19.20 0.08 0.00	16.19 0.12 0.00	19.19 0.15 0.00	20.27 0.22 0.00	19.59 0.21 0.00	22.42 0.27 0.00	28.41 0.41 0.00	32.94 0.43 0.00	39.43 0.47 0.00	32.55 0.38 0.00	33.94 0.36 0.00	27.01 0.25 0.00	20.80 0.19 0.00
SELKIRK___II 23799	23.75 0.16 0.00	22.05 0.13 0.00	21.11 0.11 0.00	21.29 0.10 0.00	20.48 0.09 0.00	16.24 0.10 0.00	21.00 0.11 0.00	22.52 0.12 0.00	20.70 0.13 0.00	20.52 0.10 0.00	19.89 0.12 0.00	19.24 0.12 0.00	16.21 0.15 0.00	19.22 0.19 0.00	20.30 0.24 0.00	19.63 0.25 0.00	22.43 0.28 0.00	28.38 0.38 0.00	32.81 0.31 0.00	39.25 0.27 0.00	32.40 0.23 0.00	33.78 0.20 0.00	26.89 0.12 0.00	20.70 0.09 0.00
SENECA OSWGO___HYD 24041	22.97 -0.63 0.00	21.41 -0.51 0.00	20.56 -0.44 0.00	20.74 -0.45 0.00	19.95 -0.44 0.00	15.79 -0.34 0.00	20.43 -0.46 0.00	21.90 -0.50 0.00	20.09 -0.49 0.00	19.93 -0.49 0.00	19.35 -0.42 0.00	18.73 -0.39 0.00	15.72 -0.34 0.00	18.59 -0.45 0.00	19.52 -0.53 0.00	18.80 -0.57 0.00	21.46 -0.69 0.00	27.11 -0.89 0.00	31.62 -0.89 0.00	37.97 -1.00 0.00	31.35 -0.82 0.00	32.75 -0.84 0.00	26.13 -0.64 0.00	20.12 -0.49 0.00
SENECA___115KV_TB3 355854	22.96 -0.63 0.00	21.49 -0.43 0.00	20.93 -0.06 0.00	21.10 -0.09 0.00	20.17 -0.22 0.00	15.81 -0.33 0.00	20.51 -0.38 0.00	21.97 -0.43 0.00	20.19 -0.39 0.00	20.06 -0.35 0.00	19.62 -0.15 0.00	19.06 -0.06 0.00	15.96 -0.10 0.00	18.74 -0.29 0.00	19.59 -0.47 0.00	18.99 -0.39 0.00	21.56 -0.59 0.00	26.84 -1.16 0.00	31.29 -1.21 0.00	37.63 -1.34 0.00	31.00 -1.17 0.00	32.62 -0.96 0.00	26.16 -0.60 0.00	20.35 -0.25 0.00
SENECA___ENERGY 23797	23.13 -0.47 0.00	21.56 -0.36 0.00	20.71 -0.28 0.00	20.86 -0.33 0.00	20.11 -0.28 0.00	15.89 -0.24 0.00	20.60 -0.29 0.00	22.10 -0.30 0.00	20.20 -0.37 0.00	19.97 -0.44 0.00	19.43 -0.33 0.00	18.84 -0.27 0.00	15.84 -0.22 0.00	18.67 -0.36 0.00	19.60 -0.45 0.00	18.93 -0.45 0.00	21.59 -0.56 0.00	27.22 -0.78 0.00	31.86 -0.64 0.00	38.41 -0.56 0.00	31.67 -0.50 0.00	33.17 -0.41 0.00	26.46 -0.30 0.00	20.35 -0.26 0.00
SHOEMAKER___GT 23640	24.02 0.42 0.00	22.23 0.31 0.00	21.26 0.26 0.00	21.41 0.22 0.00	20.61 0.22 0.00	16.37 0.24 0.00	21.15 0.26 0.00	22.71 0.31 0.00	20.91 0.34 0.00	20.74 0.33 0.00	20.13 0.36 0.00	19.44 0.32 0.00	16.39 0.33 0.00	19.46 0.42 0.00	20.55 0.50 0.00	19.90 0.52 0.00	22.76 0.61 0.00	28.79 0.79 0.00	33.44 0.94 0.00	39.97 1.00 0.00	32.94 0.78 0.00	34.29 0.71 0.00	27.34 0.58 0.00	20.97 0.36 0.00
SHOEMAKR_138KV_BK 111 55601	24.01 0.42 0.00	22.22 0.30 0.00	21.26 0.26 0.00	21.41 0.22 0.00	20.61 0.22 0.00	16.37 0.23 0.00	21.15 0.26 0.00	22.70 0.31 0.00	20.92 0.34 0.00	20.76 0.34 0.00	20.16 0.38 0.00	19.46 0.34 0.00	16.42 0.35 0.00	19.49 0.45 0.00	20.58 0.52 0.00	19.93 0.55 0.00	22.79 0.64 0.00	28.81 0.81 0.00	33.45 0.95 0.00	39.96 0.99 0.00	32.94 0.77 0.00	34.28 0.70 0.00	27.34 0.57 0.00	20.96 0.36 0.00
SHOREHAM_IC_1 23715	24.35 0.75 0.00	22.37 0.45 0.00	21.37 0.38 0.00	21.51 0.32 0.00	20.64 0.25 0.00	16.38 0.25 0.00	21.09 0.21 0.00	22.66 0.27 0.00	20.98 0.41 0.00	20.91 0.49 0.00	20.45 0.68 0.00	19.73 0.61 0.00	16.62 0.55 0.00	19.78 0.74 0.00	21.05 0.99 0.00	20.46 1.08 0.00	23.43 1.27 -0.01	29.60 1.60 0.00	34.22 1.72 0.00	40.50 1.53 0.00	33.23 1.06 0.00	34.52 0.93 0.00	27.55 0.78 0.00	21.16 0.55 0.00
SHOREHAM_IC_2 23716	24.35 0.75 0.00	22.38 0.45 0.00	21.37 0.38 0.00	21.51 0.32 0.00	20.64 0.25 0.00	16.38 0.25 0.00	21.09 0.20 0.00	22.66 0.27 0.00	20.98 0.41 0.00	20.91 0.49 0.00	20.45 0.68 0.00	19.73 0.61 0.00	16.62 0.55 0.00	19.78 0.74 0.00	21.05 0.99 0.00	20.46 1.08 0.00	23.43 1.27 -0.01	29.60 1.60 0.00	34.22 1.72 0.00	40.50 1.53 0.00	33.23 1.06 0.00	34.52 0.93 0.00	27.55 0.79 0.00	21.16 0.55 0.00
SISSONVILLE____ 23735	24.54 0.94 0.00	22.70 0.78 0.00	21.68 0.69 0.00	21.95 0.75 0.00	21.17 0.78 0.00	16.68 0.54 0.00	21.60 0.71 0.00	23.12 0.73 0.00	21.18 0.60 0.00	20.94 0.53 0.00	20.21 0.44 0.00	19.55 0.43 0.00	16.30 0.24 0.00	19.30 0.26 0.00	20.40 0.34 0.00	19.75 0.37 0.00	22.68 0.53 0.00	28.74 0.74 0.00	33.42 0.92 0.00	40.20 1.23 0.00	33.21 1.04 0.00	34.71 1.13 0.00	27.63 0.86 0.00	21.37 0.76 0.00
SITHE_IND_GS1 24169	22.72 -0.88 0.00	21.21 -0.71 0.00	20.36 -0.64 0.00	20.55 -0.64 0.00	19.76 -0.63 0.00	15.63 -0.50 0.00	20.23 -0.66 0.00	21.69 -0.71 0.00	19.91 -0.66 0.00	19.78 -0.63 0.00	19.19 -0.58 0.00	18.58 -0.54 0.00	15.61 -0.46 0.00	18.47 -0.57 0.00	19.39 -0.66 0.00	18.67 -0.71 0.00	21.29 -0.86 0.00	26.86 -1.14 0.00	31.24 -1.26 0.00	37.50 -1.47 0.00	30.96 -1.21 0.00	32.35 -1.23 0.00	25.81 -0.95 0.00	19.89 -0.72 0.00
SITHE_IND_GS2 24170	22.72 -0.88 0.00	21.21 -0.71 0.00	20.36 -0.64 0.00	20.55 -0.64 0.00	19.76 -0.63 0.00	15.63 -0.50 0.00	20.23 -0.66 0.00	21.69 -0.71 0.00	19.91 -0.66 0.00	19.78 -0.63 0.00	19.19 -0.58 0.00	18.58 -0.54 0.00	15.61 -0.46 0.00	18.47 -0.57 0.00	19.39 -0.66 0.00	18.67 -0.71 0.00	21.29 -0.86 0.00	26.86 -1.14 0.00	31.24 -1.26 0.00	37.50 -1.47 0.00	30.96 -1.21 0.00	32.35 -1.23 0.00	25.81 -0.95 0.00	19.89 -0.72 0.00
SITHE_IND_GS3 24171	22.72 -0.88 0.00	21.21 -0.71 0.00	20.36 -0.64 0.00	20.55 -0.64 0.00	19.76 -0.63 0.00	15.63 -0.50 0.00	20.23 -0.66 0.00	21.69 -0.71 0.00	19.91 -0.66 0.00	19.78 -0.63 0.00	19.19 -0.58 0.00	18.58 -0.54 0.00	15.61 -0.46 0.00	18.47 -0.57 0.00	19.39 -0.66 0.00	18.67 -0.71 0.00	21.29 -0.86 0.00	26.86 -1.14 0.00	31.24 -1.26 0.00	37.50 -1.47 0.00	30.96 -1.21 0.00	32.35 -1.23 0.00	25.81 -0.95 0.00	19.89 -0.72 0.00
SITHE_IND_GS4 24172	22.72 -0.88 0.00	21.21 -0.71 0.00	20.36 -0.64 0.00	20.55 -0.64 0.00	19.76 -0.63 0.00	15.63 -0.50 0.00	20.23 -0.66 0.00	21.69 -0.71 0.00	19.91 -0.66 0.00	19.78 -0.63 0.00	19.19 -0.58 0.00	18.58 -0.54 0.00	15.61 -0.46 0.00	18.47 -0.57 0.00	19.39 -0.66 0.00	18.67 -0.71 0.00	21.29 -0.86 0.00	26.86 -1.14 0.00	31.24 -1.26 0.00	37.50 -1.47 0.00	30.96 -1.21 0.00	32.35 -1.23 0.00	25.81 -0.95 0.00	19.89 -0.72 0.00

SITHE___BATAVIA 24024	23.45 -0.14 0.00	21.93 0.01 0.00	21.31 0.32 0.00	21.49 0.30 0.00	20.55 0.16 0.00	16.11 -0.02 0.00	20.89 0.00 0.00	22.36 -0.04 0.00	20.45 -0.12 0.00	20.17 -0.24 0.00	19.65 -0.12 0.00	19.19 0.07 0.00	16.06 -0.01 0.00	18.84 -0.19 0.00	19.68 -0.37 0.00	19.02 -0.36 0.00	21.86 -0.29 0.00	27.09 -0.91 0.00	31.80 -0.70 0.00	38.47 -0.50 0.00	31.78 -0.39 0.00	33.35 -0.23 0.00	26.71 -0.05 0.00	20.75 0.15 0.00
SITHE___INDEPEND 23800	22.72 -0.88 0.00	21.21 -0.71 0.00	20.36 -0.64 0.00	20.55 -0.64 0.00	19.76 -0.63 0.00	15.63 -0.50 0.00	20.23 -0.66 0.00	21.69 -0.71 0.00	19.91 -0.66 0.00	19.78 -0.63 0.00	19.19 -0.58 0.00	18.58 -0.54 0.00	15.61 -0.45 0.00	18.47 -0.57 0.00	19.39 -0.66 0.00	18.67 -0.71 0.00	21.29 -0.86 0.00	26.86 -1.14 0.00	31.24 -1.26 0.00	37.50 -1.47 0.00	30.96 -1.21 0.00	32.35 -1.23 0.00	25.81 -0.96 0.00	19.89 -0.72 0.00
SITHE___MASSENA 23902	24.36 0.76 0.00	22.58 0.66 0.00	21.58 0.58 0.00	21.82 0.63 0.00	21.02 0.63 0.00	16.55 0.42 0.00	21.44 0.55 0.00	22.98 0.58 0.00	21.10 0.52 0.00	20.91 0.50 0.00	20.20 0.42 0.00	19.54 0.42 0.00	16.34 0.27 0.00	19.34 0.31 0.00	20.42 0.37 0.00	19.77 0.39 0.00	22.64 0.49 0.00	28.63 0.62 0.00	33.23 0.72 0.00	39.94 0.96 0.00	32.97 0.80 0.00	34.46 0.88 0.00	27.44 0.68 0.00	21.21 0.61 0.00
SITHE___OGDNSBRG 24021	24.90 1.31 0.00	23.05 1.13 0.00	22.02 1.03 0.00	22.27 1.08 0.00	21.46 1.07 0.00	16.91 0.77 0.00	21.91 1.01 0.00	23.45 1.05 0.00	21.44 0.87 0.00	21.17 0.75 0.00	20.51 0.74 0.00	19.88 0.76 0.00	16.53 0.47 0.00	19.46 0.43 0.00	20.66 0.60 0.00	20.02 0.64 0.00	22.90 0.75 0.00	29.04 1.04 0.00	33.90 1.40 0.00	40.86 1.89 0.00	33.74 1.57 0.00	35.26 1.68 0.00	28.05 1.28 0.00	21.67 1.07 0.00
SITHE___STERLING 23777	23.94 0.34 0.00	22.22 0.30 0.00	21.30 0.30 0.00	21.50 0.30 0.00	20.72 0.33 0.00	16.41 0.27 0.00	21.26 0.37 0.00	22.73 0.34 0.00	20.74 0.16 0.00	20.52 0.10 0.00	19.86 0.09 0.00	19.23 0.11 0.00	16.14 0.08 0.00	19.10 0.06 0.00	20.07 0.01 0.00	19.37 0.00 0.00	22.18 0.03 0.00	28.16 0.16 0.00	32.88 0.38 0.00	39.64 0.67 0.00	32.76 0.59 0.00	34.19 0.61 0.00	27.23 0.46 0.00	20.94 0.34 0.00
SLEIGHT__34_KV_TB1 80719	23.03 -0.56 0.00	21.50 -0.42 0.00	20.73 -0.26 0.00	20.90 -0.29 0.00	20.06 -0.34 0.00	15.82 -0.31 0.00	20.50 -0.39 0.00	21.98 -0.42 0.00	20.11 -0.47 0.00	19.91 -0.50 0.00	19.39 -0.38 0.00	18.84 -0.28 0.00	15.81 -0.25 0.00	18.64 -0.39 0.00	19.52 -0.53 0.00	18.88 -0.50 0.00	21.46 -0.69 0.00	27.07 -0.93 0.00	31.69 -0.81 0.00	38.16 -0.81 0.00	31.48 -0.69 0.00	32.92 -0.66 0.00	26.28 -0.48 0.00	20.27 -0.33 0.00
SMITHTWN_69_KV_BK 1 55830	24.66 1.07 0.00	22.69 0.77 0.00	21.69 0.69 0.00	21.81 0.62 0.00	20.94 0.55 0.00	16.62 0.48 0.00	21.39 0.50 0.00	22.99 0.59 0.00	21.29 0.71 0.00	21.22 0.80 0.00	20.76 0.99 0.00	20.04 0.91 0.00	16.88 0.82 0.00	20.09 1.05 0.00	21.38 1.32 0.00	20.76 1.38 0.00	23.73 1.58 -0.01	29.97 1.97 0.00	34.62 2.12 0.00	40.98 2.01 0.00	33.64 1.47 0.00	34.97 1.38 0.00	27.92 1.15 0.00	21.43 0.82 0.00
SOUTH CAIRO___GT 23612	24.35 0.75 0.00	22.59 0.67 0.00	21.62 0.62 0.00	21.81 0.61 0.00	20.97 0.58 0.00	16.63 0.50 0.00	21.54 0.65 0.00	23.11 0.72 0.00	21.09 0.52 0.00	20.73 0.31 0.00	20.02 0.25 0.00	19.39 0.27 0.00	16.40 0.34 0.00	19.39 0.35 0.00	20.47 0.41 0.00	19.86 0.48 0.00	22.69 0.54 0.00	28.84 0.84 0.00	33.67 1.16 0.00	40.51 1.53 0.00	33.46 1.30 0.00	34.85 1.27 0.00	27.65 0.89 0.00	21.26 0.65 0.00
SOUTH HAMPTN___IC 23720	24.78 1.18 0.00	22.70 0.77 0.00	21.66 0.66 0.00	21.84 0.65 0.00	20.93 0.54 0.00	16.60 0.47 0.00	21.43 0.55 0.00	23.04 0.65 0.00	21.33 0.75 0.00	21.30 0.88 0.00	20.87 1.10 0.00	20.15 1.03 0.00	16.96 0.90 0.00	20.17 1.14 0.00	21.47 1.42 0.00	20.89 1.51 0.00	23.97 1.81 -0.01	30.28 2.28 0.00	34.98 2.48 0.00	41.34 2.36 0.00	33.85 1.68 0.00	35.12 1.54 0.00	28.03 1.27 0.00	21.51 0.91 0.00
SOUTHDOW_115KV_TB1 355954	23.34 -0.26 0.00	21.78 -0.14 0.00	21.23 0.23 0.00	21.38 0.19 0.00	20.51 0.12 0.00	16.14 0.00 0.00	20.98 0.09 0.00	22.69 0.30 0.00	20.77 0.19 0.00	20.64 0.23 0.00	20.20 0.42 0.00	19.49 0.37 0.00	16.27 0.20 0.00	19.04 0.00 0.00	19.94 -0.12 0.00	19.36 -0.02 0.00	22.07 -0.08 0.00	27.56 -0.44 0.00	32.23 -0.27 0.00	38.77 -0.20 0.00	31.80 -0.37 0.00	33.44 -0.14 0.00	26.75 -0.02 0.00	20.67 0.06 0.00
SOUTHOLD_69_KV_BK 2 55809	25.20 1.60 0.00	22.96 1.03 0.00	21.88 0.89 0.00	22.15 0.96 0.00	21.20 0.81 0.00	16.79 0.66 0.00	21.79 0.90 0.00	23.43 1.03 0.00	21.67 1.09 0.00	21.68 1.27 0.00	21.29 1.52 0.00	20.59 1.47 0.00	17.31 1.24 0.00	20.54 1.51 0.00	21.86 1.80 0.00	21.29 1.91 0.00	24.50 2.34 -0.01	30.95 2.95 0.00	35.72 3.22 0.00	42.11 3.14 0.00	34.40 2.23 0.00	35.64 2.06 0.00	28.47 1.71 0.00	21.86 1.25 0.00
SOUTHOLD___IC 23719	25.20 1.60 0.00	22.96 1.03 0.00	21.88 0.89 0.00	22.15 0.96 0.00	21.20 0.80 0.00	16.79 0.66 0.00	21.79 0.90 0.00	23.43 1.03 0.00	21.67 1.09 0.00	21.68 1.27 0.00	21.29 1.52 0.00	20.58 1.47 0.00	17.31 1.24 0.00	20.54 1.51 0.00	21.86 1.80 0.00	21.29 1.91 0.00	24.50 2.34 -0.01	30.95 2.95 0.00	35.73 3.22 0.00	42.11 3.14 0.00	34.40 2.23 0.00	35.64 2.06 0.00	28.47 1.71 0.00	21.86 1.25 0.00
SOUTH_FORK_WT_PWR 323839	25.26 1.66 0.00	22.93 1.00 0.00	21.84 0.84 0.00	22.17 0.98 0.00	21.20 0.81 0.00	16.79 0.65 0.00	21.84 0.95 0.00	23.48 1.08 0.00	21.69 1.11 0.00	21.73 1.31 0.00	21.37 1.59 0.00	20.67 1.55 0.00	17.36 1.29 0.00	20.59 1.55 0.00	21.89 1.83 0.00	21.32 1.94 0.00	24.57 2.41 -0.01	31.02 3.01 0.00	35.77 3.26 0.00	42.09 3.12 0.00	34.35 2.18 0.00	35.56 1.98 0.00	28.45 1.69 0.00	21.86 1.26 0.00
SPIERFLS_115KV_TB 1 80737	24.86 1.27 0.00	23.07 1.15 0.00	22.07 1.08 0.00	22.28 1.08 0.00	21.40 1.01 0.00	16.97 0.84 0.00	22.01 1.12 0.00	23.60 1.20 0.00	21.56 0.98 0.00	21.26 0.84 0.00	20.39 0.62 0.00	19.80 0.68 0.00	16.68 0.62 0.00	19.82 0.78 0.00	20.91 0.85 0.00	20.28 0.91 0.00	23.30 1.15 0.00	29.83 1.83 0.00	34.53 2.02 0.00	41.48 2.51 0.00	34.20 2.03 0.00	35.62 2.04 0.00	28.27 1.50 0.00	21.66 1.05 0.00
ST LAWRENCE____ 23600	23.95 0.36 0.00	22.21 0.28 0.00	21.23 0.23 0.00	21.46 0.26 0.00	20.66 0.27 0.00	16.29 0.15 0.00	21.10 0.21 0.00	22.62 0.22 0.00	20.78 0.20 0.00	20.61 0.19 0.00	19.89 0.12 0.00	19.24 0.12 0.00	16.11 0.04 0.00	19.09 0.05 0.00	20.14 0.09 0.00	19.49 0.11 0.00	22.31 0.16 0.00	28.21 0.21 0.00	32.74 0.23 0.00	39.31 0.34 0.00	32.45 0.28 0.00	33.92 0.33 0.00	27.02 0.25 0.00	20.86 0.26 0.00

STATE_CA_115KV_115_LB 55624	23.78 0.18 0.00	22.08 0.16 0.00	21.13 0.14 0.00	21.32 0.12 0.00	20.50 0.11 0.00	16.26 0.12 0.00	21.04 0.14 0.00	22.55 0.15 0.00	20.72 0.14 0.00	20.53 0.11 0.00	19.90 0.13 0.00	19.26 0.14 0.00	16.23 0.17 0.00	19.26 0.22 0.00	20.34 0.28 0.00	19.68 0.30 0.00	22.48 0.33 0.00	28.46 0.46 0.00	32.87 0.36 0.00	39.30 0.33 0.00	32.43 0.27 0.00	33.82 0.23 0.00	26.90 0.13 0.00	20.73 0.12 0.00
STATE_ST_34_KV_LOAD 55959	23.32 -0.27 0.00	21.74 -0.18 0.00	20.88 -0.12 0.00	21.05 -0.14 0.00	20.26 -0.13 0.00	16.03 -0.11 0.00	20.76 -0.13 0.00	22.25 -0.14 0.00	20.35 -0.22 0.00	20.14 -0.27 0.00	19.61 -0.16 0.00	19.02 -0.10 0.00	16.00 -0.07 0.00	18.85 -0.19 0.00	19.78 -0.28 0.00	19.07 -0.31 0.00	21.82 -0.33 0.00	27.48 -0.52 0.00	32.25 -0.25 0.00	38.83 -0.14 0.00	32.03 -0.13 0.00	33.49 -0.09 0.00	26.71 -0.06 0.00	20.49 -0.12 0.00
STATION_5_MISC_HYD 23604	23.19 -0.41 0.00	21.66 -0.26 0.00	20.96 -0.04 0.00	21.14 -0.05 0.00	20.25 -0.14 0.00	15.92 -0.22 0.00	20.64 -0.26 0.00	22.11 -0.29 0.00	20.29 -0.28 0.00	20.15 -0.26 0.00	19.64 -0.12 0.00	19.10 -0.03 0.00	16.00 -0.06 0.00	18.84 -0.19 0.00	19.74 -0.31 0.00	19.09 -0.29 0.00	21.68 -0.47 0.00	27.26 -0.74 0.00	31.81 -0.69 0.00	38.22 -0.75 0.00	31.52 -0.65 0.00	33.02 -0.56 0.00	26.39 -0.38 0.00	20.44 -0.16 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.13 -0.47 0.00	21.59 -0.33 0.00	20.81 -0.18 0.00	20.98 -0.22 0.00	20.15 -0.24 0.00	15.89 -0.25 0.00	20.60 -0.29 0.00	22.08 -0.32 0.00	20.23 -0.34 0.00	20.05 -0.36 0.00	19.51 -0.26 0.00	18.95 -0.17 0.00	15.91 -0.15 0.00	18.75 -0.29 0.00	19.65 -0.40 0.00	18.99 -0.38 0.00	21.59 -0.56 0.00	27.23 -0.77 0.00	31.83 -0.67 0.00	38.29 -0.68 0.00	31.57 -0.60 0.00	33.06 -0.52 0.00	26.39 -0.38 0.00	20.37 -0.24 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.06 -0.54 0.00	21.55 -0.38 0.00	20.83 -0.16 0.00	21.01 -0.18 0.00	20.13 -0.27 0.00	15.84 -0.30 0.00	20.53 -0.36 0.00	22.00 -0.40 0.00	20.19 -0.39 0.00	20.04 -0.37 0.00	19.54 -0.23 0.00	18.99 -0.13 0.00	15.92 -0.15 0.00	18.74 -0.29 0.00	19.64 -0.41 0.00	18.99 -0.39 0.00	21.57 -0.58 0.00	27.15 -0.85 0.00	31.67 -0.83 0.00	38.05 -0.91 0.00	31.38 -0.79 0.00	32.86 -0.72 0.00	26.25 -0.52 0.00	20.32 -0.28 0.00
STA_56___34_KV_BUS2 355983	23.06 -0.54 0.00	21.55 -0.38 0.00	20.83 -0.16 0.00	21.01 -0.18 0.00	20.13 -0.27 0.00	15.84 -0.30 0.00	20.53 -0.36 0.00	22.00 -0.40 0.00	20.19 -0.39 0.00	20.04 -0.37 0.00	19.54 -0.23 0.00	18.99 -0.13 0.00	15.92 -0.15 0.00	18.74 -0.29 0.00	19.64 -0.41 0.00	18.99 -0.39 0.00	21.57 -0.58 0.00	27.15 -0.85 0.00	31.67 -0.83 0.00	38.05 -0.91 0.00	31.38 -0.79 0.00	32.86 -0.72 0.00	26.25 -0.52 0.00	20.32 -0.28 0.00
STA_67___115KV_BK2 355882	23.14 -0.45 0.00	21.62 -0.30 0.00	20.93 -0.07 0.00	21.11 -0.08 0.00	20.21 -0.18 0.00	15.90 -0.24 0.00	20.60 -0.29 0.00	22.08 -0.32 0.00	20.26 -0.32 0.00	20.11 -0.30 0.00	19.61 -0.15 0.00	19.06 -0.06 0.00	15.98 -0.09 0.00	18.81 -0.23 0.00	19.71 -0.35 0.00	19.05 -0.33 0.00	21.64 -0.51 0.00	27.20 -0.80 0.00	31.73 -0.78 0.00	38.14 -0.83 0.00	31.45 -0.72 0.00	32.95 -0.63 0.00	26.33 -0.43 0.00	20.40 -0.20 0.00
STA_7___115KV_9TRANS 80674	23.27 -0.32 0.00	21.74 -0.18 0.00	21.03 0.03 0.00	21.21 0.01 0.00	20.31 -0.08 0.00	15.97 -0.16 0.00	20.71 -0.18 0.00	22.19 -0.20 0.00	20.37 -0.21 0.00	20.22 -0.20 0.00	19.72 -0.05 0.00	19.17 0.05 0.00	16.07 0.00 0.00	18.92 -0.12 0.00	19.82 -0.23 0.00	19.17 -0.21 0.00	21.77 -0.38 0.00	27.40 -0.60 0.00	31.99 -0.52 0.00	38.43 -0.54 0.00	31.69 -0.48 0.00	33.19 -0.39 0.00	26.51 -0.25 0.00	20.53 -0.08 0.00
STA_82___115KV_TB1 80780	23.15 -0.45 0.00	21.63 -0.29 0.00	20.93 -0.07 0.00	21.11 -0.08 0.00	20.22 -0.17 0.00	15.90 -0.24 0.00	20.61 -0.28 0.00	22.08 -0.31 0.00	20.27 -0.31 0.00	20.11 -0.30 0.00	19.61 -0.16 0.00	19.06 -0.06 0.00	15.98 -0.09 0.00	18.81 -0.22 0.00	19.71 -0.35 0.00	19.05 -0.33 0.00	21.64 -0.51 0.00	27.20 -0.80 0.00	31.74 -0.76 0.00	38.15 -0.82 0.00	31.47 -0.70 0.00	32.96 -0.63 0.00	26.34 -0.42 0.00	20.41 -0.20 0.00
STEEL___WIND 323596	22.94 -0.65 0.00	21.47 -0.45 0.00	20.92 -0.08 0.00	21.08 -0.11 0.00	20.14 -0.25 0.00	15.80 -0.34 0.00	20.49 -0.41 0.00	21.95 -0.45 0.00	20.18 -0.40 0.00	20.04 -0.37 0.00	19.60 -0.17 0.00	19.03 -0.09 0.00	15.94 -0.12 0.00	18.72 -0.31 0.00	19.56 -0.49 0.00	18.97 -0.41 0.00	21.53 -0.62 0.00	26.80 -1.20 0.00	31.24 -1.26 0.00	37.60 -1.37 0.00	30.96 -1.21 0.00	32.58 -1.00 0.00	26.13 -0.63 0.00	20.33 -0.28 0.00
STEPHTWN_115KV_BK_2 55603	23.86 0.26 0.00	22.14 0.21 0.00	21.18 0.18 0.00	21.41 0.22 0.00	20.55 0.16 0.00	16.32 0.19 0.00	21.13 0.24 0.00	22.63 0.24 0.00	20.79 0.22 0.00	20.58 0.17 0.00	19.96 0.19 0.00	19.32 0.20 0.00	16.25 0.18 0.00	19.32 0.28 0.00	20.39 0.33 0.00	19.74 0.36 0.00	22.59 0.44 0.00	28.62 0.62 0.00	33.07 0.56 0.00	39.52 0.55 0.00	32.61 0.44 0.00	33.98 0.40 0.00	27.01 0.25 0.00	20.79 0.19 0.00
STEUBEN_REC_LFGE 323667	22.88 -0.72 0.00	21.28 -0.64 0.00	20.64 -0.36 0.00	20.77 -0.42 0.00	20.00 -0.39 0.00	15.75 -0.39 0.00	20.58 -0.31 0.00	22.10 -0.30 0.00	20.11 -0.47 0.00	19.90 -0.51 0.00	19.38 -0.39 0.00	18.75 -0.37 0.00	15.71 -0.35 0.00	18.47 -0.56 0.00	19.39 -0.66 0.00	18.79 -0.59 0.00	21.46 -0.69 0.00	26.98 -1.03 0.00	31.88 -0.63 0.00	38.62 -0.35 0.00	31.82 -0.34 0.00	33.46 -0.13 0.00	26.70 -0.06 0.00	20.52 -0.08 0.00
STILLWATER___SOLAR 323814	24.51 0.91 0.00	22.75 0.83 0.00	21.77 0.77 0.00	21.97 0.78 0.00	21.11 0.72 0.00	16.74 0.61 0.00	21.69 0.80 0.00	23.25 0.85 0.00	21.26 0.68 0.00	20.99 0.58 0.00	20.24 0.47 0.00	19.63 0.51 0.00	16.54 0.48 0.00	19.66 0.62 0.00	20.73 0.67 0.00	20.11 0.73 0.00	23.02 0.87 0.00	29.31 1.31 0.00	33.93 1.43 0.00	40.70 1.73 0.00	33.59 1.42 0.00	35.02 1.44 0.00	27.83 1.07 0.00	21.35 0.75 0.00
STONY___BROOK 24151	24.62 1.02 0.00	22.65 0.73 0.00	21.65 0.65 0.00	21.78 0.58 0.00	20.90 0.51 0.00	16.59 0.46 0.00	21.36 0.46 0.00	22.95 0.55 0.00	21.26 0.68 0.00	21.18 0.77 0.00	20.72 0.95 0.00	20.00 0.88 0.00	16.85 0.79 0.00	20.05 1.02 0.00	21.33 1.28 0.00	20.72 1.34 0.00	23.69 1.53 -0.01	29.91 1.91 0.00	34.56 2.05 0.00	40.90 1.94 0.00	33.57 1.41 0.00	34.91 1.32 0.00	27.88 1.11 0.00	21.40 0.79 0.00
STURGEON_POOL_HYD 23609	24.18 0.58 0.00	22.36 0.43 0.00	21.38 0.39 0.00	21.52 0.33 0.00	20.71 0.32 0.00	16.45 0.32 0.00	21.26 0.37 0.00	22.86 0.46 0.00	21.10 0.53 0.00	20.98 0.56 0.00	20.38 0.61 0.00	19.67 0.55 0.00	16.61 0.54 0.00	19.69 0.65 0.00	20.79 0.73 0.00	20.14 0.76 0.00	23.06 0.91 0.00	29.16 1.16 0.00	33.79 1.29 0.00	40.31 1.34 0.00	33.23 1.06 0.00	34.57 0.99 0.00	27.55 0.78 0.00	21.10 0.49 0.00

ST_LAW_115_BK7_LBMP 345037	24.00 0.40 0.00	22.25 0.33 0.00	21.26 0.27 0.00	21.50 0.31 0.00	20.70 0.31 0.00	16.31 0.18 0.00	21.14 0.25 0.00	22.64 0.25 0.00	20.81 0.23 0.00	20.63 0.22 0.00	19.91 0.14 0.00	19.27 0.15 0.00	16.13 0.06 0.00	19.11 0.07 0.00	20.17 0.11 0.00	19.50 0.13 0.00	22.33 0.18 0.00	28.24 0.24 0.00	32.77 0.27 0.00	39.36 0.39 0.00	32.49 0.32 0.00	33.97 0.38 0.00	27.05 0.29 0.00	20.90 0.29 0.00
ST_LAW_115_BK8_LBMP 345038	24.00 0.40 0.00	22.25 0.33 0.00	21.26 0.27 0.00	21.50 0.31 0.00	20.70 0.31 0.00	16.31 0.18 0.00	21.14 0.25 0.00	22.64 0.25 0.00	20.81 0.23 0.00	20.63 0.22 0.00	19.91 0.14 0.00	19.27 0.15 0.00	16.13 0.06 0.00	19.11 0.07 0.00	20.17 0.11 0.00	19.50 0.13 0.00	22.33 0.18 0.00	28.24 0.24 0.00	32.77 0.27 0.00	39.36 0.39 0.00	32.49 0.32 0.00	33.97 0.38 0.00	27.05 0.29 0.00	20.90 0.29 0.00
ST_LAW_230_BK5_LBMP 345035	23.95 0.36 0.00	22.21 0.28 0.00	21.23 0.23 0.00	21.46 0.26 0.00	20.66 0.27 0.00	16.29 0.15 0.00	21.10 0.21 0.00	22.62 0.22 0.00	20.78 0.20 0.00	20.61 0.19 0.00	19.89 0.12 0.00	19.24 0.12 0.00	16.11 0.04 0.00	19.09 0.05 0.00	20.14 0.09 0.00	19.49 0.11 0.00	22.31 0.16 0.00	28.21 0.21 0.00	32.74 0.23 0.00	39.31 0.34 0.00	32.45 0.28 0.00	33.92 0.33 0.00	27.02 0.25 0.00	20.86 0.26 0.00
ST_LAW_230_BK6_LBMP 345036	23.95 0.36 0.00	22.21 0.28 0.00	21.23 0.23 0.00	21.46 0.26 0.00	20.66 0.27 0.00	16.29 0.15 0.00	21.10 0.21 0.00	22.62 0.22 0.00	20.78 0.20 0.00	20.61 0.19 0.00	19.89 0.12 0.00	19.24 0.12 0.00	16.11 0.04 0.00	19.09 0.05 0.00	20.14 0.09 0.00	19.49 0.11 0.00	22.31 0.16 0.00	28.21 0.21 0.00	32.74 0.23 0.00	39.31 0.34 0.00	32.45 0.28 0.00	33.92 0.33 0.00	27.02 0.25 0.00	20.86 0.26 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.10 0.51 0.00	22.29 0.37 0.00	21.33 0.33 0.00	21.47 0.28 0.00	20.67 0.28 0.00	16.42 0.29 0.00	21.21 0.32 0.00	22.78 0.38 0.00	21.02 0.44 0.00	20.88 0.47 0.00	20.28 0.51 0.00	19.60 0.48 0.00	16.55 0.48 0.00	19.64 0.61 0.00	20.75 0.69 0.00	20.09 0.71 0.00	22.97 0.82 0.00	29.03 1.03 0.00	33.65 1.15 0.00	40.15 1.18 0.00	33.07 0.91 0.00	34.41 0.83 0.00	27.44 0.68 0.00	21.03 0.43 0.00
SWANROAD_115KV_TB1 355699	22.61 -0.98 0.00	21.18 -0.75 0.00	20.66 -0.34 0.00	20.85 -0.35 0.00	19.91 -0.48 0.00	15.57 -0.57 0.00	20.16 -0.73 0.00	21.57 -0.83 0.00	19.87 -0.71 0.00	19.72 -0.69 0.00	19.29 -0.48 0.00	18.77 -0.35 0.00	15.71 -0.36 0.00	18.44 -0.59 0.00	19.27 -0.79 0.00	18.65 -0.73 0.00	21.17 -0.98 0.00	26.26 -1.75 0.00	30.54 -1.97 0.00	36.70 -2.27 0.00	30.29 -1.87 0.00	31.89 -1.70 0.00	25.66 -1.11 0.00	20.05 -0.56 0.00
SYNERGY___BIOGAS 323694	23.45 -0.15 0.00	21.93 0.01 0.00	21.31 0.32 0.00	21.49 0.30 0.00	20.55 0.15 0.00	16.11 -0.02 0.00	20.89 0.00 0.00	22.36 -0.04 0.00	20.45 -0.12 0.00	20.17 -0.24 0.00	19.65 -0.12 0.00	19.18 0.06 0.00	16.06 -0.01 0.00	18.85 -0.19 0.00	19.68 -0.37 0.00	19.02 -0.36 0.00	21.85 -0.30 0.00	27.09 -0.91 0.00	31.80 -0.70 0.00	38.47 -0.50 0.00	31.78 -0.39 0.00	33.35 -0.23 0.00	26.71 -0.06 0.00	20.75 0.15 0.00
SYRACUSE___ENERGY_ST1 323597	23.22 -0.38 0.00	21.64 -0.28 0.00	20.77 -0.22 0.00	20.95 -0.24 0.00	20.16 -0.23 0.00	15.95 -0.18 0.00	20.65 -0.24 0.00	22.13 -0.26 0.00	20.29 -0.29 0.00	20.13 -0.28 0.00	19.54 -0.23 0.00	18.94 -0.18 0.00	15.92 -0.14 0.00	18.81 -0.22 0.00	19.76 -0.30 0.00	19.02 -0.35 0.00	21.73 -0.42 0.00	27.46 -0.54 0.00	32.04 -0.46 0.00	38.49 -0.49 0.00	31.75 -0.41 0.00	33.16 -0.42 0.00	26.45 -0.31 0.00	20.35 -0.26 0.00
SYRACUSE___ENERGY_ST2 323598	23.22 -0.38 0.00	21.64 -0.28 0.00	20.77 -0.22 0.00	20.95 -0.24 0.00	20.16 -0.23 0.00	15.95 -0.18 0.00	20.65 -0.24 0.00	22.13 -0.26 0.00	20.29 -0.29 0.00	20.13 -0.28 0.00	19.54 -0.23 0.00	18.94 -0.18 0.00	15.92 -0.14 0.00	18.81 -0.22 0.00	19.76 -0.30 0.00	19.02 -0.35 0.00	21.73 -0.42 0.00	27.46 -0.54 0.00	32.04 -0.46 0.00	38.49 -0.49 0.00	31.75 -0.41 0.00	33.16 -0.42 0.00	26.45 -0.31 0.00	20.35 -0.26 0.00
SYRACUSE___POWER 24017	23.22 -0.38 0.00	21.64 -0.28 0.00	20.77 -0.22 0.00	20.95 -0.24 0.00	20.15 -0.25 0.00	15.95 -0.19 0.00	20.65 -0.24 0.00	22.14 -0.26 0.00	20.29 -0.29 0.00	20.13 -0.28 0.00	19.54 -0.23 0.00	18.93 -0.19 0.00	15.91 -0.15 0.00	18.82 -0.21 0.00	19.77 -0.29 0.00	19.04 -0.34 0.00	21.72 -0.43 0.00	27.46 -0.54 0.00	32.02 -0.48 0.00	38.46 -0.51 0.00	31.73 -0.44 0.00	33.14 -0.44 0.00	26.45 -0.31 0.00	20.35 -0.26 0.00
TALLMAN__138KV_BK151 55660	24.24 0.64 0.00	22.40 0.47 0.00	21.42 0.42 0.00	21.54 0.35 0.00	20.74 0.35 0.00	16.50 0.36 0.00	21.30 0.40 0.00	22.89 0.49 0.00	21.14 0.56 0.00	21.03 0.62 0.00	20.45 0.68 0.00	19.75 0.63 0.00	16.69 0.63 0.00	19.81 0.78 0.00	20.95 0.89 0.00	20.28 0.90 0.00	23.17 1.03 0.00	29.27 1.27 0.00	33.91 1.40 0.00	40.41 1.44 0.00	33.27 1.10 0.00	34.59 1.00 0.00	27.60 0.83 0.00	21.13 0.53 0.00
TEALLAVE_115KV_TB7 355573	23.10 -0.49 0.00	21.54 -0.38 0.00	20.68 -0.32 0.00	20.86 -0.33 0.00	20.06 -0.33 0.00	15.88 -0.26 0.00	20.55 -0.34 0.00	22.03 -0.37 0.00	20.20 -0.37 0.00	20.05 -0.36 0.00	19.47 -0.30 0.00	18.86 -0.25 0.00	15.85 -0.21 0.00	18.74 -0.29 0.00	19.68 -0.37 0.00	18.96 -0.41 0.00	21.62 -0.53 0.00	27.32 -0.69 0.00	31.83 -0.67 0.00	38.22 -0.75 0.00	31.54 -0.63 0.00	32.94 -0.64 0.00	26.30 -0.47 0.00	20.24 -0.36 0.00
TELGRAPH_34_KV_EAST 80808	23.04 -0.56 0.00	21.57 -0.36 0.00	21.00 0.00 0.00	21.17 -0.02 0.00	20.24 -0.15 0.00	15.85 -0.29 0.00	20.54 -0.35 0.00	21.97 -0.42 0.00	20.18 -0.40 0.00	19.99 -0.43 0.00	19.52 -0.25 0.00	19.02 -0.10 0.00	15.92 -0.15 0.00	18.67 -0.36 0.00	19.51 -0.54 0.00	18.89 -0.49 0.00	21.60 -0.55 0.00	26.74 -1.26 0.00	31.21 -1.30 0.00	37.61 -1.36 0.00	31.05 -1.11 0.00	32.64 -0.94 0.00	26.19 -0.58 0.00	20.41 -0.20 0.00
TEMPLE___115KV_TB 2 55572	23.11 -0.49 0.00	21.55 -0.38 0.00	20.68 -0.31 0.00	20.87 -0.33 0.00	20.06 -0.33 0.00	15.88 -0.26 0.00	20.56 -0.33 0.00	22.04 -0.36 0.00	20.21 -0.37 0.00	20.06 -0.35 0.00	19.48 -0.29 0.00	18.88 -0.24 0.00	15.87 -0.20 0.00	18.76 -0.27 0.00	19.70 -0.35 0.00	18.97 -0.40 0.00	21.64 -0.51 0.00	27.33 -0.67 0.00	31.86 -0.65 0.00	38.24 -0.73 0.00	31.54 -0.62 0.00	32.95 -0.63 0.00	26.32 -0.45 0.00	20.25 -0.35 0.00
TIANA____69_KV_BK 1 55817	24.68 1.08 0.00	22.64 0.72 0.00	21.61 0.61 0.00	21.77 0.58 0.00	20.87 0.48 0.00	16.56 0.42 0.00	21.35 0.46 0.00	22.95 0.55 0.00	21.26 0.68 0.00	21.21 0.80 0.00	20.78 1.01 0.00	20.06 0.93 0.00	16.89 0.82 0.00	20.09 1.05 0.00	21.38 1.33 0.00	20.80 1.42 0.00	23.85 1.70 -0.01	30.12 2.12 0.00	34.82 2.31 0.00	41.16 2.19 0.00	33.73 1.56 0.00	35.01 1.43 0.00	27.94 1.17 0.00	21.44 0.83 0.00

TILDEN___115KV_TB1 80814	23.22 -0.38 0.00	21.64 -0.28 0.00	20.77 -0.22 0.00	20.95 -0.24 0.00	20.15 -0.25 0.00	15.95 -0.19 0.00	20.65 -0.24 0.00	22.14 -0.26 0.00	20.29 -0.29 0.00	20.13 -0.28 0.00	19.54 -0.23 0.00	18.93 -0.19 0.00	15.91 -0.15 0.00	18.82 -0.21 0.00	19.77 -0.29 0.00	19.04 -0.34 0.00	21.72 -0.43 0.00	27.46 -0.54 0.00	32.02 -0.48 0.00	38.46 -0.51 0.00	31.73 -0.44 0.00	33.14 -0.44 0.00	26.45 -0.31 0.00	20.35 -0.26 0.00
TRIGEN___CC 323695	24.49 0.89 0.00	22.60 0.68 0.00	21.61 0.62 0.00	21.74 0.55 0.00	20.89 0.51 0.00	16.60 0.46 0.00	21.37 0.48 0.00	22.97 0.57 0.00	21.27 0.69 0.00	21.19 0.77 0.00	20.69 0.92 0.00	19.97 0.85 0.00	16.85 0.79 0.00	20.01 0.97 0.00	21.23 1.18 0.00	20.57 1.19 0.00	23.48 1.32 -0.01	29.60 1.60 0.00	34.20 1.70 0.00	40.62 1.65 0.00	33.44 1.27 0.00	34.81 1.23 0.00	27.79 1.03 0.00	21.31 0.70 0.00
TRINITY__115KV__4 BK 55933	23.70 0.10 0.00	22.01 0.08 0.00	21.06 0.06 0.00	21.24 0.05 0.00	20.43 0.04 0.00	16.20 0.07 0.00	20.96 0.06 0.00	22.47 0.07 0.00	20.66 0.08 0.00	20.47 0.05 0.00	19.83 0.06 0.00	19.19 0.07 0.00	16.17 0.11 0.00	19.20 0.16 0.00	20.27 0.21 0.00	19.61 0.23 0.00	22.39 0.25 0.00	28.33 0.33 0.00	32.70 0.20 0.00	39.10 0.13 0.00	32.28 0.11 0.00	33.66 0.08 0.00	26.78 0.02 0.00	20.65 0.04 0.00
UNION___PROCESSING_DRP 323587	23.15 -0.45 0.00	21.63 -0.29 0.00	20.93 -0.06 0.00	21.12 -0.07 0.00	20.22 -0.16 0.00	15.90 -0.23 0.00	20.61 -0.28 0.00	22.09 -0.31 0.00	20.27 -0.31 0.00	20.12 -0.29 0.00	19.62 -0.15 0.00	19.07 -0.06 0.00	15.98 -0.08 0.00	18.81 -0.22 0.00	19.71 -0.34 0.00	19.05 -0.33 0.00	21.65 -0.50 0.00	27.21 -0.79 0.00	31.75 -0.75 0.00	38.16 -0.82 0.00	31.48 -0.69 0.00	32.97 -0.62 0.00	26.35 -0.41 0.00	20.41 -0.20 0.00
UPPER HUDSON___HYD 24058	24.86 1.27 0.00	23.07 1.15 0.00	22.07 1.08 0.00	22.27 1.08 0.00	21.40 1.01 0.00	16.97 0.84 0.00	22.01 1.12 0.00	23.60 1.20 0.00	21.56 0.98 0.00	21.26 0.84 0.00	20.39 0.62 0.00	19.80 0.68 0.00	16.68 0.62 0.00	19.82 0.78 0.00	20.91 0.85 0.00	20.28 0.91 0.00	23.30 1.15 0.00	29.83 1.83 0.00	34.53 2.02 0.00	41.48 2.51 0.00	34.20 2.03 0.00	35.62 2.04 0.00	28.26 1.50 0.00	21.66 1.05 0.00
UPPER RAQUET___HYD 24056	24.54 0.94 0.00	22.70 0.78 0.00	21.68 0.69 0.00	21.95 0.75 0.00	21.17 0.78 0.00	16.68 0.54 0.00	21.60 0.71 0.00	23.12 0.73 0.00	21.18 0.60 0.00	20.94 0.53 0.00	20.21 0.44 0.00	19.55 0.42 0.00	16.30 0.24 0.00	19.30 0.26 0.00	20.40 0.34 0.00	19.75 0.37 0.00	22.68 0.53 0.00	28.74 0.74 0.00	33.42 0.92 0.00	40.20 1.23 0.00	33.21 1.04 0.00	34.71 1.13 0.00	27.63 0.86 0.00	21.37 0.77 0.00
VALLEY44_115KV_TB2 355964	22.76 -0.83 0.00	21.31 -0.62 0.00	20.72 -0.28 0.00	20.87 -0.32 0.00	20.03 -0.37 0.00	15.79 -0.34 0.00	20.52 -0.37 0.00	22.05 -0.35 0.00	20.24 -0.34 0.00	20.13 -0.28 0.00	19.65 -0.12 0.00	18.97 -0.15 0.00	15.87 -0.20 0.00	18.59 -0.44 0.00	19.47 -0.58 0.00	18.89 -0.49 0.00	21.54 -0.60 0.00	26.88 -1.12 0.00	31.38 -1.13 0.00	37.73 -1.25 0.00	31.01 -1.16 0.00	32.59 -0.99 0.00	26.08 -0.68 0.00	20.09 -0.52 0.00
VALLEY___115KV_TB 1-4 80826	23.78 0.18 0.00	22.06 0.13 0.00	21.15 0.15 0.00	21.32 0.12 0.00	20.48 0.09 0.00	16.25 0.11 0.00	21.05 0.16 0.00	22.53 0.13 0.00	20.50 -0.08 0.00	20.24 -0.18 0.00	19.55 -0.22 0.00	18.87 -0.25 0.00	15.92 -0.14 0.00	18.92 -0.11 0.00	19.93 -0.12 0.00	19.28 -0.10 0.00	22.15 0.00 0.00	28.17 0.17 0.00	32.92 0.41 0.00	39.54 0.57 0.00	32.67 0.50 0.00	34.05 0.47 0.00	27.09 0.33 0.00	20.79 0.18 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.21 0.61 0.00	22.42 0.49 0.00	21.48 0.48 0.00	21.65 0.46 0.00	20.83 0.44 0.00	16.51 0.37 0.00	21.38 0.49 0.00	22.96 0.56 0.00	21.13 0.55 0.00	21.03 0.61 0.00	20.42 0.65 0.00	19.74 0.62 0.00	16.57 0.50 0.00	19.62 0.58 0.00	20.67 0.62 0.00	20.00 0.62 0.00	22.90 0.75 0.00	28.95 0.95 0.00	33.72 1.22 0.00	40.38 1.41 0.00	33.30 1.14 0.00	34.74 1.15 0.00	27.64 0.87 0.00	21.20 0.59 0.00
VISCHER___FERRY HYD 24020	24.12 0.52 0.00	22.39 0.47 0.00	21.43 0.43 0.00	21.63 0.44 0.00	20.79 0.40 0.00	16.48 0.35 0.00	21.34 0.45 0.00	22.88 0.48 0.00	21.01 0.44 0.00	20.79 0.37 0.00	20.09 0.32 0.00	19.45 0.32 0.00	16.38 0.31 0.00	19.46 0.42 0.00	20.54 0.49 0.00	19.89 0.51 0.00	22.74 0.59 0.00	28.86 0.86 0.00	33.29 0.79 0.00	39.90 0.93 0.00	32.93 0.76 0.00	34.37 0.79 0.00	27.33 0.56 0.00	21.00 0.39 0.00
V_A_10_SYNC_DSASP 323832	22.86 -0.74 0.00	21.40 -0.52 0.00	20.81 -0.18 0.00	20.99 -0.20 0.00	20.07 -0.32 0.00	15.74 -0.39 0.00	20.40 -0.49 0.00	21.85 -0.55 0.00	20.10 -0.48 0.00	19.97 -0.44 0.00	19.51 -0.26 0.00	18.94 -0.18 0.00	15.87 -0.20 0.00	18.65 -0.38 0.00	19.52 -0.53 0.00	18.89 -0.48 0.00	21.44 -0.71 0.00	26.75 -1.25 0.00	31.12 -1.38 0.00	37.37 -1.60 0.00	30.81 -1.36 0.00	32.37 -1.21 0.00	25.95 -0.81 0.00	20.20 -0.41 0.00
V_CMM_10_SYNC_DSASP 323787	24.13 0.54 0.00	22.36 0.44 0.00	21.37 0.38 0.00	21.61 0.42 0.00	20.81 0.42 0.00	16.39 0.26 0.00	21.24 0.35 0.00	22.76 0.36 0.00	20.92 0.34 0.00	20.75 0.33 0.00	20.02 0.25 0.00	19.37 0.25 0.00	16.21 0.14 0.00	19.21 0.17 0.00	20.26 0.21 0.00	19.61 0.23 0.00	22.44 0.30 0.00	28.38 0.38 0.00	32.94 0.43 0.00	39.55 0.59 0.00	32.65 0.48 0.00	34.13 0.55 0.00	27.18 0.42 0.00	21.00 0.40 0.00
V_CMP_10_SYNC_DSASP 323788	24.25 0.66 0.00	22.49 0.57 0.00	21.49 0.49 0.00	21.72 0.53 0.00	20.95 0.56 0.00	16.54 0.41 0.00	21.44 0.55 0.00	22.98 0.58 0.00	21.07 0.49 0.00	20.79 0.37 0.00	19.87 0.10 0.00	19.25 0.13 0.00	16.07 0.01 0.00	19.09 0.05 0.00	20.25 0.19 0.00	19.59 0.21 0.00	22.53 0.38 0.00	28.77 0.77 0.00	33.34 0.84 0.00	40.05 1.08 0.00	33.02 0.85 0.00	34.44 0.86 0.00	27.41 0.64 0.00	21.15 0.54 0.00
V_D_10_SYNC_DSASP 323841	24.35 0.75 0.00	22.57 0.64 0.00	21.57 0.58 0.00	21.81 0.62 0.00	21.00 0.62 0.00	16.55 0.41 0.00	21.44 0.55 0.00	22.97 0.57 0.00	21.09 0.52 0.00	20.91 0.50 0.00	20.19 0.42 0.00	19.54 0.41 0.00	16.33 0.27 0.00	19.34 0.30 0.00	20.42 0.36 0.00	19.77 0.39 0.00	22.63 0.48 0.00	28.61 0.61 0.00	33.23 0.72 0.00	39.93 0.96 0.00	32.96 0.79 0.00	34.45 0.87 0.00	27.43 0.67 0.00	21.20 0.60 0.00
V_E_10_SYNC_DSASP 323830	24.57 0.98 0.00	22.70 0.77 0.00	21.83 0.84 0.00	21.98 0.78 0.00	21.13 0.73 0.00	16.75 0.61 0.00	21.71 0.82 0.00	23.29 0.89 0.00	21.24 0.66 0.00	20.90 0.49 0.00	20.20 0.43 0.00	19.52 0.39 0.00	16.40 0.33 0.00	19.36 0.32 0.00	20.36 0.30 0.00	19.55 0.17 0.00	22.36 0.21 0.00	28.59 0.59 0.00	33.88 1.37 0.00	41.23 2.26 0.00	33.96 1.79 0.00	35.51 1.92 0.00	28.25 1.49 0.00	21.57 0.96 0.00



V_F_30_NSYNC___DSASP 323816	24.53 0.93 0.00	22.77 0.85 0.00	21.79 0.79 0.00	21.99 0.80 0.00	21.13 0.74 0.00	16.76 0.62 0.00	21.71 0.82 0.00	23.27 0.87 0.00	21.29 0.71 0.00	21.03 0.62 0.00	20.28 0.51 0.00	19.67 0.55 0.00	16.57 0.51 0.00	19.69 0.65 0.00	20.76 0.71 0.00	20.13 0.76 0.00	23.06 0.91 0.00	29.35 1.34 0.00	33.98 1.47 0.00	40.76 1.79 0.00	33.63 1.46 0.00	35.06 1.48 0.00	27.86 1.10 0.00	21.38 0.77 0.00
V_F_30_SYNC_DSASP 323786	23.78 0.18 0.00	22.08 0.16 0.00	21.13 0.14 0.00	21.32 0.12 0.00	20.50 0.10 0.00	16.26 0.12 0.00	21.03 0.14 0.00	22.55 0.15 0.00	20.72 0.14 0.00	20.53 0.11 0.00	19.90 0.13 0.00	19.26 0.14 0.00	16.23 0.17 0.00	19.26 0.22 0.00	20.34 0.28 0.00	19.68 0.30 0.00	22.48 0.33 0.00	28.46 0.46 0.00	32.86 0.36 0.00	39.30 0.33 0.00	32.43 0.26 0.00	33.82 0.23 0.00	26.90 0.13 0.00	20.73 0.12 0.00
V_XM_10_SYNC_DSASP 323789	24.25 0.66 0.00	22.49 0.57 0.00	21.49 0.49 0.00	21.72 0.53 0.00	20.95 0.56 0.00	16.54 0.41 0.00	21.44 0.55 0.00	22.98 0.58 0.00	21.07 0.49 0.00	20.79 0.37 0.00	19.87 0.10 0.00	19.25 0.13 0.00	16.07 0.01 0.00	19.09 0.05 0.00	20.25 0.19 0.00	19.59 0.21 0.00	22.53 0.38 0.00	28.77 0.77 0.00	33.34 0.84 0.00	40.05 1.08 0.00	33.02 0.85 0.00	34.44 0.86 0.00	27.41 0.64 0.00	21.15 0.54 0.00
W.BABYLN_69_KV_BK1 56697	24.85 1.25 0.00	22.87 0.95 0.00	21.86 0.86 0.00	21.97 0.78 0.00	21.09 0.70 0.00	16.74 0.61 0.00	21.54 0.65 0.00	23.16 0.76 0.00	21.44 0.87 0.00	21.34 0.93 0.00	20.87 1.11 0.00	20.14 1.02 0.00	16.98 0.91 0.00	20.19 1.16 0.00	21.48 1.42 0.00	20.84 1.47 0.00	23.82 1.66 -0.01	30.08 2.08 0.00	34.75 2.24 0.00	41.20 2.23 0.00	33.87 1.70 0.00	35.22 1.64 0.00	28.12 1.35 0.00	21.57 0.96 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.49 0.90 0.00	22.63 0.70 0.00	21.64 0.64 0.00	21.77 0.57 0.00	20.95 0.56 0.00	16.66 0.53 0.00	21.52 0.62 0.00	23.12 0.72 0.00	21.36 0.78 0.00	21.24 0.82 0.00	20.66 0.89 0.00	19.97 0.85 0.00	16.88 0.82 0.00	20.03 0.99 0.00	21.16 1.11 0.00	20.41 1.03 0.00	23.33 1.18 0.00	29.47 1.47 0.00	34.13 1.63 0.00	40.68 1.70 0.00	33.49 1.32 0.00	34.82 1.23 0.00	27.76 0.99 0.00	21.26 0.65 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.38 0.78 0.00	22.52 0.60 0.00	21.56 0.56 0.00	21.68 0.49 0.00	20.87 0.48 0.00	16.61 0.47 0.00	21.42 0.53 0.00	23.04 0.64 0.00	21.34 0.76 0.00	21.26 0.85 0.00	20.72 0.95 0.00	19.98 0.86 0.00	16.88 0.81 0.00	20.02 0.98 0.00	21.17 1.12 0.00	20.51 1.13 0.00	23.42 1.27 0.00	29.55 1.55 0.00	34.18 1.68 0.00	40.65 1.67 0.00	33.51 1.35 0.00	34.83 1.25 0.00	27.77 1.00 0.00	21.28 0.67 0.00
W50THST__13_KV_LOAD 356117	24.49 0.89 0.00	22.60 0.68 0.00	21.66 0.67 0.00	21.80 0.61 0.00	21.00 0.61 0.00	16.71 0.57 0.00	21.54 0.65 0.00	23.17 0.78 0.00	21.48 0.90 0.00	21.40 0.99 0.00	20.86 1.09 0.00	20.11 0.99 0.00	17.00 0.93 0.00	20.16 1.12 0.00	21.30 1.25 0.00	20.64 1.27 0.00	23.56 1.42 0.00	29.73 1.73 0.00	34.39 1.89 0.00	40.85 1.88 0.00	33.68 1.51 0.00	35.00 1.42 0.00	27.91 1.14 0.00	21.39 0.79 0.00
WADING RIVER_IC_1 23522	24.32 0.73 0.00	22.35 0.43 0.00	21.35 0.36 0.00	21.49 0.29 0.00	20.62 0.23 0.00	16.36 0.22 0.00	21.06 0.17 0.00	22.63 0.23 0.00	20.96 0.38 0.00	20.89 0.47 0.00	20.44 0.67 0.00	19.72 0.60 0.00	16.61 0.55 0.00	19.77 0.73 0.00	21.04 0.98 0.00	20.45 1.08 0.00	23.42 1.26 -0.01	29.59 1.59 0.00	34.20 1.69 0.00	40.47 1.49 0.00	33.20 1.03 0.00	34.48 0.90 0.00	27.52 0.76 0.00	21.14 0.53 0.00
WADING RIVER_IC_2 23547	24.32 0.73 0.00	22.35 0.43 0.00	21.35 0.36 0.00	21.49 0.29 0.00	20.62 0.23 0.00	16.36 0.22 0.00	21.06 0.17 0.00	22.63 0.23 0.00	20.96 0.38 0.00	20.89 0.47 0.00	20.44 0.67 0.00	19.72 0.60 0.00	16.61 0.55 0.00	19.77 0.73 0.00	21.04 0.98 0.00	20.45 1.08 0.00	23.42 1.26 -0.01	29.59 1.59 0.00	34.20 1.69 0.00	40.47 1.49 0.00	33.20 1.03 0.00	34.48 0.90 0.00	27.52 0.76 0.00	21.14 0.53 0.00
WADING RIVER_IC_3 23601	24.32 0.73 0.00	22.35 0.43 0.00	21.35 0.36 0.00	21.49 0.29 0.00	20.62 0.23 0.00	16.36 0.22 0.00	21.06 0.17 0.00	22.63 0.23 0.00	20.96 0.38 0.00	20.89 0.47 0.00	20.44 0.67 0.00	19.72 0.60 0.00	16.61 0.55 0.00	19.77 0.73 0.00	21.04 0.98 0.00	20.45 1.08 0.00	23.42 1.26 -0.01	29.59 1.59 0.00	34.20 1.69 0.00	40.47 1.49 0.00	33.20 1.03 0.00	34.48 0.90 0.00	27.52 0.76 0.00	21.14 0.53 0.00
WALDENNY_12_KV_BK2 80841	22.97 -0.63 0.00	21.49 -0.43 0.00	20.94 -0.06 0.00	21.11 -0.08 0.00	20.17 -0.22 0.00	15.81 -0.33 0.00	20.50 -0.39 0.00	21.96 -0.43 0.00	20.20 -0.38 0.00	20.07 -0.35 0.00	19.62 -0.14 0.00	19.07 -0.05 0.00	15.97 -0.10 0.00	18.76 -0.28 0.00	19.60 -0.45 0.00	19.00 -0.38 0.00	21.58 -0.57 0.00	26.85 -1.16 0.00	31.29 -1.21 0.00	37.63 -1.34 0.00	31.00 -1.17 0.00	32.63 -0.95 0.00	26.16 -0.60 0.00	20.36 -0.25 0.00
WALDEN__HYDRO 24148	24.25 0.65 0.00	22.42 0.50 0.00	21.44 0.45 0.00	21.58 0.39 0.00	20.76 0.37 0.00	16.50 0.37 0.00	21.32 0.42 0.00	22.90 0.50 0.00	21.12 0.54 0.00	20.97 0.56 0.00	20.36 0.59 0.00	19.66 0.54 0.00	16.61 0.54 0.00	19.70 0.66 0.00	20.81 0.76 0.00	20.16 0.78 0.00	23.07 0.93 0.00	29.19 1.19 0.00	33.87 1.37 0.00	40.42 1.45 0.00	33.30 1.14 0.00	34.65 1.06 0.00	27.62 0.85 0.00	21.16 0.55 0.00
WARRENSBURG____ 23737	24.86 1.27 0.00	23.07 1.15 0.00	22.07 1.08 0.00	22.28 1.08 0.00	21.40 1.01 0.00	16.97 0.84 0.00	22.01 1.12 0.00	23.60 1.20 0.00	21.56 0.98 0.00	21.26 0.84 0.00	20.39 0.62 0.00	19.80 0.68 0.00	16.68 0.62 0.00	19.82 0.78 0.00	20.91 0.85 0.00	20.28 0.91 0.00	23.30 1.15 0.00	29.83 1.83 0.00	34.53 2.02 0.00	41.48 2.51 0.00	34.20 2.03 0.00	35.62 2.04 0.00	28.27 1.50 0.00	21.66 1.05 0.00
WATERSIDE____6 8 9 23538	24.41 0.81 0.00	22.54 0.63 0.00	21.54 0.55 0.00	21.65 0.46 0.00	20.86 0.47 0.00	16.61 0.47 0.00	21.39 0.50 0.00	23.01 0.62 0.00	21.33 0.75 0.00	21.24 0.82 0.00	20.70 0.93 0.00	19.99 0.87 0.00	16.89 0.82 0.00	20.01 0.98 0.00	21.16 1.11 0.00	20.48 1.11 0.00	23.38 1.23 0.00	29.52 1.52 0.00	34.17 1.67 0.00	40.60 1.63 0.00	33.50 1.33 0.00	34.80 1.22 0.00	27.76 1.00 0.00	21.29 0.69 0.00
WATKINRD_115KV_LN8_ILLION 55919	23.70 0.10 0.00	21.99 0.06 0.00	21.07 0.08 0.00	21.25 0.06 0.00	20.43 0.04 0.00	16.20 0.06 0.00	20.98 0.09 0.00	22.46 0.06 0.00	20.50 -0.08 0.00	20.27 -0.15 0.00	19.60 -0.17 0.00	18.94 -0.18 0.00	15.96 -0.10 0.00	18.95 -0.08 0.00	19.96 -0.09 0.00	19.31 -0.06 0.00	22.13 -0.02 0.00	28.11 0.10 0.00	32.76 0.25 0.00	39.34 0.37 0.00	32.49 0.32 0.00	33.87 0.28 0.00	26.96 0.19 0.00	20.71 0.10 0.00

WDELAWARE___HYD 323627	23.84 0.24 0.00	22.05 0.12 0.00	21.07 0.07 0.00	21.21 0.02 0.00	20.42 0.03 0.00	16.22 0.09 0.00	20.96 0.07 0.00	22.53 0.13 0.00	20.76 0.18 0.00	20.57 0.16 0.00	19.94 0.17 0.00	19.25 0.13 0.00	16.25 0.18 0.00	19.16 0.12 0.00	19.80 -0.26 0.00	19.18 -0.20 0.00	22.01 -0.13 0.00	27.89 -0.11 0.00	32.43 -0.07 0.00	38.78 -0.19 0.00	32.07 -0.10 0.00	34.14 0.56 0.00	27.22 0.45 0.00	20.84 0.23 0.00
WEST BABYLON___IC 23714	24.85 1.25 0.00	22.87 0.95 0.00	21.86 0.86 0.00	21.97 0.78 0.00	21.09 0.70 0.00	16.74 0.61 0.00	21.54 0.65 0.00	23.16 0.76 0.00	21.44 0.87 0.00	21.34 0.93 0.00	20.87 1.11 0.00	20.14 1.02 0.00	16.98 0.91 0.00	20.19 1.16 0.00	21.48 1.42 0.00	20.84 1.47 0.00	23.82 1.66 -0.01	30.08 2.08 0.00	34.75 2.24 0.00	41.20 2.23 0.00	33.87 1.70 0.00	35.22 1.64 0.00	28.12 1.35 0.00	21.57 0.96 0.00
WEST CANADA___HYD 24049	23.57 -0.02 0.00	21.90 -0.02 0.00	20.98 -0.02 0.00	21.17 -0.02 0.00	20.37 -0.02 0.00	16.13 0.00 0.00	20.89 0.00 0.00	22.38 -0.02 0.00	20.56 -0.02 0.00	20.39 -0.02 0.00	19.74 -0.03 0.00	19.08 -0.04 0.00	16.04 -0.03 0.00	19.02 -0.02 0.00	20.03 -0.02 0.00	19.36 -0.02 0.00	22.14 0.00 0.00	28.00 0.00 0.00	32.50 0.00 0.00	38.97 0.00 0.00	32.17 0.00 0.00	33.58 0.00 0.00	26.75 -0.02 0.00	20.59 -0.02 0.00
WESTERN_NY_WIND 24143	23.43 -0.17 0.00	21.91 -0.02 0.00	21.30 0.30 0.00	21.47 0.28 0.00	20.53 0.14 0.00	16.10 -0.04 0.00	20.87 -0.02 0.00	22.33 -0.07 0.00	20.44 -0.14 0.00	20.16 -0.26 0.00	19.63 -0.14 0.00	19.17 0.05 0.00	16.05 -0.02 0.00	18.83 -0.20 0.00	19.66 -0.39 0.00	19.00 -0.38 0.00	21.85 -0.30 0.00	27.05 -0.95 0.00	31.76 -0.74 0.00	38.43 -0.55 0.00	31.74 -0.42 0.00	33.30 -0.28 0.00	26.68 -0.09 0.00	20.73 0.13 0.00
WESTOVER___LESR 323668	23.30 -0.30 0.00	21.67 -0.25 0.00	20.84 -0.15 0.00	20.99 -0.20 0.00	20.21 -0.18 0.00	15.99 -0.14 0.00	20.74 -0.15 0.00	22.26 -0.14 0.00	20.41 -0.16 0.00	20.27 -0.15 0.00	19.70 -0.07 0.00	19.05 -0.08 0.00	16.00 -0.07 0.00	18.90 -0.13 0.00	19.88 -0.17 0.00	19.23 -0.15 0.00	21.98 -0.17 0.00	27.72 -0.28 0.00	32.35 -0.16 0.00	38.82 -0.15 0.00	31.94 -0.23 0.00	33.42 -0.16 0.00	26.63 -0.13 0.00	20.45 -0.15 0.00
WETHRSFD_WT_PWR 323626	22.77 -0.83 0.00	21.27 -0.66 0.00	20.69 -0.31 0.00	20.84 -0.35 0.00	19.97 -0.42 0.00	15.70 -0.43 0.00	20.40 -0.49 0.00	21.82 -0.58 0.00	19.91 -0.67 0.00	19.73 -0.69 0.00	19.26 -0.51 0.00	18.74 -0.38 0.00	15.70 -0.36 0.00	18.43 -0.61 0.00	19.29 -0.77 0.00	18.67 -0.71 0.00	21.23 -0.93 0.00	26.51 -1.49 0.00	31.19 -1.32 0.00	37.71 -1.26 0.00	31.08 -1.09 0.00	32.66 -0.93 0.00	26.14 -0.63 0.00	20.24 -0.37 0.00
WHAVSTOR_138KV_BK127 55557	24.21 0.62 0.00	22.37 0.45 0.00	21.39 0.40 0.00	21.52 0.33 0.00	20.72 0.33 0.00	16.48 0.34 0.00	21.27 0.38 0.00	22.85 0.46 0.00	21.12 0.54 0.00	21.01 0.59 0.00	20.43 0.66 0.00	19.73 0.61 0.00	16.67 0.60 0.00	19.78 0.74 0.00	20.91 0.86 0.00	20.26 0.88 0.00	23.15 1.00 0.00	29.24 1.24 0.00	33.86 1.35 0.00	40.34 1.37 0.00	33.23 1.06 0.00	34.55 0.97 0.00	27.56 0.80 0.00	21.12 0.51 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.21 0.62 0.00	22.37 0.45 0.00	21.39 0.40 0.00	21.52 0.33 0.00	20.72 0.33 0.00	16.48 0.34 0.00	21.27 0.38 0.00	22.85 0.46 0.00	21.12 0.54 0.00	21.01 0.59 0.00	20.43 0.66 0.00	19.73 0.61 0.00	16.67 0.60 0.00	19.78 0.74 0.00	20.91 0.86 0.00	20.26 0.88 0.00	23.15 1.00 0.00	29.24 1.24 0.00	33.86 1.35 0.00	40.34 1.37 0.00	33.23 1.06 0.00	34.55 0.97 0.00	27.56 0.80 0.00	21.12 0.51 0.00
WHITEHAL_115KV_TB1 80871	25.28 1.68 0.00	23.48 1.55 0.00	22.48 1.48 0.00	22.72 1.53 0.00	21.79 1.40 0.00	17.27 1.13 0.00	22.46 1.57 0.00	24.08 1.69 0.00	21.91 1.33 0.00	21.57 1.16 0.00	20.71 0.94 0.00	20.14 1.02 0.00	16.96 0.90 0.00	20.25 1.22 0.00	21.42 1.37 0.00	20.81 1.43 0.00	23.97 1.82 0.00	30.64 2.64 0.00	35.18 2.68 0.00	42.16 3.20 0.00	34.76 2.59 0.00	36.18 2.59 0.00	28.62 1.86 0.00	21.89 1.28 0.00
WHITEPLN_13_KV_LOAD 356215	24.53 0.93 0.00	22.67 0.75 0.00	21.66 0.66 0.00	21.78 0.59 0.00	20.96 0.57 0.00	16.67 0.53 0.00	21.52 0.63 0.00	23.13 0.73 0.00	21.39 0.81 0.00	21.29 0.87 0.00	20.73 0.96 0.00	20.01 0.88 0.00	16.90 0.83 0.00	20.06 1.02 0.00	21.21 1.16 0.00	20.55 1.18 0.00	23.49 1.34 0.00	29.69 1.69 0.00	34.36 1.86 0.00	40.92 1.95 0.00	33.71 1.54 0.00	35.04 1.46 0.00	27.92 1.16 0.00	21.39 0.79 0.00
WM_FLOYD_69_KV_BK2 356380	24.54 0.94 0.00	22.57 0.65 0.00	21.56 0.57 0.00	21.69 0.50 0.00	20.81 0.42 0.00	16.51 0.38 0.00	21.26 0.37 0.00	22.84 0.44 0.00	21.14 0.57 0.00	21.06 0.64 0.00	20.60 0.83 0.00	19.87 0.75 0.00	16.74 0.67 0.00	19.91 0.87 0.00	21.19 1.14 0.00	20.60 1.22 0.00	23.59 1.43 -0.01	29.79 1.79 0.00	34.45 1.95 0.00	40.80 1.82 0.00	33.48 1.31 0.00	34.79 1.21 0.00	27.77 1.01 0.00	21.33 0.73 0.00
WOODARD__115KV_TB2 355635	23.08 -0.52 0.00	21.52 -0.40 0.00	20.65 -0.35 0.00	20.84 -0.36 0.00	20.04 -0.35 0.00	15.86 -0.27 0.00	20.53 -0.36 0.00	22.01 -0.39 0.00	20.18 -0.39 0.00	20.03 -0.38 0.00	19.45 -0.32 0.00	18.84 -0.28 0.00	15.84 -0.23 0.00	18.72 -0.31 0.00	19.66 -0.40 0.00	18.95 -0.43 0.00	21.61 -0.54 0.00	27.30 -0.70 0.00	31.82 -0.68 0.00	38.19 -0.78 0.00	31.51 -0.66 0.00	32.91 -0.67 0.00	26.26 -0.50 0.00	20.22 -0.39 0.00
WOODMERE_69_KV_BK1 55827	24.77 1.18 0.00	22.84 0.92 0.00	21.83 0.84 0.00	21.95 0.75 0.00	21.10 0.71 0.00	16.75 0.61 0.00	21.55 0.66 0.00	23.17 0.77 0.00	21.45 0.88 0.00	21.37 0.95 0.00	20.89 1.13 0.00	20.18 1.06 0.00	17.04 0.97 0.00	20.24 1.21 0.00	21.49 1.43 0.00	20.84 1.46 0.00	23.79 1.63 -0.01	29.99 1.99 0.00	34.65 2.15 0.00	41.14 2.17 0.00	33.84 1.67 0.00	35.22 1.63 0.00	28.10 1.34 0.00	21.54 0.94 0.00
YORK___WARBASSE 23770	24.45 0.85 0.00	22.57 0.65 0.00	21.57 0.58 0.00	21.69 0.50 0.00	20.91 0.51 0.00	16.64 0.51 0.00	21.43 0.54 0.00	23.06 0.66 0.00	21.36 0.79 0.00	21.27 0.86 0.00	20.72 0.95 0.00	20.01 0.89 0.00	16.90 0.83 0.00	20.03 0.99 0.00	21.18 1.12 0.00	20.50 1.13 0.00	23.41 1.26 0.00	29.57 1.57 0.00	34.25 1.75 0.00	40.68 1.71 0.00	33.56 1.40 0.00	34.86 1.28 0.00	27.82 1.06 0.00	21.33 0.72 0.00