

ALBANY___2 23572	16.71 0.00 0.00	16.86 0.12 0.00	15.34 0.17 0.00	14.41 0.21 0.00	14.64 0.17 0.00	16.69 0.11 0.00	14.24 0.14 0.00	14.81 0.07 0.00	12.96 0.10 0.00	14.00 0.06 0.00	11.70 0.02 0.00	14.29 0.01 0.00	14.28 0.00 0.00	14.57 -0.02 0.00	15.12 -0.01 0.00	15.79 0.00 0.00	17.99 0.03 0.00	28.60 0.04 0.00	30.94 0.08 0.00	30.60 0.09 0.00	29.16 0.05 0.00	22.48 0.01 0.00	24.07 -0.05 0.00	18.25 -0.10 0.00
ALBANY___3 23573	16.71 0.00 0.00	16.86 0.12 0.00	15.34 0.17 0.00	14.41 0.21 0.00	14.64 0.17 0.00	16.69 0.11 0.00	14.24 0.14 0.00	14.81 0.07 0.00	12.96 0.10 0.00	14.00 0.06 0.00	11.70 0.02 0.00	14.29 0.01 0.00	14.28 0.00 0.00	14.57 -0.02 0.00	15.12 -0.01 0.00	15.79 0.00 0.00	17.99 0.03 0.00	28.60 0.04 0.00	30.94 0.08 0.00	30.60 0.09 0.00	29.16 0.05 0.00	22.48 0.01 0.00	24.07 -0.05 0.00	18.25 -0.10 0.00
ALBANY___4 23574	16.71 0.00 0.00	16.86 0.12 0.00	15.34 0.17 0.00	14.41 0.21 0.00	14.64 0.17 0.00	16.69 0.11 0.00	14.24 0.14 0.00	14.81 0.07 0.00	12.96 0.10 0.00	14.00 0.06 0.00	11.70 0.02 0.00	14.29 0.01 0.00	14.28 0.00 0.00	14.57 -0.02 0.00	15.12 -0.01 0.00	15.79 0.00 0.00	17.99 0.03 0.00	28.60 0.04 0.00	30.94 0.08 0.00	30.60 0.09 0.00	29.16 0.05 0.00	22.48 0.01 0.00	24.07 -0.05 0.00	18.25 -0.10 0.00
ALBANY___LFGE 323615	16.84 0.13 0.00	16.98 0.24 0.00	15.45 0.28 0.00	14.51 0.31 0.00	14.74 0.27 0.00	16.80 0.23 0.00	14.34 0.24 0.00	14.91 0.17 0.00	13.05 0.19 0.00	14.09 0.15 0.00	11.78 0.10 0.00	14.39 0.11 0.00	14.39 0.11 0.00	14.69 0.10 0.00	15.26 0.13 0.00	15.95 0.15 0.00	18.17 0.22 0.00	28.87 0.31 0.00	31.24 0.39 0.00	30.90 0.40 0.00	29.45 0.34 0.00	22.69 0.22 0.00	24.29 0.17 0.00	18.40 0.06 0.00
ALCOA_PA_115KV_PL-6C 55860	16.71 0.00 0.00	16.71 -0.04 0.00	15.10 -0.07 0.00	14.09 -0.11 0.00	14.39 -0.09 0.00	16.54 -0.03 0.00	14.09 -0.01 0.00	14.74 -0.01 0.00	12.84 -0.01 0.00	13.95 0.02 0.00	11.67 -0.01 0.00	14.16 -0.12 0.00	14.15 -0.13 0.00	14.49 -0.10 0.00	14.93 -0.20 0.00	15.59 -0.20 0.00	17.75 -0.20 0.00	28.44 -0.12 0.00	30.72 -0.13 0.00	30.33 -0.17 0.00	28.99 -0.11 0.00	22.37 -0.10 0.00	24.00 -0.11 0.00	18.39 0.04 0.00
ALCOA_RYNLDS___DRP 24188	16.71 0.00 0.00	16.71 -0.04 0.00	15.10 -0.07 0.00	14.09 -0.11 0.00	14.39 -0.09 0.00	16.54 -0.03 0.00	14.09 -0.01 0.00	14.74 -0.01 0.00	12.84 -0.01 0.00	13.95 0.02 0.00	11.67 -0.01 0.00	14.16 -0.12 0.00	14.15 -0.13 0.00	14.49 -0.10 0.00	14.93 -0.20 0.00	15.59 -0.20 0.00	17.75 -0.20 0.00	28.44 -0.12 0.00	30.72 -0.13 0.00	30.33 -0.17 0.00	28.99 -0.11 0.00	22.37 -0.10 0.00	24.00 -0.11 0.00	18.39 0.04 0.00
ALCOA___DSASP 323711	16.71 0.00 0.00	16.71 -0.04 0.00	15.10 -0.07 0.00	14.09 -0.11 0.00	14.39 -0.09 0.00	16.54 -0.03 0.00	14.09 -0.01 0.00	14.74 -0.01 0.00	12.84 -0.01 0.00	13.95 0.02 0.00	11.67 -0.01 0.00	14.16 -0.12 0.00	14.15 -0.13 0.00	14.49 -0.10 0.00	14.93 -0.20 0.00	15.59 -0.20 0.00	17.75 -0.20 0.00	28.44 -0.12 0.00	30.72 -0.13 0.00	30.33 -0.17 0.00	28.99 -0.11 0.00	22.37 -0.10 0.00	24.00 -0.11 0.00	18.39 0.04 0.00
ALLEGHENY___COGEN 23514	16.51 -0.19 0.00	16.44 -0.30 0.00	14.86 -0.32 0.00	13.92 -0.28 0.00	14.19 -0.28 0.00	16.32 -0.25 0.00	13.84 -0.27 0.00	14.53 -0.21 0.00	12.34 -0.52 0.00	13.57 -0.36 0.00	11.56 -0.12 0.00	14.40 0.13 0.00	14.47 0.19 0.00	14.82 0.23 0.00	15.29 0.15 0.00	16.02 0.23 0.00	18.20 0.24 0.00	28.82 0.26 0.00	31.26 0.41 0.00	31.11 0.61 0.00	29.97 0.87 0.00	23.14 0.67 0.00	25.05 0.93 0.00	19.13 0.78 0.00
ALTAMONT_115KV_TB 2 55880	16.99 0.28 0.00	17.07 0.33 0.00	15.51 0.33 0.00	14.55 0.35 0.00	14.79 0.32 0.00	16.90 0.32 0.00	14.38 0.28 0.00	15.01 0.26 0.00	13.10 0.25 0.00	14.16 0.22 0.00	11.85 0.17 0.00	14.48 0.20 0.00	14.47 0.19 0.00	14.77 0.18 0.00	15.34 0.20 0.00	16.02 0.23 0.00	18.27 0.31 0.00	29.06 0.50 0.00	31.42 0.57 0.00	31.10 0.59 0.00	29.63 0.53 0.00	22.85 0.38 0.00	24.48 0.37 0.00	18.56 0.22 0.00
ALTONA_WT_PWR 323606	17.23 0.53 0.00	17.28 0.54 0.00	15.48 0.30 0.00	14.30 0.10 0.00	14.28 -0.19 0.00	16.83 0.25 0.00	14.67 0.57 0.00	15.08 0.34 0.00	13.16 0.31 0.00	14.36 0.42 0.00	11.96 0.28 0.00	14.42 0.14 0.00	14.55 0.27 0.00	15.14 0.55 0.00	15.41 0.28 0.00	15.79 0.00 0.00	18.13 0.17 0.00	29.80 1.24 0.00	32.47 1.62 0.00	32.08 1.58 0.00	30.26 1.16 0.00	23.03 0.57 0.00	24.33 0.21 0.00	18.85 0.50 0.00
AMERICAN_REF_FUEL 24010	15.61 -1.10 0.00	15.52 -1.22 0.00	14.03 -1.14 0.00	13.16 -1.04 0.00	13.43 -1.04 0.00	15.44 -1.13 0.00	13.02 -1.08 0.00	13.82 -0.92 0.00	11.84 -1.02 0.00	13.04 -0.89 0.00	11.10 -0.58 0.00	13.89 -0.38 0.00	13.90 -0.38 0.00	14.24 -0.35 0.00	14.74 -0.39 0.00	15.39 -0.40 0.00	17.21 -0.74 0.00	27.12 -1.44 0.00	29.25 -1.60 0.00	29.00 -1.51 0.00	27.78 -1.32 0.00	21.58 -0.89 0.00	23.60 -0.51 0.00	18.20 -0.15 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	15.73 -0.98 0.00	15.67 -1.08 0.00	14.12 -1.05 0.00	13.24 -0.96 0.00	13.51 -0.96 0.00	15.56 -1.02 0.00	13.28 -0.82 0.00	14.03 -0.71 0.00	12.14 -0.72 0.00	13.36 -0.57 0.00	11.44 -0.24 0.00	14.38 0.10 0.00	14.45 0.17 0.00	14.66 0.07 0.00	15.30 0.16 0.00	15.97 0.18 0.00	17.98 0.02 0.00	28.25 -0.31 0.00	30.43 -0.42 0.00	30.34 -0.17 0.00	29.22 0.12 0.00	22.77 0.30 0.00	24.97 0.86 0.00	19.06 0.71 0.00
ARTHUR KILL_GT_1 23520	17.69 0.98 0.00	17.80 1.06 0.00	16.18 1.01 0.00	15.17 0.97 0.00	15.36 0.89 0.00	17.54 0.96 0.00	15.05 0.94 0.00	15.73 0.99 0.00	13.76 0.90 0.00	14.85 0.91 0.00	12.47 0.79 0.00	15.19 0.91 0.00	15.21 0.93 0.00	15.47 0.88 0.00	16.07 0.94 0.00	16.80 1.01 0.00	19.17 1.22 0.00	30.39 1.84 0.00	32.85 2.00 0.00	32.54 2.03 0.00	30.97 1.87 0.00	23.95 1.48 0.00	25.62 1.51 0.00	19.37 1.02 0.00
ARTHUR_KILL_2 23512	17.65 0.94 0.00	17.76 1.02 0.00	16.14 0.97 0.00	15.14 0.94 0.00	15.32 0.85 0.00	17.49 0.92 0.00	15.01 0.91 0.00	15.69 0.95 0.00	13.73 0.87 0.00	14.82 0.88 0.00	12.44 0.76 0.00	15.16 0.88 0.00	15.18 0.90 0.00	15.44 0.85 0.00	16.03 0.90 0.00	16.77 0.97 0.00	19.13 1.17 0.00	30.32 1.76 0.00	32.76 1.91 0.00	32.44 1.94 0.00	30.88 1.78 0.00	23.88 1.41 0.00	25.55 1.44 0.00	19.31 0.97 0.00
ARTHUR_KILL_3 23513	17.60 0.89 0.00	17.71 0.96 0.00	16.08 0.91 0.00	15.11 0.91 0.00	15.29 0.82 0.00	17.45 0.88 0.00	14.97 0.86 0.00	15.64 0.90 0.00	13.71 0.86 0.00	14.82 0.88 0.00	12.45 0.77 0.00	15.17 0.90 0.00	15.19 0.92 0.00	15.46 0.87 0.00	16.05 0.92 0.00	16.77 0.98 0.00	19.13 1.17 0.00	30.35 1.79 0.00	32.78 1.93 0.00	32.44 1.94 0.00	30.87 1.77 0.00	23.81 1.34 0.00	25.48 1.37 0.00	19.24 0.89 0.00

ARTHUR_KILL_COGEN 323718	17.69 0.98 0.00	17.80 1.06 0.00	16.18 1.01 0.00	15.17 0.97 0.00	15.36 0.89 0.00	17.54 0.96 0.00	15.05 0.94 0.00	15.73 0.99 0.00	13.76 0.90 0.00	14.85 0.91 0.00	12.47 0.79 0.00	15.19 0.91 0.00	15.21 0.93 0.00	15.47 0.88 0.00	16.07 0.94 0.00	16.80 1.01 0.00	19.17 1.22 0.00	30.39 1.84 0.00	32.85 2.00 0.00	32.54 2.03 0.00	30.97 1.87 0.00	23.95 1.48 0.00	25.62 1.51 0.00	19.37 1.02 0.00
ASHOKAN____ 23654	17.46 0.75 0.00	17.54 0.80 0.00	15.93 0.76 0.00	14.95 0.75 0.00	15.21 0.74 0.00	17.37 0.80 0.00	14.81 0.71 0.00	15.46 0.72 0.00	13.47 0.61 0.00	14.43 0.49 0.00	11.98 0.30 0.00	14.59 0.31 0.00	14.54 0.27 0.00	14.86 0.27 0.00	15.43 0.30 0.00	16.47 0.68 0.00	18.87 0.91 0.00	30.11 1.54 0.00	32.60 1.75 0.00	32.26 1.76 0.00	30.74 1.64 0.00	23.61 1.15 0.00	25.21 1.10 0.00	19.02 0.67 0.00
ASTORIA_EAST_ENERGY_CC1 323581	17.58 0.87 0.00	17.69 0.95 0.00	16.12 0.95 0.00	15.11 0.91 0.00	15.29 0.81 0.00	17.43 0.86 0.00	14.99 0.89 0.00	15.66 0.92 0.00	13.73 0.88 0.00	14.85 0.91 0.00	12.48 0.79 0.00	15.20 0.92 0.00	15.22 0.94 0.00	15.46 0.87 0.00	16.07 0.93 0.00	16.76 0.97 0.00	19.10 1.14 0.00	30.24 1.68 0.00	32.69 1.84 0.00	32.39 1.89 0.00	30.84 1.74 0.00	23.81 1.34 0.00	25.45 1.34 0.00	19.24 0.89 0.00
ASTORIA_EAST_ENERGY_CC2 323582	17.58 0.87 0.00	17.69 0.95 0.00	16.12 0.95 0.00	15.11 0.91 0.00	15.28 0.81 0.00	17.43 0.86 0.00	14.99 0.88 0.00	15.66 0.92 0.00	13.73 0.87 0.00	14.85 0.91 0.00	12.48 0.79 0.00	15.20 0.92 0.00	15.22 0.94 0.00	15.46 0.87 0.00	16.07 0.93 0.00	16.76 0.97 0.00	19.10 1.14 0.00	30.24 1.68 0.00	32.69 1.84 0.00	32.39 1.89 0.00	30.84 1.74 0.00	23.81 1.34 0.00	25.45 1.34 0.00	19.24 0.89 0.00
ASTORIA_GT2_1 24094	17.59 0.88 0.00	17.72 0.98 0.00	16.13 0.95 0.00	15.12 0.92 0.00	15.29 0.82 0.00	17.44 0.87 0.00	14.99 0.89 0.00	15.67 0.92 0.00	13.73 0.88 0.00	14.85 0.92 0.00	12.48 0.79 0.00	15.20 0.93 0.00	15.22 0.94 0.00	15.46 0.87 0.00	16.07 0.94 0.00	16.77 0.98 0.00	19.11 1.15 0.00	30.26 1.70 0.00	32.71 1.85 0.00	32.41 1.91 0.00	30.86 1.75 0.00	23.83 1.36 0.00	25.47 1.36 0.00	19.25 0.90 0.00
ASTORIA_GT2_2 24095	17.59 0.88 0.00	17.72 0.98 0.00	16.13 0.95 0.00	15.12 0.92 0.00	15.29 0.82 0.00	17.44 0.87 0.00	14.99 0.89 0.00	15.67 0.92 0.00	13.73 0.88 0.00	14.85 0.92 0.00	12.48 0.79 0.00	15.20 0.93 0.00	15.22 0.94 0.00	15.46 0.87 0.00	16.07 0.94 0.00	16.77 0.98 0.00	19.11 1.15 0.00	30.26 1.70 0.00	32.71 1.85 0.00	32.41 1.91 0.00	30.86 1.75 0.00	23.83 1.36 0.00	25.47 1.36 0.00	19.25 0.90 0.00
ASTORIA_GT2_3 24096	17.59 0.88 0.00	17.72 0.98 0.00	16.13 0.95 0.00	15.12 0.92 0.00	15.29 0.82 0.00	17.44 0.87 0.00	14.99 0.89 0.00	15.67 0.92 0.00	13.73 0.88 0.00	14.85 0.92 0.00	12.48 0.79 0.00	15.20 0.93 0.00	15.22 0.94 0.00	15.46 0.87 0.00	16.07 0.94 0.00	16.77 0.98 0.00	19.11 1.15 0.00	30.26 1.70 0.00	32.71 1.85 0.00	32.41 1.91 0.00	30.86 1.75 0.00	23.83 1.36 0.00	25.47 1.36 0.00	19.25 0.90 0.00
ASTORIA_GT2_4 24097	17.59 0.88 0.00	17.72 0.98 0.00	16.13 0.95 0.00	15.12 0.92 0.00	15.29 0.82 0.00	17.44 0.87 0.00	14.99 0.89 0.00	15.67 0.92 0.00	13.73 0.88 0.00	14.85 0.92 0.00</														

ASTORIA_GT4_4 24105	17.59 0.88 0.00	17.72 0.98 0.00	16.13 0.95 0.00	15.12 0.92 0.00	15.29 0.82 0.00	17.44 0.87 0.00	14.99 0.89 0.00	15.67 0.92 0.00	13.73 0.88 0.00	14.85 0.92 0.00	12.48 0.79 0.00	15.20 0.93 0.00	15.22 0.94 0.00	15.46 0.87 0.00	16.07 0.94 0.00	16.77 0.98 0.00	19.11 1.15 0.00	30.26 1.70 0.00	32.71 1.85 0.00	32.41 1.91 0.00	30.86 1.75 0.00	23.83 1.36 0.00	25.47 1.36 0.00	19.25 0.90 0.00
ASTORIA_GT_1 23523	17.61 0.91 0.00	17.72 0.98 0.00	16.15 0.97 0.00	15.14 0.94 0.00	15.31 0.84 0.00	17.46 0.89 0.00	15.01 0.91 0.00	15.69 0.94 0.00	13.75 0.90 0.00	14.88 0.94 0.00	12.50 0.81 0.00	15.23 0.95 0.00	15.24 0.97 0.00	15.49 0.90 0.00	16.10 0.96 0.00	16.80 1.01 0.00	19.14 1.19 0.00	30.32 1.76 0.00	32.77 1.91 0.00	32.47 1.97 0.00	30.91 1.81 0.00	23.87 1.40 0.00	25.51 1.40 0.00	19.28 0.93 0.00
ASTORIA_GT_10 24110	17.65 0.94 0.00	17.76 1.02 0.00	16.15 0.97 0.00	15.16 0.96 0.00	15.34 0.87 0.00	17.50 0.92 0.00	15.02 0.92 0.00	15.70 0.96 0.00	13.77 0.91 0.00	14.87 0.94 0.00	12.50 0.82 0.00	15.24 0.96 0.00	15.25 0.97 0.00	15.50 0.91 0.00	16.09 0.96 0.00	16.81 1.01 0.00	19.17 1.22 0.00	30.40 1.84 0.00	32.84 1.99 0.00	32.52 2.01 0.00	30.98 1.88 0.00	23.90 1.43 0.00	25.57 1.45 0.00	19.30 0.95 0.00
ASTORIA_GT_11 24225	17.65 0.94 0.00	17.76 1.02 0.00	16.15 0.97 0.00	15.16 0.96 0.00	15.34 0.87 0.00	17.50 0.92 0.00	15.02 0.92 0.00	15.70 0.96 0.00	13.77 0.91 0.00	14.87 0.94 0.00	12.50 0.82 0.00	15.24 0.96 0.00	15.25 0.97 0.00	15.50 0.91 0.00	16.09 0.96 0.00	16.81 1.01 0.00	19.17 1.22 0.00	30.40 1.84 0.00	32.84 1.99 0.00	32.52 2.01 0.00	30.98 1.88 0.00	23.90 1.43 0.00	25.57 1.45 0.00	19.30 0.95 0.00
ASTORIA_GT_12 24226	17.65 0.94 0.00	17.76 1.02 0.00	16.15 0.97 0.00	15.16 0.96 0.00	15.34 0.87 0.00	17.50 0.92 0.00	15.02 0.92 0.00	15.70 0.96 0.00	13.77 0.91 0.00	14.87 0.94 0.00	12.50 0.82 0.00	15.24 0.96 0.00	15.25 0.97 0.00	15.50 0.91 0.00	16.09 0.96 0.00	16.81 1.01 0.00	19.17 1.22 0.00	30.40 1.84 0.00	32.84 1.99 0.00	32.52 2.01 0.00	30.98 1.88 0.00	23.90 1.43 0.00	25.57 1.45 0.00	19.30 0.95 0.00
ASTORIA_GT_13 24227	17.65 0.94 0.00	17.76 1.02 0.00	16.15 0.97 0.00	15.16 0.96 0.00	15.34 0.87 0.00	17.50 0.92 0.00	15.02 0.92 0.00	15.70 0.96 0.00	13.77 0.91 0.00	14.87 0.94 0.00	12.50 0.82 0.00	15.24 0.96 0.00	15.25 0.97 0.00	15.50 0.91 0.00	16.09 0.96 0.00	16.81 1.01 0.00	19.17 1.22 0.00	30.40 1.84 0.00	32.84 1.99 0.00	32.52 2.01 0.00	30.98 1.88 0.00	23.90 1.43 0.00	25.57 1.45 0.00	19.30 0.95 0.00
ASTORIA_GT_5 24106	17.62 0.91 0.00	17.74 1.00 0.00	16.15 0.97 0.00	15.14 0.94 0.00	15.31 0.84 0.00	17.46 0.89 0.00	15.01 0.91 0.00	15.69 0.95 0.00	13.75 0.90 0.00	14.88 0.94 0.00	12.50 0.81 0.00	15.23 0.95 0.00	15.25 0.97 0.00	15.49 0.90 0.00	16.10 0.96 0.00	16.80 1.01 0.00	19.14 1.18 0.00	30.32 1.75 0.00	32.76 1.91 0.00	32.47 1.97 0.00	30.91 1.81 0.00	23.87 1.40 0.00	25.51 1.40 0.00	19.28 0.93 0.00
ASTORIA_GT_7 24107	17.62 0.91 0.00	17.74 1.00 0.00	16.15 0.97 0.00	15.14 0.94 0.00	15.31 0.84 0.00	17.46 0.89 0.00	15.01 0.91 0.00	15.69 0.95 0.00	13.75 0.90 0.00	14.88 0.94 0.00	12.50													

ATHENS_STG_1 23668	17.18 0.48 0.00	17.26 0.52 0.00	15.68 0.51 0.00	14.72 0.52 0.00	14.95 0.48 0.00	17.07 0.50 0.00	14.54 0.44 0.00	15.18 0.44 0.00	13.27 0.42 0.00	14.36 0.42 0.00	12.03 0.35 0.00	14.70 0.42 0.00	14.69 0.41 0.00	14.97 0.38 0.00	15.54 0.41 0.00	16.22 0.43 0.00	18.50 0.54 0.00	29.42 0.86 0.00	31.82 0.97 0.00	31.50 1.00 0.00	30.00 0.90 0.00	23.13 0.66 0.00	24.78 0.67 0.00	18.76 0.41 0.00
ATHENS_STG_2 23670	17.18 0.48 0.00	17.26 0.52 0.00	15.68 0.51 0.00	14.72 0.52 0.00	14.95 0.48 0.00	17.07 0.50 0.00	14.54 0.44 0.00	15.18 0.44 0.00	13.27 0.42 0.00	14.36 0.42 0.00	12.03 0.35 0.00	14.70 0.42 0.00	14.69 0.41 0.00	14.97 0.38 0.00	15.54 0.41 0.00	16.22 0.43 0.00	18.50 0.54 0.00	29.42 0.86 0.00	31.82 0.97 0.00	31.50 1.00 0.00	30.00 0.90 0.00	23.13 0.66 0.00	24.78 0.67 0.00	18.76 0.41 0.00
ATHENS_STG_3 23677	17.18 0.48 0.00	17.26 0.52 0.00	15.68 0.51 0.00	14.72 0.52 0.00	14.95 0.48 0.00	17.07 0.50 0.00	14.54 0.44 0.00	15.18 0.44 0.00	13.27 0.42 0.00	14.36 0.42 0.00	12.03 0.35 0.00	14.70 0.42 0.00	14.69 0.41 0.00	14.97 0.38 0.00	15.54 0.41 0.00	16.22 0.43 0.00	18.50 0.54 0.00	29.42 0.86 0.00	31.82 0.97 0.00	31.50 1.00 0.00	30.00 0.90 0.00	23.13 0.66 0.00	24.78 0.67 0.00	18.76 0.41 0.00
AUBURN___LFGE 323710	16.64 -0.07 0.00	16.66 -0.08 0.00	15.11 -0.06 0.00	14.15 -0.05 0.00	14.42 -0.05 0.00	16.46 -0.11 0.00	14.02 -0.08 0.00	14.72 -0.02 0.00	12.79 -0.07 0.00	13.84 -0.10 0.00	11.66 -0.02 0.00	14.35 0.08 0.00	14.42 0.14 0.00	14.73 0.14 0.00	15.30 0.17 0.00	15.95 0.15 0.00	18.12 0.16 0.00	28.65 0.09 0.00	30.78 -0.06 0.00	30.56 0.06 0.00	29.20 0.09 0.00	22.55 0.08 0.00	24.16 0.05 0.00	18.46 0.12 0.00
BABYLON_RES_REC 323704	17.77 1.06 0.00	17.92 1.17 0.00	16.25 1.08 0.00	15.19 0.99 0.00	15.39 0.92 0.00	17.51 0.94 0.00	15.00 0.90 0.00	15.70 0.95 0.00	13.73 0.88 0.00	14.92 0.99 0.00	12.61 0.93 0.00	15.30 1.02 0.00	15.20 0.92 0.00	15.40 0.81 0.00	15.99 0.85 0.00	16.77 0.98 0.00	19.29 1.33 0.00	30.70 2.14 0.00	33.14 2.29 0.00	32.83 2.33 0.00	30.92 1.82 0.00	23.95 1.48 0.00	25.52 1.41 0.00	19.28 0.93 0.00
BABYLON___69_KV_BK2 356345	17.91 1.21 0.00	18.08 1.33 0.00	16.39 1.22 0.00	15.30 1.11 0.00	15.51 1.04 0.00	17.65 1.08 0.00	15.11 1.01 0.00	15.82 1.08 0.00	13.84 0.99 0.00	15.05 1.11 0.00	12.73 1.05 0.00	15.44 1.16 0.00	15.33 1.05 0.00	15.51 0.92 0.00	16.10 0.96 0.00	16.90 1.11 0.00	19.48 1.52 0.00	31.02 2.45 0.00	33.47 2.62 0.00	33.17 2.66 0.00	31.22 2.12 0.00	24.19 1.72 0.00	25.77 1.66 0.00	19.45 1.11 0.00
BALL_HILL_WT_PWR 323825	16.03 -0.68 0.00	15.96 -0.78 0.00	14.40 -0.77 0.00	13.50 -0.70 0.00	13.78 -0.70 0.00	15.85 -0.72 0.00	13.45 -0.65 0.00	14.22 -0.52 0.00	12.26 -0.60 0.00	13.46 -0.47 0.00	11.48 -0.20 0.00	14.38 0.10 0.00	14.42 0.15 0.00	14.71 0.12 0.00	15.28 0.15 0.00	15.95 0.15 0.00	17.93 -0.03 0.00	28.23 -0.33 0.00	30.38 -0.47 0.00	30.14 -0.36 0.00	28.92 -0.19 0.00	22.45 -0.02 0.00	24.56 0.45 0.00	18.79 0.44 0.00
BARON_WINDS___WT_PWR 323822	15.89 -0.81 0.00	15.89 -0.85 0.00	14.35 -0.82 0.00	13.47 -0.73 0.00	13.72 -0.75 0.00	15.76 -0.81 0.00	13.39 -0.71 0.00	14.14 -0.60 0.00	12.29 -0.56 0.00	13.47 -0.46 0.00	11.42 -0.26 0.00	14.22 -0.05 0.00	14.29 0.01 0.00	14.62 0.03 0.00	15.12 -0.01 0.00	15.82 0.03 0.00	17.93 -0.03 0.00	28.29 -0.28 0.00	30.40 -0.45 0.00	30.14 -0.36 0.00	28.91 -0.19 0.00	22.30 -0.17 0.00	24.26 0.14 0.00	18.57 0.23 0.00
BARRETT_IC_1 23704	17.63 0.92 0.00	17.75 1.01 0.00	16.11 0.94 0.00	15.11 0.91 0.00	15.29 0.82 0.00	17.41 0.84 0.00	14.88 0.78 0.00	15.54 0.80 0.00	13.63 0.77 0.00	14.82 0.88 0.00	12.51 0.83 0.00	15.20 0.93 0.00	15.16 0.88 0.00	15.37 0.78 0.00	15.97 0.84 0.00	16.75 0.96 0.00	19.23 1.28 0.00	30.56 1.99 -0.01	32.91 2.06 0.00	32.51 2.00 0.00	30.63 1.53 0.00	23.68 1.21 0.00	25.27 1.16 0.00	19.13 0.79 0.00
BARRETT_IC_10 23701	17.63 0.92 0.00	17.75 1.01 0.00	16.11 0.94 0.00	15.11 0.91 0.00	15.29 0.82 0.00	17.41 0.84 0.00	14.88 0.78 0.00	15.54 0.80 0.00	13.63 0.77 0.00	14.82 0.88 0.00	12.51 0.83 0.00	15.20 0.93 0.00	15.16 0.88 0.00	15.37 0.78 0.00	15.97 0.84 0.00	16.75 0.96 0.00	19.23 1.28 0.00	30.56 1.99 -0.01	32.91 2.06 0.00	32.51 2.00 0.00	30.63 1.53 0.00	23.68 1.21 0.00	25.27 1.16 0.00	19.13 0.79 0.00
BARRETT_IC_11 23702	17.63 0.92 0.00	17.75 1.01 0.00	16.11 0.94 0.00	15.11 0.91 0.00	15.29 0.82 0.00	17.41 0.84 0.00	14.88 0.78 0.00	15.54 0.80 0.00	13.63 0.77 0.00	14.82 0.88 0.00	12.51 0.83 0.00	15.20 0.93 0.00	15.16 0.88 0.00	15.37 0.78 0.00	15.97 0.84 0.00	16.75 0.96 0.00	19.23 1.28 0.00	30.56 1.99 -0.01	32.91 2.06 0.00	32.51 2.00 0.00	30.63 1.53 0.00	23.68 1.21 0.00	25.27 1.16 0.00	19.13 0.79 0.00
BARRETT_IC_12 23703	17.63 0.92 0.00	17.75 1.01 0.00	16.11 0.94 0.00	15.11 0.91 0.00	15.29 0.82 0.00	17.41 0.84 0.00	14.88 0.78 0.00	15.54 0.80 0.00	13.63 0.77 0.00	14.82 0.88 0.00	12.51 0.83 0.00	15.20 0.93 0.00	15.16 0.88 0.00	15.37 0.78 0.00	15.97 0.84 0.00	16.75 0.96 0.00	19.23 1.28 0.00	30.56 1.99 -0.01	32.91 2.06 0.00	32.51 2.00 0.00	30.63 1.53 0.00	23.68 1.21 0.00	25.27 1.16 0.00	19.13 0.79 0.00
BARRETT_IC_2 23705	17.63 0.92 0.00	17.75 1.01 0.00	16.11 0.94 0.00	15.11 0.91 0.00	15.29 0.82 0.00	17.41 0.84 0.00	14.88 0.78 0.00	15.54 0.80 0.00	13.63 0.77 0.00	14.82 0.88 0.00	12.51 0.83 0.00	15.20 0.93 0.00	15.16 0.88 0.00	15.37 0.78 0.00	15.97 0.84 0.00	16.75 0.96 0.00	19.23 1.28 0.00	30.56 1.99 -0.01	32.91 2.06 0.00	32.51 2.00 0.00	30.63 1.53 0.00	23.68 1.21 0.00	25.27 1.16 0.00	19.13 0.79 0.00
BARRETT_IC_3 23706	17.63 0.92 0.00	17.75 1.01 0.00	16.11 0.94 0.00	15.11 0.91 0.00	15.29 0.82 0.00	17.41 0.84 0.00	14.88 0.78 0.00	15.54 0.80 0.00	13.63 0.77 0.00	14.82 0.88 0.00	12.51 0.83 0.00	15.20 0.93 0.00	15.16 0.88 0.00	15.37 0.78 0.00	15.97 0.84 0.00	16.75 0.96 0.00	19.23 1.28 0.00	30.56 1.99 -0.01	32.91 2.06 0.00	32.51 2.00 0.00	30.63 1.53 0.00	23.68 1.21 0.00	25.27 1.16 0.00	19.13 0.79 0.00
BARRETT_IC_4 23707	17.63 0.92 0.00	17.75 1.01 0.00	16.11 0.94 0.00	15.11 0.91 0.00	15.29 0.82 0.00	17.41 0.84 0.00	14.88 0.78 0.00	15.54 0.80 0.00	13.63 0.77 0.00	14.82 0.88 0.00	12.51 0.83 0.00	15.20 0.93 0.00	15.16 0.88 0.00	15.37 0.78 0.00	15.97 0.84 0.00	16.75 0.96 0.00	19.23 1.28 0.00	30.56 1.99 -0.01	32.91 2.06 0.00	32.51 2.00 0.00	30.63 1.53 0.00	23.68 1.21 0.00	25.27 1.16 0.00	19.13 0.79 0.00

BARRETT_IC_5 23708	17.63 0.92 0.00	17.75 1.01 0.00	16.11 0.94 0.00	15.11 0.91 0.00	15.29 0.82 0.00	17.41 0.84 0.00	14.88 0.78 0.00	15.54 0.80 0.00	13.63 0.77 0.00	14.82 0.88 0.00	12.51 0.83 0.00	15.20 0.93 0.00	15.16 0.88 0.00	15.37 0.78 0.00	15.97 0.84 0.00	16.75 0.96 0.00	19.23 1.28 0.00	30.56 1.99 -0.01	32.91 2.06 0.00	32.51 2.00 0.00	30.63 1.53 0.00	23.68 1.21 0.00	25.27 1.16 0.00	19.13 0.79 0.00
BARRETT_IC_6 23709	17.63 0.92 0.00	17.75 1.01 0.00	16.11 0.94 0.00	15.11 0.91 0.00	15.29 0.82 0.00	17.41 0.84 0.00	14.88 0.78 0.00	15.54 0.80 0.00	13.63 0.77 0.00	14.82 0.88 0.00	12.51 0.83 0.00	15.20 0.93 0.00	15.16 0.88 0.00	15.37 0.78 0.00	15.97 0.84 0.00	16.75 0.96 0.00	19.23 1.28 0.00	30.56 1.99 -0.01	32.91 2.06 0.00	32.51 2.00 0.00	30.63 1.53 0.00	23.68 1.21 0.00	25.27 1.16 0.00	19.13 0.79 0.00
BARRETT_IC_7 23710	17.63 0.93 0.00	17.76 1.01 0.00	16.11 0.94 0.00	15.11 0.91 0.00	15.29 0.82 0.00	17.41 0.84 0.00	14.88 0.78 0.00	15.54 0.80 0.00	13.63 0.77 0.00	14.82 0.88 0.00	12.51 0.83 0.00	15.20 0.93 0.00	15.16 0.89 0.00	15.37 0.78 0.00	15.97 0.84 0.00	16.75 0.96 0.00	19.24 1.28 0.00	30.56 2.00 -0.01	32.91 2.06 0.00	32.51 2.00 0.00	30.63 1.53 0.00	23.68 1.21 0.00	25.28 1.17 0.00	19.13 0.78 0.00
BARRETT_IC_8 23711	17.63 0.92 0.00	17.75 1.01 0.00	16.11 0.94 0.00	15.11 0.91 0.00	15.29 0.82 0.00	17.41 0.84 0.00	14.88 0.78 0.00	15.54 0.80 0.00	13.63 0.77 0.00	14.82 0.88 0.00	12.51 0.83 0.00	15.20 0.93 0.00	15.16 0.88 0.00	15.37 0.78 0.00	15.97 0.84 0.00	16.75 0.96 0.00	19.23 1.28 0.00	30.56 1.99 -0.01	32.91 2.06 0.00	32.51 2.00 0.00	30.63 1.53 0.00	23.68 1.21 0.00	25.27 1.16 0.00	19.13 0.79 0.00
BARRETT_IC_9 23700	17.63 0.92 0.00	17.75 1.01 0.00	16.11 0.94 0.00	15.11 0.91 0.00	15.29 0.82 0.00	17.41 0.84 0.00	14.88 0.78 0.00	15.54 0.80 0.00	13.63 0.77 0.00	14.82 0.88 0.00	12.51 0.83 0.00	15.20 0.93 0.00	15.16 0.88 0.00	15.37 0.78 0.00	15.97 0.84 0.00	16.75 0.96 0.00	19.23 1.28 0.00	30.56 1.99 -0.01	32.91 2.06 0.00	32.51 2.00 0.00	30.63 1.53 0.00	23.68 1.21 0.00	25.27 1.16 0.00	19.13 0.79 0.00
BARRETT___1 23545	17.63 0.92 0.00	17.75 1.01 0.00	16.11 0.94 0.00	15.11 0.91 0.00	15.29 0.82 0.00	17.41 0.84 0.00	14.88 0.78 0.00	15.54 0.80 0.00	13.63 0.77 0.00	14.82 0.88 0.00	12.51 0.83 0.00	15.20 0.93 0.00	15.16 0.88 0.00	15.37 0.78 0.00	15.97 0.84 0.00	16.75 0.96 0.00	19.23 1.28 0.00	30.56 1.99 -0.01	32.91 2.06 0.00	32.51 2.00 0.00	30.63 1.53 0.00	23.68 1.21 0.00	25.27 1.16 0.00	19.13 0.79 0.00
BARRETT___2 23546	17.63 0.92 0.00	17.75 1.01 0.00	16.11 0.94 0.00	15.11 0.91 0.00	15.29 0.82 0.00	17.41 0.84 0.00	14.88 0.78 0.00	15.54 0.80 0.00	13.63 0.77 0.00	14.82 0.88 0.00	12.51 0.83 0.00	15.20 0.93 0.00	15.16 0.88 0.00	15.37 0.78 0.00	15.97 0.84 0.00	16.75 0.96 0.00	19.23 1.28 0.00	30.56 1.99 -0.01	32.91 2.06 0.00	32.51 2.00 0.00	30.63 1.53 0.00	23.68 1.21 0.00	25.27 1.16 0.00	19.13 0.79 0.00
BATAVIA__115KV_TB1 55881	16.27 -0.44 0.00	16.17 -0.58 0.00	14.62 -0.55 0.00	13.70 -0.50 0.00	13.99 -0.48 0.00	16.08 -0.49 0.00	13.59 -0.51 0.00	14.37 -0.37 0.00	12.33 -0.53 0.00	13.56														

BAYONEEC___CTG7 323688	17.65 0.94 0.00	17.75 1.01 0.00	16.12 0.95 0.00	15.14 0.95 0.00	15.33 0.86 0.00	17.49 0.92 0.00	15.01 0.90 0.00	15.69 0.94 0.00	13.75 0.90 0.00	14.86 0.92 0.00	12.49 0.81 0.00	15.23 0.95 0.00	15.24 0.96 0.00	15.50 0.91 0.00	16.10 0.96 0.00	16.82 1.02 0.00	19.18 1.22 0.00	30.44 1.88 0.00	32.88 2.03 0.00	32.53 2.03 0.00	30.97 1.86 0.00	23.90 1.43 0.00	25.57 1.46 0.00	19.29 0.95 0.00
BAYONEEC___CTG8 323689	17.65 0.94 0.00	17.75 1.01 0.00	16.12 0.95 0.00	15.14 0.95 0.00	15.33 0.86 0.00	17.49 0.92 0.00	15.01 0.90 0.00	15.69 0.94 0.00	13.75 0.90 0.00	14.86 0.92 0.00	12.49 0.81 0.00	15.23 0.95 0.00	15.24 0.96 0.00	15.50 0.91 0.00	16.10 0.96 0.00	16.82 1.02 0.00	19.18 1.22 0.00	30.44 1.88 0.00	32.88 2.03 0.00	32.53 2.03 0.00	30.97 1.86 0.00	23.90 1.43 0.00	25.57 1.46 0.00	19.29 0.95 0.00
BAYONEEC___CTG9 323749	17.65 0.94 0.00	17.75 1.01 0.00	16.12 0.95 0.00	15.14 0.95 0.00	15.33 0.86 0.00	17.49 0.92 0.00	15.01 0.90 0.00	15.69 0.94 0.00	13.75 0.90 0.00	14.86 0.92 0.00	12.49 0.81 0.00	15.23 0.95 0.00	15.24 0.96 0.00	15.50 0.91 0.00	16.10 0.96 0.00	16.82 1.02 0.00	19.18 1.22 0.00	30.44 1.88 0.00	32.88 2.03 0.00	32.53 2.03 0.00	30.97 1.86 0.00	23.90 1.43 0.00	25.57 1.46 0.00	19.29 0.95 0.00
BEACON___LESR 323632	17.00 0.29 0.00	17.11 0.37 0.00	15.54 0.37 0.00	14.60 0.40 0.00	14.84 0.37 0.00	16.95 0.38 0.00	14.45 0.35 0.00	15.04 0.30 0.00	13.14 0.28 0.00	14.21 0.27 0.00	11.86 0.18 0.00	14.49 0.21 0.00	14.46 0.19 0.00	14.72 0.13 0.00	15.33 0.20 0.00	16.07 0.28 0.00	18.34 0.38 0.00	29.00 0.44 0.00	31.55 0.70 0.00	31.21 0.70 0.00	29.70 0.59 0.00	22.87 0.40 0.00	24.48 0.37 0.00	18.54 0.19 0.00
BEAVER RIVER___HYD 24048	16.23 -0.48 0.00	16.45 -0.29 0.00	14.71 -0.46 0.00	13.86 -0.34 0.00	14.15 -0.32 0.00	16.26 -0.31 0.00	13.85 -0.26 0.00	14.38 -0.36 0.00	12.51 -0.34 0.00	13.45 -0.48 0.00	11.15 -0.53 0.00	13.56 -0.71 0.00	13.53 -0.75 0.00	14.06 -0.53 0.00	14.65 -0.48 0.00	15.38 -0.42 0.00	17.53 -0.43 0.00	27.83 -0.73 0.00	30.02 -0.83 0.00	29.90 -0.60 0.00	28.74 -0.37 0.00	22.49 0.02 0.00	24.23 0.11 0.00	18.45 0.11 0.00
BEEBEE_GT_13 23619	16.24 -0.46 0.00	16.18 -0.56 0.00	14.64 -0.53 0.00	13.72 -0.48 0.00	13.99 -0.48 0.00	16.06 -0.51 0.00	13.60 -0.51 0.00	14.33 -0.42 0.00	12.36 -0.49 0.00	13.55 -0.38 0.00	11.48 -0.20 0.00	14.26 -0.01 0.00	14.31 0.03 0.00	14.63 0.04 0.00	15.17 0.04 0.00	15.82 0.03 0.00	17.82 -0.14 0.00	28.16 -0.40 0.00	30.40 -0.46 0.00	30.11 -0.40 0.00	28.80 -0.31 0.00	22.27 -0.20 0.00	24.09 -0.02 0.00	18.43 0.09 0.00
BENSHRST_27_KV_BENSHRST_1 355998	17.78 1.08 0.00	17.89 1.15 0.00	16.25 1.08 0.00	15.24 1.05 0.00	15.43 0.96 0.00	17.61 1.04 0.00	15.11 1.01 0.00	15.80 1.05 0.00	13.85 0.99 0.00	14.97 1.03 0.00	12.58 0.89 0.00	15.34 1.06 0.00	15.36 1.08 0.00	15.62 1.02 0.00	16.22 1.09 0.00	16.95 1.16 0.00	19.34 1.38 0.00	30.65 2.09 0.00	33.12 2.27 0.00	32.81 2.31 0.00	31.26 2.16 0.00	24.12 1.65 0.00	25.81 1.69 0.00	19.47 1.13 0.00
BETHLEHEM___GRP 23843	16.71 0.00 0.00	16.86 0.12 0.00	15.34 0.17 0.00	14.41 0.21 0.00	14.64 0.17 0.00	16.69 0.11 0.00	14.24 0.14 0.00	14.81 0.07 0.00	12.96 0.10 0.00	14.00 0.06 0.00	11.70 0.02 0.00	14.29 0.01 0.00	14.28 0.00 0.00	14.57 -0.02 0.00	15.12 -0.01 0.00	15.79 0.00 0.00	17.99 0.03 0.00	28.60 0.04 0.00	30.94 0.08 0.00	30.60 0.09 0.00	29.16 0.05 0.00	22.48 0.01 0.00	24.07 -0.05 0.00	18.25 -0.10 0.00
BETHLEHEM___GS1 323560	16.71 0.00 0.00	16.86 0.12 0.00	15.34 0.17 0.00	14.41 0.21 0.00	14.64 0.17 0.00	16.69 0.11 0.00	14.24 0.14 0.00	14.81 0.07 0.00	12.96 0.10 0.00	14.00 0.06 0.00	11.70 0.02 0.00	14.29 0.01 0.00	14.29 0.00 0.00	14.58 -0.01 0.00	15.12 -0.01 0.00	15.79 0.00 0.00	17.99 0.03 0.00	28.60 0.04 0.00	30.94 0.08 0.00	30.60 0.09 0.00	29.16 0.05 0.00	22.48 0.01 0.00	24.07 -0.05 0.00	18.25 -0.10 0.00
BETHLEHEM___GS2 323561	16.71 0.00 0.00	16.86 0.12 0.00	15.34 0.17 0.00	14.41 0.21 0.00	14.64 0.17 0.00	16.69 0.11 0.00	14.24 0.14 0.00	14.81 0.07 0.00	12.96 0.10 0.00	14.00 0.06 0.00	11.70 0.02 0.00	14.29 0.01 0.00	14.29 0.00 0.00	14.58 -0.01 0.00	15.12 -0.01 0.00	15.79 0.00 0.00	17.99 0.03 0.00	28.60 0.04 0.00	30.94 0.08 0.00	30.60 0.09 0.00	29.16 0.05 0.00	22.48 0.01 0.00	24.07 -0.05 0.00	18.25 -0.10 0.00
BETHLEHEM___GS3 323562	16.71 0.00 0.00	16.86 0.12 0.00	15.34 0.17 0.00	14.41 0.21 0.00	14.64 0.17 0.00	16.69 0.11 0.00	14.24 0.14 0.00	14.81 0.07 0.00	12.96 0.10 0.00	14.00 0.06 0.00	11.70 0.02 0.00	14.29 0.01 0.00	14.29 0.00 0.00	14.58 -0.01 0.00	15.12 -0.01 0.00	15.79 0.00 0.00	17.99 0.03 0.00	28.60 0.04 0.00	30.94 0.08 0.00	30.60 0.09 0.00	29.16 0.05 0.00	22.48 0.01 0.00	24.07 -0.05 0.00	18.25 -0.10 0.00
BETHLEHEM___STEEL 23779	16.08 -0.63 0.00	15.99 -0.75 0.00	14.45 -0.72 0.00	13.55 -0.65 0.00	13.83 -0.64 0.00	15.91 -0.66 0.00	13.46 -0.65 0.00	14.25 -0.49 0.00	12.26 -0.59 0.00	13.49 -0.45 0.00	11.48 -0.20 0.00	14.37 0.09 0.00	14.39 0.11 0.00	14.73 0.13 0.00	15.26 0.13 0.00	15.92 0.13 0.00	17.86 -0.10 0.00	28.16 -0.40 0.00	30.35 -0.50 0.00	30.10 -0.41 0.00	28.84 -0.26 0.00	22.37 -0.10 0.00	24.42 0.31 0.00	18.75 0.41 0.00
BETHLHEM_115KV_TB1 79974	16.77 0.07 0.00	16.91 0.17 0.00	15.38 0.20 0.00	14.44 0.24 0.00	14.67 0.20 0.00	16.73 0.16 0.00	14.27 0.17 0.00	14.86 0.11 0.00	12.99 0.14 0.00	14.04 0.10 0.00	11.74 0.05 0.00	14.33 0.06 0.00	14.33 0.05 0.00	14.62 0.03 0.00	15.17 0.04 0.00	15.85 0.05 0.00	18.05 0.09 0.00	28.70 0.13 0.00	31.04 0.19 0.00	30.70 0.20 0.00	29.26 0.15 0.00	22.56 0.09 0.00	24.15 0.04 0.00	18.32 -0.03 0.00
BETHPAGE_CC_5 323564	17.78 1.07 0.00	17.92 1.17 0.00	16.25 1.08 0.00	15.20 1.00 0.00	15.40 0.93 0.00	17.53 0.96 0.00	15.01 0.91 0.00	15.71 0.97 0.00	13.75 0.89 0.00	14.94 1.00 0.00	12.61 0.93 0.00	15.31 1.03 0.00	15.24 0.96 0.00	15.45 0.86 0.00	16.05 0.92 0.00	16.83 1.04 0.00	19.34 1.38 0.00	30.75 2.19 0.00	33.16 2.31 0.00	32.83 2.33 0.00	30.93 1.83 0.00	23.93 1.47 0.00	25.51 1.40 0.00	19.27 0.93 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	16.15 -0.55 0.00	16.07 -0.68 0.00	14.52 -0.65 0.00	13.61 -0.58 0.00	13.90 -0.57 0.00	15.99 -0.58 0.00	13.52 -0.58 0.00	14.32 -0.43 0.00	12.32 -0.53 0.00	13.55 -0.39 0.00	11.53 -0.15 0.00	14.44 0.16 0.00	14.46 0.19 0.00	14.79 0.20 0.00	15.34 0.20 0.00	15.99 0.20 0.00	17.95 -0.01 0.00	28.30 -0.26 0.00	30.50 -0.35 0.00	30.25 -0.25 0.00	28.99 -0.11 0.00	22.48 0.01 0.00	24.53 0.42 0.00	18.83 0.48 0.00

BINGHAMTON___COGEN 23790	16.74 0.03 0.00	16.78 0.04 0.00	15.21 0.03 0.00	14.25 0.05 0.00	14.51 0.03 0.00	16.63 0.05 0.00	14.12 0.02 0.00	14.79 0.05 0.00	12.86 0.01 0.00	13.95 0.02 0.00	11.75 0.08 0.00	14.49 0.21 0.00	14.53 0.25 0.00	14.83 0.24 0.00	15.40 0.27 0.00	16.06 0.27 0.00	18.25 0.29 0.00	28.87 0.31 0.00	31.10 0.25 0.00	30.76 0.26 0.00	29.35 0.25 0.00	22.65 0.18 0.00	24.46 0.35 0.00	18.55 0.20 0.00
BIXINCNT_115KV_LOAD 355685	16.08 -0.62 0.00	15.98 -0.76 0.00	14.46 -0.71 0.00	13.64 -0.56 0.00	13.92 -0.55 0.00	15.99 -0.59 0.00	13.54 -0.56 0.00	14.35 -0.40 0.00	12.40 -0.45 0.00	13.61 -0.33 0.00	11.65 -0.04 0.00	14.59 0.31 0.00	14.57 0.29 0.00	14.88 0.29 0.00	15.41 0.27 0.00	16.07 0.28 0.00	18.10 0.14 0.00	28.53 -0.04 0.00	30.71 -0.14 0.00	30.64 0.13 0.00	29.42 0.31 0.00	22.80 0.33 0.00	24.83 0.72 0.00	19.05 0.71 0.00
BLACK RIVER___HYD 24047	16.20 -0.51 0.00	16.42 -0.32 0.00	14.64 -0.53 0.00	13.84 -0.36 0.00	14.15 -0.32 0.00	16.29 -0.28 0.00	13.84 -0.26 0.00	14.36 -0.38 0.00	12.48 -0.37 0.00	13.33 -0.61 0.00	11.01 -0.67 0.00	13.41 -0.87 0.00	13.40 -0.88 0.00	14.03 -0.56 0.00	14.56 -0.57 0.00	15.32 -0.47 0.00	17.53 -0.43 0.00	27.83 -0.73 0.00	30.04 -0.81 0.00	29.87 -0.64 0.00	28.75 -0.36 0.00	22.54 0.07 0.00	24.30 0.19 0.00	18.50 0.15 0.00
BLACKRVR_115KV_TB2 79977	16.20 -0.51 0.00	16.42 -0.32 0.00	14.65 -0.53 0.00	13.84 -0.36 0.00	14.15 -0.32 0.00	16.29 -0.28 0.00	13.84 -0.26 0.00	14.36 -0.38 0.00	12.48 -0.37 0.00	13.33 -0.61 0.00	11.01 -0.67 0.00	13.40 -0.87 0.00	13.40 -0.88 0.00	14.03 -0.56 0.00	14.57 -0.57 0.00	15.32 -0.48 0.00	17.53 -0.43 0.00	27.83 -0.73 0.00	30.04 -0.81 0.00	29.87 -0.64 0.00	28.75 -0.36 0.00	22.54 0.07 0.00	24.30 0.19 0.00	18.50 0.15 0.00
BLISS_WT_PWR 323608	15.96 -0.75 0.00	15.86 -0.88 0.00	14.34 -0.83 0.00	13.56 -0.64 0.00	13.84 -0.63 0.00	15.89 -0.68 0.00	13.46 -0.64 0.00	14.28 -0.46 0.00	12.36 -0.50 0.00	13.55 -0.38 0.00	11.62 -0.06 0.00	14.56 0.28 0.00	14.53 0.25 0.00	14.84 0.25 0.00	15.35 0.22 0.00	16.02 0.23 0.00	18.06 0.10 0.00	28.46 -0.10 0.00	30.64 -0.21 0.00	30.63 0.13 0.00	29.44 0.34 0.00	22.82 0.35 0.00	24.84 0.73 0.00	19.06 0.71 0.00
BLUESTONE___WT_PWR 323821	16.75 0.04 0.00	16.81 0.07 0.00	15.50 0.33 0.00	14.55 0.35 0.00	14.92 0.45 0.00	17.11 0.54 0.00	14.58 0.48 0.00	15.36 0.61 0.00	13.34 0.49 0.00	14.47 0.53 0.00	12.14 0.46 0.00	14.96 0.68 0.00	14.99 0.71 0.00	15.38 0.79 0.00	15.96 0.83 0.00	16.68 0.88 0.00	19.06 1.11 0.00	29.84 1.28 0.00	32.11 1.26 0.00	31.87 1.37 0.00	30.32 1.22 0.00	23.23 0.76 0.00	24.99 0.88 0.00	18.98 0.63 0.00
BLUE_CIRC_CHEM_DRP 24182	16.98 0.27 0.00	17.09 0.34 0.00	15.53 0.36 0.00	14.57 0.37 0.00	14.82 0.35 0.00	16.92 0.35 0.00	14.39 0.29 0.00	14.99 0.24 0.00	13.09 0.23 0.00	14.09 0.15 0.00	11.76 0.07 0.00	14.35 0.08 0.00	14.34 0.06 0.00	14.66 0.07 0.00	15.27 0.14 0.00	15.99 0.20 0.00	18.24 0.28 0.00	29.00 0.44 0.00	31.39 0.54 0.00	31.05 0.54 0.00	29.59 0.48 0.00	22.80 0.33 0.00	24.42 0.31 0.00	18.53 0.19 0.00
BOC_GAS_DRP 24189	16.94 0.23 0.00	17.04 0.29 0.00	15.48 0.31 0.00	14.52 0.32 0.00	14.76 0.29 0.00	16.85 0.28 0.00	14.35 0.25 0.00	14.97 0.23 0.00	13.08 0.23 0.00	14.14 0.21 0.00	11.84 0.16 0.00	14.47 0.19 0.00	14.46 0.18 0.00	14.76 0.17 0.00	15.32 0.18 0.00	15.99 0.20 0.00	18.22 0.26 0.00	28.96 0.40 0.00	31.33 0.48 0.00	30.99 0.49 0.00	29.53 0.43 0.00	22.78 0.31 0.00	24.40 0.29 0.00	18.51 0.16 0.00
BOONVILLE_115KV_TB1 79983	16.67 -0.04 0.00	16.81 0.06 0.00	15.14 -0.03 0.00	14.22 0.03 0.00	14.50 0.02 0.00	16.62 0.04 0.00	14.14 0.04 0.00	14.75 0.01 0.00	12.84 -0.02 0.00	13.85 -0.08 0.00	11.54 -0.14 0.00	14.11 -0.17 0.00	14.11 -0.17 0.00	14.54 -0.05 0.00	15.17 0.04 0.00	15.89 0.10 0.00	18.09 0.13 0.00	28.70 0.14 0.00	30.97 0.11 0.00	30.74 0.23 0.00	29.42 0.31 0.00	22.84 0.37 0.00	24.54 0.43 0.00	18.64 0.30 0.00
BORALEX_4TH_BRANCH 23824	17.38 0.68 0.00	17.49 0.75 0.00	15.82 0.65 0.00	14.91 0.71 0.00	15.16 0.69 0.00	17.32 0.75 0.00	14.69 0.59 0.00	15.29 0.55 0.00	13.37 0.52 0.00	14.45 0.52 0.00	12.07 0.39 0.00	14.73 0.45 0.00	14.60 0.32 0.00	14.81 0.22 0.00	15.36 0.23 0.00	16.03 0.23 0.00	18.30 0.34 0.00	29.36 0.80 0.00	31.90 1.05 0.00	31.51 1.00 0.00	30.03 0.93 0.00	23.20 0.73 0.00	24.81 0.70 0.00	18.77 0.43 0.00
BOWLINE___1 23526	17.51 0.80 0.00	17.59 0.85 0.00	15.97 0.79 0.00	14.98 0.78 0.00	15.19 0.72 0.00	17.34 0.77 0.00	14.84 0.74 0.00	15.51 0.77 0.00	13.56 0.71 0.00	14.66 0.73 0.00	12.29 0.61 0.00	15.01 0.73 0.00	15.04 0.76 0.00	15.30 0.71 0.00	15.90 0.76 0.00	16.61 0.82 0.00	18.95 0.99 0.00	30.11 1.55 0.00	32.52 1.67 0.00	32.23 1.73 0.00	30.65 1.54 0.00	23.63 1.16 0.00	25.33 1.22 0.00	19.12 0.77 0.00
BOWLINE___2 23595	17.51 0.80 0.00	17.59 0.85 0.00	15.97 0.79 0.00	14.98 0.78 0.00	15.19 0.72 0.00	17.34 0.77 0.00	14.84 0.74 0.00	15.51 0.77 0.00	13.56 0.71 0.00	14.66 0.73 0.00	12.29 0.61 0.00	15.01 0.73 0.00	15.04 0.76 0.00	15.30 0.71 0.00	15.90 0.76 0.00	16.61 0.82 0.00	18.95 0.99 0.00	30.11 1.55 0.00	32.52 1.67 0.00	32.23 1.73 0.00	30.65 1.54 0.00	23.63 1.16 0.00	25.33 1.22 0.00	19.12 0.77 0.00
BRADY___115KV_TB2 356060	16.74 0.03 0.00	16.73 -0.01 0.00	15.11 -0.06 0.00	14.10 -0.10 0.00	14.40 -0.08 0.00	16.57 -0.01 0.00	14.12 0.02 0.00	14.75 0.01 0.00	12.82 -0.03 0.00	13.91 -0.03 0.00	11.61 -0.08 0.00	14.10 -0.18 0.00	14.10 -0.18 0.00	14.43 -0.16 0.00	14.84 -0.29 0.00	15.51 -0.28 0.00	17.72 -0.23 0.00	28.54 -0.02 0.00	30.84 -0.01 0.00	30.46 -0.04 0.00	29.13 0.02 0.00	22.47 0.00 0.00	24.07 -0.04 0.00	18.44 0.09 0.00
BRANSCOMB___SOLAR 323811	17.23 0.52 0.00	17.28 0.53 0.00	15.64 0.47 0.00	14.70 0.50 0.00	14.96 0.49 0.00	17.12 0.54 0.00	14.57 0.47 0.00	15.17 0.43 0.00	13.20 0.35 0.00	14.22 0.28 0.00	11.85 0.18 0.00	14.47 0.20 0.00	14.41 0.13 0.00	14.69 0.10 0.00	15.34 0.21 0.00	16.09 0.30 0.00	18.44 0.48 0.00	29.57 1.01 0.00	32.02 1.17 0.00	31.67 1.17 0.00	30.14 1.04 0.00	23.20 0.73 0.00	24.78 0.67 0.00	18.74 0.40 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	17.84 1.13 0.00	18.01 1.27 0.00	16.33 1.16 0.00	15.25 1.05 0.00	15.45 0.97 0.00	17.57 1.00 0.00	15.04 0.94 0.00	15.75 1.01 0.00	13.79 0.94 0.00	15.00 1.06 0.00	12.69 1.01 0.00	15.38 1.11 0.00	15.28 1.00 0.00	15.46 0.87 0.00	16.03 0.90 0.00	16.84 1.05 0.00	19.40 1.44 0.00	30.86 2.29 0.00	33.28 2.43 0.00	32.96 2.46 0.00	31.00 1.89 0.00	24.05 1.58 0.00	25.62 1.51 0.00	19.36 1.02 0.00

BRISTLHL_115KV_TB1 79998	16.33 -0.37 0.00	16.37 -0.37 0.00	14.82 -0.35 0.00	13.89 -0.31 0.00	14.15 -0.32 0.00	16.22 -0.35 0.00	13.78 -0.32 0.00	14.42 -0.32 0.00	12.55 -0.31 0.00	13.59 -0.34 0.00	11.42 -0.27 0.00	14.00 -0.28 0.00	14.05 -0.23 0.00	14.39 -0.20 0.00	14.93 -0.20 0.00	15.59 -0.20 0.00	17.67 -0.29 0.00	28.00 -0.56 0.00	30.22 -0.63 0.00	29.91 -0.59 0.00	28.56 -0.55 0.00	22.03 -0.43 0.00	23.68 -0.43 0.00	18.02 -0.33 0.00
BROOKHAVEN___DRP 24191	17.68 0.97 0.00	17.93 1.18 0.00	16.27 1.10 0.00	15.22 1.03 0.00	15.47 1.00 0.00	17.59 1.02 0.00	15.06 0.96 0.00	15.75 1.01 0.00	13.78 0.93 0.00	14.99 1.05 0.00	12.63 0.95 0.00	15.25 0.98 0.00	15.15 0.87 0.00	15.30 0.71 0.00	15.86 0.73 0.00	16.69 0.90 0.00	19.32 1.36 0.00	30.88 2.32 0.00	33.31 2.46 0.00	33.01 2.50 0.00	30.84 1.73 0.00	23.88 1.41 0.00	25.41 1.29 0.00	19.23 0.88 0.00
BROOKLYN_NAVY_YARD 23515	17.64 0.93 0.00	17.74 1.00 0.00	16.12 0.95 0.00	15.14 0.94 0.00	15.32 0.85 0.00	17.48 0.91 0.00	14.99 0.89 0.00	15.67 0.93 0.00	13.75 0.90 0.00	14.86 0.92 0.00	12.48 0.80 0.00	15.22 0.94 0.00	15.23 0.95 0.00	15.49 0.90 0.00	16.09 0.96 0.00	16.80 1.01 0.00	19.16 1.20 0.00	30.40 1.84 0.00	32.85 2.00 0.00	32.51 2.00 0.00	30.93 1.82 0.00	23.86 1.39 0.00	25.53 1.42 0.00	19.27 0.92 0.00
BROOKLYN___ARMY_DRP 323595	17.70 1.00 0.00	17.81 1.07 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.50 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.66 1.55 0.00	19.38 1.03 0.00
BROOKVLE_69_KV_TB1 55790	17.81 1.11 0.00	17.93 1.19 0.00	16.26 1.09 0.00	15.22 1.03 0.00	15.43 0.96 0.00	17.57 1.00 0.00	15.04 0.94 0.00	15.73 0.99 0.00	13.77 0.92 0.00	14.97 1.04 0.00	12.62 0.94 0.00	15.33 1.06 0.00	15.29 1.01 0.00	15.51 0.92 0.00	16.12 0.99 0.00	16.90 1.11 0.00	19.40 1.44 0.00	30.85 2.29 0.00	33.27 2.41 0.00	32.91 2.40 0.00	31.03 1.93 0.00	23.96 1.49 0.00	25.58 1.47 0.00	19.31 0.97 0.00
BROOME_2_LFGE 323671	16.74 0.03 0.00	16.78 0.04 0.00	15.21 0.03 0.00	14.25 0.05 0.00	14.51 0.03 0.00	16.63 0.05 0.00	14.12 0.02 0.00	14.79 0.05 0.00	12.86 0.01 0.00	13.95 0.02 0.00	11.75 0.08 0.00	14.49 0.21 0.00	14.52 0.25 0.00	14.83 0.24 0.00	15.40 0.27 0.00	16.06 0.27 0.00	18.25 0.29 0.00	28.87 0.31 0.00	31.11 0.25 0.00	30.76 0.26 0.00	29.35 0.25 0.00	22.65 0.18 0.00	24.47 0.35 0.00	18.55 0.21 0.00
BROOME___LFGE 323600	16.74 0.03 0.00	16.78 0.04 0.00	15.21 0.03 0.00	14.25 0.05 0.00	14.51 0.03 0.00	16.63 0.05 0.00	14.12 0.02 0.00	14.79 0.05 0.00	12.86 0.01 0.00	13.95 0.02 0.00	11.75 0.08 0.00	14.49 0.21 0.00	14.52 0.25 0.00	14.83 0.24 0.00	15.40 0.27 0.00	16.06 0.27 0.00	18.25 0.29 0.00	28.87 0.31 0.00	31.11 0.25 0.00	30.76 0.26 0.00	29.35 0.25 0.00	22.65 0.18 0.00	24.47 0.35 0.00	18.55 0.21 0.00
BROWNFLS_115KV_TB_3_5 80003	16.20 -0.51 0.00	16.33 -0.41 0.00	14.65 -0.52 0.00	13.75 -0.45 0.00	14.03 -0.44 0.00	16.15 -0.43 0.00	13.76 -0.34 0.00	14.32 -0.42 0.00	12.47 -0.39 0.00	13.45 -0.48 0.00	11.18 -0.50 0.00	13.59 -0.69 0.00	13.57 -0.71 0.00	14.02 -0.57 0.00	14.53 -0.60 0.00	15.22 -0.58 0.00	17.36 -0.60 0.00	27.71 -0.85 0.00	29.92 -0.93 0.00	29.69 -0.81 0.00	28.47 -0.63 0.00	22.15 -0.32 0.00	23.79 -0.32 0.00	18.17 -0.18 0.00
BROWNSV1_27_KV_LOAD 356125	17.80 1.09 0.00	17.90 1.16 0.00	16.25 1.08 0.00	15.25 1.06 0.00	15.45 0.98 0.00	17.61 1.04 0.00	15.12 1.01 0.00	15.80 1.06 0.00	13.85 1.00 0.00	14.98 1.05 0.00	12.59 0.91 0.00	15.36 1.08 0.00	15.37 1.10 0.00	15.64 1.05 0.00	16.24 1.11 0.00	16.96 1.17 0.00	19.35 1.39 0.00	30.70 2.14 0.00	33.17 2.32 0.00	32.82 2.31 0.00	31.27 2.16 0.00	24.13 1.66 0.00	25.81 1.70 0.00	19.47 1.12 0.00
BURROWS___LYONSDAL 23803	16.53 -0.18 0.00	16.70 -0.05 0.00	15.01 -0.16 0.00	14.11 -0.09 0.00	14.39 -0.08 0.00	16.50 -0.07 0.00	14.05 -0.06 0.00	14.64 -0.11 0.00	12.74 -0.12 0.00	13.73 -0.20 0.00	11.42 -0.26 0.00	13.95 -0.33 0.00	13.93 -0.35 0.00	14.39 -0.20 0.00	15.02 -0.11 0.00	15.74 -0.05 0.00	17.92 -0.03 0.00	28.43 -0.13 0.00	30.67 -0.18 0.00	30.48 -0.02 0.00	29.21 0.11 0.00	22.74 0.27 0.00	24.46 0.34 0.00	18.59 0.25 0.00
CAITHNESS_CC_1 323624	17.70 1.00 0.00	17.93 1.19 0.00	16.27 1.10 0.00	15.22 1.02 0.00	15.45 0.98 0.00	17.57 1.00 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.77 0.92 0.00	14.98 1.04 0.00	12.63 0.95 0.00	15.27 1.00 0.00	15.18 0.90 0.00	15.33 0.74 0.00	15.89 0.76 0.00	16.71 0.92 0.00	19.33 1.37 0.00	30.85 2.29 0.00	33.28 2.43 0.00	32.97 2.46 0.00	30.84 1.74 0.00	23.89 1.42 0.00	25.42 1.31 0.00	19.24 0.89 0.00
CALPINE BETH_PAGE_GT4 24209	17.78 1.07 0.00	17.92 1.18 0.00	16.25 1.08 0.00	15.20 1.01 0.00	15.40 0.93 0.00	17.54 0.96 0.00	15.01 0.91 0.00	15.71 0.97 0.00	13.75 0.89 0.00	14.94 1.01 0.00	12.61 0.93 0.00	15.31 1.03 0.00	15.25 0.97 0.00	15.46 0.86 0.00	16.06 0.92 0.00	16.83 1.04 0.00	19.33 1.37 0.00	30.73 2.17 0.00	33.14 2.29 0.00	32.81 2.30 0.00	30.92 1.82 0.00	23.91 1.44 0.00	25.50 1.39 0.00	19.26 0.91 0.00
CALPINE_BETH_PAGE_GT_4 323586	17.78 1.07 0.00	17.92 1.17 0.00	16.25 1.08 0.00	15.21 1.01 0.00	15.40 0.93 0.00	17.54 0.96 0.00	15.02 0.91 0.00	15.71 0.97 0.00	13.75 0.89 0.00	14.94 1.01 0.00	12.61 0.93 0.00	15.31 1.03 0.00	15.25 0.97 0.00	15.46 0.86 0.00	16.06 0.92 0.00	16.83 1.04 0.00	19.33 1.37 0.00	30.73 2.17 0.00	33.14 2.29 0.00	32.81 2.30 0.00	30.92 1.82 0.00	23.91 1.44 0.00	25.50 1.38 0.00	19.26 0.91 0.00
CALPINE_BP_GT1 23823	17.78 1.07 0.00	17.92 1.17 0.00	16.25 1.08 0.00	15.21 1.01 0.00	15.40 0.93 0.00	17.54 0.96 0.00	15.02 0.91 0.00	15.71 0.97 0.00	13.75 0.89 0.00	14.94 1.01 0.00	12.61 0.93 0.00	15.31 1.03 0.00	15.25 0.97 0.00	15.46 0.86 0.00	16.06 0.92 0.00	16.83 1.04 0.00	19.33 1.37 0.00	30.73 2.17 0.00	33.14 2.29 0.00	32.81 2.30 0.00	30.92 1.82 0.00	23.91 1.44 0.00	25.50 1.38 0.00	19.26 0.91 0.00
CALSPAN___DRP 24200	16.08 -0.63 0.00	15.99 -0.75 0.00	14.45 -0.72 0.00	13.55 -0.65 0.00	13.83 -0.64 0.00	15.91 -0.66 0.00	13.46 -0.65 0.00	14.25 -0.49 0.00	12.26 -0.59 0.00	13.49 -0.45 0.00	11.48 -0.20 0.00	14.37 0.09 0.00	14.39 0.11 0.00	14.73 0.13 0.00	15.26 0.13 0.00	15.92 0.13 0.00	17.86 -0.10 0.00	28.16 -0.40 0.00	30.35 -0.50 0.00	30.10 -0.41 0.00	28.84 -0.26 0.00	22.37 -0.10 0.00	24.42 0.31 0.00	18.75 0.41 0.00

CALVERTON___SOLAR 323806	17.67 0.97 0.00	17.92 1.18 0.00	16.28 1.10 0.00	15.24 1.04 0.00	15.49 1.01 0.00	17.61 1.04 0.00	15.08 0.98 0.00	15.77 1.03 0.00	13.80 0.94 0.00	15.00 1.07 0.00	12.63 0.95 0.00	15.24 0.96 0.00	15.14 0.86 0.00	15.28 0.69 0.00	15.83 0.70 0.00	16.67 0.88 0.00	19.32 1.36 0.00	30.92 2.35 0.00	33.35 2.50 0.00	33.06 2.56 0.00	30.85 1.75 0.00	23.87 1.40 0.00	25.39 1.28 0.00	19.22 0.87 0.00
CANDIGU_WT_PWR 323617	15.89 -0.81 0.00	15.89 -0.85 0.00	14.35 -0.82 0.00	13.47 -0.73 0.00	13.72 -0.75 0.00	15.76 -0.81 0.00	13.39 -0.71 0.00	14.14 -0.60 0.00	12.29 -0.56 0.00	13.47 -0.46 0.00	11.42 -0.26 0.00	14.22 -0.05 0.00	14.29 0.01 0.00	14.62 0.03 0.00	15.12 -0.01 0.00	15.82 0.03 0.00	17.93 -0.03 0.00	28.29 -0.28 0.00	30.40 -0.45 0.00	30.14 -0.36 0.00	28.91 -0.19 0.00	22.30 -0.17 0.00	24.26 0.14 0.00	18.57 0.23 0.00
CARR STREET_E_SYR 24060	16.51 -0.19 0.00	16.54 -0.20 0.00	14.98 -0.19 0.00	14.04 -0.16 0.00	14.30 -0.17 0.00	16.38 -0.19 0.00	13.92 -0.18 0.00	14.57 -0.17 0.00	12.67 -0.18 0.00	13.75 -0.18 0.00	11.56 -0.12 0.00	14.21 -0.07 0.00	14.24 -0.04 0.00	14.57 -0.02 0.00	15.12 -0.01 0.00	15.78 -0.01 0.00	17.90 -0.06 0.00	28.35 -0.21 0.00	30.60 -0.25 0.00	30.27 -0.23 0.00	28.90 -0.20 0.00	22.30 -0.17 0.00	23.98 -0.13 0.00	18.25 -0.10 0.00
CARTHAGE___PAPER 23857	16.32 -0.39 0.00	16.53 -0.21 0.00	14.78 -0.40 0.00	13.93 -0.27 0.00	14.24 -0.23 0.00	16.38 -0.19 0.00	13.93 -0.17 0.00	14.46 -0.28 0.00	12.57 -0.28 0.00	13.47 -0.46 0.00	11.18 -0.50 0.00	13.55 -0.73 0.00	13.53 -0.75 0.00	14.13 -0.46 0.00	14.69 -0.44 0.00	15.44 -0.35 0.00	17.64 -0.31 0.00	28.03 -0.53 0.00	30.25 -0.60 0.00	30.10 -0.41 0.00	28.93 -0.17 0.00	22.66 0.19 0.00	24.40 0.29 0.00	18.58 0.24 0.00
CASSADAGA_WT_PWR 323784	15.77 -0.93 0.00	15.70 -1.04 0.00	14.17 -1.01 0.00	13.27 -0.93 0.00	13.54 -0.93 0.00	15.60 -0.97 0.00	13.35 -0.74 0.00	14.10 -0.65 0.00	12.21 -0.65 0.00	13.46 -0.48 0.00	11.52 -0.16 0.00	14.46 0.18 0.00	14.54 0.26 0.00	14.76 0.17 0.00	15.39 0.26 0.00	16.05 0.26 0.00	18.07 0.11 0.00	28.39 -0.18 0.00	30.61 -0.24 0.00	30.61 0.10 0.00	29.48 0.37 0.00	22.96 0.49 0.00	25.17 1.06 0.00	19.21 0.87 0.00
CE_DUNWOOD___DRP 24194	17.58 0.87 0.00	17.68 0.93 0.00	16.04 0.87 0.00	15.06 0.86 0.00	15.26 0.79 0.00	17.41 0.84 0.00	14.92 0.81 0.00	15.58 0.84 0.00	13.65 0.79 0.00	14.77 0.83 0.00	12.40 0.72 0.00	15.12 0.84 0.00	15.12 0.85 0.00	15.38 0.78 0.00	15.97 0.84 0.00	16.69 0.89 0.00	19.04 1.09 0.00	30.26 1.70 0.00	32.70 1.85 0.00	32.38 1.88 0.00	30.82 1.71 0.00	23.78 1.31 0.00	25.44 1.33 0.00	19.20 0.85 0.00
CE_MILLWOOD___DRP 24193	17.55 0.84 0.00	17.64 0.90 0.00	16.01 0.84 0.00	15.03 0.83 0.00	15.23 0.76 0.00	17.38 0.81 0.00	14.89 0.78 0.00	15.55 0.81 0.00	13.62 0.76 0.00	14.73 0.80 0.00	12.36 0.68 0.00	15.08 0.81 0.00	15.09 0.81 0.00	15.35 0.75 0.00	15.93 0.80 0.00	16.65 0.86 0.00	19.00 1.05 0.00	30.20 1.63 0.00	32.64 1.79 0.00	32.32 1.82 0.00	30.76 1.65 0.00	23.72 1.25 0.00	25.40 1.28 0.00	19.16 0.82 0.00
CE_NYC2_DRP 24202	17.67 0.96 0.00	17.77 1.03 0.00	16.15 0.98 0.00	15.16 0.97 0.00	15.35 0.88 0.00	17.51 0.94 0.00	15.03 0.93 0.00	15.71 0.96 0.00	13.77 0.92 0.00	14.88 0.95 0.00	12.51 0.83 0.00	15.24 0.97 0.00	15.26 0.98 0.00	15.51 0.93 0.00	16.11 0.98 0.00	16.82 1.03 0.00	19.19 1.23 0.00	30.43 1.87 0.00	32.88 2.03 0.00	32.55 2.05 0.00	31.01 1.90 0.00	23.93 1.46 0.00	25.59 1.48 0.00	19.32 0.97 0.00
CE_NYC_DRP 24195	17.68 0.97 0.00	17.78 1.04 0.00	16.15 0.98 0.00	15.16 0.96 0.00	15.36 0.89 0.00	17.52 0.94 0.00	15.02 0.92 0.00	15.71 0.96 0.00	13.78 0.92 0.00	14.88 0.95 0.00	12.51 0.83 0.00	15.26 0.98 0.00	15.27 0.99 0.00	15.53 0.94 0.00	16.13 0.99 0.00	16.85 1.06 0.00	19.22 1.26 0.00	30.50 1.94 0.00	32.95 2.10 0.00	32.59 2.09 0.00	31.03 1.92 0.00	23.95 1.48 0.00	25.61 1.50 0.00	19.32 0.98 0.00
CHAFFEE___LFGE 323603	16.24 -0.47 0.00	16.16 -0.59 0.00	14.58 -0.59 0.00	13.67 -0.53 0.00	13.95 -0.52 0.00	16.05 -0.52 0.00	13.57 -0.53 0.00	14.38 -0.37 0.00	12.38 -0.48 0.00	13.62 -0.32 0.00	11.58 -0.09 0.00	14.49 0.21 0.00	14.53 0.25 0.00	14.85 0.26 0.00	15.40 0.27 0.00	16.07 0.27 0.00	18.03 0.08 0.00	28.45 -0.11 0.00	30.66 -0.19 0.00	30.40 -0.10 0.00	29.12 0.01 0.00	22.58 0.11 0.00	24.62 0.51 0.00	18.87 0.52 0.00
CHATEAUG_35_KV_LOAD 355732	16.97 0.26 0.00	16.99 0.25 0.00	15.27 0.10 0.00	14.16 -0.04 0.00	14.24 -0.23 0.00	16.66 0.08 0.00	14.36 0.26 0.00	14.84 0.10 0.00	12.93 0.08 0.00	14.12 0.18 0.00	11.78 0.10 0.00	14.24 -0.04 0.00	14.33 0.06 0.00	14.81 0.21 0.00	15.10 -0.03 0.00	15.62 -0.18 0.00	17.89 -0.07 0.00	29.02 0.46 0.00	31.59 0.74 0.00	31.19 0.69 0.00	29.61 0.50 0.00	22.66 0.19 0.00	24.10 -0.01 0.00	18.61 0.27 0.00
CHATEAUG_WT_PWR 323614	16.97 0.26 0.00	17.01 0.26 0.00	15.27 0.09 0.00	14.14 -0.05 0.00	14.21 -0.27 0.00	16.64 0.07 0.00	14.39 0.29 0.00	14.86 0.11 0.00	12.95 0.09 0.00	14.14 0.20 0.00	11.79 0.11 0.00	14.24 -0.03 0.00	14.34 0.06 0.00	14.85 0.26 0.00	15.15 0.02 0.00	15.63 -0.16 0.00	17.91 -0.05 0.00	29.12 0.56 0.00	31.70 0.85 0.00	31.31 0.80 0.00	29.65 0.55 0.00	22.68 0.21 0.00	24.06 -0.05 0.00	18.61 0.27 0.00
CHAT_HIGH_FALL_HYD 323578	16.97 0.26 0.00	16.99 0.25 0.00	15.27 0.10 0.00	14.16 -0.04 0.00	14.24 -0.23 0.00	16.66 0.08 0.00	14.36 0.26 0.00	14.84 0.10 0.00	12.93 0.08 0.00	14.12 0.18 0.00	11.78 0.10 0.00	14.24 -0.04 0.00	14.33 0.06 0.00	14.81 0.21 0.00	15.10 -0.03 0.00	15.62 -0.18 0.00	17.89 -0.07 0.00	29.02 0.46 0.00	31.59 0.74 0.00	31.19 0.69 0.00	29.61 0.50 0.00	22.66 0.19 0.00	24.10 -0.01 0.00	18.61 0.27 0.00
CHAUTAUQUA___LFGE 323629	16.00 -0.71 0.00	15.94 -0.80 0.00	14.38 -0.79 0.00	13.47 -0.73 0.00	13.75 -0.72 0.00	15.83 -0.75 0.00	13.46 -0.64 0.00	14.23 -0.52 0.00	12.29 -0.57 0.00	13.49 -0.45 0.00	11.53 -0.15 0.00	14.46 0.18 0.00	14.52 0.24 0.00	14.78 0.18 0.00	15.39 0.26 0.00	16.05 0.26 0.00	18.07 0.11 0.00	28.40 -0.16 0.00	30.58 -0.27 0.00	30.37 -0.13 0.00	29.19 0.08 0.00	22.69 0.22 0.00	24.85 0.74 0.00	18.96 0.62 0.00
CHERRYST_13_KV_LD 356241	17.72 1.01 0.00	17.83 1.08 0.00	16.19 1.01 0.00	15.20 1.00 0.00	15.39 0.92 0.00	17.56 0.99 0.00	15.06 0.96 0.00	15.75 1.01 0.00	13.81 0.96 0.00	14.93 0.99 0.00	12.54 0.86 0.00	15.30 1.02 0.00	15.31 1.03 0.00	15.57 0.98 0.00	16.17 1.04 0.00	16.90 1.10 0.00	19.28 1.32 0.00	30.58 2.02 0.00	33.04 2.19 0.00	32.68 2.18 0.00	31.12 2.01 0.00	24.01 1.54 0.00	25.68 1.57 0.00	19.38 1.03 0.00

CHESTROR_138KV_BK263 355645	17.45 0.75 0.00	17.53 0.79 0.00	15.91 0.73 0.00	14.92 0.72 0.00	15.14 0.66 0.00	17.29 0.72 0.00	14.78 0.68 0.00	15.45 0.71 0.00	13.50 0.64 0.00	14.59 0.65 0.00	12.22 0.54 0.00	14.94 0.66 0.00	14.95 0.67 0.00	15.22 0.63 0.00	15.81 0.68 0.00	16.52 0.73 0.00	18.85 0.90 0.00	29.98 1.42 0.00	32.40 1.55 0.00	32.11 1.60 0.00	30.55 1.44 0.00	23.55 1.08 0.00	25.23 1.12 0.00	19.06 0.71 0.00
CH_MIDHUDSON___DRP 24192	17.76 1.05 0.00	17.83 1.09 0.00	16.17 1.00 0.00	15.17 0.98 0.00	15.40 0.92 0.00	17.59 1.02 0.00	15.05 0.94 0.00	15.72 0.98 0.00	13.75 0.89 0.00	14.85 0.92 0.00	12.43 0.76 0.00	15.18 0.90 0.00	15.18 0.90 0.00	15.44 0.85 0.00	16.08 0.95 0.00	16.85 1.06 0.00	19.26 1.30 0.00	30.66 2.10 0.00	33.15 2.29 0.00	32.85 2.34 0.00	31.25 2.14 0.00	24.06 1.59 0.00	25.74 1.63 0.00	19.41 1.06 0.00
CH_MISC_IPPS 23765	17.74 1.04 0.00	17.81 1.07 0.00	16.16 0.99 0.00	15.16 0.96 0.00	15.38 0.91 0.00	17.57 1.00 0.00	15.03 0.93 0.00	15.71 0.97 0.00	13.73 0.88 0.00	14.84 0.90 0.00	12.43 0.74 0.00	15.18 0.90 0.00	15.18 0.90 0.00	15.44 0.85 0.00	16.08 0.95 0.00	16.84 1.05 0.00	19.24 1.28 0.00	30.61 2.05 0.00	33.08 2.23 0.00	32.79 2.28 0.00	31.19 2.08 0.00	24.01 1.55 0.00	25.71 1.60 0.00	19.39 1.04 0.00
CH_RES_BVR_FALLS 23983	16.35 -0.36 0.00	16.37 -0.37 0.00	14.89 -0.28 0.00	13.85 -0.34 0.00	14.13 -0.34 0.00	16.20 -0.37 0.00	13.80 -0.30 0.00	14.45 -0.29 0.00	12.66 -0.20 0.00	13.79 -0.15 0.00	11.51 -0.17 0.00	14.00 -0.27 0.00	13.96 -0.32 0.00	14.31 -0.28 0.00	14.86 -0.27 0.00	15.50 -0.29 0.00	17.61 -0.35 0.00	28.07 -0.50 0.00	30.28 -0.57 0.00	29.99 -0.51 0.00	28.73 -0.38 0.00	22.23 -0.24 0.00	23.91 -0.21 0.00	18.28 -0.06 0.00
CH_RES_NIAGARA 23895	15.62 -1.09 0.00	15.51 -1.23 0.00	14.04 -1.13 0.00	13.17 -1.03 0.00	13.44 -1.03 0.00	15.45 -1.13 0.00	13.02 -1.08 0.00	13.82 -0.92 0.00	11.85 -1.01 0.00	13.05 -0.88 0.00	11.11 -0.57 0.00	13.91 -0.37 0.00	13.91 -0.37 0.00	14.26 -0.34 0.00	14.76 -0.37 0.00	15.40 -0.39 0.00	17.21 -0.74 0.00	27.14 -1.43 0.00	29.26 -1.59 0.00	28.98 -1.52 0.00	27.77 -1.34 0.00	21.56 -0.91 0.00	23.55 -0.56 0.00	18.16 -0.18 0.00
CH_RES_SYRACUSE 23985	16.55 -0.16 0.00	16.58 -0.16 0.00	15.02 -0.15 0.00	14.07 -0.13 0.00	14.34 -0.14 0.00	16.42 -0.16 0.00	13.96 -0.15 0.00	14.61 -0.13 0.00	12.71 -0.14 0.00	13.79 -0.14 0.00	11.59 -0.09 0.00	14.24 -0.04 0.00	14.28 0.00 0.00	14.60 0.01 0.00	15.16 0.03 0.00	15.81 0.02 0.00	17.94 -0.01 0.00	28.41 -0.15 0.00	30.64 -0.21 0.00	30.34 -0.16 0.00	28.97 -0.14 0.00	22.36 -0.11 0.00	24.01 -0.10 0.00	18.28 -0.06 0.00
CLINTON_WT_PWR 323605	16.97 0.26 0.00	17.01 0.26 0.00	15.27 0.09 0.00	14.14 -0.05 0.00	14.21 -0.27 0.00	16.64 0.07 0.00	14.39 0.29 0.00	14.86 0.11 0.00	12.95 0.09 0.00	14.14 0.20 0.00	11.79 0.11 0.00	14.24 -0.03 0.00	14.34 0.06 0.00	14.85 0.26 0.00	15.15 0.02 0.00	15.63 -0.16 0.00	17.91 -0.05 0.00	29.12 0.56 0.00	31.70 0.85 0.00	31.31 0.80 0.00	29.65 0.55 0.00	22.68 0.21 0.00	24.06 -0.05 0.00	18.61 0.27 0.00
CLINTON___LFGE 323618	17.25 0.55 0.00	17.28 0.54 0.00	15.50 0.33 0.00	14.34 0.15 0.00	14.38 -0.09 0.00	16.87 0.30 0.00	14.66 0.56 0.00	15.11 0.37 0.00	13.19 0.34 0.00	14.40 0.46 0.00	12.00 0.32 0.00	14.48 0.20 0.00	14.59 0.31 0.00	15.15 0.56 0.00	15.43 0.30 0.00	15.85 0.06 0.00	18.19 0.23 0.00	29.80 1.23 0.00	32.47 1.62 0.00	32.08 1.58 0.00	30.33 1.23 0.00	23.12 0.65 0.00	24.44 0.32 0.00	18.90 0.55 0.00
COBBLENY_34_KV_TB1 80064	16.23 -0.47 0.00	16.14 -0.60 0.00	14.59 -0.58 0.00	13.67 -0.53 0.00	13.95 -0.52 0.00	16.05 -0.52 0.00	13.57 -0.53 0.00	14.38 -0.37 0.00	12.38 -0.48 0.00	13.61 -0.32 0.00	11.58 -0.10 0.00	14.49 0.21 0.00	14.52 0.25 0.00	14.85 0.26 0.00	15.41 0.27 0.00	16.07 0.27 0.00	18.03 0.08 0.00	28.45 -0.11 0.00	30.66 -0.19 0.00	30.40 -0.10 0.00	29.12 0.01 0.00	22.58 0.11 0.00	24.62 0.51 0.00	18.87 0.52 0.00
COFFEEN___115KV_TB3 355620	16.31 -0.40 0.00	16.52 -0.22 0.00	14.74 -0.43 0.00	13.92 -0.28 0.00	14.24 -0.23 0.00	16.39 -0.18 0.00	13.92 -0.18 0.00	14.44 -0.30 0.00	12.56 -0.30 0.00	13.38 -0.56 0.00	11.03 -0.65 0.00	13.42 -0.85 0.00	13.43 -0.85 0.00	14.12 -0.48 0.00	14.65 -0.48 0.00	15.41 -0.39 0.00	17.66 -0.30 0.00	28.08 -0.49 0.00	30.31 -0.54 0.00	30.13 -0.38 0.00	28.99 -0.12 0.00	22.70 0.23 0.00	24.45 0.34 0.00	18.60 0.25 0.00
COLDSPRG_115KV_BK1 355956	16.57 -0.14 0.00	16.48 -0.26 0.00	14.88 -0.29 0.00	13.94 -0.26 0.00	14.21 -0.26 0.00	16.37 -0.21 0.00	13.91 -0.19 0.00	14.67 -0.08 0.00	12.68 -0.17 0.00	13.92 -0.02 0.00	11.86 0.18 0.00	14.88 0.61 0.00	14.96 0.68 0.00	15.20 0.61 0.00	15.83 0.70 0.00	16.49 0.69 0.00	18.56 0.60 0.00	29.17 0.61 0.00	31.38 0.53 0.00	31.19 0.68 0.00	29.89 0.78 0.00	23.20 0.73 0.00	25.37 1.26 0.00	19.38 1.03 0.00
COLONIE_LFGE___ 323577	17.14 0.43 0.00	17.21 0.47 0.00	15.59 0.42 0.00	14.67 0.47 0.00	14.91 0.44 0.00	17.04 0.47 0.00	14.49 0.39 0.00	15.10 0.36 0.00	13.19 0.34 0.00	14.25 0.32 0.00	11.91 0.22 0.00	14.54 0.27 0.00	14.49 0.21 0.00	14.75 0.16 0.00	15.34 0.21 0.00	16.03 0.24 0.00	18.29 0.33 0.00	29.24 0.68 0.00	31.66 0.81 0.00	31.30 0.80 0.00	29.83 0.72 0.00	22.99 0.52 0.00	24.60 0.49 0.00	18.64 0.30 0.00
COOPERNY_115KV_TB1 80082	17.29 0.58 0.00	17.36 0.62 0.00	15.75 0.58 0.00	14.76 0.57 0.00	15.00 0.52 0.00	17.14 0.57 0.00	14.63 0.53 0.00	15.29 0.55 0.00	13.36 0.50 0.00	14.45 0.51 0.00	12.11 0.43 0.00	14.81 0.53 0.00	14.83 0.55 0.00	15.10 0.51 0.00	15.68 0.55 0.00	16.38 0.58 0.00	18.66 0.70 0.00	29.66 1.10 0.00	32.04 1.18 0.00	31.74 1.23 0.00	30.21 1.11 0.00	23.30 0.83 0.00	24.99 0.88 0.00	18.90 0.56 0.00
COPENHAGEN_WT_PWR 323753	16.03 -0.68 0.00	16.29 -0.45 0.00	14.49 -0.68 0.00	13.72 -0.48 0.00	14.04 -0.43 0.00	16.17 -0.40 0.00	13.73 -0.37 0.00	14.25 -0.50 0.00	12.38 -0.48 0.00	13.21 -0.72 0.00	10.92 -0.76 0.00	13.30 -0.98 0.00	13.27 -1.01 0.00	13.89 -0.70 0.00	14.41 -0.72 0.00	15.15 -0.64 0.00	17.33 -0.63 0.00	27.47 -1.09 0.00	29.64 -1.21 0.00	29.47 -1.03 0.00	28.40 -0.70 0.00	22.36 -0.11 0.00	24.16 0.05 0.00	18.40 0.05 0.00
CORNELL_____ 23752	16.84 0.14 0.00	16.87 0.13 0.00	15.29 0.11 0.00	14.32 0.13 0.00	14.59 0.12 0.00	16.72 0.15 0.00	14.22 0.11 0.00	14.91 0.16 0.00	12.96 0.10 0.00	14.03 0.10 0.00	11.80 0.12 0.00	14.53 0.25 0.00	14.58 0.31 0.00	14.94 0.35 0.00	15.50 0.37 0.00	16.17 0.38 0.00	18.43 0.47 0.00	29.18 0.62 0.00	31.44 0.58 0.00	31.13 0.62 0.00	29.72 0.62 0.00	22.92 0.45 0.00	24.70 0.59 0.00	18.76 0.42 0.00

CORONA V_69_KV_TB1 355595	17.77 1.06 0.00	17.88 1.14 0.00	16.22 1.05 0.00	15.20 1.00 0.00	15.39 0.92 0.00	17.53 0.96 0.00	15.00 0.90 0.00	15.68 0.94 0.00	13.73 0.88 0.00	14.92 0.99 0.00	12.58 0.90 0.00	15.29 1.02 0.00	15.25 0.97 0.00	15.48 0.88 0.00	16.08 0.95 0.00	16.86 1.07 0.00	19.35 1.39 0.00	30.76 2.19 0.00	33.17 2.31 0.00	32.80 2.29 0.00	30.93 1.82 0.00	23.89 1.42 0.00	25.49 1.38 0.00	19.28 0.93 0.00
CORTLAND_115KV_TB3 80093	16.89 0.19 0.00	16.93 0.19 0.00	15.32 0.15 0.00	14.36 0.16 0.00	14.62 0.15 0.00	16.77 0.20 0.00	14.26 0.15 0.00	14.89 0.15 0.00	12.94 0.09 0.00	14.06 0.12 0.00	11.76 0.08 0.00	14.48 0.21 0.00	14.50 0.22 0.00	14.90 0.31 0.00	15.50 0.37 0.00	16.21 0.41 0.00	18.44 0.48 0.00	29.21 0.65 0.00	31.54 0.69 0.00	31.22 0.72 0.00	29.83 0.73 0.00	23.00 0.53 0.00	24.69 0.58 0.00	18.75 0.40 0.00
COXSACKIE___GT 23611	17.43 0.73 0.00	17.54 0.80 0.00	15.93 0.76 0.00	14.97 0.77 0.00	15.23 0.75 0.00	17.39 0.82 0.00	14.80 0.70 0.00	15.40 0.66 0.00	13.46 0.60 0.00	14.31 0.38 0.00	11.83 0.15 0.00	14.40 0.13 0.00	14.36 0.09 0.00	14.72 0.13 0.00	15.29 0.16 0.00	16.39 0.60 0.00	18.82 0.86 0.00	30.08 1.52 0.00	32.62 1.77 0.00	32.23 1.73 0.00	30.68 1.58 0.00	23.54 1.07 0.00	25.13 1.01 0.00	19.00 0.65 0.00
CPV_VALLEY___CC1 323721	17.38 0.67 0.00	17.46 0.71 0.00	15.84 0.67 0.00	14.86 0.66 0.00	15.08 0.61 0.00	17.23 0.65 0.00	14.72 0.62 0.00	15.39 0.64 0.00	13.44 0.59 0.00	14.54 0.60 0.00	12.19 0.50 0.00	14.89 0.62 0.00	14.91 0.63 0.00	15.18 0.59 0.00	15.77 0.64 0.00	16.46 0.67 0.00	18.77 0.81 0.00	29.83 1.26 0.00	32.22 1.37 0.00	31.93 1.43 0.00	30.38 1.27 0.00	23.42 0.95 0.00	25.11 1.00 0.00	18.98 0.63 0.00
CPV_VALLEY___CC2 323722	17.38 0.67 0.00	17.46 0.71 0.00	15.84 0.67 0.00	14.86 0.66 0.00	15.08 0.61 0.00	17.23 0.65 0.00	14.72 0.62 0.00	15.39 0.64 0.00	13.44 0.59 0.00	14.54 0.60 0.00	12.19 0.50 0.00	14.89 0.62 0.00	14.91 0.63 0.00	15.18 0.59 0.00	15.77 0.64 0.00	16.46 0.67 0.00	18.77 0.81 0.00	29.83 1.26 0.00	32.22 1.37 0.00	31.93 1.43 0.00	30.38 1.27 0.00	23.42 0.95 0.00	25.11 1.00 0.00	18.98 0.63 0.00
CRESCENT___HYD 24018	17.14 0.43 0.00	17.21 0.47 0.00	15.59 0.42 0.00	14.67 0.47 0.00	14.91 0.44 0.00	17.04 0.47 0.00	14.49 0.39 0.00	15.10 0.36 0.00	13.19 0.34 0.00	14.25 0.32 0.00	11.91 0.22 0.00	14.54 0.27 0.00	14.49 0.21 0.00	14.75 0.16 0.00	15.34 0.21 0.00	16.03 0.24 0.00	18.29 0.33 0.00	29.24 0.68 0.00	31.66 0.81 0.00	31.30 0.80 0.00	29.83 0.72 0.00	22.99 0.52 0.00	24.60 0.49 0.00	18.64 0.30 0.00
CRICKET___VALLEY_CC1 323756	17.44 0.74 0.00	17.52 0.77 0.00	15.87 0.70 0.00	14.91 0.71 0.00	15.14 0.67 0.00	17.28 0.70 0.00	14.78 0.68 0.00	15.43 0.69 0.00	13.50 0.65 0.00	14.61 0.68 0.00	12.25 0.57 0.00	14.95 0.67 0.00	14.90 0.62 0.00	15.13 0.54 0.00	15.69 0.56 0.00	16.38 0.59 0.00	18.69 0.73 0.00	29.80 1.23 0.00	32.33 1.48 0.00	32.05 1.54 0.00	30.50 1.39 0.00	23.49 1.02 0.00	25.12 1.01 0.00	18.96 0.62 0.00
CRICKET___VALLEY_CC2 323757	17.44 0.74 0.00	17.52 0.77 0.00	15.87 0.70 0.00	14.91 0.71 0.00	15.14 0.67 0.00	17.28 0.70 0.00	14.78 0.68 0.00	15.43 0.69 0.00	13.50 0.65 0.00	14.61 0.68 0.00	12.25 0.57 0.00	14.95 0.67 0.00	14.90 0.62 0.00	15.13 0.54 0.00	15.69 0.56 0.00	16.38 0.59 0.00	18.69 0.73 0.00	29.80 1.23 0.00	32.33 1.48 0.00	32.05 1.54 0.00	30.50 1.39 0.00	23.49 1.02 0.00	25.12 1.01 0.00	18.96 0.62 0.00
CRICKET___VALLEY_CC3 323758	17.44 0.74 0.00	17.52 0.77 0.00	15.87 0.70 0.00	14.91 0.71 0.00	15.14 0.67 0.00	17.28 0.70 0.00	14.78 0.68 0.00	15.43 0.69 0.00	13.50 0.65 0.00	14.61 0.68 0.00	12.25 0.57 0.00	14.95 0.67 0.00	14.90 0.62 0.00	15.13 0.54 0.00	15.69 0.56 0.00	16.38 0.59 0.00	18.69 0.73 0.00	29.80 1.23 0.00	32.33 1.48 0.00	32.05 1.54 0.00	30.50 1.39 0.00	23.49 1.02 0.00	25.12 1.01 0.00	18.96 0.62 0.00
CRUCIBLE_METL_DRP 24180	16.55 -0.16 0.00	16.58 -0.16 0.00	15.02 -0.15 0.00	14.07 -0.12 0.00	14.34 -0.14 0.00	16.42 -0.16 0.00	13.95 -0.15 0.00	14.61 -0.13 0.00	12.71 -0.14 0.00	13.79 -0.14 0.00	11.59 -0.09 0.00	14.24 -0.04 0.00	14.28 0.00 0.00	14.60 0.01 0.00	15.16 0.03 0.00	15.81 0.02 0.00	17.94 -0.01 0.00	28.42 -0.15 0.00	30.64 -0.21 0.00	30.34 -0.16 0.00	28.97 -0.14 0.00	22.35 -0.11 0.00	24.01 -0.10 0.00	18.28 -0.06 0.00
DAHOWA___HYDRO 323763	17.23 0.53 0.00	17.28 0.53 0.00	15.64 0.46 0.00	14.69 0.50 0.00	14.95 0.48 0.00	17.12 0.55 0.00	14.57 0.47 0.00	15.18 0.44 0.00	13.21 0.36 0.00	14.23 0.29 0.00	11.85 0.17 0.00	14.47 0.19 0.00	14.39 0.11 0.00	14.67 0.08 0.00	15.33 0.20 0.00	16.09 0.30 0.00	18.45 0.49 0.00	29.63 1.07 0.00	32.08 1.23 0.00	31.74 1.23 0.00	30.20 1.09 0.00	23.23 0.76 0.00	24.80 0.69 0.00	18.73 0.38 0.00
DANC___LFGE 323619	16.15 -0.55 0.00	16.33 -0.42 0.00	14.62 -0.55 0.00	13.79 -0.41 0.00	14.09 -0.38 0.00	16.19 -0.38 0.00	13.74 -0.36 0.00	14.31 -0.44 0.00	12.44 -0.41 0.00	13.36 -0.58 0.00	11.10 -0.58 0.00	13.57 -0.70 0.00	13.59 -0.69 0.00	14.09 -0.50 0.00	14.62 -0.52 0.00	15.32 -0.47 0.00	17.46 -0.49 0.00	27.68 -0.88 0.00	29.88 -0.97 0.00	29.66 -0.85 0.00	28.49 -0.61 0.00	22.25 -0.22 0.00	23.98 -0.13 0.00	18.26 -0.09 0.00
DANSKAMMER___1 23586	17.74 1.04 0.00	17.81 1.07 0.00	16.16 0.99 0.00	15.16 0.96 0.00	15.38 0.91 0.00	17.57 1.00 0.00	15.03 0.93 0.00	15.71 0.97 0.00	13.73 0.88 0.00	14.84 0.90 0.00	12.43 0.74 0.00	15.18 0.90 0.00	15.18 0.90 0.00	15.44 0.85 0.00	16.08 0.95 0.00	16.84 1.05 0.00	19.24 1.28 0.00	30.61 2.05 0.00	33.08 2.23 0.00	32.79 2.28 0.00	31.19 2.08 0.00	24.01 1.55 0.00	25.71 1.60 0.00	19.39 1.04 0.00
DANSKAMMER___2 23589	17.74 1.04 0.00	17.81 1.07 0.00	16.16 0.99 0.00	15.16 0.96 0.00	15.38 0.91 0.00	17.57 1.00 0.00	15.03 0.93 0.00	15.71 0.97 0.00	13.73 0.88 0.00	14.84 0.90 0.00	12.43 0.74 0.00	15.18 0.90 0.00	15.18 0.90 0.00	15.44 0.85 0.00	16.08 0.95 0.00	16.84 1.05 0.00	19.24 1.28 0.00	30.61 2.05 0.00	33.08 2.23 0.00	32.79 2.28 0.00	31.19 2.08 0.00	24.01 1.55 0.00	25.71 1.60 0.00	19.39 1.04 0.00
DANSKAMMER___3 23590	17.74 1.04 0.00	17.81 1.07 0.00	16.16 0.99 0.00	15.16 0.96 0.00	15.38 0.91 0.00	17.57 1.00 0.00	15.03 0.93 0.00	15.71 0.97 0.00	13.73 0.88 0.00	14.84 0.90 0.00	12.43 0.74 0.00	15.18 0.90 0.00	15.18 0.90 0.00	15.44 0.85 0.00	16.08 0.95 0.00	16.84 1.05 0.00	19.24 1.28 0.00	30.61 2.05 0.00	33.08 2.23 0.00	32.79 2.28 0.00	31.19 2.08 0.00	24.01 1.55 0.00	25.71 1.60 0.00	19.39 1.04 0.00

DANSKAMMER___4 23591	17.74 1.04 0.00	17.81 1.07 0.00	16.16 0.99 0.00	15.16 0.96 0.00	15.38 0.91 0.00	17.57 1.00 0.00	15.03 0.93 0.00	15.71 0.97 0.00	13.73 0.88 0.00	14.84 0.90 0.00	12.43 0.74 0.00	15.18 0.90 0.00	15.18 0.90 0.00	15.44 0.85 0.00	16.08 0.95 0.00	16.84 1.05 0.00	19.24 1.28 0.00	30.61 2.05 0.00	33.08 2.23 0.00	32.79 2.28 0.00	31.19 2.08 0.00	24.01 1.55 0.00	25.71 1.60 0.00	19.39 1.04 0.00
DANSKAMMER___DIESEL 23592	17.74 1.04 0.00	17.81 1.07 0.00	16.16 0.98 0.00	15.16 0.96 0.00	15.38 0.91 0.00	17.57 1.00 0.00	15.03 0.93 0.00	15.71 0.97 0.00	13.73 0.88 0.00	14.84 0.90 0.00	12.43 0.75 0.00	15.18 0.90 0.00	15.18 0.90 0.00	15.44 0.85 0.00	16.08 0.95 0.00	16.84 1.05 0.00	19.24 1.28 0.00	30.61 2.05 0.00	33.09 2.23 0.00	32.79 2.28 0.00	31.19 2.08 0.00	24.02 1.55 0.00	25.71 1.60 0.00	19.39 1.04 0.00
DARBY___SOLAR 323810	17.23 0.52 0.00	17.28 0.53 0.00	15.64 0.47 0.00	14.70 0.50 0.00	14.96 0.48 0.00	17.12 0.54 0.00	14.57 0.47 0.00	15.18 0.43 0.00	13.21 0.36 0.00	14.23 0.29 0.00	11.85 0.18 0.00	14.47 0.19 0.00	14.41 0.13 0.00	14.69 0.10 0.00	15.34 0.21 0.00	16.09 0.30 0.00	18.45 0.49 0.00	29.60 1.03 0.00	32.03 1.18 0.00	31.69 1.18 0.00	30.16 1.06 0.00	23.21 0.74 0.00	24.79 0.68 0.00	18.74 0.39 0.00
DASHVILLE___HYD 23610	17.62 0.91 0.00	17.69 0.94 0.00	16.05 0.88 0.00	15.05 0.85 0.00	15.27 0.80 0.00	17.44 0.87 0.00	14.91 0.81 0.00	15.60 0.86 0.00	13.63 0.78 0.00	14.75 0.81 0.00	12.37 0.68 0.00	15.10 0.82 0.00	15.10 0.82 0.00	15.36 0.77 0.00	15.95 0.82 0.00	16.71 0.92 0.00	19.10 1.14 0.00	30.35 1.79 0.00	32.81 1.96 0.00	32.52 2.01 0.00	30.94 1.84 0.00	23.84 1.37 0.00	25.52 1.41 0.00	19.25 0.90 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	17.70 1.00 0.00	17.96 1.22 0.00	16.36 1.19 0.00	15.35 1.15 0.00	15.66 1.19 0.00	17.76 1.19 0.00	15.20 1.10 0.00	15.86 1.12 0.00	13.86 1.00 0.00	15.07 1.14 0.00	12.68 1.00 0.00	15.29 1.01 0.00	15.16 0.88 0.00	15.29 0.70 0.00	15.84 0.71 0.00	16.71 0.92 0.00	19.44 1.48 0.00	31.28 2.71 0.00	33.70 2.85 0.00	33.45 2.94 0.00	31.10 2.00 0.00	24.00 1.53 0.00	25.46 1.35 0.00	19.24 0.89 0.00
DELAWARE___LFGE 323621	17.17 0.46 0.00	17.22 0.47 0.00	15.64 0.46 0.00	14.66 0.46 0.00	14.91 0.44 0.00	17.07 0.50 0.00	14.51 0.40 0.00	15.18 0.44 0.00	13.24 0.39 0.00	14.33 0.40 0.00	12.03 0.35 0.00	14.75 0.47 0.00	14.77 0.49 0.00	15.08 0.49 0.00	15.65 0.52 0.00	16.34 0.54 0.00	18.60 0.64 0.00	29.52 0.96 0.00	31.86 1.00 0.00	31.54 1.03 0.00	30.06 0.95 0.00	23.17 0.70 0.00	24.87 0.76 0.00	18.86 0.52 0.00
DERFIELD_115KV_TB7 355931	16.72 0.02 0.00	16.78 0.03 0.00	15.22 0.05 0.00	14.25 0.06 0.00	14.51 0.04 0.00	16.61 0.03 0.00	14.13 0.03 0.00	14.76 0.01 0.00	12.88 0.02 0.00	13.95 0.01 0.00	11.68 0.00 0.00	14.29 0.01 0.00	14.29 0.01 0.00	14.60 0.00 0.00	15.17 0.04 0.00	15.83 0.04 0.00	18.01 0.05 0.00	28.63 0.07 0.00	30.92 0.06 0.00	30.60 0.09 0.00	29.19 0.08 0.00	22.53 0.06 0.00	24.17 0.05 0.00	18.35 0.01 0.00
DOGLEVILLE___HYD 23807	16.75 0.05 0.00	16.84 0.09 0.00	15.31 0.14 0.00	14.38 0.18 0.00	14.64 0.17 0.00	16.72 0.15 0.00	14.21 0.11 0.00	14.74 -0.01 0.00	12.78 -0.08 0.00	13.74 -0.19 0.00	11.45 -0.23 0.00	13.98 -0.29 0.00	13.93 -0.35 0.00	14.22 -0.37 0.00	15.02 -0.11 0.00	15.75 -0.04 0.00	18.04 0.08 0.00	28.79 0.23 0.00	31.12 0.26 0.00	30.78 0.27 0.00	29.32 0.21 0.00	22.58 0.11 0.00	24.10 -0.01 0.00	18.16 -0.19 0.00
DUNKIRK___115KV_TB_200 55889	16.03 -0.67 0.00	15.97 -0.77 0.00	14.41 -0.76 0.00	13.50 -0.69 0.00	13.78 -0.70 0.00	15.86 -0.72 0.00	13.49 -0.61 0.00	14.25 -0.49 0.00	12.31 -0.55 0.00	13.50 -0.43 0.00	11.53 -0.15 0.00	14.46 0.18 0.00	14.52 0.24 0.00	14.78 0.19 0.00	15.39 0.26 0.00	16.05 0.26 0.00	18.07 0.11 0.00	28.40 -0.16 0.00	30.57 -0.28 0.00	30.35 -0.16 0.00	29.15 0.05 0.00	22.65 0.18 0.00	24.81 0.70 0.00	18.93 0.58 0.00
DUNKIRK___1 23563	16.03 -0.67 0.00	15.97 -0.77 0.00	14.41 -0.76 0.00	13.50 -0.69 0.00	13.78 -0.70 0.00	15.86 -0.72 0.00	13.49 -0.61 0.00	14.25 -0.49 0.00	12.31 -0.55 0.00	13.50 -0.43 0.00	11.53 -0.15 0.00	14.46 0.18 0.00	14.52 0.24 0.00	14.78 0.19 0.00	15.39 0.26 0.00	16.05 0.26 0.00	18.07 0.11 0.00	28.40 -0.16 0.00	30.57 -0.28 0.00	30.35 -0.16 0.00	29.15 0.05 0.00	22.65 0.18 0.00	24.81 0.70 0.00	18.93 0.58 0.00
DUNKIRK___2 23564	16.03 -0.67 0.00	15.97 -0.77 0.00	14.41 -0.76 0.00	13.50 -0.69 0.00	13.78 -0.70 0.00	15.86 -0.72 0.00	13.49 -0.61 0.00	14.25 -0.49 0.00	12.31 -0.55 0.00	13.50 -0.43 0.00	11.53 -0.15 0.00	14.46 0.18 0.00	14.52 0.24 0.00	14.78 0.19 0.00	15.39 0.26 0.00	16.05 0.26 0.00	18.07 0.11 0.00	28.40 -0.16 0.00	30.57 -0.28 0.00	30.35 -0.16 0.00	29.15 0.05 0.00	22.65 0.18 0.00	24.81 0.70 0.00	18.93 0.58 0.00
DUNKIRK___3 23565	16.08 -0.63 0.00	16.00 -0.74 0.00	14.45 -0.72 0.00	13.54 -0.66 0.00	13.82 -0.66 0.00	15.90 -0.67 0.00	13.50 -0.60 0.00	14.26 -0.48 0.00	12.30 -0.55 0.00	13.50 -0.44 0.00	11.51 -0.17 0.00	14.42 0.15 0.00	14.48 0.20 0.00	14.76 0.17 0.00	15.34 0.21 0.00	16.00 0.21 0.00	18.00 0.04 0.00	28.32 -0.24 0.00	30.48 -0.37 0.00	30.23 -0.27 0.00	29.00 -0.11 0.00	22.52 0.05 0.00	24.64 0.53 0.00	18.83 0.48 0.00
DUNKIRK___4 23566	16.08 -0.63 0.00	16.00 -0.74 0.00	14.45 -0.72 0.00	13.54 -0.66 0.00	13.82 -0.66 0.00	15.90 -0.67 0.00	13.50 -0.60 0.00	14.26 -0.48 0.00	12.30 -0.55 0.00	13.50 -0.44 0.00	11.51 -0.17 0.00	14.42 0.15 0.00	14.48 0.20 0.00	14.76 0.17 0.00	15.34 0.21 0.00	16.00 0.21 0.00	18.00 0.04 0.00	28.32 -0.24 0.00	30.48 -0.37 0.00	30.23 -0.27 0.00	29.00 -0.11 0.00	22.52 0.05 0.00	24.64 0.53 0.00	18.83 0.48 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	17.59 0.88 0.00	17.69 0.95 0.00	16.05 0.88 0.00	15.07 0.87 0.00	15.27 0.80 0.00	17.42 0.85 0.00	14.93 0.83 0.00	15.60 0.86 0.00	13.66 0.81 0.00	14.79 0.86 0.00	12.42 0.74 0.00	15.15 0.87 0.00	15.15 0.87 0.00	15.41 0.81 0.00	16.00 0.86 0.00	16.71 0.92 0.00	19.08 1.12 0.00	30.31 1.75 0.00	32.74 1.89 0.00	32.41 1.91 0.00	30.85 1.74 0.00	23.80 1.34 0.00	25.48 1.36 0.00	19.22 0.87 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	17.59 0.88 0.00	17.66 0.92 0.00	16.02 0.85 0.00	15.03 0.84 0.00	15.25 0.78 0.00	17.42 0.85 0.00	14.89 0.79 0.00	15.57 0.82 0.00	13.60 0.75 0.00	14.70 0.77 0.00	12.31 0.63 0.00	15.04 0.76 0.00	15.05 0.78 0.00	15.32 0.73 0.00	15.93 0.80 0.00	16.67 0.88 0.00	19.03 1.07 0.00	30.27 1.71 0.00	32.71 1.86 0.00	32.42 1.92 0.00	30.84 1.74 0.00	23.77 1.30 0.00	25.46 1.34 0.00	19.21 0.87 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	17.66 0.95 0.00	17.78 1.04 0.00	16.17 1.00 0.00	15.16 0.96 0.00	15.34 0.87 0.00	17.50 0.93 0.00	15.02 0.92 0.00	15.70 0.95 0.00	13.75 0.90 0.00	14.85 0.92 0.00	12.48 0.79 0.00	15.21 0.93 0.00	15.23 0.95 0.00	15.47 0.88 0.00	16.07 0.94 0.00	16.78 0.99 0.00	19.14 1.18 0.00	30.34 1.78 0.00	32.81 1.96 0.00	32.51 2.00 0.00	30.96 1.85 0.00	23.89 1.42 0.00	25.54 1.43 0.00	19.33 0.99 0.00
E179THST_13_KV_LOAD 356214	17.72 1.01 0.00	17.84 1.10 0.00	16.22 1.05 0.00	15.20 1.00 0.00	15.39 0.91 0.00	17.56 0.98 0.00	15.07 0.96 0.00	15.75 1.00 0.00	13.80 0.94 0.00	14.91 0.97 0.00	12.52 0.84 0.00	15.27 1.00 0.00	15.29 1.01 0.00	15.53 0.94 0.00	16.14 1.01 0.00	16.85 1.06 0.00	19.22 1.26 0.00	30.47 1.91 0.00	32.95 2.10 0.00	32.64 2.14 0.00	31.09 1.98 0.00	23.98 1.51 0.00	25.65 1.54 0.00	19.41 1.06 0.00
EAST HAMPTON___GT 23717	17.63 0.92 0.00	17.88 1.14 0.00	16.37 1.19 0.00	15.36 1.16 0.00	15.70 1.22 0.00	17.77 1.20 0.00	15.18 1.08 0.00	15.82 1.08 0.00	13.82 0.96 0.00	15.03 1.09 0.00	12.64 0.96 0.00	15.23 0.95 0.00	15.09 0.81 0.00	15.21 0.62 0.00	15.76 0.63 0.00	16.65 0.86 0.00	19.42 1.46 0.00	31.32 2.76 0.00	33.73 2.88 0.00	33.51 3.01 0.00	31.06 1.96 0.00	23.96 1.49 0.00	25.35 1.24 0.00	19.15 0.80 0.00
EAST RIVER___6 23660	17.72 1.01 0.00	17.82 1.07 0.00	16.19 1.01 0.00	15.20 1.00 0.00	15.39 0.92 0.00	17.56 0.99 0.00	15.06 0.96 0.00	15.75 1.00 0.00	13.81 0.95 0.00	14.93 0.99 0.00	12.55 0.87 0.00	15.30 1.03 0.00	15.31 1.04 0.00	15.58 0.99 0.00	16.18 1.05 0.00	16.90 1.11 0.00	19.28 1.33 0.00	30.60 2.04 0.00	33.05 2.20 0.00	32.69 2.19 0.00	31.13 2.02 0.00	24.01 1.54 0.00	25.69 1.58 0.00	19.38 1.03 0.00
EAST RIVER___7 23524	17.72 1.01 0.00	17.82 1.07 0.00	16.19 1.01 0.00	15.20 1.00 0.00	15.39 0.92 0.00	17.56 0.99 0.00	15.06 0.96 0.00	15.75 1.00 0.00	13.81 0.95 0.00	14.93 0.99 0.00	12.55 0.87 0.00	15.30 1.03 0.00	15.31 1.04 0.00	15.58 0.99 0.00	16.18 1.05 0.00	16.90 1.11 0.00	19.28 1.33 0.00	30.60 2.04 0.00	33.05 2.20 0.00	32.69 2.19 0.00	31.13 2.02 0.00	24.01 1.54 0.00	25.69 1.58 0.00	19.38 1.03 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	17.58 0.87 0.00	17.68 0.93 0.00	16.04 0.87 0.00	15.06 0.86 0.00	15.26 0.79 0.00	17.41 0.84 0.00	14.92 0.81 0.00	15.58 0.84 0.00	13.65 0.79 0.00	14.77 0.83 0.00	12.40 0.72 0.00	15.12 0.84 0.00	15.12 0.85 0.00	15.38 0.78 0.00	15.97 0.84 0.00	16.69 0.89 0.00	19.04 1.09 0.00	30.26 1.70 0.00	32.70 1.85 0.00	32.38 1.88 0.00	30.82 1.71 0.00	23.78 1.31 0.00	25.44 1.33 0.00	19.20 0.85 0.00
EAST_HAMPTON___DIESEL 23722	17.60 0.89 0.00	17.85 1.11 0.00	16.35 1.18 0.00	15.34 1.14 0.00	15.69 1.21 0.00	17.76 1.18 0.00	15.17 1.07 0.00	15.79 1.05 0.00	13.79 0.94 0.00	15.00 1.06 0.00	12.62 0.94 0.00	15.20 0.92 0.00	15.06 0.78 0.00	15.18 0.59 0.00	15.73 0.60 0.00	16.62 0.83 0.00	19.39 1.43 0.00	31.30 2.73 0.00	33.69 2.84 0.00	33.47 2.97 0.00	31.02 1.92 0.00	23.92 1.45 0.00	25.30 1.19 0.00	19.11 0.77 0.00
EAST_POINT___SOLAR 323840	17.74 1.04 0.00	17.72 0.98 0.00	16.05 0.87 0.00	14.97 0.77 0.00	15.27 0.79 0.00	17.55 0.98 0.00	14.89 0.79 0.00	15.57 0.83 0.00	13.48 0.63 0.00	14.57 0.63 0.00	12.27 0.59 0.00	15.05 0.78 0.00	15.09 0.81 0.00	15.45 0.86 0.00	16.11 0.98 0.00	16.81 1.02 0.00	19.17 1.21 0.00	30.56 1.99 0.00	32.81 1.96 0.00	32.53 2.02 0.00	31.09 1.98 0.00	23.99 1.52 0.00	25.73 1.61 0.00	19.64 1.29 0.00
EAST_PULASKI___ESR 323781	16.30 -0.41 0.00	16.38 -0.36 0.00	14.78 -0.40 0.00	13.88 -0.32 0.00	14.15 -0.32 0.00	16.23 -0.34 0.00	13.78 -0.32 0.00	14.39 -0.35 0.00	12.52 -0.33 0.00	13.52 -0.41 0.00	11.30 -0.38 0.00	13.85 -0.43 0.00	13.90 -0.38 0.00	14.30 -0.29 0.00	14.83 -0.30 0.00	15.51 -0.29 0.00	17.62 -0.34 0.00	27.92 -0.64 0.00	30.14 -0.71 0.00	29.87 -0.64 0.00	28.60 -0.50 0.00	22.15 -0.32 0.00	23.83 -0.28 0.00	18.13 -0.21 0.00
EAST_RIVER___1 323558	17.68 0.97 0.00	17.78 1.04 0.00	16.15 0.98 0.00	15.16 0.96 0.00	15.36 0.89 0.00	17.52 0.94 0.00	15.02 0.92 0.00	15.71 0.96 0.00	13.78 0.92 0.00	14.88 0.95 0.00	12.51 0.83 0.00	15.25 0.98 0.00	15.27 0.99 0.00	15.53 0.94 0.00	16.13 0.99 0.00	16.85 1.06 0.00	19.22 1.26 0.00	30.49 1.94 0.00	32.95 2.10 0.00	32.60 2.09 0.00	31.03 1.92 0.00	23.94 1.48 0.00	25.61 1.50 0.00	19.32 0.98 0.00
EAST_RIVER___2 323559	17.72 1.01 0.00	17.82 1.07 0.00	16.19 1.01 0.00	15.20 1.00 0.00	15.39 0.92 0.00	17.56 0.99 0.00	15.06 0.96 0.00	15.75 1.00 0.00	13.81 0.95 0.00	14.93 0.99 0.00	12.55 0.87 0.00	15.30 1.03 0.00	15.31 1.04 0.00	15.58 0.99 0.00	16.18 1.05 0.00	16.90 1.11 0.00	19.28 1.33 0.00	30.60 2.04 0.00	33.05 2.20 0.00	32.69 2.19 0.00	31.13 2.02 0.00	24.01 1.54 0.00	25.69 1.58 0.00	19.38 1.03 0.00
EAST___DELAWARE_HYD 23607	17.28 0.57 0.00	17.32 0.58 0.00	15.71 0.54 0.00	14.72 0.52 0.00	14.94 0.47 0.00	17.09 0.51 0.00	14.60 0.50 0.00	15.27 0.53 0.00	13.32 0.46 0.00	14.36 0.42 0.00	12.00 0.32 0.00	14.71 0.43 0.00	14.67 0.40 0.00	14.92 0.33 0.00	15.50 0.37 0.00	16.23 0.43 0.00	18.62 0.66 0.00	29.69 1.13 0.00	32.11 1.26 0.00	31.85 1.34 0.00	30.32 1.22 0.00	23.35 0.89 0.00	25.00 0.88 0.00	18.83 0.48 0.00
EIGHT_POINT___WT_PWR 323820	15.59 -1.12 0.00	15.57 -1.18 0.00	14.02 -1.15 0.00	13.14 -1.06 0.00	13.38 -1.09 0.00	15.38 -1.19 0.00	13.05 -1.05 0.00	13.84 -0.90 0.00	12.10 -0.76 0.00	13.31 -0.63 0.00	11.32 -0.36 0.00	14.10 -0.18 0.00	14.19 -0.09 0.00	14.59 0.00 0.00	15.10 -0.03 0.00	15.83 0.04 0.00	17.98 0.03 0.00	28.55 -0.01 0.00	30.65 -0.20 0.00	30.42 -0.09 0.00	29.25 0.15 0.00	22.60 0.13 0.00	24.54 0.43 0.00	18.68 0.34 0.00
ELBRIDGE_115KV_TB2 80188	16.45 -0.26 0.00	16.47 -0.27 0.00	14.93 -0.24 0.00	13.98 -0.22 0.00	14.24 -0.23 0.00	16.30 -0.28 0.00	13.86 -0.24 0.00	14.53 -0.21 0.00	12.63 -0.22 0.00	13.70 -0.24 0.00	11.52 -0.16 0.00	14.15 -0.12 0.00	14.20 -0.08 0.00	14.51 -0.08 0.00	15.06 -0.07 0.00	15.71 -0.09 0.00	17.82 -0.13 0.00	28.21 -0.35 0.00	30.40 -0.45 0.00	30.12 -0.39 0.00	28.76 -0.35 0.00	22.20 -0.27 0.00	23.83 -0.28 0.00	18.17 -0.18 0.00
ELEC_TRO_TEK 24086	17.69 0.99 0.00	17.82 1.07 0.00	16.16 0.99 0.00	15.14 0.94 0.00	15.33 0.86 0.00	17.47 0.90 0.00	14.95 0.86 0.00	15.63 0.89 0.00	13.69 0.84 0.00	14.87 0.94 0.00	12.54 0.86 0.00	15.24 0.96 0.00	15.20 0.92 0.00	15.42 0.83 0.00	16.02 0.89 0.00	16.79 1.00 0.00	19.26 1.30 0.00	30.60 2.04 0.00	33.01 2.16 0.00	32.66 2.16 0.00	30.78 1.68 0.00	23.79 1.32 0.00	25.39 1.28 0.00	19.19 0.84 0.00

ELLENBURG_WT_PWR 323604	16.97 0.26 0.00	17.01 0.26 0.00	15.27 0.09 0.00	14.14 -0.05 0.00	14.21 -0.27 0.00	16.64 0.07 0.00	14.39 0.29 0.00	14.86 0.11 0.00	12.95 0.09 0.00	14.14 0.20 0.00	11.79 0.11 0.00	14.24 -0.03 0.00	14.34 0.06 0.00	14.85 0.26 0.00	15.15 0.02 0.00	15.63 -0.16 0.00	17.91 -0.05 0.00	29.12 0.56 0.00	31.70 0.85 0.00	31.31 0.80 0.00	29.65 0.55 0.00	22.68 0.21 0.00	24.06 -0.05 0.00	18.61 0.27 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	15.98 -0.72 0.00	15.89 -0.86 0.00	14.37 -0.80 0.00	13.47 -0.73 0.00	13.75 -0.72 0.00	15.81 -0.76 0.00	13.37 -0.73 0.00	14.16 -0.59 0.00	12.17 -0.68 0.00	13.40 -0.54 0.00	11.40 -0.28 0.00	14.27 0.00 0.00	14.30 0.02 0.00	14.63 0.04 0.00	15.16 0.03 0.00	15.81 0.02 0.00	17.73 -0.23 0.00	27.95 -0.61 0.00	30.13 -0.73 0.00	29.87 -0.64 0.00	28.62 -0.49 0.00	22.20 -0.27 0.00	24.23 0.12 0.00	18.62 0.28 0.00
EMPIRE_CC_1 323656	16.95 0.24 0.00	17.04 0.30 0.00	15.46 0.29 0.00	14.53 0.34 0.00	14.76 0.29 0.00	16.86 0.28 0.00	14.34 0.23 0.00	14.95 0.20 0.00	13.08 0.22 0.00	14.14 0.20 0.00	11.82 0.15 0.00	14.45 0.17 0.00	14.41 0.13 0.00	14.68 0.09 0.00	15.24 0.11 0.00	15.89 0.10 0.00	18.12 0.17 0.00	28.78 0.22 0.00	31.13 0.28 0.00	30.77 0.26 0.00	29.34 0.24 0.00	22.64 0.17 0.00	24.27 0.16 0.00	18.47 0.12 0.00
EMPIRE_CC_2 323658	16.95 0.24 0.00	17.04 0.30 0.00	15.46 0.29 0.00	14.53 0.34 0.00	14.76 0.29 0.00	16.86 0.28 0.00	14.34 0.23 0.00	14.95 0.20 0.00	13.08 0.22 0.00	14.14 0.20 0.00	11.82 0.15 0.00	14.45 0.17 0.00	14.41 0.13 0.00	14.68 0.09 0.00	15.24 0.11 0.00	15.89 0.10 0.00	18.12 0.17 0.00	28.78 0.22 0.00	31.13 0.28 0.00	30.77 0.26 0.00	29.34 0.24 0.00	22.64 0.17 0.00	24.27 0.16 0.00	18.47 0.12 0.00
ENORWICH_115KV_TB1 80156	17.21 0.51 0.00	17.25 0.50 0.00	15.75 0.58 0.00	14.77 0.57 0.00	15.10 0.63 0.00	17.35 0.77 0.00	14.78 0.68 0.00	15.55 0.81 0.00	13.55 0.69 0.00	14.63 0.70 0.00	12.17 0.49 0.00	15.05 0.78 0.00	15.08 0.80 0.00	15.61 1.02 0.00	16.18 1.05 0.00	16.96 1.17 0.00	19.39 1.43 0.00	30.66 2.10 0.00	33.04 2.18 0.00	32.77 2.27 0.00	31.24 2.14 0.00	23.98 1.51 0.00	25.76 1.65 0.00	19.50 1.16 0.00
ERIE_ST__34_KV_TB1-2 80199	16.37 -0.34 0.00	16.28 -0.46 0.00	14.71 -0.46 0.00	13.79 -0.41 0.00	14.07 -0.40 0.00	16.19 -0.39 0.00	13.68 -0.42 0.00	14.47 -0.27 0.00	12.46 -0.40 0.00	13.69 -0.24 0.00	11.64 -0.04 0.00	14.57 0.29 0.00	14.60 0.33 0.00	14.93 0.34 0.00	15.48 0.35 0.00	16.14 0.35 0.00	18.13 0.17 0.00	28.57 0.01 0.00	30.80 -0.05 0.00	30.53 0.03 0.00	29.24 0.13 0.00	22.67 0.20 0.00	24.73 0.62 0.00	18.97 0.63 0.00
ERIE_WT_PWR 323693	16.08 -0.63 0.00	16.01 -0.74 0.00	14.45 -0.72 0.00	13.55 -0.65 0.00	13.82 -0.65 0.00	15.92 -0.66 0.00	13.46 -0.65 0.00	14.25 -0.50 0.00	12.26 -0.60 0.00	13.49 -0.45 0.00	11.47 -0.21 0.00	14.36 0.08 0.00	14.39 0.12 0.00	14.73 0.13 0.00	15.26 0.12 0.00	15.91 0.12 0.00	17.85 -0.11 0.00	28.16 -0.40 0.00	30.36 -0.50 0.00	30.11 -0.39 0.00	28.86 -0.25 0.00	22.38 -0.09 0.00	24.43 0.32 0.00	18.76 0.41 0.00
ESPRGFLD_115KV_TB1 80157	17.54 0.83 0.00	17.54 0.79 0.00	15.90 0.72 0.00	14.85 0.65 0.00	15.13 0.66 0.00	17.39 0.81 0.00	14.76 0.66 0.00	15.48 0.74 0.00	13.46 0.61 0.00	14.58 0.64 0.00	12.28 0.60 0.00	15.10 0.82 0.00	15.15 0.87 0.00	15.51 0.92 0.00	16.10 0.97 0.00	16.78 0.99 0.00	19.11 1.15 0.00	30.34 1.78 0.00	32.60 1.74 0.00	32.28 1.78 0.00	30.82 1.72 0.00	23.77 1.30 0.00	25.52 1.41 0.00	19.47 1.13 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	16.83 0.12 0.00	16.85 0.11 0.00	15.28 0.11 0.00	14.32 0.12 0.00	14.58 0.11 0.00	16.71 0.14 0.00	14.21 0.10 0.00	14.89 0.15 0.00	12.95 0.09 0.00	14.02 0.08 0.00	11.78 0.09 0.00	14.50 0.22 0.00	14.54 0.26 0.00	14.90 0.31 0.00	15.46 0.33 0.00	16.13 0.34 0.00	18.37 0.42 0.00	29.09 0.53 0.00	31.34 0.49 0.00	31.04 0.54 0.00	29.63 0.53 0.00	22.85 0.39 0.00	24.60 0.49 0.00	18.69 0.35 0.00
ETNA____115KV_TB2 80207	16.83 0.12 0.00	16.85 0.11 0.00	15.28 0.11 0.00	14.32 0.12 0.00	14.58 0.11 0.00	16.71 0.14 0.00	14.21 0.10 0.00	14.89 0.15 0.00	12.95 0.09 0.00	14.02 0.08 0.00	11.78 0.09 0.00	14.50 0.22 0.00	14.54 0.26 0.00	14.90 0.31 0.00	15.46 0.33 0.00	16.13 0.34 0.00	18.37 0.42 0.00	29.09 0.53 0.00	31.34 0.49 0.00	31.04 0.54 0.00	29.63 0.53 0.00	22.85 0.39 0.00	24.60 0.49 0.00	18.69 0.35 0.00
EUCLID____115KV_TB2 356179	16.43 -0.27 0.00	16.46 -0.28 0.00	14.91 -0.26 0.00	13.97 -0.23 0.00	14.23 -0.24 0.00	16.31 -0.27 0.00	13.86 -0.24 0.00	14.50 -0.24 0.00	12.62 -0.24 0.00	13.69 -0.25 0.00	11.50 -0.18 0.00	14.13 -0.15 0.00	14.16 -0.12 0.00	14.48 -0.11 0.00	15.03 -0.10 0.00	15.68 -0.11 0.00	17.79 -0.17 0.00	28.18 -0.39 0.00	30.41 -0.45 0.00	30.09 -0.41 0.00	28.73 -0.38 0.00	22.17 -0.30 0.00	23.84 -0.27 0.00	18.14 -0.20 0.00
E_CANADA_CAP_HY 24051	17.72 1.01 0.00	17.70 0.96 0.00	16.02 0.85 0.00	14.95 0.75 0.00	15.24 0.77 0.00	17.53 0.95 0.00	14.87 0.77 0.00	15.55 0.81 0.00	13.48 0.63 0.00	14.57 0.64 0.00	12.28 0.60 0.00	15.07 0.79 0.00	15.10 0.82 0.00	15.46 0.87 0.00	16.10 0.97 0.00	16.79 1.00 0.00	19.14 1.18 0.00	30.49 1.93 0.00	32.74 1.88 0.00	32.44 1.93 0.00	31.02 1.91 0.00	23.94 1.47 0.00	25.68 1.57 0.00	19.62 1.27 0.00
E_CANADA_MHWK_HY 24050	16.75 0.05 0.00	16.84 0.09 0.00	15.31 0.14 0.00	14.38 0.18 0.00	14.64 0.17 0.00	16.72 0.15 0.00	14.21 0.11 0.00	14.74 -0.01 0.00	12.78 -0.08 0.00	13.74 -0.19 0.00	11.45 -0.23 0.00	13.98 -0.29 0.00	13.93 -0.35 0.00	14.22 -0.37 0.00	15.02 -0.11 0.00	15.75 -0.04 0.00	18.04 0.08 0.00	28.79 0.23 0.00	31.12 0.26 0.00	30.78 0.27 0.00	29.32 0.21 0.00	22.58 0.11 0.00	24.10 -0.01 0.00	18.16 -0.19 0.00
E_FISHKILL____LBMP 23776	17.47 0.76 0.00	17.56 0.82 0.00	15.93 0.76 0.00	14.95 0.76 0.00	15.17 0.70 0.00	17.32 0.74 0.00	14.81 0.71 0.00	15.47 0.73 0.00	13.54 0.69 0.00	14.65 0.72 0.00	12.29 0.60 0.00	15.00 0.72 0.00	14.99 0.71 0.00	15.24 0.65 0.00	15.83 0.70 0.00	16.53 0.74 0.00	18.86 0.90 0.00	30.00 1.43 0.00	32.44 1.59 0.00	32.14 1.63 0.00	30.58 1.48 0.00	23.58 1.12 0.00	25.24 1.13 0.00	19.06 0.72 0.00
FALCON____SEABRD_CC1 323796	17.28 0.57 0.00	17.32 0.58 0.00	15.53 0.36 0.00	14.36 0.17 0.00	14.38 -0.09 0.00	16.88 0.31 0.00	14.69 0.58 0.00	15.13 0.39 0.00	13.20 0.35 0.00	14.40 0.47 0.00	12.00 0.31 0.00	14.48 0.20 0.00	14.59 0.31 0.00	15.16 0.57 0.00	15.46 0.33 0.00	15.86 0.06 0.00	18.18 0.22 0.00	29.83 1.27 0.00	32.52 1.67 0.00	32.13 1.63 0.00	30.34 1.24 0.00	23.12 0.64 0.00	24.42 0.31 0.00	18.90 0.55 0.00

FALCON___SEABRD_CC2 323797	17.28 0.57 0.00	17.32 0.58 0.00	15.53 0.36 0.00	14.36 0.17 0.00	14.38 -0.09 0.00	16.88 0.31 0.00	14.69 0.58 0.00	15.13 0.39 0.00	13.20 0.35 0.00	14.40 0.47 0.00	12.00 0.31 0.00	14.48 0.20 0.00	14.59 0.31 0.00	15.16 0.57 0.00	15.46 0.33 0.00	15.86 0.06 0.00	18.18 0.22 0.00	29.83 1.27 0.00	32.52 1.67 0.00	32.13 1.63 0.00	30.34 1.24 0.00	23.12 0.64 0.00	24.42 0.31 0.00	18.90 0.55 0.00
FAR ROCKAWAY___4 23548	17.88 1.17 0.00	17.99 1.24 0.00	16.31 1.14 0.00	15.28 1.08 0.00	15.47 1.00 0.00	17.63 1.06 0.00	15.08 0.98 0.00	15.76 1.02 0.00	13.81 0.95 0.00	15.01 1.07 0.00	12.65 0.97 0.00	15.37 1.09 0.00	15.34 1.06 0.00	15.55 0.96 0.00	16.17 1.03 0.00	16.96 1.17 0.00	19.48 1.53 0.00	30.97 2.40 0.00	33.39 2.53 0.00	33.02 2.51 0.00	31.14 2.03 0.00	24.05 1.58 0.00	25.65 1.54 0.00	19.40 1.05 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	17.67 0.96 0.00	17.78 1.04 0.00	16.14 0.97 0.00	15.16 0.96 0.00	15.35 0.88 0.00	17.51 0.94 0.00	15.02 0.92 0.00	15.70 0.96 0.00	13.77 0.92 0.00	14.88 0.95 0.00	12.51 0.83 0.00	15.25 0.97 0.00	15.26 0.99 0.00	15.52 0.93 0.00	16.12 0.99 0.00	16.84 1.05 0.00	19.21 1.25 0.00	30.48 1.92 0.00	32.93 2.07 0.00	32.59 2.09 0.00	31.02 1.91 0.00	23.93 1.46 0.00	25.60 1.49 0.00	19.32 0.97 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	17.68 0.98 0.00	17.79 1.05 0.00	16.15 0.98 0.00	15.16 0.97 0.00	15.36 0.89 0.00	17.52 0.95 0.00	15.03 0.93 0.00	15.71 0.97 0.00	13.78 0.92 0.00	14.88 0.95 0.00	12.51 0.83 0.00	15.26 0.98 0.00	15.27 0.99 0.00	15.53 0.94 0.00	16.13 0.99 0.00	16.85 1.06 0.00	19.22 1.26 0.00	30.50 1.94 0.00	32.95 2.10 0.00	32.59 2.09 0.00	31.04 1.93 0.00	23.95 1.48 0.00	25.62 1.51 0.00	19.33 0.99 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	17.67 0.96 0.00	17.77 1.03 0.00	16.14 0.97 0.00	15.16 0.96 0.00	15.35 0.88 0.00	17.51 0.94 0.00	15.02 0.92 0.00	15.70 0.96 0.00	13.76 0.91 0.00	14.87 0.94 0.00	12.50 0.82 0.00	15.24 0.97 0.00	15.26 0.98 0.00	15.51 0.92 0.00	16.11 0.98 0.00	16.83 1.04 0.00	19.20 1.24 0.00	30.47 1.91 0.00	32.91 2.06 0.00	32.56 2.06 0.00	31.01 1.90 0.00	23.92 1.46 0.00	25.59 1.48 0.00	19.31 0.97 0.00
FARRAGUT___LBMP 323566	17.66 0.95 0.00	17.77 1.02 0.00	16.13 0.96 0.00	15.15 0.95 0.00	15.34 0.87 0.00	17.50 0.93 0.00	15.00 0.90 0.00	15.69 0.95 0.00	13.76 0.90 0.00	14.87 0.93 0.00	12.49 0.81 0.00	15.23 0.96 0.00	15.24 0.97 0.00	15.50 0.91 0.00	16.10 0.97 0.00	16.82 1.03 0.00	19.19 1.23 0.00	30.45 1.89 0.00	32.90 2.04 0.00	32.54 2.04 0.00	30.98 1.88 0.00	23.90 1.43 0.00	25.58 1.47 0.00	19.30 0.95 0.00
FENNER___WINDPWR 24204	16.84 0.13 0.00	16.88 0.13 0.00	15.29 0.12 0.00	14.32 0.12 0.00	14.59 0.11 0.00	16.72 0.15 0.00	14.22 0.12 0.00	14.85 0.11 0.00	12.93 0.08 0.00	14.02 0.09 0.00	11.71 0.03 0.00	14.40 0.12 0.00	14.43 0.15 0.00	14.84 0.25 0.00	15.46 0.33 0.00	16.16 0.37 0.00	18.38 0.42 0.00	29.15 0.59 0.00	31.47 0.62 0.00	31.17 0.67 0.00	29.77 0.67 0.00	22.97 0.50 0.00	24.65 0.54 0.00	18.72 0.37 0.00
FIBERTEK___ENERGY 23856	16.55 -0.16 0.00	16.58 -0.16 0.00	15.02 -0.15 0.00	14.07 -0.12 0.00	14.34 -0.14 0.00	16.42 -0.16 0.00	13.95 -0.15 0.00	14.61 -0.13 0.00	12.71 -0.14 0.00	13.79 -0.14 0.00	11.59 -0.09 0.00	14.24 -0.04 0.00	14.28 0.00 0.00	14.60 0.01 0.00	15.16 0.03 0.00	15.81 0.02 0.00	17.94 -0.01 0.00	28.42 -0.15 0.00	30.64 -0.21 0.00	30.34 -0.16 0.00	28.97 -0.14 0.00	22.35 -0.11 0.00	24.01 -0.10 0.00	18.28 -0.06 0.00
FITZPATRICK____ 23598	16.21 -0.50 0.00	16.24 -0.50 0.00	14.72 -0.45 0.00	13.79 -0.41 0.00	14.05 -0.42 0.00	16.09 -0.48 0.00	13.68 -0.43 0.00	14.31 -0.43 0.00	12.46 -0.40 0.00	13.52 -0.42 0.00	11.35 -0.33 0.00	13.93 -0.35 0.00	13.95 -0.33 0.00	14.26 -0.34 0.00	14.80 -0.34 0.00	15.43 -0.36 0.00	17.49 -0.47 0.00	27.72 -0.84 0.00	29.92 -0.93 0.00	29.61 -0.90 0.00	28.26 -0.85 0.00	21.82 -0.65 0.00	23.44 -0.67 0.00	17.86 -0.49 0.00
FLOWRFLD_69_KV_BK1 356044	17.78 1.07 0.00	17.98 1.23 0.00	16.31 1.14 0.00	15.24 1.04 0.00	15.45 0.98 0.00	17.58 1.01 0.00	15.06 0.95 0.00	15.75 1.01 0.00	13.79 0.94 0.00	15.00 1.06 0.00	12.68 0.99 0.00	15.35 1.08 0.00	15.25 0.98 0.00	15.40 0.81 0.00	15.97 0.84 0.00	16.75 0.96 0.00	19.36 1.41 0.00	30.94 2.38 0.00	33.37 2.52 0.00	33.06 2.55 0.00	31.00 1.90 0.00	24.01 1.54 0.00	25.56 1.45 0.00	19.32 0.98 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	17.77 1.06 0.00	17.84 1.10 0.00	16.18 1.01 0.00	15.18 0.98 0.00	15.41 0.93 0.00	17.59 1.02 0.00	15.05 0.95 0.00	15.73 0.99 0.00	13.75 0.90 0.00	14.87 0.93 0.00	12.45 0.77 0.00	15.20 0.93 0.00	15.20 0.93 0.00	15.47 0.87 0.00	16.10 0.97 0.00	16.87 1.08 0.00	19.27 1.31 0.00	30.67 2.11 0.00	33.15 2.29 0.00	32.85 2.35 0.00	31.25 2.14 0.00	24.06 1.59 0.00	25.75 1.64 0.00	19.42 1.07 0.00
FORT ORANGE____ 23900	16.90 0.19 0.00	17.03 0.28 0.00	15.48 0.31 0.00	14.54 0.34 0.00	14.77 0.30 0.00	16.85 0.28 0.00	14.37 0.27 0.00	14.95 0.21 0.00	13.07 0.22 0.00	14.10 0.16 0.00	11.77 0.09 0.00	14.37 0.09 0.00	14.35 0.07 0.00	14.65 0.06 0.00	15.21 0.08 0.00	15.94 0.15 0.00	18.19 0.23 0.00	28.93 0.37 0.00	31.32 0.47 0.00	30.97 0.47 0.00	29.51 0.40 0.00	22.73 0.26 0.00	24.33 0.22 0.00	18.44 0.10 0.00
FORT_DRUM_COGEN 23780	16.20 -0.51 0.00	16.43 -0.31 0.00	14.65 -0.52 0.00	13.84 -0.36 0.00	14.15 -0.32 0.00	16.29 -0.28 0.00	13.84 -0.26 0.00	14.36 -0.38 0.00	12.49 -0.37 0.00	13.34 -0.60 0.00	11.02 -0.66 0.00	13.42 -0.86 0.00	13.41 -0.87 0.00	14.04 -0.56 0.00	14.57 -0.56 0.00	15.32 -0.47 0.00	17.53 -0.43 0.00	27.83 -0.73 0.00	30.04 -0.81 0.00	29.87 -0.63 0.00	28.75 -0.36 0.00	22.54 0.07 0.00	24.30 0.19 0.00	18.50 0.15 0.00
FOX_HILLS___ESR 323835	17.68 0.97 0.00	17.79 1.05 0.00	16.16 0.99 0.00	15.16 0.96 0.00	15.35 0.88 0.00	17.52 0.95 0.00	15.03 0.93 0.00	15.72 0.97 0.00	13.75 0.90 0.00	14.85 0.91 0.00	12.47 0.79 0.00	15.20 0.92 0.00	15.22 0.94 0.00	15.48 0.89 0.00	16.08 0.94 0.00	16.81 1.01 0.00	19.18 1.22 0.00	30.40 1.83 0.00	32.84 1.99 0.00	32.53 2.02 0.00	30.97 1.87 0.00	23.94 1.47 0.00	25.61 1.50 0.00	19.35 1.00 0.00
FPL FAR_ROCK_GT1 24212	17.87 1.17 0.00	17.98 1.24 0.00	16.31 1.14 0.00	15.28 1.08 0.00	15.47 1.00 0.00	17.63 1.06 0.00	15.08 0.98 0.00	15.76 1.02 0.00	13.81 0.95 0.00	15.01 1.07 0.00	12.65 0.97 0.00	15.37 1.09 0.00	15.33 1.05 0.00	15.55 0.96 0.00	16.17 1.03 0.00	16.96 1.17 0.00	19.48 1.53 0.00	30.97 2.40 0.00	33.38 2.53 0.00	33.02 2.51 0.00	31.14 2.03 0.00	24.05 1.58 0.00	25.65 1.54 0.00	19.40 1.05 0.00

FPL FAR_ROCK_GT2 23815	17.87 1.17 0.00	17.98 1.24 0.00	16.31 1.14 0.00	15.28 1.08 0.00	15.47 1.00 0.00	17.63 1.06 0.00	15.08 0.98 0.00	15.76 1.02 0.00	13.81 0.95 0.00	15.01 1.07 0.00	12.65 0.97 0.00	15.37 1.09 0.00	15.33 1.05 0.00	15.55 0.96 0.00	16.17 1.03 0.00	16.96 1.17 0.00	19.48 1.53 0.00	30.97 2.40 0.00	33.38 2.53 0.00	33.02 2.51 0.00	31.14 2.03 0.00	24.05 1.58 0.00	25.65 1.54 0.00	19.40 1.05 0.00
FRANKLIN_FALL_HYD 24054	16.91 0.20 0.00	16.93 0.18 0.00	15.22 0.05 0.00	14.13 -0.06 0.00	14.27 -0.21 0.00	16.62 0.05 0.00	14.32 0.22 0.00	14.84 0.10 0.00	12.94 0.08 0.00	14.12 0.18 0.00	11.79 0.11 0.00	14.24 -0.04 0.00	14.32 0.04 0.00	14.77 0.18 0.00	15.09 -0.04 0.00	15.63 -0.16 0.00	17.89 -0.07 0.00	28.97 0.41 0.00	31.49 0.64 0.00	31.08 0.58 0.00	29.56 0.45 0.00	22.65 0.18 0.00	24.12 0.01 0.00	18.58 0.23 0.00
FREEPORT_EQUS_GT1 23764	17.79 1.08 0.00	17.91 1.17 0.00	16.25 1.08 0.00	15.21 1.01 0.00	15.40 0.93 0.00	17.54 0.97 0.00	15.02 0.91 0.00	15.71 0.97 0.00	13.75 0.89 0.00	14.94 1.01 0.00	12.60 0.92 0.00	15.30 1.03 0.00	15.25 0.97 0.00	15.46 0.87 0.00	16.06 0.93 0.00	16.85 1.06 0.00	19.36 1.40 0.00	30.80 2.24 0.00	33.21 2.36 0.00	32.86 2.36 0.00	30.99 1.89 0.00	23.95 1.49 0.00	25.55 1.43 0.00	19.29 0.95 0.00
FREEPORT___CT2 23818	17.79 1.08 0.00	17.91 1.17 0.00	16.25 1.08 0.00	15.21 1.01 0.00	15.40 0.93 0.00	17.54 0.97 0.00	15.02 0.91 0.00	15.71 0.97 0.00	13.75 0.89 0.00	14.94 1.01 0.00	12.60 0.92 0.00	15.30 1.03 0.00	15.25 0.97 0.00	15.46 0.87 0.00	16.06 0.93 0.00	16.85 1.06 0.00	19.36 1.40 0.00	30.80 2.24 0.00	33.21 2.36 0.00	32.86 2.36 0.00	30.99 1.89 0.00	23.95 1.49 0.00	25.55 1.43 0.00	19.29 0.95 0.00
FRESHKLS_33_KV_LOAD 356253	17.69 0.98 0.00	17.81 1.06 0.00	16.18 1.01 0.00	15.17 0.97 0.00	15.36 0.89 0.00	17.54 0.97 0.00	15.05 0.94 0.00	15.73 0.99 0.00	13.76 0.90 0.00	14.85 0.91 0.00	12.47 0.79 0.00	15.19 0.91 0.00	15.21 0.94 0.00	15.47 0.88 0.00	16.07 0.94 0.00	16.80 1.01 0.00	19.18 1.22 0.00	30.40 1.84 0.00	32.85 1.99 0.00	32.53 2.03 0.00	30.97 1.87 0.00	23.95 1.48 0.00	25.62 1.51 0.00	19.37 1.02 0.00
FULTON COGEN____ 23766	16.33 -0.37 0.00	16.37 -0.37 0.00	14.82 -0.35 0.00	13.89 -0.31 0.00	14.15 -0.32 0.00	16.22 -0.35 0.00	13.78 -0.32 0.00	14.42 -0.32 0.00	12.55 -0.31 0.00	13.59 -0.34 0.00	11.42 -0.27 0.00	14.00 -0.28 0.00	14.05 -0.23 0.00	14.39 -0.20 0.00	14.93 -0.20 0.00	15.59 -0.20 0.00	17.67 -0.29 0.00	28.00 -0.56 0.00	30.22 -0.63 0.00	29.91 -0.59 0.00	28.56 -0.55 0.00	22.03 -0.43 0.00	23.68 -0.43 0.00	18.02 -0.33 0.00
FULTON___LFGE 323630	18.58 1.87 0.00	18.53 1.79 0.00	16.76 1.59 0.00	15.63 1.44 0.00	15.94 1.47 0.00	18.34 1.77 0.00	15.59 1.49 0.00	16.14 1.39 0.00	13.61 0.75 0.00	14.43 0.49 0.00	11.98 0.30 0.00	14.68 0.41 0.00	14.59 0.32 0.00	15.02 0.43 0.00	16.67 1.54 0.00	17.67 1.88 0.00	20.26 2.30 0.00	32.43 3.86 0.00	34.76 3.91 0.00	34.62 4.12 0.00	33.05 3.94 0.00	25.42 2.95 0.00	27.14 3.03 0.00	20.67 2.32 0.00
G.F.CEMENT___DRP 24184	17.24 0.53 0.00	17.27 0.53 0.00	15.62 0.45 0.00	14.67 0.47 0.00	14.94 0.47 0.00	17.12 0.55 0.00	14.59 0.49 0.00	15.20 0.45 0.00	13.24 0.38 0.00	14.26 0.32 0.00	11.87 0.18 0.00	14.47 0.19 0.00	14.38 0.10 0.00	14.66 0.07 0.00	15.34 0.21 0.00	16.12 0.33 0.00	18.50 0.55 0.00	29.79 1.23 0.00	32.23 1.38 0.00	31.90 1.40 0.00	30.33 1.22 0.00	23.30 0.83 0.00	24.85 0.74 0.00	18.72 0.37 0.00
GARDENVILLE___LBMP 24039	16.03 -0.68 0.00	15.94 -0.81 0.00	14.41 -0.76 0.00	13.51 -0.69 0.00	13.78 -0.69 0.00	15.86 -0.72 0.00	13.41 -0.69 0.00	14.20 -0.54 0.00	12.22 -0.63 0.00	13.44 -0.49 0.00	11.44 -0.24 0.00	14.32 0.05 0.00	14.35 0.07 0.00	14.68 0.09 0.00	15.21 0.08 0.00	15.87 0.08 0.00	17.80 -0.15 0.00	28.07 -0.49 0.00	30.25 -0.60 0.00	30.00 -0.51 0.00	28.75 -0.36 0.00	22.30 -0.17 0.00	24.35 0.24 0.00	18.70 0.35 0.00
GARDNVLA_35_KV_LD 355827	16.10 -0.61 0.00	16.01 -0.74 0.00	14.47 -0.70 0.00	13.56 -0.63 0.00	13.84 -0.63 0.00	15.93 -0.64 0.00	13.47 -0.63 0.00	14.26 -0.48 0.00	12.27 -0.58 0.00	13.50 -0.43 0.00	11.49 -0.19 0.00	14.39 0.11 0.00	14.41 0.13 0.00	14.75 0.16 0.00	15.28 0.15 0.00	15.94 0.15 0.00	17.88 -0.07 0.00	28.21 -0.35 0.00	30.40 -0.45 0.00	30.14 -0.36 0.00	28.88 -0.22 0.00	22.40 -0.07 0.00	24.45 0.34 0.00	18.77 0.42 0.00
GELCKHM___115KV_LOAD 80723	16.47 -0.24 0.00	16.50 -0.24 0.00	14.95 -0.22 0.00	14.00 -0.19 0.00	14.27 -0.21 0.00	16.34 -0.23 0.00	13.89 -0.21 0.00	14.54 -0.20 0.00	12.65 -0.20 0.00	13.72 -0.21 0.00	11.53 -0.15 0.00	14.16 -0.11 0.00	14.20 -0.08 0.00	14.52 -0.07 0.00	15.08 -0.06 0.00	15.73 -0.06 0.00	17.84 -0.12 0.00	28.25 -0.31 0.00	30.49 -0.37 0.00	30.18 -0.33 0.00	28.81 -0.30 0.00	22.23 -0.24 0.00	23.89 -0.22 0.00	18.19 -0.16 0.00
GENERAL___MILLS 23808	16.08 -0.63 0.00	15.99 -0.75 0.00	14.45 -0.72 0.00	13.55 -0.65 0.00	13.83 -0.64 0.00	15.91 -0.66 0.00	13.46 -0.65 0.00	14.25 -0.49 0.00	12.26 -0.59 0.00	13.49 -0.45 0.00	11.48 -0.20 0.00	14.37 0.09 0.00	14.39 0.11 0.00	14.73 0.13 0.00	15.26 0.13 0.00	15.92 0.13 0.00	17.86 -0.10 0.00	28.16 -0.40 0.00	30.35 -0.50 0.00	30.10 -0.41 0.00	28.84 -0.26 0.00	22.37 -0.10 0.00	24.42 0.31 0.00	18.75 0.41 0.00
GE_PLASTICS___DRP 24183	16.91 0.20 0.00	17.02 0.28 0.00	15.47 0.29 0.00	14.52 0.32 0.00	14.76 0.29 0.00	16.85 0.27 0.00	14.35 0.25 0.00	14.96 0.21 0.00	13.07 0.22 0.00	14.12 0.19 0.00	11.81 0.13 0.00	14.43 0.15 0.00	14.41 0.14 0.00	14.71 0.12 0.00	15.27 0.14 0.00	15.96 0.17 0.00	18.19 0.23 0.00	28.93 0.36 0.00	31.29 0.44 0.00	30.95 0.45 0.00	29.50 0.39 0.00	22.74 0.27 0.00	24.36 0.25 0.00	18.48 0.13 0.00
GILBOA___1 23756	17.12 0.42 0.00	17.20 0.46 0.00	15.65 0.48 0.00	14.69 0.49 0.00	14.93 0.45 0.00	17.05 0.48 0.00	14.44 0.34 0.00	15.08 0.34 0.00	13.17 0.32 0.00	14.25 0.32 0.00	11.95 0.27 0.00	14.61 0.33 0.00	14.60 0.33 0.00	14.92 0.33 0.00	15.48 0.35 0.00	16.14 0.35 0.00	18.39 0.43 0.00	29.24 0.68 0.00	31.61 0.76 0.00	31.28 0.78 0.00	29.80 0.70 0.00	22.99 0.52 0.00	24.64 0.53 0.00	18.68 0.33 0.00
GILBOA___2 23757	17.12 0.42 0.00	17.20 0.46 0.00	15.65 0.48 0.00	14.69 0.49 0.00	14.93 0.45 0.00	17.05 0.48 0.00	14.44 0.34 0.00	15.08 0.34 0.00	13.17 0.32 0.00	14.25 0.32 0.00	11.95 0.27 0.00	14.61 0.33 0.00	14.60 0.33 0.00	14.92 0.33 0.00	15.48 0.35 0.00	16.14 0.35 0.00	18.39 0.43 0.00	29.24 0.68 0.00	31.61 0.76 0.00	31.28 0.78 0.00	29.80 0.70 0.00	22.99 0.52 0.00	24.64 0.53 0.00	18.68 0.33 0.00

GILBOA___3 23758	17.12 0.42 0.00	17.20 0.46 0.00	15.65 0.48 0.00	14.69 0.49 0.00	14.93 0.45 0.00	17.05 0.48 0.00	14.44 0.34 0.00	15.08 0.34 0.00	13.17 0.32 0.00	14.25 0.32 0.00	11.95 0.27 0.00	14.61 0.33 0.00	14.60 0.33 0.00	14.92 0.33 0.00	15.48 0.35 0.00	16.14 0.35 0.00	18.39 0.43 0.00	29.24 0.68 0.00	31.61 0.76 0.00	31.28 0.78 0.00	29.80 0.70 0.00	22.99 0.52 0.00	24.64 0.53 0.00	18.68 0.33 0.00
GILBOA___4 23759	17.12 0.42 0.00	17.20 0.46 0.00	15.65 0.48 0.00	14.69 0.49 0.00	14.93 0.45 0.00	17.05 0.48 0.00	14.44 0.34 0.00	15.08 0.34 0.00	13.17 0.32 0.00	14.25 0.32 0.00	11.95 0.27 0.00	14.61 0.33 0.00	14.60 0.33 0.00	14.92 0.33 0.00	15.48 0.35 0.00	16.14 0.35 0.00	18.39 0.43 0.00	29.24 0.68 0.00	31.61 0.76 0.00	31.28 0.78 0.00	29.80 0.70 0.00	22.99 0.52 0.00	24.64 0.53 0.00	18.68 0.33 0.00
GILBOA___ 23599	17.12 0.42 0.00	17.20 0.46 0.00	15.65 0.48 0.00	14.69 0.49 0.00	14.93 0.45 0.00	17.05 0.48 0.00	14.44 0.34 0.00	15.08 0.34 0.00	13.17 0.32 0.00	14.25 0.32 0.00	11.95 0.27 0.00	14.61 0.33 0.00	14.60 0.33 0.00	14.92 0.33 0.00	15.48 0.35 0.00	16.14 0.35 0.00	18.39 0.43 0.00	29.24 0.68 0.00	31.61 0.75 0.00	31.28 0.78 0.00	29.80 0.70 0.00	22.99 0.52 0.00	24.64 0.53 0.00	18.68 0.33 0.00
GINNA___ 23603	15.55 -1.16 0.00	15.52 -1.23 0.00	14.03 -1.14 0.00	13.15 -1.05 0.00	13.41 -1.06 0.00	15.39 -1.18 0.00	13.04 -1.06 0.00	13.71 -1.03 0.00	11.86 -0.99 0.00	12.99 -0.95 0.00	10.98 -0.71 0.00	13.60 -0.67 0.00	13.65 -0.63 0.00	13.96 -0.63 0.00	14.47 -0.66 0.00	15.10 -0.69 0.00	17.04 -0.92 0.00	26.94 -1.62 0.00	29.09 -1.76 0.00	28.79 -1.71 0.00	27.53 -1.57 0.00	21.26 -1.21 0.00	22.93 -1.18 0.00	17.54 -0.81 0.00
GLEN PARK___ 23778	16.27 -0.44 0.00	16.49 -0.26 0.00	14.70 -0.47 0.00	13.89 -0.31 0.00	14.20 -0.27 0.00	16.35 -0.22 0.00	13.89 -0.21 0.00	14.41 -0.33 0.00	12.53 -0.32 0.00	13.36 -0.58 0.00	11.02 -0.66 0.00	13.41 -0.87 0.00	13.41 -0.86 0.00	14.09 -0.50 0.00	14.62 -0.52 0.00	15.37 -0.42 0.00	17.62 -0.34 0.00	27.99 -0.57 0.00	30.22 -0.63 0.00	30.04 -0.46 0.00	28.90 -0.20 0.00	22.65 0.18 0.00	24.40 0.29 0.00	18.56 0.21 0.00
GLENDALE_27_KV_LOAD 356172	17.73 1.02 0.00	17.83 1.09 0.00	16.20 1.03 0.00	15.21 1.01 0.00	15.40 0.92 0.00	17.56 0.99 0.00	15.08 0.97 0.00	15.76 1.02 0.00	13.82 0.96 0.00	14.94 1.00 0.00	12.55 0.87 0.00	15.30 1.02 0.00	15.32 1.04 0.00	15.57 0.98 0.00	16.17 1.04 0.00	16.89 1.09 0.00	19.27 1.31 0.00	30.54 1.98 0.00	33.01 2.16 0.00	32.68 2.18 0.00	31.14 2.03 0.00	24.03 1.56 0.00	25.70 1.58 0.00	19.39 1.05 0.00
GLENWOOD_IC_1_G5 23712	17.77 1.06 0.00	17.89 1.15 0.00	16.23 1.06 0.00	15.19 1.00 0.00	15.39 0.92 0.00	17.53 0.96 0.00	15.01 0.91 0.00	15.70 0.96 0.00	13.75 0.89 0.00	14.94 1.00 0.00	12.60 0.92 0.00	15.30 1.03 0.00	15.26 0.98 0.00	15.48 0.89 0.00	16.09 0.96 0.00	16.87 1.07 0.00	19.36 1.40 0.00	30.77 2.21 0.00	33.18 2.33 0.00	32.83 2.33 0.00	30.94 1.84 0.00	23.89 1.43 0.00	25.52 1.41 0.00	19.27 0.92 0.00
GLENWOOD_IC_2_G1 23688	17.73 1.03 0.00	17.86 1.11 0.00	16.20 1.03 0.00	15.17 0.97 0.00	15.37 0.90 0.00	17.51 0.94 0.00	14.99 0.88 0.00	15.68 0.94 0.00	13.73 0.87 0.00	14.91 0.98 0.00	12.57 0.89 0.00	15.27 0.99 0.00	15.23 0.96 0.00	15.46 0.87 0.00	16.06 0.93 0.00	16.83 1.04 0.00	19.31 1.35 0.00	30.69 2.12 0.00	33.11 2.25 0.00	32.75 2.25 0.00	30.86 1.76 0.00	23.82 1.35 0.00	25.45 1.34 0.00	19.22 0.87 0.00
GLENWOOD_IC_3_G1 23689	17.73 1.03 0.00	17.86 1.11 0.00	16.20 1.03 0.00	15.17 0.97 0.00	15.37 0.90 0.00	17.51 0.94 0.00	14.99 0.88 0.00	15.68 0.94 0.00	13.73 0.87 0.00	14.91 0.98 0.00	12.57 0.89 0.00	15.27 0.99 0.00	15.23 0.96 0.00	15.46 0.87 0.00	16.06 0.93 0.00	16.83 1.04 0.00	19.31 1.35 0.00	30.69 2.12 0.00	33.11 2.25 0.00	32.75 2.25 0.00	30.86 1.76 0.00	23.82 1.35 0.00	25.45 1.34 0.00	19.22 0.87 0.00
GLENWOOD___4 23550	17.77 1.06 0.00	17.89 1.15 0.00	16.23 1.06 0.00	15.19 1.00 0.00	15.39 0.92 0.00	17.53 0.96 0.00	15.01 0.91 0.00	15.70 0.96 0.00	13.75 0.89 0.00	14.94 1.00 0.00	12.60 0.92 0.00	15.30 1.03 0.00	15.26 0.98 0.00	15.48 0.89 0.00	16.09 0.96 0.00	16.87 1.07 0.00	19.36 1.40 0.00	30.77 2.21 0.00	33.18 2.33 0.00	32.83 2.33 0.00	30.94 1.84 0.00	23.89 1.43 0.00	25.52 1.41 0.00	19.27 0.92 0.00
GLENWOOD___5 23614	17.77 1.06 0.00	17.89 1.15 0.00	16.23 1.06 0.00	15.19 1.00 0.00	15.39 0.92 0.00	17.53 0.96 0.00	15.01 0.91 0.00	15.70 0.96 0.00	13.75 0.89 0.00	14.94 1.00 0.00	12.60 0.92 0.00	15.30 1.03 0.00	15.26 0.98 0.00	15.48 0.89 0.00	16.09 0.96 0.00	16.87 1.07 0.00	19.36 1.40 0.00	30.77 2.21 0.00	33.18 2.33 0.00	32.83 2.33 0.00	30.94 1.84 0.00	23.89 1.43 0.00	25.52 1.41 0.00	19.27 0.92 0.00
GLOBAL GREEN_PORT_GT1 23814	17.74 1.03 0.00	17.98 1.24 0.00	16.42 1.25 0.00	15.39 1.19 0.00	15.71 1.24 0.00	17.81 1.24 0.00	15.22 1.12 0.00	15.89 1.15 0.00	13.88 1.03 0.00	15.11 1.17 0.00	12.71 1.03 0.00	15.31 1.04 0.00	15.18 0.90 0.00	15.31 0.72 0.00	15.86 0.73 0.00	16.73 0.94 0.00	19.49 1.53 0.00	31.39 2.83 0.00	33.81 2.96 0.00	33.58 3.07 0.00	31.17 2.07 0.00	24.07 1.60 0.00	25.50 1.38 0.00	19.27 0.92 0.00
GLOBE___DSASP 323697	15.59 -1.12 0.00	15.48 -1.26 0.00	14.01 -1.16 0.00	13.14 -1.06 0.00	13.41 -1.06 0.00	15.42 -1.15 0.00	13.00 -1.10 0.00	13.79 -0.95 0.00	11.82 -1.03 0.00	13.03 -0.91 0.00	11.08 -0.60 0.00	13.88 -0.40 0.00	13.88 -0.40 0.00	14.22 -0.37 0.00	14.73 -0.40 0.00	15.37 -0.42 0.00	17.18 -0.78 0.00	27.07 -1.49 0.00	29.18 -1.67 0.00	28.92 -1.58 0.00	27.71 -1.40 0.00	21.52 -0.95 0.00	23.51 -0.61 0.00	18.13 -0.22 0.00
GOETHSLN___LBMP 323567	17.60 0.89 0.00	17.70 0.96 0.00	16.08 0.91 0.00	15.10 0.91 0.00	15.29 0.82 0.00	17.45 0.87 0.00	14.96 0.86 0.00	15.64 0.90 0.00	13.71 0.86 0.00	14.82 0.88 0.00	12.44 0.76 0.00	15.17 0.90 0.00	15.19 0.92 0.00	15.45 0.86 0.00	16.05 0.92 0.00	16.77 0.97 0.00	19.13 1.17 0.00	30.34 1.78 0.00	32.78 1.93 0.00	32.44 1.94 0.00	30.86 1.76 0.00	23.81 1.34 0.00	25.48 1.37 0.00	19.23 0.89 0.00
GOLAH___69_KV_TB 1_2 80279	16.31 -0.40 0.00	16.24 -0.50 0.00	14.70 -0.48 0.00	13.77 -0.43 0.00	14.05 -0.43 0.00	16.13 -0.44 0.00	13.65 -0.45 0.00	14.39 -0.36 0.00	12.39 -0.47 0.00	13.60 -0.34 0.00	11.54 -0.14 0.00	14.35 0.07 0.00	14.39 0.11 0.00	14.71 0.12 0.00	15.25 0.11 0.00	15.92 0.13 0.00	17.91 -0.04 0.00	28.31 -0.25 0.00	30.56 -0.29 0.00	30.29 -0.21 0.00	28.98 -0.12 0.00	22.41 -0.06 0.00	24.26 0.15 0.00	18.57 0.23 0.00

GOODYEAR_LAKE_HYD 323669	17.32 0.61 0.00	17.35 0.61 0.00	15.75 0.58 0.00	14.75 0.56 0.00	15.01 0.54 0.00	17.22 0.65 0.00	14.63 0.52 0.00	15.33 0.58 0.00	13.36 0.50 0.00	14.46 0.52 0.00	12.15 0.47 0.00	14.92 0.65 0.00	14.96 0.68 0.00	15.29 0.70 0.00	15.87 0.74 0.00	16.56 0.77 0.00	18.86 0.90 0.00	29.92 1.36 0.00	32.24 1.39 0.00	31.92 1.41 0.00	30.43 1.32 0.00	23.45 0.98 0.00	25.16 1.05 0.00	19.12 0.77 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	16.77 0.06 0.00	16.81 0.07 0.00	15.23 0.06 0.00	14.27 0.07 0.00	14.53 0.06 0.00	16.66 0.09 0.00	14.14 0.04 0.00	14.82 0.07 0.00	12.89 0.04 0.00	13.97 0.04 0.00	11.77 0.09 0.00	14.51 0.24 0.00	14.55 0.27 0.00	14.86 0.27 0.00	15.44 0.30 0.00	16.09 0.30 0.00	18.28 0.33 0.00	28.92 0.36 0.00	31.15 0.30 0.00	30.81 0.30 0.00	29.40 0.29 0.00	22.68 0.21 0.00	24.52 0.41 0.00	18.59 0.24 0.00
GOUDEY___7 23579	16.79 0.08 0.00	16.82 0.08 0.00	15.24 0.07 0.00	14.28 0.08 0.00	14.54 0.07 0.00	16.67 0.10 0.00	14.15 0.05 0.00	14.83 0.08 0.00	12.90 0.04 0.00	13.98 0.05 0.00	11.78 0.10 0.00	14.53 0.25 0.00	14.57 0.29 0.00	14.88 0.29 0.00	15.45 0.32 0.00	16.11 0.32 0.00	18.30 0.34 0.00	28.95 0.38 0.00	31.18 0.33 0.00	30.83 0.33 0.00	29.42 0.32 0.00	22.70 0.24 0.00	24.54 0.43 0.00	18.60 0.26 0.00
GOUDEY___8 23580	16.77 0.06 0.00	16.81 0.07 0.00	15.23 0.06 0.00	14.27 0.07 0.00	14.53 0.06 0.00	16.66 0.09 0.00	14.14 0.04 0.00	14.82 0.07 0.00	12.89 0.04 0.00	13.97 0.04 0.00	11.77 0.09 0.00	14.51 0.24 0.00	14.55 0.27 0.00	14.86 0.27 0.00	15.44 0.30 0.00	16.09 0.30 0.00	18.28 0.33 0.00	28.92 0.36 0.00	31.15 0.30 0.00	30.81 0.30 0.00	29.40 0.29 0.00	22.68 0.21 0.00	24.52 0.41 0.00	18.59 0.24 0.00
GOWANUS_GT1_1 24077	17.70 1.00 0.00	17.81 1.07 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.50 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.66 1.55 0.00	19.38 1.03 0.00
GOWANUS_GT1_2 24078	17.70 1.00 0.00	17.81 1.07 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.50 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.66 1.55 0.00	19.38 1.03 0.00
GOWANUS_GT1_3 24079	17.70 1.00 0.00	17.81 1.07 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.50 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.66 1.55 0.00	19.38 1.03 0.00
GOWANUS_GT1_4 24080	17.70 1.00 0.00	17.81 1.07 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.50 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.66 1.55 0.00	19.38 1.03 0.00
GOWANUS_GT1_5 24084	17.70 1.00 0.00	17.81 1.07 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.50 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.66 1.55 0.00	19.38 1.03 0.00
GOWANUS_GT1_6 24111	17.70 1.00 0.00	17.81 1.07 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.50 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.66 1.55 0.00	19.38 1.03 0.00
GOWANUS_GT1_7 24112	17.70 1.00 0.00	17.81 1.07 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.50 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.66 1.55 0.00	19.38 1.03 0.00
GOWANUS_GT1_8 24113	17.70 1.00 0.00	17.81 1.07 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.50 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.66 1.55 0.00	19.38 1.03 0.00
GOWANUS_GT2_1 24114	17.70 0.99 0.00	17.81 1.06 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.51 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.67 1.55 0.00	19.38 1.03 0.00
GOWANUS_GT2_2 24115	17.70 0.99 0.00	17.81 1.06 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.51 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.67 1.55 0.00	19.38 1.03 0.00
GOWANUS_GT2_3 24116	17.70 0.99 0.00	17.81 1.06 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.51 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.67 1.55 0.00	19.38 1.03 0.00

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GOWANUS_GT4_3 24132	17.70 1.00 0.00	17.81 1.07 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.50 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.66 1.55 0.00	19.38 1.03 0.00
GOWANUS_GT4_4 24133	17.70 1.00 0.00	17.81 1.07 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.50 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.66 1.55 0.00	19.38 1.03 0.00
GOWANUS_GT4_5 24134	17.70 1.00 0.00	17.81 1.07 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.50 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.66 1.55 0.00	19.38 1.03 0.00
GOWANUS_GT4_6 24135	17.70 1.00 0.00	17.81 1.07 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.50 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.66 1.55 0.00	19.38 1.03 0.00
GOWANUS_GT4_7 24136	17.70 1.00 0.00	17.81 1.07 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.50 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.66 1.55 0.00	19.38 1.03 0.00
GOWANUS_GT4_8 24137	17.70 1.00 0.00	17.81 1.07 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.50 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.66 1.55 0.00	19.38 1.03 0.00
GREENBSH_115KV_TB3 55895	16.81 0.10 0.00	16.94 0.20 0.00	15.41 0.23 0.00	14.47 0.27 0.00	14.70 0.23 0.00	16.76 0.19 0.00	14.29 0.19 0.00	14.88 0.14 0.00	13.01 0.16 0.00	14.06 0.12 0.00	11.75 0.07 0.00	14.35 0.08 0.00	14.34 0.07 0.00	14.63 0.04 0.00	15.19 0.06 0.00	15.87 0.08 0.00	18.09 0.13 0.00	28.75 0.18 0.00	31.11 0.25 0.00	30.77 0.26 0.00	29.31 0.21 0.00	22.60 0.13 0.00	24.20 0.08 0.00	18.35 0.00 0.00
GREENIDGE_115KV_TB5 80291	16.42 -0.29 0.00	16.41 -0.33 0.00	14.84 -0.33 0.00	13.91 -0.29 0.00	14.17 -0.30 0.00	16.27 -0.30 0.00	13.82 -0.28 0.00	14.54 -0.21 0.00	12.60 -0.26 0.00	13.67 -0.26 0.00	11.58 -0.09 0.00	14.37 0.09 0.00	14.44 0.16 0.00	14.76 0.17 0.00	15.31 0.18 0.00	15.97 0.18 0.00	18.15 0.19 0.00	28.55 -0.01 0.00	30.74 -0.11 0.00	30.40 -0.10 0.00	29.08 -0.02 0.00	22.57 0.10 0.00	24.38 0.27 0.00	18.58 0.23 0.00
GREENIDGE___3 23582	16.42 -0.29 0.00	16.41 -0.33 0.00	14.84 -0.33 0.00	13.91 -0.29 0.00	14.17 -0.30 0.00	16.27 -0.30 0.00	13.82 -0.28 0.00	14.54 -0.21 0.00	12.60 -0.26 0.00	13.67 -0.26 0.00	11.58 -0.09 0.00	14.37 0.09 0.00	14.44 0.16 0.00	14.76 0.17 0.00	15.31 0.18 0.00	15.97 0.18 0.00	18.15 0.19 0.00	28.55 -0.01 0.00	30.74 -0.11 0.00	30.40 -0.10 0.00	29.08 -0.02 0.00	22.57 0.10 0.00	24.38 0.27 0.00	18.58 0.23 0.00
GREENIDGE___4 23583	16.42 -0.29 0.00	16.42 -0.32 0.00	14.84 -0.33 0.00	13.91 -0.29 0.00	14.17 -0.30 0.00	16.27 -0.30 0.00	13.81 -0.28 0.00	14.53 -0.21 0.00	12.60 -0.26 0.00	13.67 -0.26 0.00	11.58 -0.09 0.00	14.37 0.09 0.00	14.44 0.16 0.00	14.76 0.17 0.00	15.31 0.18 0.00	15.97 0.18 0.00	18.15 0.19 0.00	28.56 0.00 0.00	30.74 -0.11 0.00	30.40 -0.10 0.00	29.08 -0.02 0.00	22.57 0.10 0.00	24.38 0.27 0.00	18.58 0.23 0.00
GREENLWN_69_KV_BK 3 55738	17.65 0.94 0.00	17.81 1.07 0.00	16.16 0.99 0.00	15.10 0.91 0.00	15.29 0.81 0.00	17.40 0.83 0.00	14.90 0.80 0.00	15.59 0.85 0.00	13.65 0.80 0.00	14.84 0.90 0.00	12.55 0.87 0.00	15.23 0.96 0.00	15.17 0.89 0.00	15.36 0.76 0.00	15.95 0.81 0.00	16.72 0.93 0.00	19.23 1.27 0.00	30.56 2.00 0.00	32.93 2.07 0.00	32.57 2.07 0.00	30.66 1.56 0.00	23.76 1.29 0.00	25.34 1.22 0.00	19.16 0.81 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	17.70 1.00 0.00	17.81 1.07 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.50 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.66 1.55 0.00	19.38 1.03 0.00
GRISSOM___SOLAR 323813	18.58 1.87 0.00	18.53 1.79 0.00	16.76 1.59 0.00	15.63 1.44 0.00	15.94 1.47 0.00	18.34 1.77 0.00	15.59 1.49 0.00	16.14 1.39 0.00	13.61 0.75 0.00	14.43 0.49 0.00	11.98 0.30 0.00	14.68 0.41 0.00	14.59 0.32 0.00	15.02 0.43 0.00	16.67 1.54 0.00	17.67 1.88 0.00	20.26 2.30 0.00	32.43 3.86 0.00	34.76 3.91 0.00	34.62 4.12 0.00	33.05 3.94 0.00	25.42 2.95 0.00	27.14 3.03 0.00	20.67 2.32 0.00
GROVEVILLE___HYD 323602	17.77 1.06 0.00	17.84 1.10 0.00	16.18 1.01 0.00	15.18 0.98 0.00	15.41 0.93 0.00	17.59 1.02 0.00	15.05 0.95 0.00	15.73 0.99 0.00	13.75 0.90 0.00	14.87 0.93 0.00	12.45 0.77 0.00	15.20 0.93 0.00	15.20 0.93 0.00	15.47 0.87 0.00	16.10 0.97 0.00	16.87 1.08 0.00	19.27 1.31 0.00	30.67 2.11 0.00	33.15 2.29 0.00	32.85 2.35 0.00	31.25 2.14 0.00	24.06 1.59 0.00	25.75 1.64 0.00	19.42 1.07 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	16.55 -0.16 0.00	16.58 -0.16 0.00	15.02 -0.15 0.00	14.07 -0.12 0.00	14.34 -0.14 0.00	16.42 -0.16 0.00	13.95 -0.15 0.00	14.61 -0.13 0.00	12.71 -0.14 0.00	13.79 -0.14 0.00	11.59 -0.09 0.00	14.24 -0.04 0.00	14.28 0.00 0.00	14.60 0.01 0.00	15.16 0.03 0.00	15.81 0.02 0.00	17.94 -0.01 0.00	28.42 -0.15 0.00	30.64 -0.21 0.00	30.34 -0.16 0.00	28.97 -0.14 0.00	22.35 -0.11 0.00	24.01 -0.10 0.00	18.28 -0.06 0.00

HAMLTNNY_34_KV_TB 80303	16.52 -0.19 0.00	16.54 -0.20 0.00	14.99 -0.18 0.00	14.04 -0.15 0.00	14.31 -0.17 0.00	16.37 -0.20 0.00	13.93 -0.18 0.00	14.59 -0.15 0.00	12.69 -0.16 0.00	13.77 -0.17 0.00	11.58 -0.10 0.00	14.23 -0.04 0.00	14.28 0.00 0.00	14.61 0.02 0.00	15.16 0.03 0.00	15.81 0.02 0.00	17.94 -0.02 0.00	28.40 -0.16 0.00	30.60 -0.25 0.00	30.33 -0.18 0.00	28.95 -0.15 0.00	22.34 -0.13 0.00	23.99 -0.12 0.00	18.27 -0.07 0.00
HAMPSHIRE___PAPER_HYD 323593	16.20 -0.51 0.00	16.33 -0.41 0.00	14.65 -0.52 0.00	13.75 -0.45 0.00	14.03 -0.44 0.00	16.15 -0.43 0.00	13.76 -0.34 0.00	14.32 -0.42 0.00	12.47 -0.39 0.00	13.45 -0.48 0.00	11.18 -0.50 0.00	13.59 -0.69 0.00	13.57 -0.71 0.00	14.02 -0.57 0.00	14.53 -0.60 0.00	15.22 -0.58 0.00	17.36 -0.60 0.00	27.71 -0.85 0.00	29.92 -0.93 0.00	29.69 -0.81 0.00	28.47 -0.63 0.00	22.15 -0.32 0.00	23.79 -0.32 0.00	18.17 -0.18 0.00
HARDSCRABBLE_WT_PWR 323673	16.74 0.03 0.00	16.81 0.07 0.00	15.29 0.12 0.00	14.35 0.16 0.00	14.60 0.13 0.00	16.71 0.13 0.00	14.19 0.09 0.00	14.74 0.00 0.00	12.81 -0.04 0.00	13.81 -0.13 0.00	11.52 -0.16 0.00	14.08 -0.20 0.00	14.03 -0.25 0.00	14.30 -0.29 0.00	15.05 -0.08 0.00	15.74 -0.05 0.00	17.98 0.02 0.00	28.72 0.15 0.00	30.98 0.13 0.00	30.61 0.10 0.00	29.17 0.06 0.00	22.47 0.00 0.00	23.99 -0.12 0.00	18.13 -0.22 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	17.57 0.86 0.00	17.65 0.91 0.00	16.01 0.84 0.00	15.02 0.82 0.00	15.23 0.76 0.00	17.40 0.82 0.00	14.88 0.78 0.00	15.56 0.81 0.00	13.59 0.74 0.00	14.69 0.76 0.00	12.31 0.63 0.00	15.05 0.77 0.00	15.08 0.80 0.00	15.34 0.75 0.00	15.95 0.82 0.00	16.69 0.90 0.00	19.05 1.09 0.00	30.29 1.72 0.00	32.72 1.87 0.00	32.44 1.93 0.00	30.85 1.74 0.00	23.76 1.29 0.00	25.46 1.35 0.00	19.22 0.87 0.00
HARSNRAD_115KV_TB1 81005	15.82 -0.89 0.00	15.71 -1.03 0.00	14.22 -0.96 0.00	13.33 -0.87 0.00	13.61 -0.86 0.00	15.65 -0.93 0.00	13.20 -0.90 0.00	14.00 -0.74 0.00	12.01 -0.85 0.00	13.23 -0.71 0.00	11.26 -0.42 0.00	14.10 -0.17 0.00	14.11 -0.17 0.00	14.45 -0.14 0.00	14.97 -0.17 0.00	15.62 -0.18 0.00	17.48 -0.48 0.00	27.55 -1.01 0.00	29.72 -1.13 0.00	29.47 -1.03 0.00	28.24 -0.87 0.00	21.92 -0.55 0.00	23.94 -0.17 0.00	18.44 0.09 0.00
HARZA MOOSE___RIVER 24016	16.53 -0.18 0.00	16.70 -0.05 0.00	15.01 -0.16 0.00	14.11 -0.09 0.00	14.39 -0.08 0.00	16.50 -0.07 0.00	14.05 -0.06 0.00	14.64 -0.11 0.00	12.74 -0.12 0.00	13.73 -0.20 0.00	11.42 -0.26 0.00	13.95 -0.33 0.00	13.93 -0.35 0.00	14.39 -0.20 0.00	15.02 -0.11 0.00	15.74 -0.05 0.00	17.92 -0.03 0.00	28.43 -0.13 0.00	30.67 -0.18 0.00	30.48 -0.02 0.00	29.21 0.11 0.00	22.74 0.27 0.00	24.46 0.34 0.00	18.59 0.25 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	16.51 -0.20 0.00	16.54 -0.21 0.00	14.98 -0.19 0.00	14.03 -0.17 0.00	14.30 -0.17 0.00	16.38 -0.19 0.00	13.92 -0.18 0.00	14.57 -0.17 0.00	12.67 -0.18 0.00	13.75 -0.18 0.00	11.56 -0.12 0.00	14.21 -0.07 0.00	14.24 -0.04 0.00	14.57 -0.02 0.00	15.12 -0.01 0.00	15.78 -0.01 0.00	17.90 -0.06 0.00	28.35 -0.21 0.00	30.60 -0.25 0.00	30.27 -0.23 0.00	28.89 -0.21 0.00	22.30 -0.17 0.00	23.98 -0.13 0.00	18.24 -0.11 0.00
HELLGATE_13_KV_LD 55870	17.65 0.95 0.00	17.77 1.03 0.00	16.15 0.98 0.00	15.16 0.96 0.00	15.35 0.88 0.00	17.50 0.93 0.00	15.03 0.93 0.00	15.70 0.96 0.00	13.77 0.92 0.00	14.88 0.94 0.00	12.51 0.82 0.00	15.24 0.97 0.00	15.26 0.98 0.00	15.51 0.92 0.00	16.10 0.97 0.00	16.81 1.02 0.00	19.18 1.22 0.00	30.40 1.84 0.00	32.85 2.00 0.00	32.53 2.03 0.00	30.99 1.89 0.00	23.91 1.44 0.00	25.57 1.46 0.00	19.31 0.97 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	17.65 0.95 0.00	17.77 1.03 0.00	16.15 0.98 0.00	15.16 0.96 0.00	15.35 0.88 0.00	17.50 0.93 0.00	15.03 0.93 0.00	15.70 0.96 0.00	13.77 0.92 0.00	14.88 0.94 0.00	12.51 0.82 0.00	15.24 0.97 0.00	15.26 0.98 0.00	15.51 0.92 0.00	16.10 0.97 0.00	16.81 1.02 0.00	19.18 1.22 0.00	30.40 1.84 0.00	32.85 2.00 0.00	32.53 2.03 0.00	30.99 1.89 0.00	23.91 1.44 0.00	25.57 1.46 0.00	19.31 0.97 0.00
HEMPSTEAD____ 23647	17.69 0.98 0.00	17.81 1.07 0.00	16.16 0.99 0.00	15.13 0.93 0.00	15.33 0.85 0.00	17.45 0.88 0.00	14.95 0.84 0.00	15.63 0.89 0.00	13.68 0.83 0.00	14.87 0.93 0.00	12.54 0.86 0.00	15.23 0.95 0.00	15.18 0.90 0.00	15.40 0.80 0.00	16.00 0.87 0.00	16.77 0.98 0.00	19.26 1.30 0.00	30.62 2.06 0.00	33.02 2.17 0.00	32.67 2.17 0.00	30.80 1.69 0.00	23.80 1.33 0.00	25.38 1.27 0.00	19.18 0.83 0.00
HEWLETT_69_KV_BK3 55828	17.81 1.10 0.00	17.92 1.18 0.00	16.25 1.08 0.00	15.23 1.03 0.00	15.42 0.95 0.00	17.57 1.00 0.00	15.03 0.93 0.00	15.71 0.97 0.00	13.76 0.90 0.00	14.95 1.02 0.00	12.61 0.93 0.00	15.32 1.04 0.00	15.28 1.01 0.00	15.50 0.91 0.00	16.11 0.98 0.00	16.90 1.11 0.00	19.41 1.45 0.00	30.84 2.27 0.00	33.25 2.40 0.00	32.88 2.37 0.00	31.00 1.90 0.00	23.95 1.48 0.00	25.55 1.44 0.00	19.31 0.97 0.00
HICKLING___1 23621	16.47 -0.23 0.00	16.49 -0.25 0.00	14.91 -0.26 0.00	13.97 -0.23 0.00	14.23 -0.25 0.00	16.35 -0.23 0.00	13.87 -0.23 0.00	14.58 -0.16 0.00	12.66 -0.20 0.00	13.76 -0.17 0.00	11.66 -0.02 0.00	14.49 0.22 0.00	14.56 0.29 0.00	14.87 0.28 0.00	15.41 0.28 0.00	16.09 0.30 0.00	18.27 0.32 0.00	28.83 0.27 0.00	30.97 0.12 0.00	30.64 0.13 0.00	29.29 0.19 0.00	22.62 0.15 0.00	24.60 0.49 0.00	18.67 0.32 0.00
HICKLING___2 23622	16.47 -0.23 0.00	16.49 -0.25 0.00	14.91 -0.26 0.00	13.97 -0.23 0.00	14.23 -0.25 0.00	16.35 -0.23 0.00	13.87 -0.23 0.00	14.58 -0.16 0.00	12.66 -0.20 0.00	13.76 -0.17 0.00	11.66 -0.02 0.00	14.49 0.22 0.00	14.56 0.29 0.00	14.87 0.28 0.00	15.41 0.28 0.00	16.09 0.30 0.00	18.27 0.32 0.00	28.83 0.27 0.00	30.97 0.12 0.00	30.64 0.13 0.00	29.29 0.19 0.00	22.62 0.15 0.00	24.60 0.49 0.00	18.67 0.32 0.00
HIGH FALLS___HY 23754	17.66 0.95 0.00	17.70 0.96 0.00	16.05 0.88 0.00	15.05 0.85 0.00	15.26 0.79 0.00	17.45 0.88 0.00	14.92 0.82 0.00	15.62 0.87 0.00	13.62 0.76 0.00	14.69 0.76 0.00	12.29 0.61 0.00	15.07 0.79 0.00	15.03 0.75 0.00	15.28 0.69 0.00	15.86 0.73 0.00	16.62 0.83 0.00	19.08 1.12 0.00	30.40 1.84 0.00	32.87 2.02 0.00	32.61 2.11 0.00	31.05 1.94 0.00	23.91 1.44 0.00	25.60 1.49 0.00	19.28 0.94 0.00
HILLBURN___GT 23639	17.55 0.84 0.00	17.63 0.89 0.00	16.00 0.83 0.00	15.01 0.81 0.00	15.22 0.75 0.00	17.38 0.80 0.00	14.88 0.78 0.00	15.55 0.81 0.00	13.59 0.74 0.00	14.69 0.76 0.00	12.32 0.64 0.00	15.05 0.77 0.00	15.08 0.80 0.00	15.35 0.76 0.00	15.95 0.82 0.00	16.67 0.88 0.00	19.02 1.06 0.00	30.20 1.64 0.00	32.63 1.77 0.00	32.35 1.84 0.00	30.75 1.64 0.00	23.70 1.23 0.00	25.41 1.30 0.00	19.18 0.83 0.00

HILLSIDE_115KV_TB1 80332	16.46 -0.24 0.00	16.51 -0.24 0.00	14.92 -0.25 0.00	13.98 -0.21 0.00	14.24 -0.24 0.00	16.35 -0.23 0.00	13.87 -0.23 0.00	14.55 -0.19 0.00	12.64 -0.22 0.00	13.71 -0.22 0.00	11.61 -0.07 0.00	14.40 0.12 0.00	14.46 0.19 0.00	14.75 0.16 0.00	15.32 0.19 0.00	15.96 0.17 0.00	18.14 0.18 0.00	28.58 0.02 0.00	30.70 -0.15 0.00	30.33 -0.18 0.00	28.98 -0.13 0.00	22.39 -0.08 0.00	24.36 0.24 0.00	18.44 0.09 0.00
HISHELDN_WT_PWR 323625	15.77 -0.94 0.00	15.69 -1.05 0.00	14.18 -1.00 0.00	13.31 -0.88 0.00	13.58 -0.89 0.00	15.63 -0.94 0.00	13.25 -0.85 0.00	14.04 -0.71 0.00	12.13 -0.73 0.00	13.34 -0.59 0.00	11.35 -0.33 0.00	14.18 -0.10 0.00	14.19 -0.09 0.00	14.55 -0.04 0.00	15.05 -0.09 0.00	15.72 -0.07 0.00	17.69 -0.27 0.00	27.90 -0.66 0.00	30.09 -0.76 0.00	29.88 -0.62 0.00	28.66 -0.45 0.00	22.20 -0.27 0.00	24.21 0.10 0.00	18.61 0.26 0.00
HOLTSVILLE_IC_1 23690	17.73 1.03 0.00	17.93 1.19 0.00	16.27 1.10 0.00	15.21 1.01 0.00	15.42 0.95 0.00	17.54 0.97 0.00	15.02 0.92 0.00	15.72 0.98 0.00	13.76 0.90 0.00	14.96 1.03 0.00	12.64 0.96 0.00	15.30 1.02 0.00	15.21 0.93 0.00	15.37 0.78 0.00	15.94 0.81 0.00	16.74 0.95 0.00	19.33 1.37 0.00	30.82 2.25 0.00	33.23 2.37 0.00	32.91 2.40 0.00	30.87 1.76 0.00	23.91 1.45 0.00	25.46 1.35 0.00	19.26 0.91 0.00
HOLTSVILLE_IC_10 23699	17.78 1.07 0.00	17.98 1.24 0.00	16.32 1.15 0.00	15.25 1.05 0.00	15.47 1.00 0.00	17.60 1.03 0.00	15.07 0.97 0.00	15.77 1.02 0.00	13.80 0.95 0.00	15.01 1.07 0.00	12.68 0.99 0.00	15.34 1.07 0.00	15.25 0.97 0.00	15.40 0.81 0.00	15.96 0.83 0.00	16.77 0.98 0.00	19.38 1.42 0.00	30.93 2.37 0.00	33.37 2.52 0.00	33.06 2.55 0.00	30.99 1.88 0.00	24.00 1.53 0.00	25.54 1.43 0.00	19.32 0.98 0.00
HOLTSVILLE_IC_2 23691	17.73 1.03 0.00	17.93 1.19 0.00	16.27 1.10 0.00	15.21 1.01 0.00	15.42 0.95 0.00	17.54 0.97 0.00	15.02 0.92 0.00	15.72 0.98 0.00	13.76 0.90 0.00	14.96 1.03 0.00	12.64 0.96 0.00	15.30 1.02 0.00	15.21 0.93 0.00	15.37 0.78 0.00	15.94 0.81 0.00	16.74 0.95 0.00	19.33 1.37 0.00	30.82 2.25 0.00	33.23 2.37 0.00	32.91 2.40 0.00	30.87 1.76 0.00	23.91 1.45 0.00	25.46 1.35 0.00	19.26 0.91 0.00
HOLTSVILLE_IC_3 23692	17.73 1.03 0.00	17.93 1.19 0.00	16.27 1.10 0.00	15.21 1.01 0.00	15.42 0.95 0.00	17.54 0.97 0.00	15.02 0.92 0.00	15.72 0.98 0.00	13.76 0.90 0.00	14.96 1.03 0.00	12.64 0.96 0.00	15.30 1.02 0.00	15.21 0.93 0.00	15.37 0.78 0.00	15.94 0.81 0.00	16.74 0.95 0.00	19.33 1.37 0.00	30.82 2.25 0.00	33.23 2.37 0.00	32.91 2.40 0.00	30.87 1.76 0.00	23.91 1.45 0.00	25.46 1.35 0.00	19.26 0.91 0.00
HOLTSVILLE_IC_4 23693	17.73 1.03 0.00	17.93 1.19 0.00	16.27 1.10 0.00	15.21 1.01 0.00	15.42 0.95 0.00	17.54 0.97 0.00	15.02 0.92 0.00	15.72 0.98 0.00	13.76 0.90 0.00	14.96 1.03 0.00	12.64 0.96 0.00	15.30 1.02 0.00	15.21 0.93 0.00	15.37 0.78 0.00	15.94 0.81 0.00	16.74 0.95 0.00	19.33 1.37 0.00	30.82 2.25 0.00	33.23 2.37 0.00	32.91 2.40 0.00	30.87 1.76 0.00	23.91 1.45 0.00	25.46 1.35 0.00	19.26 0.91 0.00
HOLTSVILLE_IC_5 23694	17.73 1.03 0.00	17.93 1.19 0.00	16.27 1.10 0.00	15.21 1.01 0.00	15.42 0.95 0.00	17.54 0.97 0.00	15.02 0.92 0.00	15.72 0.98 0.00	13.76 0.90 0.00	14.96 1.03 0.00	12.64 0.96 0.00	15.30 1.02 0.00	15.21 0.93 0.00	15.37 0.78 0.00	15.94 0.81 0.00	16.74 0.95 0.00	19.33 1.37 0.00	30.82 2.25 0.00	33.23 2.37 0.00	32.91 2.40 0.00	30.87 1.76 0.00	23.91 1.45 0.00	25.46 1.35 0.00	19.26 0.91 0.00
HOLTSVILLE_IC_6 23695	17.78 1.07 0.00	17.98 1.24 0.00	16.32 1.15 0.00	15.25 1.05 0.00	15.47 1.00 0.00	17.60 1.03 0.00	15.07 0.97 0.00	15.77 1.02 0.00	13.80 0.95 0.00	15.01 1.07 0.00	12.68 0.99 0.00	15.34 1.07 0.00	15.25 0.97 0.00	15.40 0.81 0.00	15.96 0.83 0.00	16.77 0.98 0.00	19.38 1.42 0.00	30.93 2.37 0.00	33.37 2.52 0.00	33.06 2.55 0.00	30.99 1.88 0.00	24.00 1.53 0.00	25.54 1.43 0.00	19.32 0.98 0.00
HOLTSVILLE_IC_7 23696	17.78 1.07 0.00	17.98 1.24 0.00	16.32 1.15 0.00	15.25 1.05 0.00	15.47 1.00 0.00	17.60 1.03 0.00	15.07 0.97 0.00	15.77 1.02 0.00	13.80 0.95 0.00	15.01 1.07 0.00	12.68 0.99 0.00	15.34 1.07 0.00	15.25 0.97 0.00	15.40 0.81 0.00	15.96 0.83 0.00	16.77 0.98 0.00	19.38 1.42 0.00	30.93 2.37 0.00	33.37 2.52 0.00	33.06 2.55 0.00	30.99 1.88 0.00	24.00 1.53 0.00	25.54 1.43 0.00	19.32 0.98 0.00
HOLTSVILLE_IC_8 23697	17.78 1.07 0.00	17.98 1.24 0.00	16.32 1.15 0.00	15.25 1.05 0.00	15.47 1.00 0.00	17.60 1.03 0.00	15.07 0.97 0.00	15.77 1.02 0.00	13.80 0.95 0.00	15.01 1.07 0.00	12.68 0.99 0.00	15.34 1.07 0.00	15.25 0.97 0.00	15.40 0.81 0.00	15.96 0.83 0.00	16.77 0.98 0.00	19.38 1.42 0.00	30.93 2.37 0.00	33.37 2.52 0.00	33.06 2.55 0.00	30.99 1.88 0.00	24.00 1.53 0.00	25.54 1.43 0.00	19.32 0.98 0.00
HOLTSVILLE_IC_9 23698	17.78 1.07 0.00	17.98 1.24 0.00	16.32 1.15 0.00	15.25 1.05 0.00	15.47 1.00 0.00	17.60 1.03 0.00	15.07 0.97 0.00	15.77 1.02 0.00	13.80 0.95 0.00	15.01 1.07 0.00	12.68 0.99 0.00	15.34 1.07 0.00	15.25 0.97 0.00	15.40 0.81 0.00	15.96 0.83 0.00	16.77 0.98 0.00	19.38 1.42 0.00	30.93 2.37 0.00	33.37 2.52 0.00	33.06 2.55 0.00	30.99 1.88 0.00	24.00 1.53 0.00	25.54 1.43 0.00	19.32 0.98 0.00
HOMER_HL_115KV_TB2 355744	16.82 0.11 0.00	16.73 -0.01 0.00	15.12 -0.05 0.00	14.17 -0.03 0.00	14.43 -0.04 0.00	16.59 0.02 0.00	14.05 -0.05 0.00	14.77 0.02 0.00	12.75 -0.11 0.00	13.94 0.00 0.00	11.85 0.17 0.00	14.86 0.58 0.00	14.93 0.65 0.00	15.18 0.59 0.00	15.78 0.65 0.00	16.41 0.61 0.00	18.49 0.53 0.00	29.04 0.48 0.00	31.18 0.33 0.00	30.89 0.39 0.00	29.50 0.39 0.00	22.85 0.38 0.00	24.98 0.87 0.00	19.11 0.76 0.00
HOWARD_WT_PWR 323690	15.61 -1.10 0.00	15.57 -1.17 0.00	14.02 -1.15 0.00	13.13 -1.06 0.00	13.38 -1.09 0.00	15.39 -1.18 0.00	13.06 -1.04 0.00	13.85 -0.89 0.00	12.11 -0.75 0.00	13.32 -0.61 0.00	11.33 -0.35 0.00	14.11 -0.16 0.00	14.21 -0.07 0.00	14.60 0.01 0.00	15.11 -0.02 0.00	15.84 0.05 0.00	18.01 0.05 0.00	28.59 0.02 0.00	30.68 -0.17 0.00	30.44 -0.06 0.00	29.29 0.19 0.00	22.64 0.17 0.00	24.57 0.46 0.00	18.71 0.37 0.00
HQ_GEN_CEDARS 23644	16.66 -0.05 0.00	16.66 -0.09 0.00	15.05 -0.12 0.00	14.04 -0.16 0.00	14.34 -0.14 0.00	16.48 -0.09 0.00	14.05 -0.05 0.00	14.69 -0.06 0.00	12.80 -0.05 0.00	13.91 -0.03 0.00	11.63 -0.06 0.00	14.10 -0.18 0.00	14.09 -0.19 0.00	14.43 -0.16 0.00	14.87 -0.26 0.00	15.53 -0.26 0.00	17.69 -0.27 0.00	28.35 -0.21 0.00	30.63 -0.22 0.00	30.24 -0.27 0.00	28.91 -0.20 0.00	22.31 -0.16 0.00	23.93 -0.19 0.00	18.34 -0.01 0.00

HQ_GEN_CEDARS_PROXY 323590	16.66 -0.05 0.00	16.66 -0.09 0.00	15.05 -0.12 0.00	14.04 -0.16 0.00	14.34 -0.14 0.00	16.48 -0.09 0.00	14.05 -0.05 0.00	14.69 -0.06 0.00	12.80 -0.05 0.00	13.91 -0.03 0.00	11.63 -0.06 0.00	14.10 -0.18 0.00	14.09 -0.19 0.00	14.43 -0.16 0.00	14.87 -0.26 0.00	15.53 -0.26 0.00	17.69 -0.27 0.00	28.35 -0.21 0.00	30.63 -0.22 0.00	30.24 -0.26 0.00	28.74 -0.20 0.17	22.31 -0.16 0.00	23.93 -0.18 0.00	18.34 -0.01 0.00
HQ_GEN_IMPORT 323601	16.69 -0.02 0.00	16.69 -0.06 0.00	15.09 -0.08 0.00	14.09 -0.11 0.00	14.39 -0.08 0.00	16.52 -0.05 0.00	14.07 -0.04 0.00	14.71 -0.03 0.00	12.82 -0.03 0.00	13.92 -0.01 0.00	11.66 -0.02 0.00	14.19 -0.08 0.00	14.19 -0.09 0.00	14.59 -0.07 -0.07	15.01 -0.13 0.00	15.66 -0.13 0.00	17.82 -0.14 0.00	28.23 -0.13 0.20	30.71 -0.14 0.00	30.32 -0.18 0.00	28.96 -0.15 0.00	22.37 -0.10 0.00	24.00 -0.12 0.00	18.32 -0.03 0.00
HQ_GEN_WHEEL 23651	16.69 -0.02 0.00	16.69 -0.06 0.00	15.09 -0.08 0.00	14.09 -0.11 0.00	14.39 -0.08 0.00	16.52 -0.05 0.00	14.07 -0.04 0.00	14.71 -0.03 0.00	12.82 -0.03 0.00	13.92 -0.01 0.00	11.66 -0.02 0.00	14.19 -0.08 0.00	14.19 -0.09 0.00	14.59 -0.07 -0.07	15.01 -0.13 0.00	15.66 -0.13 0.00	17.82 -0.14 0.00	28.23 -0.13 0.20	30.71 -0.14 0.00	30.32 -0.18 0.00	28.96 -0.15 0.00	22.37 -0.10 0.00	24.00 -0.12 0.00	18.32 -0.03 0.00
HUDSON_AVE_GT_3 23810	17.69 0.98 0.00	17.79 1.05 0.00	16.15 0.98 0.00	15.17 0.97 0.00	15.36 0.89 0.00	17.53 0.95 0.00	15.03 0.93 0.00	15.71 0.97 0.00	13.78 0.92 0.00	14.89 0.96 0.00	12.52 0.84 0.00	15.26 0.99 0.00	15.28 1.00 0.00	15.53 0.94 0.00	16.13 1.00 0.00	16.85 1.06 0.00	19.23 1.27 0.00	30.51 1.95 0.00	32.96 2.11 0.00	32.62 2.12 0.00	31.05 1.94 0.00	23.95 1.48 0.00	25.62 1.51 0.00	19.34 0.99 0.00
HUDSON_AVE_GT_4 23540	17.69 0.98 0.00	17.79 1.05 0.00	16.15 0.98 0.00	15.17 0.97 0.00	15.36 0.89 0.00	17.53 0.95 0.00	15.03 0.93 0.00	15.71 0.97 0.00	13.78 0.92 0.00	14.89 0.96 0.00	12.52 0.84 0.00	15.26 0.99 0.00	15.28 1.00 0.00	15.53 0.94 0.00	16.13 1.00 0.00	16.85 1.06 0.00	19.23 1.27 0.00	30.51 1.95 0.00	32.96 2.11 0.00	32.62 2.12 0.00	31.05 1.94 0.00	23.95 1.48 0.00	25.62 1.51 0.00	19.34 0.99 0.00
HUDSON_AVE_GT_5 23657	17.69 0.98 0.00	17.79 1.05 0.00	16.15 0.98 0.00	15.17 0.97 0.00	15.36 0.89 0.00	17.53 0.95 0.00	15.03 0.93 0.00	15.71 0.97 0.00	13.78 0.92 0.00	14.89 0.96 0.00	12.52 0.84 0.00	15.26 0.99 0.00	15.28 1.00 0.00	15.53 0.94 0.00	16.13 1.00 0.00	16.85 1.06 0.00	19.23 1.27 0.00	30.51 1.95 0.00	32.96 2.11 0.00	32.62 2.12 0.00	31.05 1.94 0.00	23.95 1.48 0.00	25.62 1.51 0.00	19.34 0.99 0.00
HUDSON_AVE_10 24168	17.64 0.93 0.00	17.75 1.00 0.00	16.12 0.95 0.00	15.14 0.94 0.00	15.32 0.85 0.00	17.48 0.91 0.00	14.99 0.89 0.00	15.67 0.93 0.00	13.75 0.90 0.00	14.86 0.92 0.00	12.48 0.80 0.00	15.22 0.94 0.00	15.23 0.96 0.00	15.49 0.90 0.00	16.09 0.96 0.00	16.80 1.01 0.00	19.16 1.20 0.00	30.40 1.84 0.00	32.85 2.00 0.00	32.51 2.00 0.00	30.93 1.82 0.00	23.86 1.39 0.00	25.52 1.41 0.00	19.27 0.92 0.00
HUDSON___115KV_TB 4 355613	17.11 0.41 0.00	17.23 0.49 0.00	15.65 0.48 0.00	14.71 0.51 0.00	14.96 0.48 0.00	17.07 0.50 0.00	14.54 0.44 0.00	15.13 0.39 0.00	13.22 0.36 0.00	14.19 0.25 0.00	11.79 0.11 0.00	14.38 0.11 0.00	14.36 0.08 0.00	14.68 0.09 0.00	15.26 0.12 0.00	16.11 0.32 0.00	18.43 0.47 0.00	29.39 0.83 0.00	31.84 0.98 0.00	31.48 0.97 0.00	30.00 0.89 0.00	23.03 0.56 0.00	24.63 0.52 0.00	18.65 0.31 0.00
HUNTER MOUNT___DRP 323613	17.17 0.46 0.00	17.28 0.54 0.00	15.70 0.52 0.00	14.75 0.56 0.00	15.00 0.53 0.00	17.13 0.56 0.00	14.58 0.48 0.00	15.18 0.43 0.00	13.25 0.39 0.00	14.18 0.24 0.00	11.76 0.09 0.00	14.34 0.07 0.00	14.30 0.02 0.00	14.64 0.05 0.00	15.21 0.08 0.00	16.14 0.35 0.00	18.47 0.51 0.00	29.48 0.92 0.00	31.96 1.11 0.00	31.59 1.08 0.00	30.11 1.00 0.00	23.13 0.66 0.00	24.71 0.59 0.00	18.70 0.36 0.00
HUNTINGTON_RES_REC 323705	17.71 1.00 0.00	17.89 1.15 0.00	16.23 1.06 0.00	15.16 0.96 0.00	15.36 0.89 0.00	17.48 0.91 0.00	14.97 0.87 0.00	15.66 0.92 0.00	13.71 0.86 0.00	14.91 0.97 0.00	12.61 0.93 0.00	15.29 1.02 0.00	15.20 0.92 0.00	15.36 0.77 0.00	15.94 0.81 0.00	16.72 0.93 0.00	19.29 1.33 0.00	30.74 2.18 0.00	33.14 2.29 0.00	32.81 2.31 0.00	30.83 1.73 0.00	23.90 1.43 0.00	25.45 1.34 0.00	19.24 0.90 0.00
HUNTLEY___63 23557	15.95 -0.76 0.00	15.84 -0.90 0.00	14.33 -0.85 0.00	13.43 -0.77 0.00	13.71 -0.76 0.00	15.77 -0.80 0.00	13.31 -0.79 0.00	14.11 -0.63 0.00	12.11 -0.74 0.00	13.35 -0.59 0.00	11.36 -0.32 0.00	14.23 -0.05 0.00	14.24 -0.04 0.00	14.58 -0.01 0.00	15.10 -0.03 0.00	15.76 -0.03 0.00	17.64 -0.32 0.00	27.82 -0.75 0.00	30.00 -0.85 0.00	29.73 -0.78 0.00	28.50 -0.61 0.00	22.10 -0.37 0.00	24.15 0.03 0.00	18.58 0.23 0.00
HUNTLEY___64 23558	15.95 -0.76 0.00	15.84 -0.90 0.00	14.33 -0.85 0.00	13.43 -0.77 0.00	13.71 -0.76 0.00	15.77 -0.80 0.00	13.31 -0.79 0.00	14.11 -0.63 0.00	12.11 -0.74 0.00	13.35 -0.59 0.00	11.36 -0.32 0.00	14.23 -0.05 0.00	14.24 -0.04 0.00	14.58 -0.01 0.00	15.10 -0.03 0.00	15.76 -0.03 0.00	17.64 -0.32 0.00	27.82 -0.75 0.00	30.00 -0.85 0.00	29.73 -0.78 0.00	28.50 -0.61 0.00	22.10 -0.37 0.00	24.15 0.03 0.00	18.58 0.23 0.00
HUNTLEY___65 23559	15.95 -0.76 0.00	15.84 -0.90 0.00	14.33 -0.85 0.00	13.43 -0.77 0.00	13.71 -0.76 0.00	15.77 -0.80 0.00	13.31 -0.79 0.00	14.11 -0.63 0.00	12.11 -0.74 0.00	13.35 -0.59 0.00	11.36 -0.32 0.00	14.23 -0.05 0.00	14.24 -0.04 0.00	14.58 -0.01 0.00	15.10 -0.03 0.00	15.76 -0.03 0.00	17.64 -0.32 0.00	27.82 -0.75 0.00	30.00 -0.85 0.00	29.73 -0.78 0.00	28.50 -0.61 0.00	22.10 -0.37 0.00	24.15 0.03 0.00	18.58 0.23 0.00
HUNTLEY___66 23560	15.95 -0.76 0.00	15.84 -0.90 0.00	14.33 -0.85 0.00	13.43 -0.77 0.00	13.71 -0.76 0.00	15.77 -0.80 0.00	13.31 -0.79 0.00	14.11 -0.63 0.00	12.11 -0.74 0.00	13.35 -0.59 0.00	11.36 -0.32 0.00	14.23 -0.05 0.00	14.24 -0.04 0.00	14.58 -0.01 0.00	15.10 -0.03 0.00	15.76 -0.03 0.00	17.64 -0.32 0.00	27.82 -0.75 0.00	30.00 -0.85 0.00	29.73 -0.78 0.00	28.50 -0.61 0.00	22.10 -0.37 0.00	24.15 0.03 0.00	18.58 0.23 0.00
HUNTLEY___67 23561	15.89 -0.82 0.00	15.79 -0.96 0.00	14.28 -0.89 0.00	13.39 -0.81 0.00	13.66 -0.81 0.00	15.71 -0.86 0.00	13.28 -0.83 0.00	14.06 -0.68 0.00	12.08 -0.77 0.00	13.30 -0.64 0.00	11.32 -0.36 0.00	14.17 -0.10 0.00	14.19 -0.09 0.00	14.52 -0.07 0.00	15.05 -0.08 0.00	15.70 -0.10 0.00	17.58 -0.37 0.00	27.72 -0.84 0.00	29.88 -0.97 0.00	29.62 -0.89 0.00	28.38 -0.73 0.00	22.02 -0.45 0.00	24.03 -0.08 0.00	18.49 0.14 0.00

HUNTLEY___68 23562	15.89 -0.82 0.00	15.79 -0.96 0.00	14.28 -0.89 0.00	13.39 -0.81 0.00	13.66 -0.81 0.00	15.71 -0.86 0.00	13.28 -0.83 0.00	14.06 -0.68 0.00	12.08 -0.77 0.00	13.30 -0.64 0.00	11.32 -0.36 0.00	14.17 -0.10 0.00	14.19 -0.09 0.00	14.52 -0.07 0.00	15.05 -0.08 0.00	15.70 -0.10 0.00	17.58 -0.37 0.00	27.72 -0.84 0.00	29.88 -0.97 0.00	29.62 -0.89 0.00	28.38 -0.73 0.00	22.02 -0.45 0.00	24.03 -0.08 0.00	18.49 0.14 0.00
HYLAND___LFGE 323620	16.56 -0.14 0.00	16.50 -0.25 0.00	14.90 -0.28 0.00	13.96 -0.24 0.00	14.23 -0.24 0.00	16.37 -0.20 0.00	13.88 -0.22 0.00	14.56 -0.18 0.00	12.32 -0.54 0.00	13.55 -0.38 0.00	11.54 -0.14 0.00	14.38 0.10 0.00	14.45 0.17 0.00	14.80 0.21 0.00	15.26 0.13 0.00	15.99 0.20 0.00	18.19 0.24 0.00	28.82 0.26 0.00	31.32 0.47 0.00	31.20 0.69 0.00	30.09 0.98 0.00	23.23 0.76 0.00	25.14 1.03 0.00	19.19 0.84 0.00
INDECK___CORINTH 23802	17.12 0.41 0.00	17.15 0.41 0.00	15.52 0.35 0.00	14.57 0.37 0.00	14.84 0.37 0.00	17.00 0.43 0.00	14.49 0.38 0.00	15.09 0.35 0.00	13.16 0.30 0.00	14.18 0.24 0.00	11.80 0.12 0.00	14.40 0.12 0.00	14.32 0.04 0.00	14.60 0.01 0.00	15.28 0.15 0.00	16.04 0.25 0.00	18.41 0.45 0.00	29.59 1.03 0.00	32.02 1.16 0.00	31.69 1.18 0.00	30.13 1.02 0.00	23.15 0.68 0.00	24.69 0.58 0.00	18.61 0.26 0.00
INDECK___ILION 23567	16.76 0.06 0.00	16.83 0.08 0.00	15.28 0.10 0.00	14.32 0.13 0.00	14.58 0.11 0.00	16.68 0.10 0.00	14.18 0.08 0.00	14.78 0.04 0.00	12.86 0.00 0.00	13.89 -0.04 0.00	11.61 -0.07 0.00	14.20 -0.08 0.00	14.18 -0.10 0.00	14.48 -0.11 0.00	15.14 0.01 0.00	15.84 0.05 0.00	18.06 0.11 0.00	28.76 0.20 0.00	31.07 0.22 0.00	30.74 0.24 0.00	29.30 0.20 0.00	22.59 0.12 0.00	24.19 0.07 0.00	18.31 -0.03 0.00
INDECK___OLEAN 23982	16.82 0.11 0.00	16.75 0.01 0.00	15.12 -0.05 0.00	14.17 -0.03 0.00	14.43 -0.04 0.00	16.59 0.02 0.00	14.05 -0.05 0.00	14.77 0.02 0.00	12.75 -0.11 0.00	13.94 0.00 0.00	11.85 0.17 0.00	14.86 0.58 0.00	14.93 0.65 0.00	15.18 0.59 0.00	15.78 0.65 0.00	16.40 0.61 0.00	18.49 0.53 0.00	29.04 0.48 0.00	31.19 0.33 0.00	30.89 0.38 0.00	29.50 0.39 0.00	22.85 0.38 0.00	24.98 0.87 0.00	19.11 0.76 0.00
INDECK___OSWEGO 23783	16.26 -0.45 0.00	16.31 -0.44 0.00	14.76 -0.41 0.00	13.83 -0.36 0.00	14.10 -0.37 0.00	16.16 -0.42 0.00	13.73 -0.38 0.00	14.36 -0.39 0.00	12.49 -0.36 0.00	13.54 -0.40 0.00	11.36 -0.33 0.00	13.93 -0.34 0.00	13.96 -0.31 0.00	14.30 -0.29 0.00	14.84 -0.29 0.00	15.48 -0.31 0.00	17.56 -0.40 0.00	27.81 -0.75 0.00	30.03 -0.82 0.00	29.73 -0.78 0.00	28.39 -0.72 0.00	21.93 -0.54 0.00	23.57 -0.55 0.00	17.94 -0.41 0.00
INDECK___YERKES 23781	15.96 -0.75 0.00	15.87 -0.87 0.00	14.34 -0.83 0.00	13.44 -0.76 0.00	13.73 -0.75 0.00	15.78 -0.79 0.00	13.32 -0.78 0.00	14.12 -0.62 0.00	12.13 -0.73 0.00	13.36 -0.57 0.00	11.37 -0.31 0.00	14.24 -0.04 0.00	14.25 -0.03 0.00	14.59 0.00 0.00	15.12 -0.02 0.00	15.78 -0.02 0.00	17.66 -0.30 0.00	27.83 -0.73 0.00	30.03 -0.82 0.00	29.76 -0.75 0.00	28.52 -0.58 0.00	22.12 -0.35 0.00	24.17 0.05 0.00	18.59 0.25 0.00
INDIAN POINT_GT_1 24139	17.55 0.84 0.00	17.64 0.90 0.00	16.00 0.83 0.00	15.02 0.82 0.00	15.23 0.76 0.00	17.38 0.81 0.00	14.88 0.78 0.00	15.55 0.81 0.00	13.61 0.76 0.00	14.73 0.79 0.00	12.36 0.68 0.00	15.07 0.80 0.00	15.08 0.80 0.00	15.33 0.74 0.00	15.92 0.79 0.00	16.64 0.85 0.00	19.00 1.04 0.00	30.19 1.63 0.00	32.64 1.79 0.00	32.32 1.82 0.00	30.76 1.65 0.00	23.72 1.25 0.00	25.39 1.28 0.00	19.16 0.81 0.00
INDIAN POINT_GT_2 23659	17.55 0.84 0.00	17.64 0.90 0.00	16.00 0.83 0.00	15.02 0.82 0.00	15.23 0.76 0.00	17.38 0.81 0.00	14.88 0.78 0.00	15.55 0.81 0.00	13.61 0.76 0.00	14.73 0.79 0.00	12.36 0.68 0.00	15.07 0.80 0.00	15.08 0.80 0.00	15.33 0.74 0.00	15.92 0.79 0.00	16.64 0.85 0.00	19.00 1.04 0.00	30.19 1.63 0.00	32.64 1.79 0.00	32.32 1.82 0.00	30.76 1.65 0.00	23.72 1.25 0.00	25.39 1.28 0.00	19.16 0.81 0.00
INDIAN POINT_GT_3 24019	17.55 0.84 0.00	17.64 0.90 0.00	16.00 0.83 0.00	15.02 0.82 0.00	15.23 0.76 0.00	17.38 0.81 0.00	14.88 0.78 0.00	15.55 0.81 0.00	13.61 0.76 0.00	14.73 0.79 0.00	12.36 0.68 0.00	15.07 0.80 0.00	15.08 0.80 0.00	15.33 0.74 0.00	15.92 0.79 0.00	16.64 0.85 0.00	19.00 1.04 0.00	30.19 1.63 0.00	32.64 1.79 0.00	32.32 1.82 0.00	30.76 1.65 0.00	23.72 1.25 0.00	25.39 1.28 0.00	19.16 0.81 0.00
INDIAN POINT___2 23530	17.58 0.87 0.00	17.68 0.93 0.00	16.05 0.87 0.00	15.06 0.86 0.00	15.26 0.79 0.00	17.42 0.84 0.00	14.92 0.82 0.00	15.59 0.85 0.00	13.65 0.80 0.00	14.77 0.84 0.00	12.40 0.72 0.00	15.13 0.85 0.00	15.13 0.85 0.00	15.39 0.80 0.00	15.98 0.85 0.00	16.70 0.90 0.00	19.06 1.10 0.00	30.28 1.71 0.00	32.72 1.87 0.00	32.39 1.88 0.00	30.82 1.72 0.00	23.78 1.31 0.00	25.45 1.34 0.00	19.20 0.85 0.00
INDIAN POINT___3 23531	17.52 0.82 0.00	17.62 0.88 0.00	15.98 0.81 0.00	15.00 0.81 0.00	15.21 0.74 0.00	17.36 0.79 0.00	14.86 0.76 0.00	15.53 0.79 0.00	13.59 0.73 0.00	14.70 0.76 0.00	12.33 0.65 0.00	15.05 0.78 0.00	15.06 0.78 0.00	15.32 0.73 0.00	15.91 0.78 0.00	16.63 0.83 0.00	18.97 1.01 0.00	30.15 1.58 0.00	32.57 1.72 0.00	32.27 1.77 0.00	30.70 1.59 0.00	23.67 1.20 0.00	25.36 1.25 0.00	19.14 0.79 0.00
INGHAM_C_115KV_TB7 356103	16.75 0.05 0.00	16.84 0.10 0.00	15.31 0.14 0.00	14.38 0.18 0.00	14.64 0.17 0.00	16.72 0.15 0.00	14.21 0.11 0.00	14.74 -0.01 0.00	12.78 -0.08 0.00	13.74 -0.19 0.00	11.45 -0.23 0.00	13.98 -0.29 0.00	13.93 -0.35 0.00	14.22 -0.37 0.00	15.02 -0.11 0.00	15.75 -0.04 0.00	18.04 0.08 0.00	28.79 0.22 0.00	31.12 0.26 0.00	30.78 0.27 0.00	29.32 0.21 0.00	22.58 0.11 0.00	24.10 -0.02 0.00	18.16 -0.19 0.00
IP CORINTH___1 23988	17.12 0.41 0.00	17.16 0.41 0.00	15.52 0.35 0.00	14.57 0.37 0.00	14.84 0.37 0.00	17.00 0.42 0.00	14.49 0.38 0.00	15.10 0.35 0.00	13.16 0.30 0.00	14.18 0.24 0.00	11.80 0.12 0.00	14.40 0.12 0.00	14.32 0.04 0.00	14.60 0.01 0.00	15.28 0.15 0.00	16.04 0.25 0.00	18.41 0.45 0.00	29.59 1.03 0.00	32.02 1.16 0.00	31.69 1.18 0.00	30.13 1.03 0.00	23.15 0.68 0.00	24.69 0.58 0.00	18.61 0.26 0.00
IP___TICONDEROGA 23804	17.64 0.93 0.00	17.64 0.90 0.00	15.84 0.66 0.00	14.92 0.72 0.00	15.25 0.78 0.00	17.52 0.95 0.00	14.99 0.89 0.00	15.56 0.82 0.00	13.58 0.72 0.00	14.58 0.64 0.00	12.04 0.36 0.00	14.61 0.33 0.00	14.39 0.11 0.00	14.67 0.08 0.00	15.42 0.28 0.00	16.28 0.49 0.00	18.81 0.86 0.00	30.76 2.20 0.00	33.25 2.40 0.00	33.00 2.49 0.00	31.25 2.14 0.00	23.87 1.41 0.00	25.35 1.25 0.00	18.91 0.56 0.00

MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	17.64 0.93 0.00	17.75 1.00 0.00	16.11 0.94 0.00	15.13 0.93 0.00	15.32 0.85 0.00	17.48 0.91 0.00	14.99 0.88 0.00	15.66 0.92 0.00	13.73 0.87 0.00	14.84 0.91 0.00	12.47 0.79 0.00	15.21 0.93 0.00	15.22 0.93 0.00	15.47 0.88 0.00	16.07 0.94 0.00	16.79 1.00 0.00	19.15 1.20 0.00	30.40 1.84 0.00	32.85 2.00 0.00	32.51 2.00 0.00	30.94 1.83 0.00	23.87 1.40 0.00	25.54 1.43 0.00	19.28 0.93 0.00
MUNSVILLE_WIND_PWR 323609	17.24 0.53 0.00	17.26 0.52 0.00	15.78 0.61 0.00	14.80 0.60 0.00	15.14 0.66 0.00	17.39 0.82 0.00	14.82 0.72 0.00	15.60 0.86 0.00	13.60 0.75 0.00	14.69 0.76 0.00	12.22 0.54 0.00	15.12 0.85 0.00	15.15 0.87 0.00	15.68 1.09 0.00	16.27 1.13 0.00	17.05 1.25 0.00	19.49 1.53 0.00	30.82 2.26 0.00	33.20 2.35 0.00	32.95 2.44 0.00	31.40 2.30 0.00	24.10 1.63 0.00	25.88 1.77 0.00	19.58 1.24 0.00
N SALMON___HYD 24042	16.91 0.20 0.00	16.93 0.18 0.00	15.22 0.05 0.00	14.13 -0.06 0.00	14.27 -0.21 0.00	16.63 0.05 0.00	14.32 0.22 0.00	14.84 0.10 0.00	12.94 0.08 0.00	14.12 0.18 0.00	11.79 0.11 0.00	14.24 -0.04 0.00	14.32 0.04 0.00	14.77 0.18 0.00	15.09 -0.04 0.00	15.63 -0.16 0.00	17.89 -0.07 0.00	28.97 0.41 0.00	31.49 0.64 0.00	31.08 0.58 0.00	29.55 0.45 0.00	22.65 0.18 0.00	24.12 0.01 0.00	18.58 0.23 0.00
N.AKRON___115KV_KNAPP 355671	16.05 -0.66 0.00	15.95 -0.80 0.00	14.43 -0.75 0.00	13.52 -0.68 0.00	13.81 -0.66 0.00	15.87 -0.70 0.00	13.40 -0.70 0.00	14.20 -0.54 0.00	12.18 -0.68 0.00	13.42 -0.52 0.00	11.42 -0.26 0.00	14.31 0.03 0.00	14.31 0.03 0.00	14.64 0.05 0.00	15.15 0.02 0.00	15.82 0.03 0.00	17.73 -0.23 0.00	27.97 -0.59 0.00	30.21 -0.65 0.00	29.98 -0.52 0.00	28.72 -0.39 0.00	22.27 -0.20 0.00	24.26 0.15 0.00	18.64 0.29 0.00
N.BELMOR_69_KV_BK1 55787	17.76 1.06 0.00	17.89 1.14 0.00	16.22 1.05 0.00	15.19 0.99 0.00	15.39 0.91 0.00	17.52 0.95 0.00	15.00 0.90 0.00	15.69 0.94 0.00	13.73 0.88 0.00	14.92 0.99 0.00	12.59 0.91 0.00	15.28 1.01 0.00	15.23 0.95 0.00	15.44 0.85 0.00	16.04 0.91 0.00	16.82 1.03 0.00	19.33 1.37 0.00	30.75 2.19 0.00	33.17 2.31 0.00	32.82 2.31 0.00	30.94 1.84 0.00	23.92 1.45 0.00	25.51 1.40 0.00	19.27 0.92 0.00
N.E_GEN_SANDY PD 24062	17.91 0.71 -0.49	17.50 0.75 0.00	15.84 0.67 0.00	15.03 0.70 -0.12	15.92 0.66 -0.79	17.57 0.71 -0.30	14.75 0.65 0.00	15.38 0.63 0.00	13.46 0.61 0.00	14.84 0.64 -0.27	12.19 0.51 0.00	14.89 0.61 0.00	14.82 0.54 0.00	15.20 0.45 -0.16	15.71 0.48 -0.10	16.40 0.49 -0.12	18.56 0.61 0.00	29.93 1.11 -0.25	32.20 1.35 0.00	47.36 1.38 -15.47	45.76 1.25 -15.41	23.40 0.93 0.00	25.01 0.90 0.00	18.86 0.56 0.05
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	17.55 0.84 0.00	17.64 0.90 0.00	16.00 0.83 0.00	15.01 0.82 0.00	15.22 0.75 0.00	17.38 0.80 0.00	14.88 0.77 0.00	15.55 0.80 0.00	13.59 0.74 0.00	14.69 0.76 0.00	12.32 0.64 0.00	15.05 0.77 0.00	15.07 0.80 0.00	15.35 0.75 0.00	15.94 0.81 0.00	16.66 0.87 0.00	19.01 1.05 0.00	30.20 1.64 0.00	32.63 1.77 0.00	32.35 1.84 0.00	30.75 1.64 0.00	23.70 1.24 0.00	25.41 1.30 0.00	19.17 0.83 0.00
N.QUEENS_27_KV_LOAD 356247	17.62 0.91 0.00	17.74 1.00 0.00	16.15 0.97 0.00	15.14 0.94 0.00	15.31 0.84 0.00	17.46 0.89 0.00	15.01 0.91 0.00	15.69 0.95 0.00	13.75 0.90 0.00	14.88 0.94 0.00	12.50 0.81 0.00	15.23 0.95 0.00	15.25 0.97 0.00	15.49 0.90 0.00	16.10 0.96 0.00	16.80 1.01 0.00	19.14 1.18 0.00	30.32 1.75 0.00	32.76 1.91 0.00	32.47 1.97 0.00	30.91 1.81 0.00	23.87 1.40 0.00	25.51 1.40 0.00	19.28 0.93 0.00
N.TROY___115KV_TB1 355778	17.14 0.43 0.00	17.22 0.47 0.00	15.59 0.42 0.00	14.67 0.47 0.00	14.91 0.44 0.00	17.04 0.47 0.00	14.49 0.39 0.00	15.10 0.36 0.00	13.19 0.34 0.00	14.25 0.32 0.00	11.91 0.22 0.00	14.54 0.27 0.00	14.49 0.21 0.00	14.75 0.16 0.00	15.34 0.21 0.00	16.03 0.24 0.00	18.29 0.33 0.00	29.24 0.68 0.00	31.66 0.81 0.00	31.30 0.80 0.00	29.83 0.72 0.00	22.99 0.52 0.00	24.59 0.48 0.00	18.64 0.30 0.00
NARROWS_GT1_1 24228	17.70 0.99 0.00	17.81 1.06 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.51 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.67 1.55 0.00	19.38 1.03 0.00
NARROWS_GT1_2 24229	17.70 0.99 0.00	17.81 1.06 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.51 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.67 1.55 0.00	19.38 1.03 0.00
NARROWS_GT1_3 24230	17.70 0.99 0.00	17.81 1.06 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.51 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.67 1.55 0.00	19.38 1.03 0.00
NARROWS_GT1_4 24231	17.70 0.99 0.00	17.81 1.06 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.51 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.67 1.55 0.00	19.38 1.03 0.00
NARROWS_GT1_5 24232	17.70 0.99 0.00	17.81 1.06 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.51 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.67 1.55 0.00	19.38 1.03 0.00
NARROWS_GT1_6 24233	17.70 0.99 0.00	17.81 1.06 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.51 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.67 1.55 0.00	19.38 1.03 0.00

NEG CENTRAL___INDECK 23768	16.41 -0.29 0.00	16.35 -0.39 0.00	14.77 -0.41 0.00	13.84 -0.36 0.00	14.11 -0.36 0.00	16.23 -0.34 0.00	13.75 -0.35 0.00	14.48 -0.26 0.00	12.37 -0.48 0.00	13.62 -0.32 0.00	11.60 -0.08 0.00	14.45 0.17 0.00	14.49 0.22 0.00	14.87 0.28 0.00	15.33 0.20 0.00	16.07 0.28 0.00	18.21 0.26 0.00	28.81 0.25 0.00	31.17 0.32 0.00	30.96 0.45 0.00	29.75 0.64 0.00	22.97 0.50 0.00	24.87 0.76 0.00	19.01 0.66 0.00
NEG CENTRAL___SENECA 23627	16.46 -0.25 0.00	16.45 -0.29 0.00	14.89 -0.28 0.00	13.95 -0.25 0.00	14.21 -0.26 0.00	16.31 -0.27 0.00	13.85 -0.25 0.00	14.56 -0.18 0.00	12.62 -0.24 0.00	13.71 -0.23 0.00	11.60 -0.08 0.00	14.37 0.10 0.00	14.44 0.16 0.00	14.76 0.17 0.00	15.31 0.18 0.00	15.97 0.18 0.00	18.13 0.17 0.00	28.58 0.02 0.00	30.80 -0.05 0.00	30.48 -0.02 0.00	29.16 0.06 0.00	22.57 0.11 0.00	24.34 0.23 0.00	18.54 0.20 0.00
NEG CENTRAL___STATE_STREET 24147	16.64 -0.07 0.00	16.66 -0.08 0.00	15.11 -0.06 0.00	14.15 -0.05 0.00	14.42 -0.05 0.00	16.46 -0.11 0.00	14.02 -0.08 0.00	14.72 -0.02 0.00	12.79 -0.07 0.00	13.84 -0.10 0.00	11.66 -0.02 0.00	14.35 0.08 0.00	14.42 0.14 0.00	14.73 0.14 0.00	15.30 0.17 0.00	15.95 0.15 0.00	18.12 0.16 0.00	28.65 0.09 0.00	30.78 -0.06 0.00	30.56 0.06 0.00	29.20 0.09 0.00	22.55 0.08 0.00	24.16 0.05 0.00	18.46 0.12 0.00
NEG MILLWOOD___DRP 24198	17.74 1.04 0.00	17.82 1.07 0.00	16.16 0.99 0.00	15.17 0.97 0.00	15.38 0.91 0.00	17.57 0.99 0.00	15.03 0.93 0.00	15.72 0.97 0.00	13.76 0.90 0.00	14.88 0.94 0.00	12.47 0.79 0.00	15.23 0.95 0.00	15.22 0.94 0.00	15.48 0.88 0.00	16.09 0.96 0.00	16.84 1.05 0.00	19.23 1.28 0.00	30.61 2.05 0.00	33.10 2.25 0.00	32.79 2.28 0.00	31.19 2.09 0.00	24.03 1.56 0.00	25.69 1.58 0.00	19.37 1.02 0.00
NEG NORTH_FLCN_SEA 23793	17.28 0.57 0.00	17.32 0.58 0.00	15.53 0.36 0.00	14.36 0.17 0.00	14.38 -0.09 0.00	16.88 0.31 0.00	14.69 0.58 0.00	15.13 0.39 0.00	13.20 0.35 0.00	14.40 0.47 0.00	12.00 0.31 0.00	14.48 0.20 0.00	14.59 0.31 0.00	15.16 0.57 0.00	15.46 0.33 0.00	15.86 0.06 0.00	18.18 0.22 0.00	29.84 1.27 0.00	32.52 1.67 0.00	32.13 1.63 0.00	30.34 1.24 0.00	23.12 0.64 0.00	24.42 0.31 0.00	18.90 0.55 0.00
NEG NORTH_KES_CHATEGAY 23792	16.97 0.26 0.00	16.99 0.25 0.00	15.27 0.10 0.00	14.16 -0.04 0.00	14.24 -0.23 0.00	16.66 0.08 0.00	14.36 0.26 0.00	14.84 0.10 0.00	12.93 0.08 0.00	14.12 0.18 0.00	11.78 0.10 0.00	14.24 -0.04 0.00	14.33 0.06 0.00	14.81 0.21 0.00	15.10 -0.03 0.00	15.62 -0.18 0.00	17.89 -0.07 0.00	29.02 0.46 0.00	31.59 0.74 0.00	31.19 0.69 0.00	29.61 0.50 0.00	22.66 0.19 0.00	24.10 -0.01 0.00	18.61 0.27 0.00
NEG NORTH___ALICE_FALLS 23915	17.26 0.55 0.00	17.28 0.54 0.00	15.50 0.33 0.00	14.34 0.15 0.00	14.38 -0.09 0.00	16.87 0.30 0.00	14.66 0.56 0.00	15.11 0.37 0.00	13.19 0.34 0.00	14.40 0.46 0.00	12.00 0.32 0.00	14.48 0.20 0.00	14.59 0.31 0.00	15.15 0.56 0.00	15.43 0.30 0.00	15.85 0.06 0.00	18.19 0.23 0.00	29.80 1.23 0.00	32.47 1.62 0.00	32.08 1.58 0.00	30.33 1.23 0.00	23.12 0.65 0.00	24.44 0.32 0.00	18.90 0.55 0.00
NEG NORTH___LWR_SARANAC 23913	17.26 0.55 0.00	17.28 0.54 0.00	15.50 0.33 0.00	14.34 0.15 0.00	14.38 -0.09 0.00	16.87 0.30 0.00	14.66 0.56 0.00	15.11 0.37 0.00	13.19 0.34 0.00	14.40 0.46 0.00	12.00 0.32 0.00	14.48 0.20 0.00	14.59 0.31 0.00	15.15 0.56 0.00	15.43 0.30 0.00	15.85 0.06 0.00	18.19 0.23 0.00	29.80 1.23 0.00	32.47 1.62 0.00	32.08 1.58 0.00	30.33 1.23 0.00	23.12 0.65 0.00	24.44 0.32 0.00	18.90 0.55 0.00
NEG NORTH___PLATTSBURG 23628	17.25 0.55 0.00	17.28 0.54 0.00	15.50 0.33 0.00	14.34 0.15 0.00	14.38 -0.09 0.00	16.87 0.30 0.00	14.66 0.56 0.00	15.11 0.37 0.00	13.19 0.34 0.00	14.40 0.46 0.00	12.00 0.32 0.00	14.48 0.20 0.00	14.59 0.31 0.00	15.15 0.56 0.00	15.43 0.30 0.00	15.85 0.06 0.00	18.19 0.23 0.00	29.80 1.23 0.00	32.47 1.62 0.00	32.08 1.58 0.00	30.33 1.23 0.00	23.12 0.65 0.00	24.44 0.32 0.00	18.90 0.55 0.00
NEG WEST_LEA_LOCKPORT 23791	15.82 -0.89 0.00	15.71 -1.03 0.00	14.22 -0.96 0.00	13.33 -0.87 0.00	13.61 -0.86 0.00	15.65 -0.93 0.00	13.20 -0.90 0.00	14.00 -0.74 0.00	12.01 -0.85 0.00	13.23 -0.71 0.00	11.26 -0.42 0.00	14.10 -0.17 0.00	14.11 -0.17 0.00	14.45 -0.14 0.00	14.97 -0.17 0.00	15.62 -0.18 0.00	17.48 -0.48 0.00	27.55 -1.01 0.00	29.72 -1.13 0.00	29.47 -1.03 0.00	28.24 -0.87 0.00	21.92 -0.55 0.00	23.94 -0.17 0.00	18.44 0.09 0.00
NEG WEST___LANCASTR 23811	16.52 -0.19 0.00	16.44 -0.30 0.00	14.87 -0.31 0.00	13.93 -0.27 0.00	14.21 -0.26 0.00	16.35 -0.23 0.00	13.82 -0.28 0.00	14.60 -0.15 0.00	12.58 -0.28 0.00	13.79 -0.14 0.00	11.72 0.04 0.00	14.67 0.40 0.00	14.70 0.43 0.00	15.02 0.43 0.00	15.58 0.45 0.00	16.24 0.44 0.00	18.25 0.29 0.00	28.75 0.18 0.00	30.96 0.11 0.00	30.68 0.17 0.00	29.35 0.25 0.00	22.76 0.29 0.00	24.84 0.72 0.00	19.03 0.68 0.00
NEG_PENN_ALLEGHNY 23528	16.74 0.03 0.00	16.77 0.03 0.00	15.20 0.03 0.00	14.24 0.04 0.00	14.50 0.02 0.00	16.62 0.05 0.00	14.11 0.01 0.00	14.78 0.04 0.00	12.86 0.01 0.00	13.95 0.01 0.00	11.75 0.07 0.00	14.48 0.21 0.00	14.52 0.24 0.00	14.83 0.24 0.00	15.40 0.27 0.00	16.06 0.27 0.00	18.25 0.29 0.00	28.88 0.31 0.00	31.11 0.25 0.00	30.77 0.26 0.00	29.35 0.25 0.00	22.65 0.18 0.00	24.46 0.35 0.00	18.55 0.20 0.00
NEG___GEN_MONROE 24207	16.31 -0.40 0.00	16.24 -0.50 0.00	14.70 -0.48 0.00	13.77 -0.43 0.00	14.05 -0.43 0.00	16.13 -0.44 0.00	13.65 -0.45 0.00	14.39 -0.36 0.00	12.39 -0.47 0.00	13.60 -0.34 0.00	11.54 -0.14 0.00	14.35 0.07 0.00	14.39 0.11 0.00	14.71 0.12 0.00	15.25 0.11 0.00	15.92 0.13 0.00	17.91 -0.04 0.00	28.31 -0.25 0.00	30.56 -0.29 0.00	30.29 -0.21 0.00	28.98 -0.12 0.00	22.41 -0.06 0.00	24.26 0.15 0.00	18.57 0.23 0.00
NEPA___ENERGY 23901	16.25 -0.46 0.00	16.23 -0.52 0.00	14.65 -0.52 0.00	13.72 -0.48 0.00	13.99 -0.49 0.00	16.09 -0.48 0.00	13.66 -0.45 0.00	14.40 -0.35 0.00	12.43 -0.42 0.00	13.58 -0.35 0.00	11.57 -0.11 0.00	14.49 0.22 0.00	14.57 0.29 0.00	14.83 0.24 0.00	15.43 0.30 0.00	16.07 0.29 0.00	18.14 0.18 0.00	28.47 -0.09 0.00	30.57 -0.28 0.00	30.28 -0.22 0.00	28.99 -0.11 0.00	22.49 0.02 0.00	24.66 0.55 0.00	18.75 0.40 0.00
NEVERSINK___HYD 23608	17.37 0.66 0.00	17.42 0.68 0.00	15.80 0.63 0.00	14.81 0.61 0.00	15.03 0.55 0.00	17.18 0.61 0.00	14.68 0.58 0.00	15.35 0.61 0.00	13.38 0.53 0.00	14.44 0.50 0.00	12.07 0.39 0.00	14.79 0.52 0.00	14.77 0.49 0.00	15.01 0.42 0.00	15.59 0.46 0.00	16.32 0.53 0.00	18.72 0.76 0.00	29.86 1.29 0.00	32.28 1.43 0.00	32.02 1.51 0.00	30.48 1.38 0.00	23.48 1.01 0.00	25.13 1.02 0.00	18.94 0.59 0.00

NEWKRMKL_115KV_TB1 55635	16.80 0.10 0.00	16.95 0.20 0.00	15.42 0.24 0.00	14.48 0.28 0.00	14.72 0.24 0.00	16.77 0.20 0.00	14.31 0.21 0.00	14.89 0.14 0.00	13.02 0.17 0.00	14.06 0.13 0.00	11.76 0.08 0.00	14.36 0.08 0.00	14.36 0.08 0.00	14.66 0.07 0.00	15.22 0.09 0.00	15.90 0.11 0.00	18.12 0.16 0.00	28.80 0.23 0.00	31.15 0.30 0.00	30.81 0.31 0.00	29.36 0.26 0.00	22.62 0.15 0.00	24.22 0.11 0.00	18.36 0.01 0.00
NEWTON___FALLS_HYD 23847	16.20 -0.51 0.00	16.33 -0.41 0.00	14.65 -0.52 0.00	13.75 -0.45 0.00	14.03 -0.44 0.00	16.15 -0.43 0.00	13.76 -0.34 0.00	14.32 -0.42 0.00	12.47 -0.39 0.00	13.45 -0.48 0.00	11.18 -0.50 0.00	13.59 -0.69 0.00	13.57 -0.71 0.00	14.02 -0.57 0.00	14.53 -0.60 0.00	15.22 -0.58 0.00	17.36 -0.60 0.00	27.71 -0.85 0.00	29.92 -0.93 0.00	29.69 -0.81 0.00	28.47 -0.63 0.00	22.15 -0.32 0.00	23.79 -0.32 0.00	18.17 -0.18 0.00
NGRID_A1_DSASP 323792	15.62 -1.09 0.00	15.53 -1.21 0.00	14.04 -1.13 0.00	13.16 -1.03 0.00	13.44 -1.03 0.00	15.45 -1.13 0.00	13.02 -1.08 0.00	13.82 -0.92 0.00	11.85 -1.01 0.00	13.05 -0.88 0.00	11.11 -0.57 0.00	13.91 -0.37 0.00	13.91 -0.37 0.00	14.26 -0.34 0.00	14.76 -0.37 0.00	15.40 -0.39 0.00	17.21 -0.74 0.00	27.13 -1.43 0.00	29.26 -1.59 0.00	28.98 -1.52 0.00	27.77 -1.33 0.00	21.56 -0.91 0.00	23.56 -0.56 0.00	18.17 -0.18 0.00
NGRID_A2_DSASP 323793	15.62 -1.09 0.00	15.53 -1.21 0.00	14.04 -1.13 0.00	13.16 -1.03 0.00	13.44 -1.03 0.00	15.45 -1.13 0.00	13.02 -1.08 0.00	13.82 -0.92 0.00	11.85 -1.01 0.00	13.05 -0.88 0.00	11.11 -0.57 0.00	13.91 -0.37 0.00	13.91 -0.37 0.00	14.26 -0.34 0.00	14.76 -0.37 0.00	15.40 -0.39 0.00	17.21 -0.74 0.00	27.13 -1.43 0.00	29.26 -1.59 0.00	28.98 -1.52 0.00	27.77 -1.33 0.00	21.56 -0.91 0.00	23.56 -0.56 0.00	18.17 -0.18 0.00
NGRID_A4_DSASP 323807	15.62 -1.09 0.00	15.53 -1.21 0.00	14.04 -1.13 0.00	13.16 -1.03 0.00	13.44 -1.03 0.00	15.45 -1.13 0.00	13.02 -1.08 0.00	13.82 -0.92 0.00	11.85 -1.01 0.00	13.05 -0.88 0.00	11.11 -0.57 0.00	13.91 -0.37 0.00	13.91 -0.37 0.00	14.26 -0.34 0.00	14.76 -0.37 0.00	15.40 -0.39 0.00	17.21 -0.74 0.00	27.13 -1.43 0.00	29.26 -1.59 0.00	28.98 -1.52 0.00	27.77 -1.33 0.00	21.56 -0.91 0.00	23.56 -0.56 0.00	18.17 -0.18 0.00
NIAGARA_115E_LBMP 323715	15.57 -1.13 0.00	15.49 -1.25 0.00	14.00 -1.17 0.00	13.13 -1.07 0.00	13.40 -1.07 0.00	15.41 -1.16 0.00	12.99 -1.11 0.00	13.79 -0.95 0.00	11.81 -1.04 0.00	13.02 -0.92 0.00	11.07 -0.61 0.00	13.86 -0.41 0.00	13.87 -0.41 0.00	14.21 -0.38 0.00	14.71 -0.42 0.00	15.36 -0.43 0.00	17.17 -0.79 0.00	27.05 -1.51 0.00	29.17 -1.68 0.00	28.93 -1.58 0.00	27.72 -1.38 0.00	21.53 -0.94 0.00	23.56 -0.55 0.00	18.17 -0.18 0.00
NIAGARA_115W_LBMP 323714	15.59 -1.12 0.00	15.50 -1.25 0.00	14.01 -1.16 0.00	13.14 -1.06 0.00	13.41 -1.06 0.00	15.42 -1.15 0.00	13.00 -1.11 0.00	13.79 -0.95 0.00	11.82 -1.03 0.00	13.03 -0.91 0.00	11.08 -0.60 0.00	13.88 -0.40 0.00	13.88 -0.40 0.00	14.23 -0.37 0.00	14.73 -0.40 0.00	15.37 -0.42 0.00	17.18 -0.78 0.00	27.07 -1.49 0.00	29.19 -1.66 0.00	28.92 -1.59 0.00	27.71 -1.39 0.00	21.52 -0.95 0.00	23.51 -0.61 0.00	18.13 -0.22 0.00
NIAGARA_230_LBMP 323716	15.73 -0.97 0.00	15.64 -1.10 0.00	14.14 -1.03 0.00	13.25 -0.95 0.00	13.53 -0.94 0.00	15.55 -1.02 0.00	13.12 -0.98 0.00	13.91 -0.83 0.00	11.94 -0.91 0.00	13.14 -0.79 0.00	11.18 -0.50 0.00	14.00 -0.27 0.00	14.02 -0.27 0.00	14.34 -0.25 0.00	14.86 -0.27 0.00	15.50 -0.29 0.00	17.34 -0.62 0.00	27.34 -1.23 0.00	29.47 -1.38 0.00	29.19 -1.32 0.00	27.95 -1.15 0.00	21.70 -0.77 0.00	23.68 -0.43 0.00	18.25 -0.10 0.00
NIAGARA___115KV_198_GIBSON 55903	15.59 -1.12 0.00	15.48 -1.26 0.00	14.01 -1.16 0.00	13.14 -1.06 0.00	13.41 -1.06 0.00	15.42 -1.15 0.00	13.00 -1.10 0.00	13.79 -0.95 0.00	11.82 -1.03 0.00	13.03 -0.91 0.00	11.08 -0.60 0.00	13.88 -0.40 0.00	13.88 -0.40 0.00	14.22 -0.37 0.00	14.73 -0.40 0.00	15.37 -0.42 0.00	17.18 -0.78 0.00	27.07 -1.49 0.00	29.18 -1.67 0.00	28.92 -1.58 0.00	27.71 -1.40 0.00	21.52 -0.95 0.00	23.51 -0.61 0.00	18.13 -0.22 0.00
NIAGARA____ 23760	15.73 -0.97 0.00	15.64 -1.10 0.00	14.14 -1.03 0.00	13.25 -0.95 0.00	13.53 -0.94 0.00	15.55 -1.02 0.00	13.12 -0.98 0.00	13.91 -0.83 0.00	11.94 -0.91 0.00	13.14 -0.79 0.00	11.18 -0.50 0.00	14.00 -0.27 0.00	14.02 -0.27 0.00	14.34 -0.25 0.00	14.86 -0.27 0.00	15.50 -0.29 0.00	17.34 -0.62 0.00	27.34 -1.23 0.00	29.47 -1.38 0.00	29.19 -1.32 0.00	27.95 -1.15 0.00	21.70 -0.77 0.00	23.68 -0.43 0.00	18.25 -0.10 0.00
NINE_MILE_1 23575	16.21 -0.50 0.00	16.24 -0.50 0.00	14.72 -0.45 0.00	13.79 -0.41 0.00	14.04 -0.43 0.00	16.09 -0.48 0.00	13.67 -0.43 0.00	14.31 -0.43 0.00	12.46 -0.40 0.00	13.52 -0.42 0.00	11.35 -0.33 0.00	13.93 -0.35 0.00	13.95 -0.33 0.00	14.26 -0.34 0.00	14.80 -0.34 0.00	15.43 -0.36 0.00	17.49 -0.47 0.00	27.72 -0.84 0.00	29.92 -0.93 0.00	29.61 -0.90 0.00	28.26 -0.85 0.00	21.82 -0.65 0.00	23.44 -0.67 0.00	17.86 -0.49 0.00
NINE_MILE_2 23744	16.21 -0.50 0.00	16.25 -0.50 0.00	14.72 -0.45 0.00	13.79 -0.41 0.00	14.05 -0.42 0.00	16.09 -0.48 0.00	13.68 -0.42 0.00	14.32 -0.43 0.00	12.46 -0.40 0.00	13.52 -0.42 0.00	11.35 -0.33 0.00	13.93 -0.35 0.00	13.95 -0.33 0.00	14.26 -0.33 0.00	14.80 -0.34 0.00	15.43 -0.36 0.00	17.49 -0.47 0.00	27.72 -0.84 0.00	29.92 -0.93 0.00	29.61 -0.90 0.00	28.26 -0.85 0.00	21.82 -0.65 0.00	23.44 -0.67 0.00	17.86 -0.49 0.00
NM_CAPITAL___DRP 24208	16.83 0.12 0.00	16.96 0.22 0.00	15.42 0.25 0.00	14.48 0.29 0.00	14.72 0.24 0.00	16.78 0.21 0.00	14.31 0.21 0.00	14.90 0.15 0.00	13.03 0.17 0.00	14.08 0.14 0.00	11.77 0.09 0.00	14.38 0.10 0.00	14.36 0.08 0.00	14.65 0.06 0.00	15.21 0.08 0.00	15.88 0.09 0.00	18.10 0.14 0.00	28.78 0.21 0.00	31.14 0.28 0.00	30.79 0.28 0.00	29.34 0.23 0.00	22.62 0.16 0.00	24.22 0.11 0.00	18.37 0.03 0.00
NM_CENTRAL___DRP 24181	16.51 -0.19 0.00	16.54 -0.20 0.00	14.98 -0.19 0.00	14.04 -0.16 0.00	14.30 -0.17 0.00	16.38 -0.19 0.00	13.92 -0.18 0.00	14.57 -0.17 0.00	12.68 -0.18 0.00	13.75 -0.18 0.00	11.56 -0.12 0.00	14.21 -0.07 0.00	14.24 -0.04 0.00	14.58 -0.02 0.00	15.13 0.00 0.00	15.79 -0.01 0.00	17.90 -0.05 0.00	28.35 -0.21 0.00	30.60 -0.25 0.00	30.28 -0.22 0.00	28.90 -0.20 0.00	22.31 -0.16 0.00	23.99 -0.13 0.00	18.25 -0.10 0.00
NM_FRONTIER___DRP 24179	15.59 -1.12 0.00	15.48 -1.26 0.00	14.01 -1.16 0.00	13.14 -1.06 0.00	13.41 -1.06 0.00	15.42 -1.15 0.00	13.00 -1.10 0.00	13.79 -0.95 0.00	11.82 -1.03 0.00	13.03 -0.91 0.00	11.08 -0.60 0.00	13.88 -0.40 0.00	13.88 -0.40 0.00	14.22 -0.37 0.00	14.73 -0.40 0.00	15.37 -0.42 0.00	17.18 -0.78 0.00	27.07 -1.49 0.00	29.18 -1.67 0.00	28.92 -1.58 0.00	27.71 -1.40 0.00	21.52 -0.95 0.00	23.51 -0.61 0.00	18.13 -0.22 0.00

NM_ST_REGIS___HYD 24053	16.42 -0.28 0.00	16.44 -0.30 0.00	14.81 -0.36 0.00	13.80 -0.40 0.00	14.04 -0.44 0.00	16.23 -0.34 0.00	13.89 -0.21 0.00	14.46 -0.28 0.00	12.60 -0.25 0.00	13.69 -0.24 0.00	11.42 -0.26 0.00	13.83 -0.45 0.00	13.84 -0.44 0.00	14.23 -0.36 0.00	14.62 -0.51 0.00	15.23 -0.56 0.00	17.40 -0.55 0.00	28.04 -0.52 0.00	30.37 -0.49 0.00	29.99 -0.51 0.00	28.64 -0.46 0.00	22.06 -0.41 0.00	23.59 -0.52 0.00	18.11 -0.23 0.00
NORTHPORT___1 23551	17.68 0.97 0.00	17.86 1.12 0.00	16.21 1.04 0.00	15.11 0.91 0.00	15.29 0.81 0.00	17.38 0.81 0.00	14.88 0.78 0.00	15.59 0.85 0.00	13.64 0.78 0.00	14.85 0.91 0.00	12.59 0.91 0.00	15.26 0.98 0.00	15.17 0.89 0.00	15.37 0.78 0.00	15.95 0.81 0.00	16.73 0.94 0.00	19.24 1.28 0.00	30.50 1.94 0.00	32.82 1.97 0.00	32.48 1.97 0.00	30.56 1.46 0.00	23.78 1.31 0.00	25.34 1.23 0.00	19.18 0.83 0.00
NORTHPORT___2 23552	17.68 0.97 0.00	17.86 1.12 0.00	16.21 1.04 0.00	15.11 0.91 0.00	15.29 0.81 0.00	17.38 0.81 0.00	14.88 0.78 0.00	15.59 0.85 0.00	13.64 0.78 0.00	14.85 0.91 0.00	12.59 0.91 0.00	15.26 0.98 0.00	15.17 0.89 0.00	15.37 0.78 0.00	15.95 0.81 0.00	16.73 0.94 0.00	19.24 1.28 0.00	30.50 1.94 0.00	32.82 1.97 0.00	32.48 1.97 0.00	30.56 1.46 0.00	23.78 1.31 0.00	25.34 1.23 0.00	19.18 0.83 0.00
NORTHPORT___3 23553	17.62 0.92 0.00	17.79 1.05 0.00	16.14 0.97 0.00	15.08 0.88 0.00	15.27 0.80 0.00	17.37 0.80 0.00	14.87 0.77 0.00	15.57 0.83 0.00	13.63 0.77 0.00	14.81 0.88 0.00	12.53 0.85 0.00	15.21 0.93 0.00	15.14 0.86 0.00	15.33 0.74 0.00	15.92 0.79 0.00	16.69 0.90 0.00	19.19 1.23 0.00	30.50 1.94 0.00	32.85 2.00 0.00	32.50 2.00 0.00	30.59 1.48 0.00	23.71 1.24 0.00	25.29 1.18 0.00	19.13 0.78 0.00
NORTHPORT___4 23650	17.62 0.92 0.00	17.79 1.05 0.00	16.14 0.97 0.00	15.08 0.88 0.00	15.27 0.80 0.00	17.37 0.80 0.00	14.87 0.77 0.00	15.57 0.83 0.00	13.63 0.77 0.00	14.81 0.88 0.00	12.53 0.85 0.00	15.21 0.93 0.00	15.14 0.86 0.00	15.33 0.74 0.00	15.92 0.79 0.00	16.69 0.90 0.00	19.19 1.23 0.00	30.50 1.94 0.00	32.85 2.00 0.00	32.50 2.00 0.00	30.59 1.48 0.00	23.71 1.24 0.00	25.29 1.18 0.00	19.13 0.78 0.00
NORTHPORT___IC 23718	17.68 0.98 0.00	17.87 1.13 0.00	16.21 1.03 0.00	15.10 0.91 0.00	15.29 0.81 0.00	17.38 0.81 0.00	14.88 0.78 0.00	15.59 0.85 0.00	13.64 0.78 0.00	14.85 0.91 0.00	12.59 0.91 0.00	15.26 0.98 0.00	15.17 0.89 0.00	15.37 0.78 0.00	15.95 0.81 0.00	16.73 0.94 0.00	19.24 1.28 0.00	30.50 1.94 0.00	32.82 1.97 0.00	32.48 1.97 0.00	30.56 1.46 0.00	23.78 1.31 0.00	25.35 1.24 0.00	19.18 0.83 0.00
NORTH___COUNTRY_ESR 323785	16.91 0.20 0.00	16.94 0.19 0.00	15.21 0.04 0.00	14.11 -0.08 0.00	14.20 -0.27 0.00	16.60 0.03 0.00	14.32 0.22 0.00	14.80 0.06 0.00	12.90 0.05 0.00	14.09 0.15 0.00	11.76 0.08 0.00	14.21 -0.06 0.00	14.29 0.01 0.00	14.77 0.18 0.00	15.08 -0.05 0.00	15.59 -0.21 0.00	17.85 -0.11 0.00	28.94 0.37 0.00	31.49 0.63 0.00	31.08 0.58 0.00	29.49 0.39 0.00	22.57 0.11 0.00	24.02 -0.09 0.00	18.55 0.21 0.00
NPX_GEN_1385_PROXY 323591	17.62 0.92 0.00	17.86 1.12 0.00	16.21 1.04 0.00	15.11 0.91 0.00	15.29 0.81 0.00	17.38 0.81 0.00	14.89 0.79 0.00	15.74 1.00 0.00	13.73 0.88 0.00	15.00 1.06 0.00	12.67 0.99 0.00	15.26 0.98 0.00	15.06 0.79 0.00	15.37 0.78 0.00	15.91 0.78 0.00	16.65 0.86 0.00	19.16 1.21 0.00	30.39 1.82 0.00	32.73 1.88 0.00	32.44 1.94 0.00	30.42 1.48 0.17	23.87 1.40 0.00	25.36 1.25 0.00	19.22 0.87 0.00
NPX_GEN_CSC 323557	17.56 0.86 0.00	17.85 1.11 0.00	16.21 1.04 0.00	15.19 0.99 0.00	15.46 0.98 0.00	17.57 1.00 0.00	15.05 0.95 0.00	15.74 0.99 0.00	13.77 0.92 0.00	14.97 1.04 0.00	12.58 0.90 0.00	15.17 0.89 0.00	15.07 0.79 0.00	15.20 0.61 0.00	15.76 0.63 0.00	16.61 0.82 0.00	19.27 1.31 0.00	30.82 2.26 0.00	33.25 2.40 0.00	32.96 2.45 0.00	30.48 1.55 0.17	23.73 1.26 0.00	25.23 1.12 0.00	19.12 0.77 0.00
NSINS_S_GLNS_FALLS 23858	17.21 0.50 0.00	17.24 0.50 0.00	15.60 0.43 0.00	14.65 0.45 0.00	14.92 0.44 0.00	17.09 0.52 0.00	14.56 0.46 0.00	15.17 0.43 0.00	13.22 0.36 0.00	14.24 0.30 0.00	11.85 0.17 0.00	14.46 0.18 0.00	14.37 0.09 0.00	14.65 0.06 0.00	15.33 0.20 0.00	16.11 0.32 0.00	18.50 0.54 0.00	29.75 1.19 0.00	32.19 1.33 0.00	31.85 1.35 0.00	30.29 1.18 0.00	23.27 0.80 0.00	24.81 0.70 0.00	18.69 0.35 0.00
NUCOR_STEEL___DRP 24197	16.64 -0.07 0.00	16.66 -0.08 0.00	15.11 -0.06 0.00	14.15 -0.05 0.00	14.42 -0.05 0.00	16.45 -0.12 0.00	14.02 -0.08 0.00	14.72 -0.03 0.00	12.79 -0.07 0.00	13.83 -0.10 0.00	11.65 -0.03 0.00	14.34 0.07 0.00	14.41 0.13 0.00	14.72 0.13 0.00	15.29 0.16 0.00	15.93 0.14 0.00	18.10 0.15 0.00	28.62 0.06 0.00	30.74 -0.11 0.00	30.54 0.03 0.00	29.18 0.07 0.00	22.53 0.06 0.00	24.12 0.01 0.00	18.44 0.09 0.00
NUMBER_THREE_WT_PWR 323818	16.21 -0.49 0.00	16.47 -0.27 0.00	14.73 -0.45 0.00	13.88 -0.32 0.00	14.16 -0.31 0.00	16.26 -0.32 0.00	13.85 -0.26 0.00	14.40 -0.34 0.00	12.52 -0.33 0.00	13.47 -0.46 0.00	11.16 -0.52 0.00	13.60 -0.68 0.00	13.54 -0.74 0.00	14.05 -0.54 0.00	14.70 -0.43 0.00	15.44 -0.36 0.00	17.57 -0.38 0.00	27.84 -0.73 0.00	30.01 -0.84 0.00	29.94 -0.57 0.00	28.76 -0.34 0.00	22.55 0.08 0.00	24.30 0.19 0.00	18.51 0.16 0.00
NYISO_LBMP_REFERENCE 24008	16.71 0.00 0.00	16.74 0.00 0.00	15.17 0.00 0.00	14.20 0.00 0.00	14.47 0.00 0.00	16.57 0.00 0.00	14.10 0.00 0.00	14.74 0.00 0.00	12.85 0.00 0.00	13.94 0.00 0.00	11.68 0.00 0.00	14.28 0.00 0.00	14.28 0.00 0.00	14.59 0.00 0.00	15.13 0.00 0.00	15.79 0.00 0.00	17.96 0.00 0.00	28.56 0.00 0.00	30.85 0.00 0.00	30.50 0.00 0.00	29.10 0.00 0.00	22.47 0.00 0.00	24.11 0.00 0.00	18.35 0.00 0.00
NYPA_BRENTWD____GT 24164	17.83 1.13 0.00	18.01 1.27 0.00	16.33 1.16 0.00	15.25 1.05 0.00	15.45 0.97 0.00	17.57 1.00 0.00	15.05 0.94 0.00	15.75 1.01 0.00	13.79 0.94 0.00	15.00 1.06 0.00	12.69 1.01 0.00	15.38 1.11 0.00	15.28 1.00 0.00	15.46 0.87 0.00	16.03 0.90 0.00	16.84 1.05 0.00	19.40 1.44 0.00	30.85 2.29 0.00	33.28 2.43 0.00	32.96 2.46 0.00	31.00 1.89 0.00	24.05 1.58 0.00	25.61 1.50 0.00	19.36 1.02 0.00
NYPA_GOWANUS____GT5 24156	17.70 0.99 0.00	17.81 1.06 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.51 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.67 1.55 0.00	19.38 1.03 0.00

OCC_CHEM___DRP 24175	15.62 -1.09 0.00	15.51 -1.23 0.00	14.04 -1.13 0.00	13.17 -1.03 0.00	13.44 -1.03 0.00	15.45 -1.13 0.00	13.02 -1.08 0.00	13.82 -0.92 0.00	11.85 -1.01 0.00	13.05 -0.88 0.00	11.11 -0.57 0.00	13.91 -0.37 0.00	13.91 -0.37 0.00	14.26 -0.34 0.00	14.76 -0.37 0.00	15.40 -0.39 0.00	17.21 -0.74 0.00	27.14 -1.43 0.00	29.26 -1.59 0.00	28.98 -1.52 0.00	27.77 -1.34 0.00	21.56 -0.91 0.00	23.55 -0.56 0.00	18.16 -0.18 0.00
OH_GEN_PROXY 24063	15.78 -0.93 0.00	15.69 -1.05 0.00	14.18 -0.99 0.00	13.29 -0.90 0.00	13.57 -0.90 0.00	15.60 -0.97 0.00	13.17 -0.94 0.00	13.95 -0.79 0.00	11.98 -0.87 0.00	13.18 -0.76 0.00	11.21 -0.47 0.00	14.04 -0.24 0.00	14.05 -0.23 0.00	14.37 -0.22 0.00	14.89 -0.24 0.00	15.53 -0.26 0.00	17.39 -0.57 0.00	27.41 -1.15 0.00	29.55 -1.31 0.00	29.26 -1.24 0.00	27.85 -1.09 0.17	21.74 -0.73 0.00	23.71 -0.40 0.00	18.25 -0.09 0.00
OLIN_CORP_DRP 24177	15.60 -1.11 0.00	15.50 -1.24 0.00	14.03 -1.14 0.00	13.16 -1.04 0.00	13.43 -1.04 0.00	15.44 -1.13 0.00	13.02 -1.08 0.00	13.82 -0.92 0.00	11.84 -1.02 0.00	13.04 -0.89 0.00	11.10 -0.58 0.00	13.90 -0.38 0.00	13.89 -0.39 0.00	14.24 -0.35 0.00	14.75 -0.38 0.00	15.39 -0.40 0.00	17.21 -0.75 0.00	27.13 -1.44 0.00	29.25 -1.60 0.00	29.00 -1.51 0.00	27.78 -1.32 0.00	21.58 -0.89 0.00	23.60 -0.51 0.00	18.19 -0.15 0.00
OLIN_CORP_DSASP 323712	15.62 -1.09 0.00	15.53 -1.21 0.00	14.04 -1.13 0.00	13.16 -1.03 0.00	13.44 -1.03 0.00	15.45 -1.13 0.00	13.02 -1.08 0.00	13.82 -0.92 0.00	11.85 -1.01 0.00	13.05 -0.88 0.00	11.11 -0.57 0.00	13.91 -0.37 0.00	13.91 -0.37 0.00	14.26 -0.34 0.00	14.76 -0.37 0.00	15.40 -0.39 0.00	17.21 -0.74 0.00	27.13 -1.43 0.00	29.26 -1.59 0.00	28.98 -1.52 0.00	27.77 -1.33 0.00	21.56 -0.91 0.00	23.56 -0.56 0.00	18.17 -0.18 0.00
ONEIDA_HERK_LFGE 323681	16.68 -0.03 0.00	16.81 0.07 0.00	15.15 -0.02 0.00	14.23 0.03 0.00	14.50 0.03 0.00	16.62 0.05 0.00	14.14 0.04 0.00	14.75 0.01 0.00	12.84 -0.01 0.00	13.86 -0.07 0.00	11.55 -0.13 0.00	14.13 -0.15 0.00	14.12 -0.15 0.00	14.55 -0.04 0.00	15.17 0.04 0.00	15.89 0.10 0.00	18.09 0.13 0.00	28.71 0.14 0.00	30.97 0.12 0.00	30.74 0.23 0.00	29.42 0.31 0.00	22.83 0.36 0.00	24.52 0.41 0.00	18.63 0.28 0.00
ONEIDA___115KV_TB4 55905	16.92 0.21 0.00	16.96 0.22 0.00	15.35 0.18 0.00	14.39 0.19 0.00	14.66 0.18 0.00	16.79 0.22 0.00	14.28 0.18 0.00	14.91 0.17 0.00	12.96 0.11 0.00	14.04 0.10 0.00	11.73 0.05 0.00	14.40 0.12 0.00	14.44 0.16 0.00	14.86 0.27 0.00	15.48 0.35 0.00	16.19 0.40 0.00	18.42 0.47 0.00	29.22 0.66 0.00	31.56 0.70 0.00	31.24 0.74 0.00	29.84 0.74 0.00	23.03 0.56 0.00	24.71 0.60 0.00	18.76 0.41 0.00
ONONDAGA_REF_OCCRA 23987	16.63 -0.08 0.00	16.66 -0.08 0.00	15.08 -0.09 0.00	14.13 -0.07 0.00	14.40 -0.07 0.00	16.50 -0.07 0.00	14.02 -0.08 0.00	14.67 -0.07 0.00	12.76 -0.09 0.00	13.85 -0.09 0.00	11.62 -0.06 0.00	14.29 0.02 0.00	14.34 0.06 0.00	14.68 0.09 0.00	15.24 0.10 0.00	15.91 0.12 0.00	18.05 0.09 0.00	28.60 0.04 0.00	30.86 0.01 0.00	30.55 0.04 0.00	29.16 0.06 0.00	22.50 0.02 0.00	24.18 0.07 0.00	18.39 0.04 0.00
ONONDAGA___COGEN 23986	16.55 -0.16 0.00	16.58 -0.16 0.00	15.02 -0.15 0.00	14.07 -0.12 0.00	14.34 -0.14 0.00	16.42 -0.16 0.00	13.95 -0.15 0.00	14.61 -0.13 0.00	12.71 -0.14 0.00	13.79 -0.14 0.00	11.59 -0.09 0.00	14.24 -0.04 0.00	14.28 0.00 0.00	14.60 0.01 0.00	15.16 0.03 0.00	15.81 0.02 0.00	17.94 -0.01 0.00	28.42 -0.15 0.00	30.64 -0.21 0.00	30.34 -0.16 0.00	28.97 -0.14 0.00	22.35 -0.11 0.00	24.01 -0.10 0.00	18.28 -0.06 0.00
ONTARIO___LFGE 23819	16.46 -0.25 0.00	16.46 -0.29 0.00	14.89 -0.28 0.00	13.95 -0.25 0.00	14.21 -0.26 0.00	16.31 -0.27 0.00	13.85 -0.25 0.00	14.56 -0.18 0.00	12.61 -0.24 0.00	13.71 -0.23 0.00	11.60 -0.08 0.00	14.37 0.10 0.00	14.44 0.16 0.00	14.76 0.17 0.00	15.31 0.18 0.00	15.97 0.18 0.00	18.13 0.17 0.00	28.58 0.02 0.00	30.80 -0.05 0.00	30.48 -0.02 0.00	29.16 0.06 0.00	22.57 0.11 0.00	24.34 0.23 0.00	18.54 0.20 0.00
ORANGEVILLE_WT_PWR 323706	15.73 -0.98 0.00	15.66 -1.08 0.00	14.15 -1.02 0.00	13.29 -0.91 0.00	13.55 -0.92 0.00	15.60 -0.97 0.00	13.23 -0.87 0.00	14.01 -0.73 0.00	12.13 -0.72 0.00	13.34 -0.60 0.00	11.35 -0.33 0.00	14.16 -0.12 0.00	14.18 -0.10 0.00	14.55 -0.04 0.00	15.03 -0.10 0.00	15.70 -0.09 0.00	17.69 -0.27 0.00	27.94 -0.63 0.00	30.12 -0.74 0.00	29.91 -0.59 0.00	28.69 -0.41 0.00	22.21 -0.26 0.00	24.22 0.10 0.00	18.61 0.26 0.00
ORANGEVILLE___ESR 323794	15.73 -0.98 0.00	15.66 -1.08 0.00	14.15 -1.02 0.00	13.29 -0.91 0.00	13.55 -0.92 0.00	15.60 -0.97 0.00	13.23 -0.87 0.00	14.01 -0.73 0.00	12.13 -0.72 0.00	13.34 -0.60 0.00	11.35 -0.33 0.00	14.16 -0.12 0.00	14.18 -0.10 0.00	14.55 -0.04 0.00	15.03 -0.10 0.00	15.70 -0.09 0.00	17.69 -0.27 0.00	27.94 -0.63 0.00	30.12 -0.74 0.00	29.91 -0.59 0.00	28.69 -0.41 0.00	22.21 -0.26 0.00	24.22 0.10 0.00	18.61 0.26 0.00
OSWEGATCHIE___HYD 24044	16.20 -0.51 0.00	16.33 -0.41 0.00	14.65 -0.52 0.00	13.75 -0.45 0.00	14.03 -0.44 0.00	16.15 -0.43 0.00	13.76 -0.34 0.00	14.32 -0.42 0.00	12.47 -0.39 0.00	13.45 -0.48 0.00	11.18 -0.50 0.00	13.59 -0.69 0.00	13.57 -0.71 0.00	14.02 -0.57 0.00	14.53 -0.60 0.00	15.22 -0.58 0.00	17.36 -0.60 0.00	27.71 -0.85 0.00	29.92 -0.93 0.00	29.69 -0.81 0.00	28.47 -0.63 0.00	22.15 -0.32 0.00	23.79 -0.32 0.00	18.17 -0.18 0.00
OSWEGO___5 23606	16.31 -0.40 0.00	16.34 -0.41 0.00	14.80 -0.37 0.00	13.86 -0.34 0.00	14.12 -0.35 0.00	16.18 -0.40 0.00	13.75 -0.35 0.00	14.39 -0.35 0.00	12.53 -0.33 0.00	13.59 -0.35 0.00	11.41 -0.27 0.00	14.00 -0.27 0.00	14.03 -0.25 0.00	14.34 -0.25 0.00	14.89 -0.24 0.00	15.53 -0.27 0.00	17.60 -0.35 0.00	27.90 -0.66 0.00	30.12 -0.73 0.00	29.80 -0.70 0.00	28.44 -0.66 0.00	21.96 -0.51 0.00	23.60 -0.52 0.00	17.98 -0.37 0.00
OSWEGO___6 23613	16.31 -0.40 0.00	16.34 -0.41 0.00	14.80 -0.37 0.00	13.86 -0.34 0.00	14.12 -0.35 0.00	16.18 -0.40 0.00	13.75 -0.35 0.00	14.39 -0.35 0.00	12.53 -0.33 0.00	13.59 -0.35 0.00	11.41 -0.27 0.00	14.00 -0.27 0.00	14.03 -0.25 0.00	14.34 -0.25 0.00	14.89 -0.24 0.00	15.53 -0.27 0.00	17.60 -0.35 0.00	27.90 -0.66 0.00	30.12 -0.73 0.00	29.80 -0.70 0.00	28.44 -0.66 0.00	21.96 -0.51 0.00	23.60 -0.52 0.00	17.98 -0.37 0.00
OUTOKUMPU-AB___DRP 24206	15.95 -0.76 0.00	15.84 -0.90 0.00	14.33 -0.85 0.00	13.43 -0.77 0.00	13.71 -0.76 0.00	15.77 -0.80 0.00	13.31 -0.79 0.00	14.11 -0.63 0.00	12.11 -0.74 0.00	13.35 -0.59 0.00	11.36 -0.32 0.00	14.23 -0.05 0.00	14.24 -0.04 0.00	14.58 -0.01 0.00	15.10 -0.03 0.00	15.76 -0.03 0.00	17.64 -0.32 0.00	27.82 -0.75 0.00	30.00 -0.85 0.00	29.73 -0.78 0.00	28.50 -0.61 0.00	22.10 -0.37 0.00	24.15 0.03 0.00	18.58 0.23 0.00

OXBOW___BTM 323836	15.79 -0.92 0.00	15.69 -1.05 0.00	14.18 -0.99 0.00	13.30 -0.90 0.00	13.57 -0.90 0.00	15.61 -0.97 0.00	13.16 -0.94 0.00	13.97 -0.78 0.00	11.98 -0.87 0.00	13.20 -0.74 0.00	11.24 -0.44 0.00	14.07 -0.20 0.00	14.08 -0.20 0.00	14.42 -0.17 0.00	14.94 -0.19 0.00	15.59 -0.20 0.00	17.43 -0.52 0.00	27.48 -1.08 0.00	29.64 -1.21 0.00	29.37 -1.13 0.00	28.15 -0.96 0.00	21.85 -0.62 0.00	23.86 -0.25 0.00	18.38 0.03 0.00
OXBOW____ 24026	15.78 -0.93 0.00	15.67 -1.07 0.00	14.18 -0.99 0.00	13.29 -0.90 0.00	13.57 -0.90 0.00	15.61 -0.97 0.00	13.17 -0.93 0.00	13.97 -0.78 0.00	11.98 -0.87 0.00	13.20 -0.74 0.00	11.24 -0.44 0.00	14.07 -0.20 0.00	14.08 -0.20 0.00	14.42 -0.17 0.00	14.94 -0.19 0.00	15.59 -0.20 0.00	17.43 -0.52 0.00	27.49 -1.08 0.00	29.64 -1.21 0.00	29.37 -1.13 0.00	28.15 -0.96 0.00	21.85 -0.62 0.00	23.86 -0.25 0.00	18.38 0.03 0.00
OXY_CHEM_DSASP 323612	15.62 -1.09 0.00	15.51 -1.23 0.00	14.04 -1.13 0.00	13.17 -1.03 0.00	13.44 -1.03 0.00	15.45 -1.13 0.00	13.02 -1.08 0.00	13.82 -0.92 0.00	11.85 -1.01 0.00	13.05 -0.88 0.00	11.11 -0.57 0.00	13.91 -0.37 0.00	13.91 -0.37 0.00	14.26 -0.34 0.00	14.76 -0.37 0.00	15.40 -0.39 0.00	17.21 -0.74 0.00	27.14 -1.43 0.00	29.26 -1.59 0.00	28.98 -1.52 0.00	27.77 -1.34 0.00	21.56 -0.91 0.00	23.55 -0.56 0.00	18.16 -0.18 0.00
OZONE_PARK_ESR 323760	17.80 1.09 0.00	17.91 1.16 0.00	16.25 1.08 0.00	15.25 1.06 0.00	15.45 0.98 0.00	17.63 1.05 0.00	15.12 1.01 0.00	15.80 1.06 0.00	13.86 1.00 0.00	14.98 1.05 0.00	12.59 0.91 0.00	15.35 1.08 0.00	15.37 1.09 0.00	15.63 1.04 0.00	16.24 1.10 0.00	16.96 1.16 0.00	19.35 1.39 0.00	30.70 2.14 0.00	33.17 2.32 0.00	32.82 2.32 0.00	31.27 2.17 0.00	24.13 1.66 0.00	25.81 1.70 0.00	19.47 1.13 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	15.62 -1.09 0.00	15.51 -1.23 0.00	14.04 -1.13 0.00	13.17 -1.03 0.00	13.44 -1.03 0.00	15.45 -1.13 0.00	13.02 -1.08 0.00	13.82 -0.92 0.00	11.85 -1.01 0.00	13.05 -0.88 0.00	11.11 -0.57 0.00	13.91 -0.37 0.00	13.91 -0.37 0.00	14.26 -0.34 0.00	14.76 -0.37 0.00	15.40 -0.39 0.00	17.21 -0.74 0.00	27.14 -1.43 0.00	29.26 -1.59 0.00	28.98 -1.52 0.00	27.77 -1.34 0.00	21.56 -0.91 0.00	23.55 -0.56 0.00	18.16 -0.18 0.00
PACKARD__115KV_DUPONT_184 80571	15.62 -1.09 0.00	15.51 -1.23 0.00	14.04 -1.13 0.00	13.17 -1.03 0.00	13.44 -1.03 0.00	15.45 -1.13 0.00	13.02 -1.08 0.00	13.82 -0.92 0.00	11.85 -1.01 0.00	13.05 -0.88 0.00	11.11 -0.57 0.00	13.91 -0.37 0.00	13.91 -0.37 0.00	14.26 -0.34 0.00	14.76 -0.37 0.00	15.40 -0.39 0.00	17.21 -0.74 0.00	27.14 -1.43 0.00	29.26 -1.59 0.00	28.98 -1.52 0.00	27.77 -1.34 0.00	21.56 -0.91 0.00	23.55 -0.56 0.00	18.16 -0.18 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	17.65 0.94 0.00	17.77 1.02 0.00	16.15 0.98 0.00	15.14 0.95 0.00	15.33 0.86 0.00	17.49 0.91 0.00	15.01 0.91 0.00	15.69 0.94 0.00	13.74 0.89 0.00	14.84 0.91 0.00	12.47 0.79 0.00	15.20 0.92 0.00	15.22 0.94 0.00	15.46 0.87 0.00	16.06 0.93 0.00	16.77 0.98 0.00	19.13 1.17 0.00	30.34 1.77 0.00	32.80 1.95 0.00	32.50 2.00 0.00	30.94 1.84 0.00	23.88 1.41 0.00	25.53 1.42 0.00	19.31 0.97 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	17.70 0.99 0.00	17.83 1.09 0.00	16.22 1.05 0.00	15.22 1.02 0.00	15.41 0.94 0.00	17.58 1.01 0.00	15.09 0.99 0.00	15.71 0.96 0.00	13.74 0.89 0.00	14.85 0.92 0.00	12.47 0.79 0.00	15.20 0.92 0.00	15.22 0.94 0.00	15.46 0.87 0.00	16.07 0.93 0.00	16.77 0.98 0.00	19.13 1.18 0.00	30.37 1.81 0.00	32.82 1.97 0.00	32.53 2.03 0.00	31.00 1.89 0.00	23.91 1.44 0.00	25.56 1.45 0.00	19.35 1.00 0.00
PATROON__115KV_TB1 80586	16.84 0.13 0.00	16.98 0.24 0.00	15.45 0.28 0.00	14.51 0.31 0.00	14.74 0.27 0.00	16.80 0.23 0.00	14.34 0.24 0.00	14.92 0.17 0.00	13.05 0.19 0.00	14.09 0.15 0.00	11.78 0.10 0.00	14.39 0.11 0.00	14.39 0.11 0.00	14.69 0.10 0.00	15.26 0.13 0.00	15.94 0.15 0.00	18.17 0.21 0.00	28.88 0.31 0.00	31.24 0.39 0.00	30.90 0.40 0.00	29.45 0.34 0.00	22.69 0.22 0.00	24.29 0.17 0.00	18.40 0.06 0.00
PATTRSNVILLE__SOLAR 323815	17.28 0.57 0.00	17.32 0.57 0.00	15.70 0.53 0.00	14.71 0.51 0.00	14.96 0.49 0.00	17.14 0.57 0.00	14.57 0.47 0.00	15.21 0.47 0.00	13.19 0.33 0.00	14.24 0.30 0.00	11.92 0.24 0.00	14.58 0.30 0.00	14.58 0.30 0.00	14.88 0.29 0.00	15.56 0.43 0.00	16.28 0.49 0.00	18.61 0.65 0.00	29.67 1.10 0.00	32.02 1.16 0.00	31.72 1.21 0.00	30.24 1.13 0.00	23.31 0.84 0.00	24.96 0.85 0.00	18.95 0.60 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	16.39 -0.32 0.00	16.30 -0.44 0.00	14.74 -0.43 0.00	13.81 -0.39 0.00	14.09 -0.38 0.00	16.21 -0.36 0.00	13.70 -0.40 0.00	14.49 -0.26 0.00	12.47 -0.38 0.00	13.70 -0.23 0.00	11.65 -0.03 0.00	14.58 0.31 0.00	14.61 0.33 0.00	14.94 0.35 0.00	15.49 0.36 0.00	16.15 0.36 0.00	18.14 0.18 0.00	28.59 0.02 0.00	30.80 -0.05 0.00	30.52 0.02 0.00	29.23 0.12 0.00	22.66 0.19 0.00	24.73 0.62 0.00	18.96 0.62 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	17.74 1.04 0.00	17.82 1.07 0.00	16.16 0.99 0.00	15.17 0.97 0.00	15.38 0.91 0.00	17.57 0.99 0.00	15.03 0.93 0.00	15.72 0.97 0.00	13.76 0.90 0.00	14.88 0.94 0.00	12.47 0.79 0.00	15.23 0.95 0.00	15.22 0.94 0.00	15.48 0.88 0.00	16.09 0.96 0.00	16.84 1.05 0.00	19.23 1.28 0.00	30.61 2.05 0.00	33.10 2.25 0.00	32.79 2.28 0.00	31.19 2.09 0.00	24.03 1.56 0.00	25.69 1.58 0.00	19.37 1.02 0.00
PEEKSKILL____ 23653	17.54 0.84 0.00	17.63 0.89 0.00	16.00 0.83 0.00	15.02 0.82 0.00	15.23 0.76 0.00	17.38 0.81 0.00	14.88 0.78 0.00	15.55 0.81 0.00	13.61 0.76 0.00	14.73 0.79 0.00	12.36 0.68 0.00	15.07 0.80 0.00	15.08 0.80 0.00	15.33 0.74 0.00	15.92 0.79 0.00	16.64 0.85 0.00	18.99 1.04 0.00	30.19 1.63 0.00	32.64 1.79 0.00	32.32 1.82 0.00	30.76 1.65 0.00	23.72 1.25 0.00	25.39 1.28 0.00	19.16 0.81 0.00
PGE MADISON__WINDPWR 24146	17.24 0.53 0.00	17.26 0.52 0.00	15.78 0.61 0.00	14.80 0.60 0.00	15.14 0.66 0.00	17.39 0.82 0.00	14.82 0.72 0.00	15.60 0.86 0.00	13.60 0.75 0.00	14.69 0.76 0.00	12.22 0.54 0.00	15.12 0.85 0.00	15.15 0.87 0.00	15.68 1.09 0.00	16.27 1.13 0.00	17.05 1.25 0.00	19.49 1.53 0.00	30.82 2.26 0.00	33.20 2.35 0.00	32.95 2.44 0.00	31.40 2.30 0.00	24.10 1.63 0.00	25.88 1.77 0.00	19.58 1.24 0.00
PIERCEFIELD__HYD 23852	16.23 -0.47 0.00	16.26 -0.49 0.00	14.65 -0.52 0.00	13.67 -0.52 0.00	13.95 -0.52 0.00	16.08 -0.49 0.00	13.72 -0.38 0.00	14.32 -0.43 0.00	12.47 -0.39 0.00	13.53 -0.41 0.00	11.28 -0.40 0.00	13.67 -0.61 0.00	13.66 -0.62 0.00	14.03 -0.56 0.00	14.44 -0.69 0.00	15.08 -0.72 0.00	17.22 -0.74 0.00	27.68 -0.89 0.00	29.92 -0.93 0.00	29.58 -0.93 0.00	28.28 -0.82 0.00	21.84 -0.63 0.00	23.39 -0.72 0.00	17.93 -0.42 0.00

PINELAWN_CC_1 323563	17.77 1.06 0.00	17.92 1.17 0.00	16.25 1.08 0.00	15.19 0.99 0.00	15.39 0.92 0.00	17.51 0.94 0.00	15.00 0.90 0.00	15.70 0.95 0.00	13.73 0.88 0.00	14.92 0.99 0.00	12.61 0.93 0.00	15.30 1.02 0.00	15.20 0.92 0.00	15.40 0.81 0.00	15.99 0.85 0.00	16.77 0.98 0.00	19.29 1.33 0.00	30.70 2.14 0.00	33.14 2.29 0.00	32.83 2.33 0.00	30.92 1.82 0.00	23.95 1.48 0.00	25.52 1.41 0.00	19.28 0.93 0.00
PJM_GEN_HTP_PROXY 323702	17.65 0.95 0.00	17.76 1.02 0.00	16.13 0.96 0.00	15.15 0.95 0.00	15.34 0.87 0.00	17.51 0.93 0.00	15.01 0.91 0.00	15.69 0.95 0.00	13.76 0.90 0.00	14.87 0.94 0.00	12.50 0.81 0.00	15.24 0.96 0.00	15.25 0.97 0.00	15.58 0.92 -0.07	16.11 0.97 0.00	16.82 1.03 0.00	19.19 1.23 0.00	30.27 1.90 0.20	32.91 2.06 0.00	32.55 2.05 0.00	30.98 1.88 0.00	23.90 1.43 0.00	25.57 1.46 0.00	19.30 0.95 0.00
PJM_GEN_KEystone 24065	16.92 0.21 0.00	16.96 0.21 0.00	15.36 0.18 0.00	14.40 0.20 0.00	14.62 0.15 0.00	16.75 0.17 0.00	14.27 0.17 0.00	14.95 0.21 0.00	13.00 0.14 0.00	14.11 0.17 0.00	11.90 0.21 0.00	14.67 0.40 0.00	14.73 0.45 0.00	15.07 0.41 -0.07	15.58 0.45 0.00	16.24 0.45 0.00	18.43 0.48 0.00	28.94 0.58 0.20	31.40 0.55 0.00	31.09 0.58 0.00	29.61 0.50 0.00	22.17 0.40 0.70	24.74 0.63 0.00	18.76 0.41 0.00
PJM_GEN_NEPTUNE_PROXY 323594	17.62 0.91 0.00	17.75 1.01 0.00	16.11 0.93 0.00	15.08 0.88 0.00	15.27 0.80 0.00	17.39 0.82 0.00	14.89 0.78 0.00	15.57 0.83 0.00	13.64 0.78 0.00	14.82 0.88 0.00	12.50 0.82 0.00	15.18 0.90 0.00	15.13 0.85 0.00	15.42 0.76 -0.07	15.94 0.80 0.00	16.70 0.91 0.00	19.16 1.21 0.00	30.26 1.90 0.20	32.85 2.00 0.00	32.50 2.00 0.00	30.61 1.51 0.00	23.69 1.22 0.00	25.26 1.15 0.00	19.09 0.75 0.00
PJM_GEN_VFT_PROXY 323633	17.59 0.88 0.00	17.69 0.95 0.00	16.08 0.91 0.00	15.10 0.90 0.00	15.29 0.82 0.00	17.44 0.87 0.00	14.96 0.86 0.00	15.64 0.90 0.00	13.71 0.85 0.00	14.81 0.87 0.00	12.44 0.76 0.00	15.17 0.89 0.00	15.19 0.91 0.00	15.52 0.86 -0.07	16.05 0.92 0.00	16.76 0.97 0.00	19.12 1.16 0.00	30.13 1.77 0.20	32.78 1.93 0.00	32.43 1.92 0.00	30.85 1.75 0.00	23.80 1.33 0.00	25.47 1.36 0.00	19.23 0.88 0.00
PLATSBURG_115KV_PMLD1 355749	17.27 0.56 0.00	17.31 0.57 0.00	15.52 0.35 0.00	14.35 0.16 0.00	14.37 -0.10 0.00	16.88 0.30 0.00	14.68 0.58 0.00	15.12 0.38 0.00	13.20 0.34 0.00	14.39 0.46 0.00	11.99 0.31 0.00	14.47 0.19 0.00	14.58 0.30 0.00	15.15 0.56 0.00	15.45 0.32 0.00	15.85 0.06 0.00	18.18 0.22 0.00	29.82 1.26 0.00	32.50 1.64 0.00	32.11 1.60 0.00	30.33 1.22 0.00	23.10 0.63 0.00	24.41 0.30 0.00	18.89 0.55 0.00
PLEASANTVLY___LBMP 24000	17.45 0.75 0.00	17.54 0.80 0.00	15.91 0.74 0.00	14.94 0.74 0.00	15.16 0.69 0.00	17.30 0.73 0.00	14.80 0.70 0.00	15.45 0.71 0.00	13.52 0.67 0.00	14.63 0.70 0.00	12.27 0.59 0.00	14.98 0.70 0.00	14.97 0.69 0.00	15.22 0.63 0.00	15.80 0.67 0.00	16.50 0.71 0.00	18.82 0.87 0.00	29.95 1.39 0.00	32.41 1.56 0.00	32.10 1.59 0.00	30.55 1.44 0.00	23.55 1.08 0.00	25.21 1.09 0.00	19.04 0.69 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	17.58 0.87 0.00	17.67 0.93 0.00	16.04 0.86 0.00	15.06 0.86 0.00	15.26 0.79 0.00	17.42 0.85 0.00	14.91 0.81 0.00	15.58 0.84 0.00	13.64 0.79 0.00	14.76 0.83 0.00	12.39 0.71 0.00	15.11 0.83 0.00	15.11 0.83 0.00	15.36 0.77 0.00	15.95 0.82 0.00	16.67 0.88 0.00	19.02 1.07 0.00	30.25 1.69 0.00	32.69 1.84 0.00	32.38 1.88 0.00	30.80 1.69 0.00	23.76 1.29 0.00	25.44 1.32 0.00	19.20 0.85 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	17.58 0.87 0.00	17.67 0.93 0.00	16.04 0.86 0.00	15.06 0.86 0.00	15.26 0.79 0.00	17.42 0.85 0.00	14.91 0.81 0.00	15.58 0.84 0.00	13.64 0.79 0.00	14.76 0.83 0.00	12.39 0.71 0.00	15.11 0.83 0.00	15.11 0.83 0.00	15.36 0.77 0.00	15.95 0.82 0.00	16.67 0.88 0.00	19.02 1.07 0.00	30.25 1.69 0.00	32.69 1.84 0.00	32.38 1.88 0.00	30.80 1.69 0.00	23.76 1.29 0.00	25.44 1.32 0.00	19.20 0.85 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	17.82 1.11 0.00	17.88 1.14 0.00	16.22 1.05 0.00	15.22 1.02 0.00	15.44 0.97 0.00	17.64 1.07 0.00	15.09 0.99 0.00	15.78 1.03 0.00	13.79 0.94 0.00	14.89 0.95 0.00	12.46 0.78 0.00	15.21 0.93 0.00	15.21 0.93 0.00	15.47 0.87 0.00	16.11 0.97 0.00	16.90 1.11 0.00	19.33 1.37 0.00	30.78 2.21 0.00	33.28 2.43 0.00	32.98 2.47 0.00	31.37 2.27 0.00	24.15 1.68 0.00	25.83 1.72 0.00	19.47 1.12 0.00
POLETTI____ 23519	17.63 0.92 0.00	17.73 0.99 0.00	16.11 0.93 0.00	15.12 0.93 0.00	15.32 0.84 0.00	17.47 0.90 0.00	14.99 0.88 0.00	15.67 0.92 0.00	13.75 0.89 0.00	14.85 0.91 0.00	12.48 0.80 0.00	15.21 0.94 0.00	15.22 0.94 0.00	15.48 0.89 0.00	16.08 0.95 0.00	16.79 1.00 0.00	19.16 1.20 0.00	30.39 1.82 0.00	32.83 1.98 0.00	32.48 1.97 0.00	30.93 1.82 0.00	23.86 1.39 0.00	25.52 1.41 0.00	19.26 0.92 0.00
POMONA___ESR 323819	17.54 0.84 0.00	17.63 0.89 0.00	16.00 0.83 0.00	15.01 0.81 0.00	15.22 0.75 0.00	17.38 0.80 0.00	14.88 0.77 0.00	15.55 0.80 0.00	13.59 0.74 0.00	14.69 0.76 0.00	12.32 0.64 0.00	15.05 0.77 0.00	15.07 0.80 0.00	15.35 0.75 0.00	15.94 0.81 0.00	16.66 0.87 0.00	19.01 1.05 0.00	30.20 1.64 0.00	32.63 1.77 0.00	32.35 1.84 0.00	30.75 1.64 0.00	23.70 1.23 0.00	25.41 1.30 0.00	19.17 0.83 0.00
PORT_JEFF_3 23555	17.76 1.05 0.00	17.95 1.21 0.00	16.30 1.12 0.00	15.23 1.03 0.00	15.45 0.97 0.00	17.57 1.00 0.00	15.05 0.94 0.00	15.74 1.00 0.00	13.78 0.92 0.00	14.98 1.05 0.00	12.66 0.98 0.00	15.32 1.05 0.00	15.23 0.95 0.00	15.39 0.80 0.00	15.95 0.82 0.00	16.74 0.95 0.00	19.34 1.38 0.00	30.88 2.31 0.00	33.29 2.44 0.00	32.98 2.48 0.00	30.93 1.82 0.00	23.96 1.49 0.00	25.51 1.40 0.00	19.29 0.95 0.00
PORT_JEFF_4 23616	17.76 1.05 0.00	17.95 1.21 0.00	16.30 1.12 0.00	15.23 1.03 0.00	15.45 0.97 0.00	17.57 1.00 0.00	15.05 0.94 0.00	15.74 1.00 0.00	13.78 0.92 0.00	14.98 1.05 0.00	12.66 0.98 0.00	15.32 1.05 0.00	15.23 0.95 0.00	15.39 0.80 0.00	15.95 0.82 0.00	16.74 0.95 0.00	19.34 1.38 0.00	30.88 2.31 0.00	33.29 2.44 0.00	32.98 2.48 0.00	30.93 1.82 0.00	23.96 1.49 0.00	25.51 1.40 0.00	19.29 0.95 0.00
PORT_JEFF_IC 23713	17.76 1.05 0.00	17.96 1.22 0.00	16.30 1.12 0.00	15.23 1.03 0.00	15.45 0.98 0.00	17.57 1.00 0.00	15.05 0.95 0.00	15.75 1.00 0.00	13.78 0.93 0.00	14.99 1.05 0.00	12.66 0.98 0.00	15.33 1.05 0.00	15.24 0.96 0.00	15.38 0.79 0.00	15.95 0.82 0.00	16.71 0.92 0.00	19.32 1.36 0.00	30.91 2.34 0.00	33.33 2.47 0.00	33.01 2.51 0.00	30.95 1.85 0.00	23.98 1.51 0.00	25.52 1.41 0.00	19.30 0.95 0.00

PPL PILGRIM_ST_GT1 24216	17.83 1.13 0.00	18.01 1.27 0.00	16.33 1.16 0.00	15.25 1.05 0.00	15.45 0.97 0.00	17.57 1.00 0.00	15.05 0.94 0.00	15.75 1.01 0.00	13.79 0.94 0.00	15.00 1.06 0.00	12.69 1.01 0.00	15.38 1.11 0.00	15.28 1.00 0.00	15.46 0.87 0.00	16.03 0.90 0.00	16.84 1.05 0.00	19.40 1.44 0.00	30.85 2.29 0.00	33.28 2.43 0.00	32.96 2.46 0.00	31.00 1.89 0.00	24.05 1.58 0.00	25.61 1.50 0.00	19.36 1.02 0.00
PPL PILGRIM_ST_GT2 24217	17.83 1.13 0.00	18.01 1.27 0.00	16.33 1.16 0.00	15.25 1.05 0.00	15.45 0.97 0.00	17.57 1.00 0.00	15.05 0.94 0.00	15.75 1.01 0.00	13.79 0.94 0.00	15.00 1.06 0.00	12.69 1.01 0.00	15.38 1.11 0.00	15.28 1.00 0.00	15.46 0.87 0.00	16.03 0.90 0.00	16.84 1.05 0.00	19.40 1.44 0.00	30.85 2.29 0.00	33.28 2.43 0.00	32.96 2.46 0.00	31.00 1.89 0.00	24.05 1.58 0.00	25.61 1.50 0.00	19.36 1.02 0.00
PPL_SHRM_GT3 24213	17.59 0.88 0.00	17.87 1.12 0.00	16.22 1.05 0.00	15.20 1.00 0.00	15.47 0.99 0.00	17.58 1.01 0.00	15.06 0.96 0.00	15.75 1.01 0.00	13.78 0.93 0.00	14.98 1.05 0.00	12.60 0.91 0.00	15.19 0.91 0.00	15.08 0.80 0.00	15.22 0.63 0.00	15.77 0.64 0.00	16.62 0.83 0.00	19.28 1.32 0.00	30.84 2.28 0.00	33.28 2.43 0.00	32.99 2.49 0.00	30.70 1.60 0.00	23.77 1.30 0.00	25.27 1.16 0.00	19.14 0.80 0.00
PPL_SHRM_GT4 24214	17.59 0.88 0.00	17.87 1.12 0.00	16.22 1.05 0.00	15.20 1.00 0.00	15.47 0.99 0.00	17.58 1.01 0.00	15.06 0.96 0.00	15.75 1.01 0.00	13.78 0.93 0.00	14.98 1.05 0.00	12.60 0.91 0.00	15.19 0.91 0.00	15.08 0.80 0.00	15.22 0.63 0.00	15.77 0.64 0.00	16.62 0.83 0.00	19.28 1.32 0.00	30.84 2.28 0.00	33.28 2.43 0.00	32.99 2.49 0.00	30.70 1.60 0.00	23.77 1.30 0.00	25.27 1.16 0.00	19.14 0.80 0.00
PROJECT___ORANGE 1 24174	16.53 -0.18 0.00	16.55 -0.19 0.00	14.99 -0.18 0.00	14.05 -0.15 0.00	14.31 -0.16 0.00	16.40 -0.17 0.00	13.93 -0.17 0.00	14.58 -0.16 0.00	12.69 -0.17 0.00	13.77 -0.17 0.00	11.57 -0.11 0.00	14.23 -0.05 0.00	14.26 -0.02 0.00	14.59 0.00 0.00	15.15 0.02 0.00	15.80 0.01 0.00	17.92 -0.04 0.00	28.38 -0.18 0.00	30.63 -0.22 0.00	30.31 -0.19 0.00	28.93 -0.18 0.00	22.32 -0.15 0.00	24.01 -0.10 0.00	18.26 -0.08 0.00
PROJECT___ORANGE 2 24166	16.53 -0.18 0.00	16.55 -0.19 0.00	14.99 -0.18 0.00	14.05 -0.15 0.00	14.31 -0.16 0.00	16.40 -0.17 0.00	13.93 -0.17 0.00	14.58 -0.16 0.00	12.69 -0.17 0.00	13.77 -0.17 0.00	11.57 -0.11 0.00	14.23 -0.05 0.00	14.26 -0.02 0.00	14.59 0.00 0.00	15.15 0.02 0.00	15.80 0.01 0.00	17.92 -0.04 0.00	28.38 -0.18 0.00	30.63 -0.22 0.00	30.31 -0.19 0.00	28.93 -0.18 0.00	22.32 -0.15 0.00	24.01 -0.10 0.00	18.26 -0.08 0.00
PUCKETT___SOLAR 323809	16.86 0.16 0.00	16.91 0.16 0.00	15.36 0.19 0.00	14.40 0.20 0.00	14.69 0.21 0.00	16.83 0.26 0.00	14.31 0.21 0.00	15.00 0.25 0.00	13.03 0.17 0.00	14.10 0.17 0.00	11.84 0.16 0.00	14.60 0.33 0.00	14.63 0.35 0.00	14.99 0.40 0.00	15.54 0.40 0.00	16.27 0.48 0.00	18.52 0.56 0.00	29.27 0.71 0.00	31.54 0.69 0.00	31.23 0.73 0.00	29.79 0.69 0.00	22.95 0.48 0.00	24.75 0.64 0.00	18.77 0.42 0.00
PYRITES___HYD 24023	16.63 -0.08 0.00	16.63 -0.12 0.00	15.00 -0.17 0.00	13.99 -0.21 0.00	14.29 -0.19 0.00	16.46 -0.11 0.00	14.04 -0.06 0.00	14.66 -0.09 0.00	12.70 -0.15 0.00	13.77 -0.16 0.00	11.47 -0.21 0.00	13.95 -0.33 0.00	13.95 -0.33 0.00	14.29 -0.30 0.00	14.66 -0.47 0.00	15.33 -0.46 0.00	17.59 -0.37 0.00	28.39 -0.17 0.00	30.70 -0.16 0.00	30.31 -0.19 0.00	29.01 -0.10 0.00	22.37 -0.10 0.00	23.95 -0.16 0.00	18.34 0.00 0.00
QUAKERRD_115KV_BK1 80622	15.92 -0.78 0.00	15.88 -0.86 0.00	14.38 -0.79 0.00	13.47 -0.73 0.00	13.74 -0.74 0.00	15.76 -0.81 0.00	13.36 -0.75 0.00	14.05 -0.69 0.00	12.15 -0.70 0.00	13.29 -0.64 0.00	11.24 -0.45 0.00	13.92 -0.36 0.00	13.96 -0.31 0.00	14.27 -0.32 0.00	14.80 -0.33 0.00	15.44 -0.35 0.00	17.42 -0.54 0.00	27.55 -1.02 0.00	29.73 -1.13 0.00	29.43 -1.07 0.00	28.14 -0.97 0.00	21.74 -0.73 0.00	23.47 -0.64 0.00	17.95 -0.40 0.00
QUENSRY_115KV_TB8 356137	17.21 0.50 0.00	17.24 0.49 0.00	15.58 0.41 0.00	14.63 0.44 0.00	14.91 0.44 0.00	17.09 0.52 0.00	14.57 0.46 0.00	15.18 0.43 0.00	13.23 0.37 0.00	14.25 0.31 0.00	11.85 0.17 0.00	14.45 0.17 0.00	14.36 0.08 0.00	14.63 0.04 0.00	15.32 0.19 0.00	16.10 0.31 0.00	18.49 0.53 0.00	29.79 1.23 0.00	32.23 1.38 0.00	31.91 1.40 0.00	30.32 1.21 0.00	23.28 0.81 0.00	24.82 0.71 0.00	18.68 0.33 0.00
RAMAPO___LBMP 323565	17.48 0.78 0.00	17.58 0.83 0.00	15.95 0.78 0.00	14.96 0.77 0.00	15.17 0.70 0.00	17.32 0.75 0.00	14.83 0.72 0.00	15.49 0.75 0.00	13.54 0.69 0.00	14.64 0.70 0.00	12.27 0.59 0.00	14.99 0.71 0.00	15.02 0.74 0.00	15.29 0.69 0.00	15.88 0.75 0.00	16.59 0.80 0.00	18.92 0.97 0.00	30.07 1.50 0.00	32.48 1.62 0.00	32.19 1.69 0.00	30.60 1.49 0.00	23.59 1.12 0.00	25.30 1.19 0.00	19.09 0.75 0.00
RANKINE____ 23646	16.08 -0.63 0.00	15.99 -0.75 0.00	14.45 -0.72 0.00	13.55 -0.65 0.00	13.83 -0.64 0.00	15.91 -0.66 0.00	13.46 -0.65 0.00	14.25 -0.49 0.00	12.26 -0.59 0.00	13.49 -0.45 0.00	11.48 -0.20 0.00	14.37 0.09 0.00	14.39 0.11 0.00	14.73 0.13 0.00	15.26 0.13 0.00	15.92 0.13 0.00	17.86 -0.10 0.00	28.16 -0.40 0.00	30.35 -0.50 0.00	30.10 -0.41 0.00	28.84 -0.26 0.00	22.37 -0.10 0.00	24.42 0.31 0.00	18.75 0.41 0.00
RAVENSWOOD_GT2_1 24244	17.65 0.94 0.00	17.75 1.01 0.00	16.12 0.95 0.00	15.13 0.94 0.00	15.33 0.86 0.00	17.49 0.92 0.00	14.99 0.90 0.00	15.68 0.93 0.00	13.75 0.89 0.00	14.86 0.92 0.00	12.48 0.80 0.00	15.22 0.94 0.00	15.23 0.95 0.00	15.49 0.90 0.00	16.08 0.95 0.00	16.80 1.01 0.00	19.17 1.22 0.00	30.42 1.86 0.00	32.86 2.01 0.00	32.53 2.03 0.00	30.97 1.87 0.00	23.90 1.43 0.00	25.57 1.46 0.00	19.30 0.95 0.00
RAVENSWOOD_GT2_2 24245	17.65 0.94 0.00	17.75 1.01 0.00	16.12 0.95 0.00	15.13 0.94 0.00	15.33 0.86 0.00	17.49 0.92 0.00	14.99 0.90 0.00	15.68 0.93 0.00	13.75 0.89 0.00	14.86 0.92 0.00	12.48 0.80 0.00	15.22 0.94 0.00	15.23 0.95 0.00	15.49 0.90 0.00	16.08 0.95 0.00	16.80 1.01 0.00	19.17 1.22 0.00	30.42 1.86 0.00	32.86 2.01 0.00	32.53 2.03 0.00	30.97 1.87 0.00	23.90 1.43 0.00	25.57 1.46 0.00	19.30 0.95 0.00
RAVENSWOOD_GT2_3 24246	17.65 0.95 0.00	17.76 1.01 0.00	16.12 0.95 0.00	15.14 0.94 0.00	15.33 0.86 0.00	17.49 0.92 0.00	15.00 0.90 0.00	15.68 0.94 0.00	13.75 0.89 0.00	14.86 0.92 0.00	12.48 0.80 0.00	15.22 0.95 0.00	15.23 0.96 0.00	15.49 0.90 0.00	16.09 0.95 0.00	16.81 1.01 0.00	19.17 1.22 0.00	30.42 1.86 0.00	32.86 2.01 0.00	32.53 2.03 0.00	30.98 1.87 0.00	23.90 1.43 0.00	25.57 1.46 0.00	19.30 0.95 0.00

RAVENSWOOD_GT2_4 24247	17.65 0.95 0.00	17.76 1.01 0.00	16.12 0.95 0.00	15.14 0.94 0.00	15.33 0.86 0.00	17.49 0.92 0.00	15.00 0.90 0.00	15.68 0.94 0.00	13.75 0.89 0.00	14.86 0.92 0.00	12.48 0.80 0.00	15.22 0.95 0.00	15.23 0.96 0.00	15.49 0.90 0.00	16.09 0.95 0.00	16.81 1.01 0.00	19.17 1.22 0.00	30.42 1.86 0.00	32.86 2.01 0.00	32.53 2.03 0.00	30.98 1.87 0.00	23.90 1.43 0.00	25.57 1.46 0.00	19.30 0.95 0.00
RAVENSWOOD_GT3_1 24248	17.65 0.95 0.00	17.76 1.01 0.00	16.12 0.95 0.00	15.14 0.94 0.00	15.33 0.86 0.00	17.49 0.92 0.00	15.00 0.90 0.00	15.68 0.94 0.00	13.75 0.89 0.00	14.86 0.92 0.00	12.48 0.80 0.00	15.22 0.94 0.00	15.23 0.96 0.00	15.49 0.90 0.00	16.09 0.95 0.00	16.81 1.01 0.00	19.17 1.22 0.00	30.42 1.86 0.00	32.86 2.01 0.00	32.53 2.03 0.00	30.98 1.87 0.00	23.90 1.43 0.00	25.57 1.46 0.00	19.30 0.95 0.00
RAVENSWOOD_GT3_2 24249	17.65 0.95 0.00	17.76 1.01 0.00	16.12 0.95 0.00	15.14 0.94 0.00	15.33 0.86 0.00	17.49 0.92 0.00	15.00 0.90 0.00	15.68 0.94 0.00	13.75 0.89 0.00	14.86 0.92 0.00	12.48 0.80 0.00	15.22 0.94 0.00	15.23 0.96 0.00	15.49 0.90 0.00	16.09 0.95 0.00	16.81 1.01 0.00	19.17 1.22 0.00	30.42 1.86 0.00	32.86 2.01 0.00	32.53 2.03 0.00	30.98 1.87 0.00	23.90 1.43 0.00	25.57 1.46 0.00	19.30 0.95 0.00
RAVENSWOOD_GT3_3 24250	17.67 0.96 0.00	17.78 1.04 0.00	16.14 0.97 0.00	15.16 0.96 0.00	15.35 0.88 0.00	17.51 0.94 0.00	15.02 0.92 0.00	15.70 0.95 0.00	13.76 0.91 0.00	14.88 0.94 0.00	12.50 0.82 0.00	15.24 0.97 0.00	15.25 0.97 0.00	15.51 0.92 0.00	16.11 0.98 0.00	16.83 1.03 0.00	19.20 1.24 0.00	30.47 1.91 0.00	32.92 2.07 0.00	32.57 2.07 0.00	31.02 1.92 0.00	23.94 1.47 0.00	25.61 1.50 0.00	19.32 0.97 0.00
RAVENSWOOD_GT3_4 24251	17.67 0.96 0.00	17.78 1.04 0.00	16.14 0.97 0.00	15.16 0.96 0.00	15.35 0.88 0.00	17.51 0.94 0.00	15.02 0.92 0.00	15.70 0.95 0.00	13.76 0.91 0.00	14.88 0.94 0.00	12.50 0.82 0.00	15.24 0.97 0.00	15.25 0.97 0.00	15.51 0.92 0.00	16.11 0.98 0.00	16.83 1.03 0.00	19.20 1.24 0.00	30.47 1.91 0.00	32.92 2.07 0.00	32.57 2.07 0.00	31.02 1.92 0.00	23.94 1.47 0.00	25.61 1.50 0.00	19.32 0.97 0.00
RAVENSWOOD_GT_1 23729	17.67 0.96 0.00	17.78 1.04 0.00	16.16 0.98 0.00	15.17 0.97 0.00	15.35 0.88 0.00	17.51 0.94 0.00	15.03 0.93 0.00	15.71 0.96 0.00	13.78 0.92 0.00	14.88 0.95 0.00	12.51 0.83 0.00	15.25 0.97 0.00	15.26 0.99 0.00	15.51 0.93 0.00	16.11 0.98 0.00	16.83 1.04 0.00	19.20 1.24 0.00	30.44 1.88 0.00	32.88 2.03 0.00	32.56 2.06 0.00	31.02 1.92 0.00	23.94 1.47 0.00	25.61 1.50 0.00	19.33 0.99 0.00
RAVENSWOOD_GT_10 24258	17.65 0.95 0.00	17.76 1.01 0.00	16.12 0.95 0.00	15.13 0.94 0.00	15.33 0.86 0.00	17.49 0.92 0.00	15.00 0.90 0.00	15.68 0.94 0.00	13.75 0.89 0.00	14.86 0.92 0.00	12.48 0.80 0.00	15.22 0.94 0.00	15.23 0.95 0.00	15.49 0.90 0.00	16.09 0.95 0.00	16.80 1.01 0.00	19.17 1.22 0.00	30.42 1.86 0.00	32.86 2.01 0.00	32.53 2.03 0.00	30.98 1.87 0.00	23.90 1.43 0.00	25.57 1.46 0.00	19.30 0.95 0.00
RAVENSWOOD_GT_11 24259	17.65 0.95 0.00	17.76 1.01 0.00	16.12 0.95 0.00	15.13 0.94 0.00	15.33 0.86 0.00	17.49 0.92 0.00	15.00 0.90 0.00	15.68 0.94 0.00	13.75 0.89 0.00	14.86 0.														

RAVENSWOOD___2 23534	17.67 0.96 0.00	17.77 1.03 0.00	16.16 0.98 0.00	15.17 0.97 0.00	15.35 0.88 0.00	17.51 0.94 0.00	15.03 0.93 0.00	15.71 0.97 0.00	13.78 0.92 0.00	14.88 0.95 0.00	12.51 0.83 0.00	15.25 0.97 0.00	15.26 0.98 0.00	15.51 0.92 0.00	16.11 0.98 0.00	16.83 1.04 0.00	19.20 1.24 0.00	30.44 1.88 0.00	32.88 2.03 0.00	32.56 2.06 0.00	31.01 1.91 0.00	23.93 1.46 0.00	25.59 1.48 0.00	19.31 0.96 0.00
RAVENSWOOD___3 23535	17.65 0.94 0.00	17.75 1.01 0.00	16.12 0.95 0.00	15.14 0.94 0.00	15.33 0.86 0.00	17.49 0.92 0.00	15.00 0.90 0.00	15.68 0.94 0.00	13.75 0.89 0.00	14.86 0.92 0.00	12.48 0.80 0.00	15.22 0.95 0.00	15.23 0.96 0.00	15.49 0.90 0.00	16.09 0.96 0.00	16.80 1.01 0.00	19.17 1.22 0.00	30.42 1.86 0.00	32.86 2.01 0.00	32.53 2.03 0.00	30.98 1.87 0.00	23.90 1.43 0.00	25.57 1.46 0.00	19.30 0.95 0.00
RAVENSWOOD___4 23820	17.67 0.96 0.00	17.77 1.03 0.00	16.16 0.98 0.00	15.17 0.97 0.00	15.35 0.88 0.00	17.51 0.94 0.00	15.03 0.93 0.00	15.71 0.97 0.00	13.78 0.92 0.00	14.88 0.95 0.00	12.51 0.83 0.00	15.25 0.97 0.00	15.26 0.98 0.00	15.51 0.92 0.00	16.11 0.98 0.00	16.83 1.04 0.00	19.20 1.24 0.00	30.44 1.88 0.00	32.88 2.03 0.00	32.56 2.06 0.00	31.01 1.91 0.00	23.93 1.46 0.00	25.59 1.48 0.00	19.31 0.96 0.00
RCPI_TRUST___DRP 24196	17.67 0.96 0.00	17.78 1.04 0.00	16.15 0.97 0.00	15.16 0.96 0.00	15.36 0.89 0.00	17.52 0.94 0.00	15.02 0.92 0.00	15.71 0.96 0.00	13.77 0.92 0.00	14.88 0.95 0.00	12.51 0.83 0.00	15.26 0.98 0.00	15.27 0.99 0.00	15.53 0.94 0.00	16.12 0.99 0.00	16.85 1.05 0.00	19.22 1.26 0.00	30.50 1.94 0.00	32.94 2.09 0.00	32.59 2.09 0.00	31.02 1.91 0.00	23.93 1.46 0.00	25.60 1.49 0.00	19.32 0.97 0.00
RED___ROCHESTER 323720	16.31 -0.40 0.00	16.25 -0.50 0.00	14.69 -0.48 0.00	13.76 -0.43 0.00	14.03 -0.44 0.00	16.11 -0.46 0.00	13.64 -0.46 0.00	14.37 -0.37 0.00	12.39 -0.46 0.00	13.60 -0.34 0.00	11.52 -0.16 0.00	14.31 0.04 0.00	14.36 0.09 0.00	14.69 0.10 0.00	15.22 0.09 0.00	15.88 0.09 0.00	17.89 -0.07 0.00	28.29 -0.27 0.00	30.54 -0.31 0.00	30.25 -0.26 0.00	28.93 -0.18 0.00	22.36 -0.11 0.00	24.19 0.08 0.00	18.50 0.15 0.00
REGAN___SOLAR 323812	18.58 1.87 0.00	18.53 1.79 0.00	16.76 1.59 0.00	15.63 1.44 0.00	15.94 1.47 0.00	18.34 1.77 0.00	15.59 1.49 0.00	16.14 1.39 0.00	13.61 0.75 0.00	14.43 0.49 0.00	11.98 0.30 0.00	14.68 0.41 0.00	14.59 0.32 0.00	15.02 0.43 0.00	16.67 1.54 0.00	17.67 1.88 0.00	20.26 2.30 0.00	32.43 3.86 0.00	34.76 3.91 0.00	34.62 4.12 0.00	33.05 3.94 0.00	25.42 2.95 0.00	27.14 3.03 0.00	20.67 2.32 0.00
RENSSELAER___COGEN 23796	16.81 0.10 0.00	16.94 0.20 0.00	15.41 0.23 0.00	14.47 0.27 0.00	14.70 0.23 0.00	16.76 0.19 0.00	14.30 0.20 0.00	14.88 0.14 0.00	13.01 0.16 0.00	14.06 0.12 0.00	11.75 0.07 0.00	14.35 0.08 0.00	14.34 0.07 0.00	14.63 0.04 0.00	15.19 0.06 0.00	15.87 0.08 0.00	18.09 0.13 0.00	28.75 0.19 0.00	31.11 0.25 0.00	30.76 0.26 0.00	29.32 0.21 0.00	22.60 0.14 0.00	24.20 0.09 0.00	18.35 0.00 0.00
REPUBLIC_115KV_BARTNBRK 55605	17.70 1.00 0.00	17.71 0.97 0.00	15.89 0.72 0.00	14.97 0.78 0.00	15.31 0.84 0.00	17.59 1.02 0.00	15.05 0.95 0.00	15.63 0.89 0.00	13.64 0.79 0.00	14.65 0.71 0.00	12.09 0.41 0.00	14.67 0.39 0.00	14.44 0.17 0.00	14.73 0.14 0.00	15.48 0.35 0.00	16.34 0.55 0.00	18.89 0.94 0.00	30.89 2.33 0.00	33.40 2.55 0.00	33.15 2.65 0.00	31.41 2.30 0.00	23.98 1.51 0.00	25.45 1.34 0.00	18.98 0.63 0.00
REVERE_CPPR_DRP 24186	16.99 0.29 0.00	17.07 0.32 0.00	15.41 0.24 0.00	14.47 0.27 0.00	14.73 0.26 0.00	16.88 0.31 0.00	14.36 0.26 0.00	14.99 0.24 0.00	13.03 0.17 0.00	14.08 0.14 0.00	11.73 0.05 0.00	14.39 0.11 0.00	14.43 0.15 0.00	14.90 0.30 0.00	15.54 0.41 0.00	16.27 0.48 0.00	18.52 0.57 0.00	29.37 0.81 0.00	31.71 0.86 0.00	31.43 0.93 0.00	30.04 0.93 0.00	23.21 0.74 0.00	24.91 0.80 0.00	18.91 0.56 0.00
REYNOLDS_115KV_TB3 80639	16.95 0.24 0.00	17.06 0.32 0.00	15.49 0.32 0.00	14.56 0.36 0.00	14.79 0.31 0.00	16.87 0.30 0.00	14.37 0.27 0.00	14.97 0.23 0.00	13.09 0.24 0.00	14.15 0.22 0.00	11.83 0.15 0.00	14.45 0.18 0.00	14.43 0.16 0.00	14.72 0.13 0.00	15.28 0.15 0.00	15.96 0.17 0.00	18.19 0.23 0.00	28.94 0.38 0.00	31.30 0.45 0.00	30.96 0.45 0.00	29.50 0.40 0.00	22.75 0.28 0.00	24.37 0.25 0.00	18.49 0.14 0.00
RIVERBAY____ 323610	17.70 0.99 0.00	17.83 1.09 0.00	16.22 1.05 0.00	15.22 1.02 0.00	15.41 0.94 0.00	17.58 1.01 0.00	15.09 0.99 0.00	15.71 0.96 0.00	13.74 0.89 0.00	14.85 0.92 0.00	12.47 0.79 0.00	15.20 0.92 0.00	15.22 0.94 0.00	15.46 0.87 0.00	16.07 0.93 0.00	16.77 0.98 0.00	19.13 1.18 0.00	30.37 1.81 0.00	32.82 1.97 0.00	32.53 2.03 0.00	31.00 1.89 0.00	23.91 1.44 0.00	25.56 1.45 0.00	19.35 1.00 0.00
RIVERSDE_115KV_TB3 55908	16.83 0.12 0.00	16.96 0.22 0.00	15.42 0.25 0.00	14.48 0.29 0.00	14.72 0.24 0.00	16.78 0.21 0.00	14.31 0.21 0.00	14.90 0.15 0.00	13.03 0.17 0.00	14.08 0.14 0.00	11.77 0.09 0.00	14.38 0.10 0.00	14.36 0.08 0.00	14.65 0.06 0.00	15.21 0.08 0.00	15.88 0.09 0.00	18.10 0.14 0.00	28.78 0.21 0.00	31.14 0.28 0.00	30.79 0.28 0.00	29.34 0.23 0.00	22.62 0.16 0.00	24.22 0.11 0.00	18.37 0.03 0.00
ROARING___BROOK_WT_PWR 323790	16.24 -0.46 0.00	16.28 -0.46 0.00	14.83 -0.34 0.00	13.79 -0.41 0.00	14.06 -0.41 0.00	16.11 -0.46 0.00	13.73 -0.38 0.00	14.37 -0.37 0.00	12.61 -0.25 0.00	13.74 -0.19 0.00	11.47 -0.21 0.00	13.96 -0.31 0.00	13.91 -0.37 0.00	14.27 -0.32 0.00	14.86 -0.27 0.00	15.49 -0.31 0.00	17.59 -0.37 0.00	27.98 -0.58 0.00	30.17 -0.68 0.00	29.94 -0.57 0.00	28.69 -0.41 0.00	22.23 -0.24 0.00	23.93 -0.19 0.00	18.28 -0.06 0.00
ROCHESRG_115KV_T4 355643	16.17 -0.53 0.00	16.11 -0.63 0.00	14.58 -0.59 0.00	13.67 -0.53 0.00	13.93 -0.54 0.00	15.99 -0.58 0.00	13.54 -0.56 0.00	14.27 -0.48 0.00	12.31 -0.54 0.00	13.49 -0.44 0.00	11.42 -0.26 0.00	14.19 -0.08 0.00	14.23 -0.05 0.00	14.55 -0.04 0.00	15.08 -0.05 0.00	15.74 -0.06 0.00	17.72 -0.23 0.00	28.01 -0.55 0.00	30.23 -0.63 0.00	29.93 -0.57 0.00	28.63 -0.48 0.00	22.14 -0.33 0.00	23.95 -0.16 0.00	18.34 -0.01 0.00
ROCHESTER_9_IC 23652	16.24 -0.46 0.00	16.18 -0.56 0.00	14.64 -0.53 0.00	13.72 -0.48 0.00	13.99 -0.48 0.00	16.06 -0.51 0.00	13.60 -0.51 0.00	14.33 -0.42 0.00	12.36 -0.49 0.00	13.55 -0.38 0.00	11.48 -0.20 0.00	14.26 -0.01 0.00	14.31 0.03 0.00	14.63 0.04 0.00	15.17 0.04 0.00	15.82 0.03 0.00	17.82 -0.14 0.00	28.16 -0.40 0.00	30.40 -0.46 0.00	30.11 -0.40 0.00	28.80 -0.31 0.00	22.27 -0.20 0.00	24.09 -0.02 0.00	18.43 0.09 0.00

ROCKVIEW_13_KV_LD 356306	17.63 0.92 0.00	17.72 0.98 0.00	16.08 0.91 0.00	15.10 0.90 0.00	15.30 0.83 0.00	17.46 0.88 0.00	14.96 0.86 0.00	15.63 0.89 0.00	13.69 0.84 0.00	14.82 0.89 0.00	12.45 0.77 0.00	15.18 0.90 0.00	15.18 0.90 0.00	15.44 0.85 0.00	16.03 0.90 0.00	16.75 0.96 0.00	19.13 1.17 0.00	30.38 1.82 0.00	32.83 1.98 0.00	32.50 2.00 0.00	30.93 1.82 0.00	23.87 1.40 0.00	25.54 1.43 0.00	19.26 0.92 0.00
ROME____115KV_TB2 80656	16.99 0.29 0.00	17.07 0.32 0.00	15.41 0.24 0.00	14.47 0.27 0.00	14.73 0.26 0.00	16.88 0.31 0.00	14.36 0.26 0.00	14.99 0.24 0.00	13.03 0.17 0.00	14.08 0.14 0.00	11.73 0.05 0.00	14.39 0.11 0.00	14.43 0.15 0.00	14.90 0.30 0.00	15.54 0.41 0.00	16.27 0.48 0.00	18.52 0.57 0.00	29.37 0.81 0.00	31.71 0.86 0.00	31.43 0.93 0.00	30.04 0.93 0.00	23.21 0.74 0.00	24.91 0.80 0.00	18.91 0.56 0.00
ROSETON___1 23587	17.45 0.74 0.00	17.53 0.79 0.00	15.91 0.74 0.00	14.93 0.73 0.00	15.14 0.67 0.00	17.29 0.72 0.00	14.78 0.68 0.00	15.45 0.71 0.00	13.51 0.66 0.00	14.62 0.68 0.00	12.26 0.58 0.00	14.97 0.69 0.00	14.96 0.68 0.00	15.22 0.63 0.00	15.81 0.67 0.00	16.51 0.72 0.00	18.84 0.88 0.00	29.95 1.39 0.00	32.39 1.54 0.00	32.08 1.58 0.00	30.53 1.42 0.00	23.54 1.07 0.00	25.21 1.10 0.00	19.04 0.69 0.00
ROSETON___2 23588	17.45 0.74 0.00	17.53 0.79 0.00	15.91 0.74 0.00	14.93 0.73 0.00	15.14 0.67 0.00	17.29 0.72 0.00	14.78 0.68 0.00	15.45 0.71 0.00	13.51 0.66 0.00	14.62 0.68 0.00	12.26 0.58 0.00	14.97 0.69 0.00	14.96 0.68 0.00	15.22 0.63 0.00	15.81 0.67 0.00	16.51 0.72 0.00	18.84 0.88 0.00	29.95 1.39 0.00	32.39 1.54 0.00	32.08 1.58 0.00	30.53 1.42 0.00	23.54 1.07 0.00	25.21 1.10 0.00	19.04 0.69 0.00
ROTTDAM_115KV_TB3 80664	17.10 0.39 0.00	17.15 0.40 0.00	15.55 0.38 0.00	14.59 0.39 0.00	14.83 0.36 0.00	16.97 0.40 0.00	14.44 0.34 0.00	15.07 0.33 0.00	13.14 0.29 0.00	14.21 0.27 0.00	11.89 0.20 0.00	14.53 0.25 0.00	14.51 0.23 0.00	14.81 0.22 0.00	15.41 0.28 0.00	16.11 0.32 0.00	18.39 0.43 0.00	29.30 0.74 0.00	31.67 0.82 0.00	31.34 0.84 0.00	29.87 0.76 0.00	23.03 0.56 0.00	24.65 0.54 0.00	18.69 0.34 0.00
RUSSELL___1 23602	16.30 -0.40 0.00	16.24 -0.51 0.00	14.69 -0.48 0.00	13.76 -0.43 0.00	14.03 -0.44 0.00	16.11 -0.46 0.00	13.64 -0.46 0.00	14.37 -0.37 0.00	12.39 -0.46 0.00	13.60 -0.34 0.00	11.52 -0.16 0.00	14.31 0.04 0.00	14.36 0.08 0.00	14.69 0.10 0.00	15.23 0.10 0.00	15.88 0.09 0.00	17.89 -0.07 0.00	28.29 -0.27 0.00	30.54 -0.31 0.00	30.25 -0.26 0.00	28.93 -0.18 0.00	22.36 -0.11 0.00	24.19 0.07 0.00	18.50 0.15 0.00
RUSSELL___2 23532	16.30 -0.40 0.00	16.24 -0.51 0.00	14.69 -0.48 0.00	13.76 -0.43 0.00	14.03 -0.44 0.00	16.11 -0.46 0.00	13.64 -0.46 0.00	14.37 -0.37 0.00	12.39 -0.46 0.00	13.60 -0.34 0.00	11.52 -0.16 0.00	14.31 0.04 0.00	14.36 0.08 0.00	14.69 0.10 0.00	15.23 0.10 0.00	15.88 0.09 0.00	17.89 -0.07 0.00	28.29 -0.27 0.00	30.54 -0.31 0.00	30.25 -0.26 0.00	28.93 -0.18 0.00	22.36 -0.11 0.00	24.19 0.07 0.00	18.50 0.15 0.00
RUSSELL___3 23549	16.30 -0.40 0.00	16.24 -0.51 0.00	14.69 -0.48 0.00	13.76 -0.43 0.00	14.03 -0.44 0.00	16.11 -0.46 0.00	13.64 -0.46 0.00	14.37 -0.37 0.00	12.39 -0.46 0.00	13.60 -0.34 0.00	11.52 -0.16 0.00	14.31 0.04 0.00	14.36 0.08 0.00	14.69 0.10 0.00	15.23 0.10 0.00	15.88 0.09 0.00	17.89 -0.07 0.00	28.29 -0.27 0.00	30.54 -0.31 0.00	30.25 -0.26 0.00	28.93 -0.18 0.00	22.36 -0.11 0.00	24.19 0.07 0.00	18.50 0.15 0.00
RUSSELL___4 23556	16.30 -0.40 0.00	16.24 -0.51 0.00	14.69 -0.48 0.00	13.76 -0.43 0.00	14.03 -0.44 0.00	16.11 -0.46 0.00	13.64 -0.46 0.00	14.37 -0.37 0.00	12.39 -0.46 0.00	13.60 -0.34 0.00	11.52 -0.16 0.00	14.31 0.04 0.00	14.36 0.08 0.00	14.69 0.10 0.00	15.23 0.10 0.00	15.88 0.09 0.00	17.89 -0.07 0.00	28.29 -0.27 0.00	30.54 -0.31 0.00	30.25 -0.26 0.00	28.93 -0.18 0.00	22.36 -0.11 0.00	24.19 0.07 0.00	18.50 0.15 0.00
RUSSELL___STATION 23914	16.30 -0.40 0.00	16.24 -0.51 0.00	14.69 -0.48 0.00	13.76 -0.43 0.00	14.03 -0.44 0.00	16.11 -0.46 0.00	13.64 -0.46 0.00	14.37 -0.37 0.00	12.39 -0.46 0.00	13.60 -0.34 0.00	11.52 -0.16 0.00	14.31 0.04 0.00	14.36 0.08 0.00	14.69 0.10 0.00	15.23 0.10 0.00	15.88 0.09 0.00	17.89 -0.07 0.00	28.29 -0.27 0.00	30.54 -0.31 0.00	30.25 -0.26 0.00	28.93 -0.18 0.00	22.36 -0.11 0.00	24.19 0.07 0.00	18.50 0.15 0.00
S SALMON___HYD 24043	16.28 -0.43 0.00	16.38 -0.36 0.00	14.76 -0.41 0.00	13.86 -0.33 0.00	14.15 -0.33 0.00	16.23 -0.34 0.00	13.78 -0.33 0.00	14.38 -0.36 0.00	12.51 -0.34 0.00	13.50 -0.44 0.00	11.27 -0.41 0.00	13.81 -0.47 0.00	13.85 -0.43 0.00	14.27 -0.32 0.00	14.80 -0.33 0.00	15.48 -0.31 0.00	17.60 -0.36 0.00	27.89 -0.67 0.00	30.11 -0.74 0.00	29.84 -0.66 0.00	28.61 -0.50 0.00	22.19 -0.28 0.00	23.88 -0.23 0.00	18.17 -0.18 0.00
S.PERRY__115KV_TB1 80734	16.41 -0.30 0.00	16.34 -0.40 0.00	14.77 -0.40 0.00	13.84 -0.36 0.00	14.11 -0.36 0.00	16.23 -0.34 0.00	13.76 -0.34 0.00	14.48 -0.26 0.00	12.37 -0.48 0.00	13.62 -0.32 0.00	11.60 -0.08 0.00	14.45 0.17 0.00	14.49 0.22 0.00	14.87 0.28 0.00	15.34 0.20 0.00	16.07 0.28 0.00	18.21 0.26 0.00	28.81 0.25 0.00	31.17 0.32 0.00	30.96 0.45 0.00	29.75 0.64 0.00	22.97 0.50 0.00	24.87 0.76 0.00	19.01 0.66 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	15.93 -0.78 0.00	15.82 -0.92 0.00	14.31 -0.86 0.00	13.41 -0.78 0.00	13.69 -0.78 0.00	15.75 -0.82 0.00	13.30 -0.80 0.00	14.10 -0.65 0.00	12.11 -0.74 0.00	13.33 -0.60 0.00	11.34 -0.34 0.00	14.21 -0.07 0.00	14.22 -0.06 0.00	14.56 -0.03 0.00	15.09 -0.04 0.00	15.73 -0.06 0.00	17.62 -0.34 0.00	27.79 -0.77 0.00	29.96 -0.89 0.00	29.69 -0.81 0.00	28.45 -0.66 0.00	22.08 -0.39 0.00	24.09 -0.02 0.00	18.54 0.19 0.00
SAWYER___23_KV_LOAD 55526	15.93 -0.78 0.00	15.82 -0.92 0.00	14.31 -0.86 0.00	13.41 -0.78 0.00	13.69 -0.78 0.00	15.75 -0.82 0.00	13.30 -0.80 0.00	14.10 -0.65 0.00	12.11 -0.74 0.00	13.33 -0.60 0.00	11.34 -0.34 0.00	14.21 -0.07 0.00	14.22 -0.06 0.00	14.56 -0.03 0.00	15.09 -0.04 0.00	15.73 -0.06 0.00	17.62 -0.34 0.00	27.79 -0.77 0.00	29.96 -0.89 0.00	29.69 -0.81 0.00	28.45 -0.66 0.00	22.08 -0.39 0.00	24.09 -0.02 0.00	18.54 0.19 0.00
SELKIRK___I 23801	16.98 0.27 0.00	17.09 0.34 0.00	15.53 0.36 0.00	14.57 0.37 0.00	14.82 0.35 0.00	16.92 0.35 0.00	14.39 0.29 0.00	14.99 0.24 0.00	13.09 0.23 0.00	14.09 0.15 0.00	11.76 0.07 0.00	14.35 0.08 0.00	14.34 0.06 0.00	14.66 0.07 0.00	15.27 0.14 0.00	15.99 0.20 0.00	18.24 0.28 0.00	29.00 0.44 0.00	31.39 0.54 0.00	31.05 0.54 0.00	29.59 0.48 0.00	22.80 0.33 0.00	24.42 0.31 0.00	18.53 0.19 0.00

SELKIRK___II 23799	16.91 0.20 0.00	17.02 0.28 0.00	15.47 0.29 0.00	14.52 0.32 0.00	14.76 0.29 0.00	16.85 0.27 0.00	14.35 0.25 0.00	14.96 0.21 0.00	13.07 0.22 0.00	14.12 0.19 0.00	11.81 0.13 0.00	14.43 0.15 0.00	14.41 0.14 0.00	14.71 0.12 0.00	15.27 0.14 0.00	15.96 0.17 0.00	18.19 0.23 0.00	28.93 0.36 0.00	31.29 0.44 0.00	30.95 0.45 0.00	29.49 0.39 0.00	22.74 0.27 0.00	24.36 0.25 0.00	18.48 0.13 0.00
SENECA OSWGO___HYD 24041	16.33 -0.37 0.00	16.37 -0.37 0.00	14.82 -0.35 0.00	13.89 -0.31 0.00	14.15 -0.32 0.00	16.22 -0.35 0.00	13.78 -0.32 0.00	14.42 -0.32 0.00	12.55 -0.31 0.00	13.59 -0.34 0.00	11.42 -0.27 0.00	14.00 -0.27 0.00	14.05 -0.23 0.00	14.39 -0.20 0.00	14.93 -0.20 0.00	15.59 -0.20 0.00	17.67 -0.29 0.00	28.00 -0.56 0.00	30.22 -0.63 0.00	29.91 -0.59 0.00	28.56 -0.55 0.00	22.03 -0.44 0.00	23.68 -0.43 0.00	18.02 -0.33 0.00
SENECA___115KV_TB3 355854	16.10 -0.61 0.00	16.01 -0.73 0.00	14.48 -0.69 0.00	13.57 -0.63 0.00	13.85 -0.63 0.00	15.94 -0.64 0.00	13.47 -0.63 0.00	14.27 -0.48 0.00	12.27 -0.58 0.00	13.50 -0.43 0.00	11.49 -0.19 0.00	14.38 0.11 0.00	14.41 0.13 0.00	14.75 0.15 0.00	15.28 0.15 0.00	15.94 0.15 0.00	17.88 -0.07 0.00	28.20 -0.36 0.00	30.39 -0.46 0.00	30.14 -0.36 0.00	28.88 -0.23 0.00	22.40 -0.07 0.00	24.45 0.34 0.00	18.77 0.43 0.00
SENECA___ENERGY 23797	16.36 -0.35 0.00	16.37 -0.38 0.00	14.82 -0.35 0.00	13.88 -0.32 0.00	14.14 -0.33 0.00	16.19 -0.38 0.00	13.76 -0.34 0.00	14.46 -0.28 0.00	12.55 -0.30 0.00	13.62 -0.32 0.00	11.50 -0.18 0.00	14.23 -0.05 0.00	14.28 0.00 0.00	14.59 0.00 0.00	15.14 0.01 0.00	15.79 -0.01 0.00	17.93 -0.03 0.00	28.31 -0.25 0.00	30.48 -0.37 0.00	30.18 -0.32 0.00	28.85 -0.25 0.00	22.30 -0.17 0.00	23.99 -0.13 0.00	18.31 -0.04 0.00
SHOEMAKER___GT 23640	17.42 0.71 0.00	17.50 0.75 0.00	15.87 0.70 0.00	14.89 0.69 0.00	15.12 0.64 0.00	17.27 0.70 0.00	14.75 0.65 0.00	15.42 0.67 0.00	13.46 0.61 0.00	14.55 0.61 0.00	12.17 0.49 0.00	14.87 0.60 0.00	14.88 0.60 0.00	15.15 0.56 0.00	15.75 0.62 0.00	16.45 0.66 0.00	18.78 0.83 0.00	29.91 1.35 0.00	32.31 1.46 0.00	32.03 1.53 0.00	30.48 1.38 0.00	23.50 1.03 0.00	25.19 1.07 0.00	19.02 0.68 0.00
SHOEMAKR_138KV_BK 111 55601	17.42 0.71 0.00	17.49 0.75 0.00	15.87 0.70 0.00	14.88 0.69 0.00	15.11 0.64 0.00	17.26 0.69 0.00	14.74 0.64 0.00	15.41 0.66 0.00	13.46 0.61 0.00	14.55 0.61 0.00	12.18 0.50 0.00	14.88 0.61 0.00	14.90 0.62 0.00	15.16 0.57 0.00	15.76 0.63 0.00	16.46 0.67 0.00	18.79 0.83 0.00	29.90 1.34 0.00	32.31 1.46 0.00	32.02 1.52 0.00	30.47 1.36 0.00	23.48 1.01 0.00	25.17 1.06 0.00	19.02 0.67 0.00
SHOREHAM_IC_1 23715	17.59 0.88 0.00	17.87 1.12 0.00	16.22 1.05 0.00	15.20 1.00 0.00	15.47 0.99 0.00	17.58 1.01 0.00	15.06 0.96 0.00	15.75 1.01 0.00	13.78 0.93 0.00	14.98 1.05 0.00	12.60 0.91 0.00	15.19 0.91 0.00	15.08 0.80 0.00	15.22 0.63 0.00	15.77 0.64 0.00	16.62 0.83 0.00	19.28 1.32 0.00	30.84 2.28 0.00	33.28 2.43 0.00	32.99 2.49 0.00	30.70 1.60 0.00	23.77 1.30 0.00	25.27 1.16 0.00	19.14 0.80 0.00
SHOREHAM_IC_2 23716	17.59 0.88 0.00	17.87 1.12 0.00	16.22 1.05 0.00	15.20 1.00 0.00	15.47 0.99 0.00	17.58 1.01 0.00	15.06 0.96 0.00	15.75 1.01 0.00	13.78 0.93 0.00	14.98 1.05 0.00	12.60 0.91 0.00	15.19 0.91 0.00	15.08 0.80 0.00	15.22 0.63 0.00	15.77 0.64 0.00	16.62 0.83 0.00	19.28 1.32 0.00	30.84 2.28 0.00	33.28 2.43 0.00	32.99 2.49 0.00	30.70 1.60 0.00	23.77 1.30 0.00	25.27 1.16 0.00	19.14 0.80 0.00
SISSONVILLE____ 23735	16.23 -0.47 0.00	16.26 -0.49 0.00	14.65 -0.52 0.00	13.67 -0.52 0.00	13.95 -0.52 0.00	16.08 -0.49 0.00	13.72 -0.38 0.00	14.32 -0.43 0.00	12.47 -0.39 0.00	13.53 -0.41 0.00	11.28 -0.40 0.00	13.67 -0.61 0.00	13.66 -0.62 0.00	14.03 -0.56 0.00	14.44 -0.69 0.00	15.08 -0.72 0.00	17.22 -0.74 0.00	27.68 -0.89 0.00	29.92 -0.93 0.00	29.58 -0.93 0.00	28.28 -0.82 0.00	21.84 -0.63 0.00	23.39 -0.72 0.00	17.93 -0.42 0.00
SITHE_IND_GS1 24169	16.23 -0.48 0.00	16.26 -0.49 0.00	14.73 -0.44 0.00	13.80 -0.40 0.00	14.06 -0.42 0.00	16.10 -0.47 0.00	13.68 -0.42 0.00	14.33 -0.42 0.00	12.47 -0.39 0.00	13.53 -0.41 0.00	11.36 -0.32 0.00	13.94 -0.33 0.00	13.96 -0.32 0.00	14.27 -0.32 0.00	14.81 -0.32 0.00	15.44 -0.35 0.00	17.50 -0.46 0.00	27.72 -0.84 0.00	29.93 -0.92 0.00	29.61 -0.90 0.00	28.26 -0.84 0.00	21.82 -0.64 0.00	23.45 -0.67 0.00	17.87 -0.48 0.00
SITHE_IND_GS2 24170	16.23 -0.48 0.00	16.26 -0.49 0.00	14.73 -0.44 0.00	13.80 -0.40 0.00	14.06 -0.42 0.00	16.10 -0.47 0.00	13.68 -0.42 0.00	14.33 -0.42 0.00	12.47 -0.39 0.00	13.53 -0.41 0.00	11.36 -0.32 0.00	13.94 -0.33 0.00	13.96 -0.32 0.00	14.27 -0.32 0.00	14.81 -0.32 0.00	15.44 -0.35 0.00	17.50 -0.46 0.00	27.72 -0.84 0.00	29.93 -0.92 0.00	29.61 -0.90 0.00	28.26 -0.84 0.00	21.82 -0.64 0.00	23.45 -0.67 0.00	17.87 -0.48 0.00
SITHE_IND_GS3 24171	16.23 -0.48 0.00	16.26 -0.49 0.00	14.73 -0.44 0.00	13.80 -0.40 0.00	14.06 -0.42 0.00	16.10 -0.47 0.00	13.68 -0.42 0.00	14.33 -0.42 0.00	12.47 -0.39 0.00	13.53 -0.41 0.00	11.36 -0.32 0.00	13.94 -0.33 0.00	13.96 -0.32 0.00	14.27 -0.32 0.00	14.81 -0.32 0.00	15.44 -0.35 0.00	17.50 -0.46 0.00	27.72 -0.84 0.00	29.93 -0.92 0.00	29.61 -0.90 0.00	28.26 -0.84 0.00	21.82 -0.64 0.00	23.45 -0.67 0.00	17.87 -0.48 0.00
SITHE_IND_GS4 24172	16.23 -0.48 0.00	16.26 -0.49 0.00	14.73 -0.44 0.00	13.80 -0.40 0.00	14.06 -0.42 0.00	16.10 -0.47 0.00	13.68 -0.42 0.00	14.33 -0.42 0.00	12.47 -0.39 0.00	13.53 -0.41 0.00	11.36 -0.32 0.00	13.94 -0.33 0.00	13.96 -0.32 0.00	14.27 -0.32 0.00	14.81 -0.32 0.00	15.44 -0.35 0.00	17.50 -0.46 0.00	27.72 -0.84 0.00	29.93 -0.92 0.00	29.61 -0.90 0.00	28.26 -0.84 0.00	21.82 -0.64 0.00	23.45 -0.67 0.00	17.87 -0.48 0.00
SITHE___BATAVIA 24024	16.29 -0.42 0.00	16.20 -0.54 0.00	14.65 -0.52 0.00	13.72 -0.48 0.00	14.01 -0.46 0.00	16.10 -0.47 0.00	13.60 -0.50 0.00	14.39 -0.36 0.00	12.34 -0.51 0.00	13.58 -0.35 0.00	11.57 -0.11 0.00	14.45 0.17 0.00	14.47 0.19 0.00	14.79 0.20 0.00	15.31 0.18 0.00	16.01 0.22 0.00	17.97 0.01 0.00	28.38 -0.19 0.00	30.67 -0.18 0.00	30.46 -0.05 0.00	29.17 0.06 0.00	22.57 0.10 0.00	24.53 0.42 0.00	18.80 0.45 0.00
SITHE___INDEPEND 23800	16.23 -0.48 0.00	16.26 -0.49 0.00	14.73 -0.44 0.00	13.80 -0.40 0.00	14.06 -0.42 0.00	16.10 -0.47 0.00	13.68 -0.42 0.00	14.33 -0.42 0.00	12.47 -0.39 0.00	13.53 -0.40 0.00	11.36 -0.32 0.00	13.94 -0.33 0.00	13.96 -0.32 0.00	14.27 -0.32 0.00	14.81 -0.32 0.00	15.45 -0.35 0.00	17.50 -0.46 0.00	27.73 -0.84 0.00	29.93 -0.92 0.00	29.61 -0.90 0.00	28.26 -0.84 0.00	21.82 -0.64 0.00	23.44 -0.67 0.00	17.87 -0.48 0.00

SITHE___MASSENA 23902	16.71 0.00 0.00	16.71 -0.04 0.00	15.10 -0.07 0.00	14.09 -0.11 0.00	14.38 -0.09 0.00	16.53 -0.04 0.00	14.09 -0.01 0.00	14.73 -0.01 0.00	12.84 -0.01 0.00	13.95 0.01 0.00	11.67 -0.01 0.00	14.16 -0.12 0.00	14.15 -0.13 0.00	14.49 -0.10 0.00	14.93 -0.20 0.00	15.58 -0.21 0.00	17.75 -0.21 0.00	28.43 -0.13 0.00	30.72 -0.13 0.00	30.32 -0.18 0.00	28.99 -0.12 0.00	22.37 -0.10 0.00	24.00 -0.11 0.00	18.38 0.03 0.00
SITHE___OGDNSBRG 24021	16.75 0.04 0.00	16.74 -0.01 0.00	15.10 -0.07 0.00	14.09 -0.10 0.00	14.40 -0.07 0.00	16.57 0.00 0.00	14.13 0.03 0.00	14.76 0.02 0.00	12.80 -0.05 0.00	13.88 -0.05 0.00	11.57 -0.11 0.00	14.07 -0.21 0.00	14.06 -0.22 0.00	14.39 -0.20 0.00	14.78 -0.35 0.00	15.45 -0.34 0.00	17.71 -0.25 0.00	28.58 0.02 0.00	30.88 0.03 0.00	30.49 -0.01 0.00	29.18 0.08 0.00	22.50 0.03 0.00	24.09 -0.02 0.00	18.45 0.10 0.00
SITHE___STERLING 23777	16.91 0.21 0.00	16.97 0.22 0.00	15.35 0.18 0.00	14.39 0.19 0.00	14.66 0.18 0.00	16.79 0.22 0.00	14.28 0.18 0.00	14.91 0.17 0.00	12.96 0.11 0.00	14.04 0.10 0.00	11.73 0.05 0.00	14.40 0.12 0.00	14.44 0.16 0.00	14.86 0.27 0.00	15.48 0.35 0.00	16.19 0.40 0.00	18.42 0.46 0.00	29.22 0.66 0.00	31.56 0.70 0.00	31.24 0.74 0.00	29.84 0.74 0.00	23.03 0.56 0.00	24.71 0.60 0.00	18.76 0.41 0.00
SLEIGHT__34_KV_TB1 80719	16.25 -0.46 0.00	16.22 -0.52 0.00	14.69 -0.49 0.00	13.76 -0.44 0.00	14.03 -0.45 0.00	16.08 -0.49 0.00	13.65 -0.45 0.00	14.35 -0.39 0.00	12.43 -0.43 0.00	13.56 -0.38 0.00	11.46 -0.22 0.00	14.17 -0.11 0.00	14.22 -0.06 0.00	14.54 -0.05 0.00	15.08 -0.05 0.00	15.73 -0.07 0.00	17.79 -0.17 0.00	28.13 -0.43 0.00	30.32 -0.53 0.00	30.04 -0.47 0.00	28.70 -0.40 0.00	22.17 -0.30 0.00	23.87 -0.24 0.00	18.25 -0.10 0.00
SOUTH CAIRO___GT 23612	17.35 0.65 0.00	17.46 0.72 0.00	15.86 0.69 0.00	14.90 0.70 0.00	15.16 0.69 0.00	17.31 0.74 0.00	14.74 0.63 0.00	15.34 0.59 0.00	13.39 0.54 0.00	14.27 0.33 0.00	11.80 0.12 0.00	14.38 0.11 0.00	14.34 0.06 0.00	14.70 0.11 0.00	15.27 0.14 0.00	16.29 0.50 0.00	18.69 0.73 0.00	29.85 1.29 0.00	32.38 1.52 0.00	32.01 1.50 0.00	30.51 1.40 0.00	23.42 0.95 0.00	25.00 0.88 0.00	18.90 0.56 0.00
SOUTH HAMPTN___IC 23720	17.71 1.00 0.00	17.96 1.21 0.00	16.35 1.18 0.00	15.33 1.13 0.00	15.63 1.15 0.00	17.73 1.16 0.00	15.19 1.09 0.00	15.85 1.11 0.00	13.85 1.00 0.00	15.07 1.14 0.00	12.68 1.00 0.00	15.29 1.01 0.00	15.17 0.89 0.00	15.29 0.70 0.00	15.85 0.72 0.00	16.71 0.92 0.00	19.43 1.47 0.00	31.21 2.64 0.00	33.64 2.79 0.00	33.38 2.87 0.00	31.07 1.96 0.00	23.98 1.51 0.00	25.45 1.34 0.00	19.25 0.90 0.00
SOUTHDOW__115KV_TB1 355954	16.37 -0.33 0.00	16.28 -0.46 0.00	14.70 -0.47 0.00	13.77 -0.43 0.00	14.05 -0.43 0.00	16.18 -0.39 0.00	13.78 -0.32 0.00	14.55 -0.20 0.00	12.58 -0.27 0.00	13.83 -0.10 0.00	11.81 0.13 0.00	14.81 0.54 0.00	14.89 0.61 0.00	15.13 0.54 0.00	15.77 0.63 0.00	16.43 0.63 0.00	18.49 0.53 0.00	29.05 0.49 0.00	31.29 0.43 0.00	31.14 0.63 0.00	29.90 0.79 0.00	23.23 0.76 0.00	25.42 1.31 0.00	19.40 1.05 0.00
SOUTHOLD_69_KV_BK 2 55809	17.73 1.03 0.00	17.99 1.24 0.00	16.42 1.25 0.00	15.39 1.19 0.00	15.71 1.24 0.00	17.81 1.24 0.00	15.22 1.12 0.00	15.89 1.15 0.00	13.88 1.03 0.00	15.11 1.17 0.00	12.71 1.03 0.00	15.31 1.04 0.00	15.18 0.90 0.00	15.31 0.72 0.00	15.86 0.73 0.00	16.73 0.94 0.00	19.49 1.53 0.00	31.39 2.82 0.00	33.81 2.96 0.00	33.58 3.07 0.00	31.18 2.07 0.00	24.07 1.60 0.00	25.51 1.39 0.00	19.27 0.92 0.00
SOUTHOLD___IC 23719	17.74 1.03 0.00	17.98 1.24 0.00	16.42 1.25 0.00	15.39 1.19 0.00	15.71 1.24 0.00	17.81 1.24 0.00	15.22 1.12 0.00	15.89 1.15 0.00	13.88 1.03 0.00	15.11 1.17 0.00	12.71 1.03 0.00	15.31 1.04 0.00	15.18 0.90 0.00	15.31 0.72 0.00	15.86 0.73 0.00	16.73 0.94 0.00	19.49 1.53 0.00	31.39 2.83 0.00	33.81 2.96 0.00	33.58 3.07 0.00	31.17 2.07 0.00	24.07 1.60 0.00	25.50 1.38 0.00	19.27 0.92 0.00
SOUTH_FORK_WT_PWR 323839	17.60 0.89 0.00	17.85 1.11 0.00	16.35 1.18 0.00	15.34 1.14 0.00	15.69 1.21 0.00	17.76 1.18 0.00	15.17 1.07 0.00	15.79 1.05 0.00	13.79 0.94 0.00	15.00 1.06 0.00	12.62 0.94 0.00	15.20 0.92 0.00	15.06 0.78 0.00	15.18 0.59 0.00	15.73 0.60 0.00	16.62 0.83 0.00	19.39 1.43 0.00	31.30 2.73 0.00	33.69 2.84 0.00	33.47 2.97 0.00	31.02 1.92 0.00	23.92 1.45 0.00	25.30 1.19 0.00	19.11 0.77 0.00
SPIERFLS_115KV_TB 1 80737	17.12 0.41 0.00	17.16 0.41 0.00	15.52 0.35 0.00	14.57 0.37 0.00	14.84 0.37 0.00	17.00 0.42 0.00	14.49 0.38 0.00	15.10 0.35 0.00	13.16 0.30 0.00	14.18 0.24 0.00	11.80 0.12 0.00	14.40 0.12 0.00	14.32 0.04 0.00	14.60 0.01 0.00	15.28 0.15 0.00	16.04 0.25 0.00	18.41 0.45 0.00	29.59 1.03 0.00	32.02 1.16 0.00	31.69 1.18 0.00	30.13 1.03 0.00	23.15 0.68 0.00	24.69 0.58 0.00	18.61 0.26 0.00
ST LAWRENCE___ 23600	16.59 -0.11 0.00	16.59 -0.15 0.00	15.00 -0.17 0.00	13.99 -0.20 0.00	14.29 -0.18 0.00	16.42 -0.15 0.00	13.99 -0.11 0.00	14.63 -0.11 0.00	12.76 -0.09 0.00	13.87 -0.07 0.00	11.61 -0.07 0.00	14.08 -0.20 0.00	14.06 -0.22 0.00	14.40 -0.19 0.00	14.85 -0.28 0.00	15.50 -0.30 0.00	17.64 -0.32 0.00	28.22 -0.34 0.00	30.50 -0.35 0.00	30.11 -0.40 0.00	28.77 -0.34 0.00	22.20 -0.27 0.00	23.82 -0.29 0.00	18.24 -0.11 0.00
STATE_CA_115KV_115_LB 55624	16.84 0.13 0.00	16.98 0.24 0.00	15.45 0.28 0.00	14.51 0.31 0.00	14.74 0.27 0.00	16.80 0.23 0.00	14.34 0.24 0.00	14.92 0.17 0.00	13.05 0.19 0.00	14.09 0.15 0.00	11.78 0.10 0.00	14.39 0.11 0.00	14.39 0.11 0.00	14.69 0.10 0.00	15.26 0.13 0.00	15.94 0.15 0.00	18.17 0.21 0.00	28.88 0.31 0.00	31.24 0.39 0.00	30.90 0.40 0.00	29.45 0.34 0.00	22.69 0.22 0.00	24.29 0.18 0.00	18.40 0.06 0.00
STATE_ST_34_KV_LOAD 55959	16.64 -0.07 0.00	16.66 -0.08 0.00	15.11 -0.06 0.00	14.15 -0.05 0.00	14.42 -0.05 0.00	16.46 -0.11 0.00	14.02 -0.08 0.00	14.72 -0.02 0.00	12.79 -0.07 0.00	13.84 -0.10 0.00	11.66 -0.02 0.00	14.35 0.08 0.00	14.42 0.14 0.00	14.73 0.14 0.00	15.30 0.17 0.00	15.95 0.15 0.00	18.12 0.16 0.00	28.65 0.09 0.00	30.78 -0.06 0.00	30.56 0.06 0.00	29.20 0.09 0.00	22.55 0.08 0.00	24.16 0.05 0.00	18.46 0.12 0.00
STATION 5_MISC_HYD 23604	16.24 -0.46 0.00	16.19 -0.55 0.00	14.64 -0.53 0.00	13.72 -0.48 0.00	13.99 -0.48 0.00	16.06 -0.51 0.00	13.60 -0.51 0.00	14.33 -0.42 0.00	12.36 -0.49 0.00	13.55 -0.38 0.00	11.48 -0.20 0.00	14.26 -0.01 0.00	14.31 0.03 0.00	14.63 0.04 0.00	15.16 0.03 0.00	15.82 0.03 0.00	17.82 -0.14 0.00	28.16 -0.40 0.00	30.40 -0.45 0.00	30.11 -0.39 0.00	28.80 -0.31 0.00	22.27 -0.20 0.00	24.09 -0.02 0.00	18.43 0.09 0.00

STA_168_34_KV_BK1_2_REV_LBMP_B 345032	16.41 -0.30 0.00	16.38 -0.37 0.00	14.82 -0.36 0.00	13.88 -0.32 0.00	14.15 -0.32 0.00	16.24 -0.34 0.00	13.77 -0.33 0.00	14.48 -0.26 0.00	12.53 -0.32 0.00	13.69 -0.24 0.00	11.57 -0.11 0.00	14.34 0.07 0.00	14.39 0.11 0.00	14.70 0.11 0.00	15.25 0.12 0.00	15.91 0.12 0.00	17.99 0.03 0.00	28.42 -0.14 0.00	30.67 -0.18 0.00	30.38 -0.13 0.00	29.05 -0.06 0.00	22.44 -0.03 0.00	24.19 0.08 0.00	18.48 0.13 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	16.22 -0.48 0.00	16.16 -0.58 0.00	14.62 -0.55 0.00	13.70 -0.50 0.00	13.97 -0.51 0.00	16.04 -0.53 0.00	13.58 -0.52 0.00	14.30 -0.44 0.00	12.35 -0.50 0.00	13.55 -0.39 0.00	11.47 -0.21 0.00	14.25 -0.03 0.00	14.30 0.02 0.00	14.62 0.03 0.00	15.16 0.03 0.00	15.81 0.02 0.00	17.82 -0.14 0.00	28.17 -0.39 0.00	30.41 -0.44 0.00	30.11 -0.39 0.00	28.80 -0.31 0.00	22.25 -0.22 0.00	24.04 -0.07 0.00	18.37 0.03 0.00
STA_56____34_KV_BUS2 355983	16.22 -0.48 0.00	16.16 -0.58 0.00	14.62 -0.55 0.00	13.70 -0.50 0.00	13.97 -0.51 0.00	16.04 -0.53 0.00	13.58 -0.52 0.00	14.30 -0.44 0.00	12.35 -0.50 0.00	13.55 -0.39 0.00	11.47 -0.21 0.00	14.25 -0.03 0.00	14.30 0.02 0.00	14.62 0.03 0.00	15.16 0.03 0.00	15.81 0.02 0.00	17.82 -0.14 0.00	28.17 -0.39 0.00	30.41 -0.44 0.00	30.11 -0.39 0.00	28.80 -0.31 0.00	22.25 -0.22 0.00	24.04 -0.07 0.00	18.37 0.03 0.00
STA_67____115KV_BK2 355882	16.22 -0.49 0.00	16.16 -0.59 0.00	14.62 -0.55 0.00	13.70 -0.50 0.00	13.97 -0.51 0.00	16.04 -0.54 0.00	13.58 -0.52 0.00	14.30 -0.44 0.00	12.34 -0.51 0.00	13.53 -0.41 0.00	11.46 -0.22 0.00	14.24 -0.04 0.00	14.28 0.00 0.00	14.60 0.01 0.00	15.14 0.00 0.00	15.79 0.00 0.00	17.78 -0.18 0.00	28.10 -0.46 0.00	30.34 -0.52 0.00	30.05 -0.46 0.00	28.74 -0.37 0.00	22.22 -0.25 0.00	24.04 -0.07 0.00	18.40 0.05 0.00
STA_7____115KV_9TRANS 80674	16.30 -0.40 0.00	16.24 -0.51 0.00	14.69 -0.48 0.00	13.76 -0.43 0.00	14.03 -0.44 0.00	16.11 -0.46 0.00	13.64 -0.46 0.00	14.37 -0.37 0.00	12.39 -0.46 0.00	13.60 -0.34 0.00	11.52 -0.16 0.00	14.31 0.04 0.00	14.36 0.08 0.00	14.69 0.10 0.00	15.23 0.10 0.00	15.88 0.09 0.00	17.89 -0.07 0.00	28.29 -0.27 0.00	30.54 -0.31 0.00	30.25 -0.26 0.00	28.93 -0.18 0.00	22.36 -0.11 0.00	24.19 0.07 0.00	18.50 0.15 0.00
STA_82____115KV_TB1 80780	16.23 -0.48 0.00	16.16 -0.58 0.00	14.63 -0.55 0.00	13.71 -0.49 0.00	13.98 -0.50 0.00	16.05 -0.53 0.00	13.58 -0.52 0.00	14.31 -0.43 0.00	12.35 -0.50 0.00	13.54 -0.40 0.00	11.47 -0.21 0.00	14.25 -0.03 0.00	14.28 0.01 0.00	14.61 0.02 0.00	15.15 0.02 0.00	15.80 0.01 0.00	17.79 -0.16 0.00	28.12 -0.44 0.00	30.36 -0.49 0.00	30.07 -0.44 0.00	28.76 -0.35 0.00	22.24 -0.23 0.00	24.06 -0.05 0.00	18.41 0.07 0.00
STEEL____WIND 323596	16.08 -0.63 0.00	16.01 -0.74 0.00	14.45 -0.72 0.00	13.55 -0.65 0.00	13.82 -0.65 0.00	15.92 -0.66 0.00	13.46 -0.65 0.00	14.25 -0.50 0.00	12.26 -0.60 0.00	13.49 -0.45 0.00	11.47 -0.21 0.00	14.36 0.08 0.00	14.39 0.12 0.00	14.73 0.13 0.00	15.26 0.12 0.00	15.91 0.12 0.00	17.85 -0.11 0.00	28.16 -0.40 0.00	30.36 -0.50 0.00	30.11 -0.39 0.00	28.86 -0.25 0.00	22.38 -0.09 0.00	24.43 0.32 0.00	18.76 0.41 0.00
STEPHTWN_115KV_BK_2 55603	17.00 0.29 0.00	17.11 0.37 0.00	15.54 0.37 0.00	14.60 0.40 0.00	14.84 0.37 0.00	16.95 0.38 0.00	14.45 0.35 0.00	15.04 0.30 0.00	13.14 0.28 0.00	14.21 0.27 0.00	11.86 0.18 0.00	14.49 0.21 0.00	14.46 0.19 0.00	14.72 0.13 0.00	15.33 0.20 0.00	16.07 0.28 0.00	18.34 0.38 0.00	29.00 0.44 0.00	31.55 0.70 0.00	31.21 0.70 0.00	29.70 0.59 0.00	22.87 0.40 0.00	24.48 0.37 0.00	18.54 0.19 0.00
STEUBEN_REC_LFGE 323667	15.82 -0.89 0.00	15.76 -0.98 0.00	14.21 -0.97 0.00	13.31 -0.89 0.00	13.56 -0.91 0.00	15.60 -0.97 0.00	13.23 -0.87 0.00	14.02 -0.73 0.00	12.22 -0.63 0.00	13.42 -0.51 0.00	11.42 -0.27 0.00	14.23 -0.05 0.00	14.33 0.05 0.00	14.71 0.12 0.00	15.22 0.09 0.00	15.95 0.16 0.00	18.12 0.16 0.00	28.73 0.17 0.00	30.86 0.01 0.00	30.62 0.11 0.00	29.43 0.32 0.00	22.75 0.28 0.00	24.69 0.58 0.00	18.82 0.47 0.00
STILLWATER____SOLAR 323814	17.26 0.55 0.00	17.31 0.57 0.00	15.67 0.50 0.00	14.72 0.52 0.00	14.98 0.51 0.00	17.15 0.57 0.00	14.59 0.49 0.00	15.21 0.46 0.00	13.25 0.39 0.00	14.28 0.34 0.00	11.91 0.23 0.00	14.55 0.27 0.00	14.49 0.21 0.00	14.78 0.18 0.00	15.43 0.30 0.00	16.17 0.38 0.00	18.51 0.55 0.00	29.64 1.07 0.00	32.07 1.22 0.00	31.72 1.22 0.00	30.20 1.09 0.00	23.25 0.79 0.00	24.85 0.74 0.00	18.80 0.45 0.00
STONY____BROOK 24151	17.76 1.06 0.00	17.95 1.21 0.00	16.30 1.12 0.00	15.23 1.03 0.00	15.44 0.97 0.00	17.57 1.00 0.00	15.04 0.94 0.00	15.74 1.00 0.00	13.78 0.93 0.00	14.99 1.05 0.00	12.67 0.98 0.00	15.34 1.06 0.00	15.24 0.96 0.00	15.39 0.80 0.00	15.96 0.82 0.00	16.73 0.94 0.00	19.35 1.39 0.00	30.92 2.36 0.00	33.34 2.49 0.00	33.02 2.52 0.00	30.98 1.87 0.00	23.99 1.52 0.00	25.53 1.42 0.00	19.30 0.96 0.00
STURGEON_POOL_HYD 23609	17.66 0.95 0.00	17.72 0.98 0.00	16.08 0.91 0.00	15.08 0.88 0.00	15.30 0.82 0.00	17.47 0.89 0.00	14.94 0.84 0.00	15.64 0.89 0.00	13.66 0.81 0.00	14.79 0.86 0.00	12.41 0.73 0.00	15.15 0.88 0.00	15.16 0.88 0.00	15.42 0.83 0.00	16.01 0.88 0.00	16.76 0.96 0.00	19.14 1.18 0.00	30.42 1.86 0.00	32.88 2.03 0.00	32.60 2.10 0.00	31.02 1.91 0.00	23.90 1.44 0.00	25.59 1.48 0.00	19.30 0.95 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	17.47 0.76 0.00	17.55 0.81 0.00	15.93 0.75 0.00	14.94 0.74 0.00	15.15 0.68 0.00	17.31 0.74 0.00	14.80 0.70 0.00	15.47 0.72 0.00	13.52 0.66 0.00	14.61 0.67 0.00	12.24 0.56 0.00	14.96 0.69 0.00	14.98 0.70 0.00	15.25 0.66 0.00	15.85 0.72 0.00	16.56 0.77 0.00	18.89 0.93 0.00	30.04 1.47 0.00	32.45 1.60 0.00	32.16 1.66 0.00	30.59 1.48 0.00	23.57 1.11 0.00	25.28 1.16 0.00	19.09 0.74 0.00
SWANROAD_115KV_TB1 355699	15.60 -1.11 0.00	15.50 -1.24 0.00	14.03 -1.14 0.00	13.15 -1.04 0.00	13.43 -1.04 0.00	15.44 -1.13 0.00	13.02 -1.08 0.00	13.81 -0.93 0.00	11.83 -1.02 0.00	13.04 -0.89 0.00	11.10 -0.59 0.00	13.89 -0.38 0.00	13.89 -0.39 0.00	14.24 -0.35 0.00	14.75 -0.39 0.00	15.39 -0.40 0.00	17.21 -0.75 0.00	27.12 -1.44 0.00	29.25 -1.60 0.00	29.00 -1.51 0.00	27.79 -1.32 0.00	21.58 -0.89 0.00	23.61 -0.50 0.00	18.20 -0.14 0.00
SYNERGY____BIOGAS 323694	16.29 -0.42 0.00	16.20 -0.54 0.00	14.65 -0.52 0.00	13.72 -0.48 0.00	14.01 -0.46 0.00	16.10 -0.47 0.00	13.60 -0.50 0.00	14.39 -0.36 0.00	12.34 -0.51 0.00	13.58 -0.35 0.00	11.57 -0.11 0.00	14.45 0.17 0.00	14.47 0.19 0.00	14.79 0.20 0.00	15.31 0.18 0.00	16.01 0.22 0.00	17.97 0.01 0.00	28.38 -0.19 0.00	30.67 -0.18 0.00	30.46 -0.05 0.00	29.17 0.06 0.00	22.57 0.10 0.00	24.53 0.42 0.00	18.80 0.45 0.00

SYRACUSE___ENERGY_ST1 323597	16.55 -0.16 0.00	16.58 -0.16 0.00	15.02 -0.15 0.00	14.07 -0.12 0.00	14.34 -0.14 0.00	16.42 -0.16 0.00	13.95 -0.15 0.00	14.61 -0.13 0.00	12.71 -0.14 0.00	13.79 -0.14 0.00	11.59 -0.09 0.00	14.24 -0.04 0.00	14.28 0.00 0.00	14.60 0.01 0.00	15.16 0.03 0.00	15.81 0.02 0.00	17.94 -0.01 0.00	28.42 -0.15 0.00	30.64 -0.21 0.00	30.34 -0.16 0.00	28.97 -0.14 0.00	22.35 -0.11 0.00	24.01 -0.10 0.00	18.28 -0.06 0.00
SYRACUSE___ENERGY_ST2 323598	16.55 -0.16 0.00	16.58 -0.16 0.00	15.02 -0.15 0.00	14.07 -0.12 0.00	14.34 -0.14 0.00	16.42 -0.16 0.00	13.95 -0.15 0.00	14.61 -0.13 0.00	12.71 -0.14 0.00	13.79 -0.14 0.00	11.59 -0.09 0.00	14.24 -0.04 0.00	14.28 0.00 0.00	14.60 0.01 0.00	15.16 0.03 0.00	15.81 0.02 0.00	17.94 -0.01 0.00	28.42 -0.15 0.00	30.64 -0.21 0.00	30.34 -0.16 0.00	28.97 -0.14 0.00	22.35 -0.11 0.00	24.01 -0.10 0.00	18.28 -0.06 0.00
SYRACUSE___POWER 24017	16.61 -0.10 0.00	16.64 -0.10 0.00	15.07 -0.10 0.00	14.12 -0.08 0.00	14.38 -0.09 0.00	16.48 -0.10 0.00	14.01 -0.10 0.00	14.66 -0.09 0.00	12.75 -0.10 0.00	13.83 -0.10 0.00	11.61 -0.07 0.00	14.28 0.00 0.00	14.32 0.04 0.00	14.65 0.07 0.00	15.22 0.08 0.00	15.88 0.09 0.00	18.02 0.07 0.00	28.55 -0.01 0.00	30.82 -0.04 0.00	30.49 -0.01 0.00	29.11 0.00 0.00	22.46 -0.01 0.00	24.14 0.03 0.00	18.36 0.01 0.00
TALLMAN___138KV_BK151 55660	17.53 0.82 0.00	17.62 0.88 0.00	15.99 0.82 0.00	15.00 0.80 0.00	15.21 0.73 0.00	17.36 0.79 0.00	14.86 0.76 0.00	15.53 0.79 0.00	13.58 0.72 0.00	14.68 0.74 0.00	12.31 0.63 0.00	15.03 0.76 0.00	15.06 0.78 0.00	15.33 0.74 0.00	15.93 0.80 0.00	16.65 0.86 0.00	19.00 1.04 0.00	30.17 1.61 0.00	32.58 1.73 0.00	32.31 1.80 0.00	30.71 1.60 0.00	23.66 1.19 0.00	25.38 1.27 0.00	19.15 0.80 0.00
TEALLAVE_115KV_TB7 355573	16.51 -0.19 0.00	16.54 -0.20 0.00	14.98 -0.19 0.00	14.04 -0.16 0.00	14.30 -0.17 0.00	16.38 -0.19 0.00	13.92 -0.18 0.00	14.57 -0.17 0.00	12.68 -0.18 0.00	13.75 -0.18 0.00	11.56 -0.12 0.00	14.21 -0.07 0.00	14.24 -0.04 0.00	14.58 -0.02 0.00	15.13 0.00 0.00	15.79 -0.01 0.00	17.90 -0.05 0.00	28.35 -0.21 0.00	30.60 -0.25 0.00	30.28 -0.22 0.00	28.90 -0.20 0.00	22.31 -0.16 0.00	23.99 -0.13 0.00	18.25 -0.10 0.00
TELGRAPH_34_KV_EAST 80808	15.99 -0.72 0.00	15.89 -0.86 0.00	14.38 -0.80 0.00	13.47 -0.73 0.00	13.75 -0.72 0.00	15.81 -0.76 0.00	13.35 -0.75 0.00	14.14 -0.60 0.00	12.13 -0.73 0.00	13.37 -0.57 0.00	11.37 -0.31 0.00	14.23 -0.05 0.00	14.24 -0.04 0.00	14.57 -0.02 0.00	15.09 -0.04 0.00	15.75 -0.04 0.00	17.65 -0.31 0.00	27.85 -0.72 0.00	30.06 -0.79 0.00	29.81 -0.70 0.00	28.56 -0.55 0.00	22.14 -0.33 0.00	24.14 0.03 0.00	18.55 0.21 0.00
TEMPLE___115KV_TB 2 55572	16.53 -0.18 0.00	16.55 -0.19 0.00	14.99 -0.18 0.00	14.05 -0.15 0.00	14.31 -0.16 0.00	16.40 -0.17 0.00	13.93 -0.17 0.00	14.58 -0.16 0.00	12.69 -0.17 0.00	13.77 -0.17 0.00	11.57 -0.11 0.00	14.23 -0.05 0.00	14.26 -0.02 0.00	14.59 0.00 0.00	15.15 0.02 0.00	15.80 0.01 0.00	17.92 -0.04 0.00	28.38 -0.18 0.00	30.63 -0.22 0.00	30.31 -0.19 0.00	28.93 -0.18 0.00	22.32 -0.15 0.00	24.01 -0.10 0.00	18.26 -0.08 0.00
TIANA___69_KV_BK 1 55817	17.71 1.01 0.00	17.97 1.23 0.00	16.34 1.17 0.00	15.31 1.12 0.00	15.59 1.12 0.00	17.71 1.14 0.00	15.17 1.06 0.00	15.85 1.10 0.00	13.86 1.00 0.00	15.07 1.14 0.00	12.68 1.00 0.00	15.29 1.01 0.00	15.18 0.90 0.00	15.31 0.72 0.00	15.86 0.73 0.00	16.72 0.92 0.00	19.41 1.46 0.00	31.15 2.59 0.00	33.60 2.75 0.00	33.33 2.82 0.00	31.04 1.94 0.00	23.98 1.51 0.00	25.47 1.36 0.00	19.26 0.92 0.00
TILDEN___115KV_TB1 80814	16.61 -0.10 0.00	16.64 -0.10 0.00	15.07 -0.10 0.00	14.12 -0.08 0.00	14.38 -0.09 0.00	16.48 -0.10 0.00	14.01 -0.10 0.00	14.66 -0.09 0.00	12.75 -0.10 0.00	13.83 -0.10 0.00	11.61 -0.07 0.00	14.28 0.00 0.00	14.32 0.04 0.00	14.65 0.07 0.00	15.22 0.08 0.00	15.88 0.09 0.00	18.02 0.07 0.00	28.55 -0.01 0.00	30.82 -0.04 0.00	30.49 -0.01 0.00	29.11 0.00 0.00	22.46 -0.01 0.00	24.14 0.03 0.00	18.36 0.01 0.00
TRIGEN___CC 323695	17.69 0.99 0.00	17.82 1.07 0.00	16.16 0.99 0.00	15.14 0.94 0.00	15.33 0.86 0.00	17.47 0.90 0.00	14.95 0.86 0.00	15.63 0.89 0.00	13.69 0.84 0.00	14.87 0.94 0.00	12.54 0.86 0.00	15.24 0.96 0.00	15.20 0.92 0.00	15.42 0.83 0.00	16.02 0.89 0.00	16.79 1.00 0.00	19.26 1.30 0.00	30.60 2.04 0.00	33.01 2.16 0.00	32.66 2.16 0.00	30.78 1.68 0.00	23.79 1.32 0.00	25.39 1.28 0.00	19.19 0.84 0.00
TRINITY___115KV__4 BK 55933	16.80 0.09 0.00	16.94 0.20 0.00	15.40 0.23 0.00	14.47 0.27 0.00	14.70 0.22 0.00	16.76 0.18 0.00	14.29 0.18 0.00	14.87 0.13 0.00	13.01 0.15 0.00	14.05 0.12 0.00	11.75 0.07 0.00	14.35 0.08 0.00	14.34 0.06 0.00	14.63 0.04 0.00	15.18 0.05 0.00	15.86 0.07 0.00	18.07 0.11 0.00	28.73 0.16 0.00	31.08 0.22 0.00	30.74 0.24 0.00	29.29 0.19 0.00	22.58 0.11 0.00	24.18 0.07 0.00	18.34 -0.01 0.00
UNION___PROCESSING_DRP 323587	16.23 -0.48 0.00	16.17 -0.57 0.00	14.63 -0.54 0.00	13.71 -0.49 0.00	13.98 -0.49 0.00	16.05 -0.52 0.00	13.59 -0.52 0.00	14.31 -0.43 0.00	12.35 -0.50 0.00	13.54 -0.40 0.00	11.47 -0.21 0.00	14.25 -0.02 0.00	14.29 0.02 0.00	14.62 0.03 0.00	15.15 0.02 0.00	15.81 0.01 0.00	17.80 -0.16 0.00	28.13 -0.43 0.00	30.37 -0.49 0.00	30.08 -0.43 0.00	28.77 -0.34 0.00	22.25 -0.22 0.00	24.06 -0.05 0.00	18.41 0.07 0.00
UPPER HUDSON___HYD 24058	17.12 0.41 0.00	17.15 0.41 0.00	15.52 0.35 0.00	14.57 0.37 0.00	14.84 0.37 0.00	17.00 0.43 0.00	14.49 0.38 0.00	15.09 0.35 0.00	13.16 0.30 0.00	14.18 0.24 0.00	11.80 0.12 0.00	14.40 0.12 0.00	14.32 0.04 0.00	14.60 0.01 0.00	15.28 0.15 0.00	16.04 0.25 0.00	18.41 0.45 0.00	29.59 1.03 0.00	32.02 1.16 0.00	31.69 1.18 0.00	30.13 1.02 0.00	23.15 0.68 0.00	24.69 0.58 0.00	18.61 0.26 0.00
UPPER RAQUET___HYD 24056	16.23 -0.47 0.00	16.26 -0.49 0.00	14.65 -0.52 0.00	13.67 -0.52 0.00	13.95 -0.52 0.00	16.08 -0.49 0.00	13.72 -0.38 0.00	14.32 -0.43 0.00	12.47 -0.39 0.00	13.53 -0.41 0.00	11.28 -0.40 0.00	13.67 -0.61 0.00	13.66 -0.62 0.00	14.03 -0.56 0.00	14.44 -0.69 0.00	15.08 -0.72 0.00	17.22 -0.73 0.00	27.68 -0.89 0.00	29.93 -0.93 0.00	29.58 -0.93 0.00	28.28 -0.82 0.00	21.84 -0.63 0.00	23.39 -0.72 0.00	17.93 -0.42 0.00
VALLEY44_115KV_TB2 355964	16.76 0.05 0.00	16.68 -0.06 0.00	15.07 -0.10 0.00	14.12 -0.08 0.00	14.38 -0.09 0.00	16.54 -0.03 0.00	14.00 -0.10 0.00	14.72 -0.02 0.00	12.71 -0.15 0.00	13.90 -0.04 0.00	11.81 0.13 0.00	14.81 0.53 0.00	14.87 0.59 0.00	15.13 0.54 0.00	15.72 0.59 0.00	16.35 0.56 0.00	18.41 0.45 0.00	28.93 0.37 0.00	31.08 0.23 0.00	30.78 0.27 0.00	29.39 0.29 0.00	22.77 0.30 0.00	24.88 0.77 0.00	19.05 0.70 0.00

VALLEY___115KV_TB 1-4 80826	16.76 0.05 0.00	16.83 0.09 0.00	15.30 0.12 0.00	14.35 0.15 0.00	14.60 0.13 0.00	16.70 0.13 0.00	14.20 0.10 0.00	14.77 0.02 0.00	12.84 -0.01 0.00	13.86 -0.07 0.00	11.58 -0.11 0.00	14.15 -0.12 0.00	14.12 -0.16 0.00	14.41 -0.18 0.00	15.11 -0.02 0.00	15.80 0.01 0.00	18.03 0.07 0.00	28.75 0.19 0.00	31.04 0.19 0.00	30.67 0.17 0.00	29.24 0.14 0.00	22.53 0.06 0.00	24.08 -0.03 0.00	18.23 -0.12 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	17.31 0.60 0.00	17.35 0.60 0.00	15.76 0.59 0.00	14.77 0.56 0.00	15.04 0.57 0.00	17.22 0.65 0.00	14.63 0.53 0.00	15.32 0.58 0.00	13.37 0.51 0.00	14.45 0.51 0.00	12.11 0.42 0.00	14.85 0.57 0.00	14.86 0.59 0.00	15.17 0.58 0.00	15.75 0.62 0.00	16.44 0.65 0.00	18.72 0.76 0.00	29.71 1.14 0.00	32.12 1.27 0.00	31.79 1.29 0.00	30.29 1.18 0.00	23.34 0.87 0.00	25.05 0.93 0.00	18.98 0.64 0.00
VISCHER___FERRY HYD 24020	17.14 0.43 0.00	17.21 0.47 0.00	15.59 0.42 0.00	14.67 0.47 0.00	14.91 0.44 0.00	17.04 0.47 0.00	14.49 0.39 0.00	15.10 0.36 0.00	13.19 0.34 0.00	14.25 0.32 0.00	11.91 0.22 0.00	14.54 0.27 0.00	14.49 0.21 0.00	14.75 0.16 0.00	15.34 0.21 0.00	16.03 0.24 0.00	18.29 0.33 0.00	29.24 0.68 0.00	31.66 0.81 0.00	31.30 0.80 0.00	29.83 0.72 0.00	22.99 0.52 0.00	24.60 0.49 0.00	18.64 0.30 0.00
V_A_10_SYNC_DSASP 323832	15.90 -0.81 0.00	15.83 -0.92 0.00	14.31 -0.86 0.00	13.41 -0.79 0.00	13.68 -0.79 0.00	15.71 -0.86 0.00	13.28 -0.82 0.00	14.04 -0.70 0.00	12.08 -0.77 0.00	13.27 -0.66 0.00	11.27 -0.41 0.00	14.07 -0.21 0.00	14.10 -0.18 0.00	14.41 -0.18 0.00	14.94 -0.19 0.00	15.58 -0.21 0.00	17.47 -0.48 0.00	27.57 -0.99 0.00	29.73 -1.13 0.00	29.44 -1.07 0.00	28.17 -0.93 0.00	21.83 -0.64 0.00	23.75 -0.36 0.00	18.25 -0.10 0.00
V_CMM_10_SYNC_DSASP 323787	16.67 -0.04 0.00	16.66 -0.08 0.00	15.07 -0.10 0.00	14.06 -0.14 0.00	14.35 -0.12 0.00	16.49 -0.08 0.00	14.06 -0.05 0.00	14.70 -0.04 0.00	12.82 -0.04 0.00	13.93 0.00 0.00	11.66 -0.02 0.00	14.15 -0.13 0.00	14.13 -0.14 0.00	14.47 -0.12 0.00	14.92 -0.21 0.00	15.58 -0.21 0.00	17.73 -0.23 0.00	28.36 -0.20 0.00	30.64 -0.21 0.00	30.25 -0.26 0.00	28.90 -0.20 0.00	22.31 -0.16 0.00	23.93 -0.18 0.00	18.32 -0.02 0.00
V_CMP_10_SYNC_DSASP 323788	17.27 0.56 0.00	17.31 0.57 0.00	15.52 0.35 0.00	14.35 0.16 0.00	14.37 -0.10 0.00	16.88 0.30 0.00	14.68 0.58 0.00	15.12 0.38 0.00	13.20 0.34 0.00	14.39 0.46 0.00	11.99 0.31 0.00	14.47 0.19 0.00	14.58 0.31 0.00	15.15 0.56 0.00	15.45 0.32 0.00	15.85 0.06 0.00	18.18 0.22 0.00	29.82 1.26 0.00	32.50 1.64 0.00	32.10 1.60 0.00	30.33 1.22 0.00	23.10 0.63 0.00	24.41 0.30 0.00	18.89 0.54 0.00
V_D_10_SYNC_DSASP 323841	16.71 0.00 0.00	16.71 -0.04 0.00	15.10 -0.07 0.00	14.09 -0.11 0.00	14.39 -0.09 0.00	16.54 -0.03 0.00	14.09 -0.01 0.00	14.74 -0.01 0.00	12.84 -0.01 0.00	13.95 0.02 0.00	11.67 -0.01 0.00	14.16 -0.12 0.00	14.15 -0.13 0.00	14.49 -0.10 0.00	14.93 -0.20 0.00	15.59 -0.20 0.00	17.75 -0.20 0.00	28.44 -0.12 0.00	30.72 -0.13 0.00	30.33 -0.17 0.00	28.99 -0.11 0.00	22.37 -0.10 0.00	24.00 -0.11 0.00	18.39 0.04 0.00
V_E_10_SYNC_DSASP 323830	17.24 0.53 0.00	17.26 0.52 0.00	15.78 0.61 0.00	14.80 0.60 0.00	15.14 0.66 0.00	17.39 0.82 0.00	14.82 0.72 0.00	15.60 0.86 0.00	13.60 0.75 0.00	14.69 0.76 0.00	12.22 0.54 0.00	15.12 0.85 0.00	15.15 0.87 0.00	15.68 1.09 0.00	16.27 1.13 0.00	17.05 1.25 0.00	19.49 1.53 0.00	30.82 2.26 0.00	33.20 2.35 0.00	32.95 2.44 0.00	31.40 2.30 0.00	24.10 1.63 0.00	25.88 1.77 0.00	19.58 1.24 0.00
V_F_30_NSYNC___DSASP 323816	17.28 0.57 0.00	17.32 0.58 0.00	15.69 0.52 0.00	14.74 0.54 0.00	14.99 0.52 0.00	17.16 0.59 0.00	14.61 0.51 0.00	15.22 0.48 0.00	13.27 0.42 0.00	14.30 0.37 0.00	11.94 0.26 0.00	14.59 0.31 0.00	14.54 0.26 0.00	14.83 0.23 0.00	15.48 0.34 0.00	16.21 0.42 0.00	18.55 0.59 0.00	29.69 1.13 0.00	32.12 1.27 0.00	31.78 1.27 0.00	30.25 1.15 0.00	23.29 0.82 0.00	24.89 0.78 0.00	18.83 0.49 0.00
V_F_30_SYNC_DSASP 323786	16.84 0.13 0.00	16.98 0.24 0.00	15.45 0.28 0.00	14.51 0.31 0.00	14.74 0.27 0.00	16.80 0.23 0.00	14.34 0.24 0.00	14.92 0.17 0.00	13.05 0.19 0.00	14.09 0.15 0.00	11.78 0.10 0.00	14.39 0.11 0.00	14.39 0.11 0.00	14.69 0.10 0.00	15.26 0.13 0.00	15.94 0.15 0.00	18.17 0.21 0.00	28.88 0.31 0.00	31.24 0.39 0.00	30.90 0.40 0.00	29.45 0.34 0.00	22.69 0.22 0.00	24.29 0.17 0.00	18.40 0.06 0.00
V_XM_10_SYNC_DSASP 323789	17.27 0.56 0.00	17.31 0.57 0.00	15.52 0.35 0.00	14.35 0.16 0.00	14.37 -0.10 0.00	16.88 0.30 0.00	14.68 0.58 0.00	15.12 0.38 0.00	13.20 0.34 0.00	14.39 0.46 0.00	11.99 0.31 0.00	14.47 0.19 0.00	14.58 0.31 0.00	15.15 0.56 0.00	15.45 0.32 0.00	15.85 0.06 0.00	18.18 0.22 0.00	29.82 1.26 0.00	32.50 1.64 0.00	32.10 1.60 0.00	30.33 1.22 0.00	23.10 0.63 0.00	24.41 0.30 0.00	18.89 0.54 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	17.58 0.88 0.00	17.68 0.93 0.00	16.03 0.86 0.00	15.04 0.84 0.00	15.25 0.78 0.00	17.42 0.84 0.00	14.91 0.80 0.00	15.58 0.84 0.00	13.62 0.77 0.00	14.72 0.79 0.00	12.34 0.66 0.00	15.08 0.81 0.00	15.11 0.83 0.00	15.38 0.79 0.00	15.98 0.85 0.00	16.70 0.91 0.00	19.06 1.10 0.00	30.27 1.71 0.00	32.70 1.85 0.00	32.41 1.91 0.00	30.82 1.72 0.00	23.75 1.28 0.00	25.47 1.36 0.00	19.22 0.87 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	17.68 0.97 0.00	17.79 1.05 0.00	16.15 0.98 0.00	15.16 0.97 0.00	15.36 0.89 0.00	17.52 0.95 0.00	15.03 0.93 0.00	15.71 0.97 0.00	13.78 0.92 0.00	14.89 0.95 0.00	12.52 0.83 0.00	15.26 0.98 0.00	15.27 0.99 0.00	15.53 0.94 0.00	16.13 1.00 0.00	16.85 1.06 0.00	19.23 1.27 0.00	30.50 1.94 0.00	32.95 2.10 0.00	32.59 2.09 0.00	31.03 1.92 0.00	23.94 1.47 0.00	25.61 1.50 0.00	19.32 0.97 0.00
W50THST__13_KV_LOAD 356117	17.76 1.05 0.00	17.87 1.12 0.00	16.22 1.05 0.00	15.24 1.04 0.00	15.43 0.96 0.00	17.60 1.03 0.00	15.10 1.00 0.00	15.79 1.05 0.00	13.85 1.00 0.00	14.97 1.03 0.00	12.58 0.90 0.00	15.35 1.07 0.00	15.36 1.08 0.00	15.62 1.03 0.00	16.22 1.09 0.00	16.95 1.16 0.00	19.34 1.38 0.00	30.68 2.12 0.00	33.13 2.27 0.00	32.76 2.26 0.00	31.19 2.08 0.00	24.06 1.59 0.00	25.74 1.63 0.00	19.41 1.06 0.00
WADING RIVER_IC_1 23522	17.56 0.85 0.00	17.85 1.11 0.00	16.21 1.03 0.00	15.19 0.99 0.00	15.46 0.98 0.00	17.57 1.00 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.77 0.92 0.00	14.97 1.04 0.00	12.58 0.90 0.00	15.16 0.89 0.00	15.06 0.78 0.00	15.19 0.60 0.00	15.75 0.62 0.00	16.60 0.81 0.00	19.27 1.31 0.00	30.82 2.26 0.00	33.25 2.40 0.00	32.96 2.46 0.00	30.65 1.55 0.00	23.72 1.26 0.00	25.22 1.11 0.00	19.11 0.76 0.00

WADING RIVER_IC_2 23547	17.56 0.85 0.00	17.85 1.11 0.00	16.21 1.03 0.00	15.19 0.99 0.00	15.46 0.98 0.00	17.57 1.00 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.77 0.92 0.00	14.97 1.04 0.00	12.58 0.90 0.00	15.16 0.89 0.00	15.06 0.78 0.00	15.19 0.60 0.00	15.75 0.62 0.00	16.60 0.81 0.00	19.27 1.31 0.00	30.82 2.26 0.00	33.25 2.40 0.00	32.96 2.46 0.00	30.65 1.55 0.00	23.72 1.26 0.00	25.22 1.11 0.00	19.11 0.76 0.00
WADING RIVER_IC_3 23601	17.56 0.85 0.00	17.85 1.11 0.00	16.21 1.03 0.00	15.19 0.99 0.00	15.46 0.98 0.00	17.57 1.00 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.77 0.92 0.00	14.97 1.04 0.00	12.58 0.90 0.00	15.16 0.89 0.00	15.06 0.78 0.00	15.19 0.60 0.00	15.75 0.62 0.00	16.60 0.81 0.00	19.27 1.31 0.00	30.82 2.26 0.00	33.25 2.40 0.00	32.96 2.46 0.00	30.65 1.55 0.00	23.72 1.26 0.00	25.22 1.11 0.00	19.11 0.76 0.00
WALDENNY_12_KV_BK2 80841	16.09 -0.62 0.00	16.00 -0.74 0.00	14.46 -0.71 0.00	13.55 -0.64 0.00	13.84 -0.64 0.00	15.92 -0.65 0.00	13.46 -0.65 0.00	14.25 -0.49 0.00	12.26 -0.60 0.00	13.49 -0.45 0.00	11.48 -0.20 0.00	14.37 0.10 0.00	14.39 0.12 0.00	14.73 0.14 0.00	15.27 0.14 0.00	15.92 0.13 0.00	17.86 -0.10 0.00	28.17 -0.39 0.00	30.36 -0.49 0.00	30.11 -0.39 0.00	28.85 -0.26 0.00	22.37 -0.10 0.00	24.42 0.31 0.00	18.76 0.41 0.00
WALDEN___HYDRO 24148	17.59 0.88 0.00	17.67 0.93 0.00	16.03 0.86 0.00	15.03 0.84 0.00	15.26 0.79 0.00	17.42 0.85 0.00	14.91 0.80 0.00	15.57 0.83 0.00	13.61 0.75 0.00	14.70 0.77 0.00	12.31 0.63 0.00	15.04 0.76 0.00	15.05 0.78 0.00	15.32 0.73 0.00	15.93 0.80 0.00	16.68 0.88 0.00	19.03 1.07 0.00	30.29 1.73 0.00	32.73 1.88 0.00	32.45 1.94 0.00	30.87 1.76 0.00	23.78 1.31 0.00	25.47 1.36 0.00	19.22 0.87 0.00
WARRENSBURG___ 23737	17.12 0.41 0.00	17.15 0.41 0.00	15.52 0.35 0.00	14.57 0.37 0.00	14.84 0.37 0.00	17.00 0.43 0.00	14.49 0.38 0.00	15.09 0.35 0.00	13.16 0.30 0.00	14.18 0.24 0.00	11.80 0.12 0.00	14.40 0.12 0.00	14.32 0.04 0.00	14.60 0.01 0.00	15.28 0.15 0.00	16.04 0.25 0.00	18.41 0.45 0.00	29.59 1.03 0.00	32.02 1.16 0.00	31.69 1.18 0.00	30.13 1.02 0.00	23.15 0.68 0.00	24.69 0.58 0.00	18.61 0.26 0.00
WATERSIDE___6 8 9 23538	17.67 0.96 0.00	17.78 1.04 0.00	16.16 0.98 0.00	15.17 0.97 0.00	15.35 0.88 0.00	17.51 0.94 0.00	15.03 0.93 0.00	15.71 0.96 0.00	13.78 0.92 0.00	14.88 0.95 0.00	12.51 0.83 0.00	15.25 0.97 0.00	15.26 0.99 0.00	15.51 0.93 0.00	16.11 0.98 0.00	16.83 1.04 0.00	19.20 1.24 0.00	30.44 1.88 0.00	32.88 2.03 0.00	32.56 2.05 0.00	31.01 1.91 0.00	23.93 1.46 0.00	25.59 1.48 0.00	19.31 0.97 0.00
WATKINRD_115KV_LN8_ILLION 55919	16.76 0.06 0.00	16.83 0.08 0.00	15.28 0.10 0.00	14.32 0.13 0.00	14.58 0.11 0.00	16.68 0.10 0.00	14.18 0.08 0.00	14.78 0.04 0.00	12.86 0.00 0.00	13.89 -0.04 0.00	11.61 -0.07 0.00	14.20 -0.08 0.00	14.18 -0.10 0.00	15.14 -0.11 0.00	15.84 0.01 0.00	15.84 0.05 0.00	18.06 0.11 0.00	28.76 0.20 0.00	31.07 0.22 0.00	30.74 0.24 0.00	29.30 0.20 0.00	22.59 0.12 0.00	24.19 0.07 0.00	18.31 -0.03 0.00
WATSON___69_KV_BK 1 55734	17.91 1.20 0.00	18.09 1.35 0.00	16.40 1.23 0.00	15.32 1.12 0.00	15.53 1.06 0.00	17.66 1.09 0.00	15.13 1.02 0.00	15.84 1.09 0.00	13.86 1.00 0.00	15.07 1.13 0.00	12.74 1.06 0.00	15.44 1.17 0.00	15.34 1.06 0.00	15.51 0.92 0.00	16.08 0.95 0.00	16.89 1.09 0.00	19.49 1.53 0.00	31.05 2.49 0.00	33.50 2.65 0.00	33.20 2.70 0.00	31.22 2.12 0.00	24.19 1.72 0.00	25.76 1.65 0.00	19.46 1.11 0.00
WDELAWARE___HYD 323627	17.29 0.58 0.00	17.34 0.60 0.00	15.73 0.55 0.00	14.74 0.54 0.00	14.96 0.48 0.00	17.10 0.53 0.00	14.62 0.51 0.00	15.28 0.54 0.00	13.33 0.47 0.00	14.37 0.44 0.00	12.01 0.33 0.00	14.72 0.45 0.00	14.69 0.41 0.00	14.94 0.35 0.00	15.51 0.38 0.00	16.24 0.45 0.00	18.64 0.68 0.00	29.72 1.16 0.00	32.14 1.29 0.00	31.88 1.37 0.00	30.35 1.24 0.00	23.38 0.91 0.00	25.02 0.91 0.00	18.85 0.50 0.00
WEST BABYLON___IC 23714	17.90 1.20 0.00	18.06 1.32 0.00	16.37 1.20 0.00	15.30 1.10 0.00	15.51 1.03 0.00	17.64 1.07 0.00	15.10 1.00 0.00	15.81 1.07 0.00	13.83 0.98 0.00	15.04 1.10 0.00	12.71 1.03 0.00	15.42 1.14 0.00	15.32 1.04 0.00	15.50 0.91 0.00	16.09 0.96 0.00	16.89 1.10 0.00	19.46 1.50 0.00	30.99 2.43 0.00	33.44 2.59 0.00	33.14 2.64 0.00	31.21 2.11 0.00	24.17 1.70 0.00	25.75 1.64 0.00	19.44 1.09 0.00
WEST CANADA___HYD 24049	16.72 0.02 0.00	16.78 0.03 0.00	15.22 0.05 0.00	14.25 0.06 0.00	14.52 0.04 0.00	16.61 0.03 0.00	14.13 0.03 0.00	14.76 0.01 0.00	12.88 0.02 0.00	13.95 0.01 0.00	11.68 0.00 0.00	14.29 0.01 0.00	14.29 0.01 0.00	14.60 0.00 0.00	15.17 0.04 0.00	15.83 0.04 0.00	18.01 0.05 0.00	28.63 0.07 0.00	30.92 0.06 0.00	30.60 0.09 0.00	29.19 0.08 0.00	22.53 0.06 0.00	24.17 0.05 0.00	18.35 0.01 0.00
WESTERN_NY_WIND 24143	16.27 -0.44 0.00	16.17 -0.58 0.00	14.62 -0.55 0.00	13.70 -0.50 0.00	13.99 -0.48 0.00	16.08 -0.49 0.00	13.59 -0.51 0.00	14.37 -0.37 0.00	12.33 -0.53 0.00	13.56 -0.37 0.00	11.56 -0.12 0.00	14.44 0.16 0.00	14.46 0.18 0.00	14.78 0.19 0.00	15.30 0.17 0.00	15.99 0.20 0.00	17.94 -0.02 0.00	28.34 -0.22 0.00	30.63 -0.22 0.00	30.42 -0.09 0.00	29.14 0.03 0.00	22.55 0.08 0.00	24.51 0.40 0.00	18.78 0.44 0.00
WESTOVER___LESR 323668	16.79 0.08 0.00	16.82 0.08 0.00	15.24 0.07 0.00	14.28 0.08 0.00	14.54 0.07 0.00	16.67 0.10 0.00	14.15 0.05 0.00	14.83 0.08 0.00	12.90 0.04 0.00	13.98 0.05 0.00	11.78 0.10 0.00	14.53 0.25 0.00	14.57 0.29 0.00	14.88 0.29 0.00	15.45 0.32 0.00	16.11 0.32 0.00	18.30 0.34 0.00	28.95 0.38 0.00	31.18 0.33 0.00	30.83 0.33 0.00	29.42 0.32 0.00	22.70 0.24 0.00	24.54 0.43 0.00	18.60 0.26 0.00
WETHRSFD_WT_PWR 323626	15.73 -0.98 0.00	15.66 -1.08 0.00	14.15 -1.02 0.00	13.29 -0.91 0.00	13.55 -0.92 0.00	15.60 -0.97 0.00	13.23 -0.87 0.00	14.01 -0.73 0.00	12.13 -0.72 0.00	13.34 -0.59 0.00	11.35 -0.33 0.00	14.16 -0.12 0.00	14.18 -0.10 0.00	14.55 -0.04 0.00	15.03 -0.10 0.00	15.71 -0.08 0.00	17.70 -0.26 0.00	27.94 -0.62 0.00	30.13 -0.72 0.00	29.92 -0.58 0.00	28.70 -0.40 0.00	22.21 -0.26 0.00	24.22 0.11 0.00	18.61 0.26 0.00
WHAVSTOR_138KV_BK127 55557	17.51 0.80 0.00	17.61 0.86 0.00	15.98 0.80 0.00	14.99 0.79 0.00	15.19 0.72 0.00	17.35 0.77 0.00	14.85 0.75 0.00	15.52 0.78 0.00	13.57 0.71 0.00	14.67 0.73 0.00	12.30 0.62 0.00	15.03 0.75 0.00	15.05 0.77 0.00	15.32 0.72 0.00	15.91 0.78 0.00	16.62 0.83 0.00	18.97 1.01 0.00	30.13 1.57 0.00	32.55 1.69 0.00	32.25 1.75 0.00	30.67 1.57 0.00	23.64 1.17 0.00	25.35 1.24 0.00	19.13 0.78 0.00

WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	17.51 0.80 0.00	17.61 0.86 0.00	15.98 0.80 0.00	14.99 0.79 0.00	15.19 0.72 0.00	17.35 0.77 0.00	14.85 0.75 0.00	15.52 0.78 0.00	13.57 0.71 0.00	14.67 0.73 0.00	12.30 0.62 0.00	15.03 0.75 0.00	15.05 0.77 0.00	15.32 0.72 0.00	15.91 0.78 0.00	16.62 0.83 0.00	18.97 1.01 0.00	30.13 1.57 0.00	32.55 1.69 0.00	32.25 1.75 0.00	30.67 1.57 0.00	23.64 1.17 0.00	25.35 1.24 0.00	19.13 0.78 0.00
WHITEHAL_115KV_TB1 80871	17.49 0.79 0.00	17.49 0.75 0.00	15.71 0.54 0.00	14.80 0.60 0.00	15.12 0.64 0.00	17.36 0.78 0.00	14.86 0.75 0.00	15.42 0.68 0.00	13.45 0.59 0.00	14.47 0.54 0.00	11.96 0.28 0.00	14.53 0.26 0.00	14.31 0.04 0.00	14.58 -0.01 0.00	15.29 0.16 0.00	16.14 0.35 0.00	18.62 0.66 0.00	30.46 1.90 0.00	32.92 2.07 0.00	32.64 2.14 0.00	30.90 1.79 0.00	23.64 1.17 0.00	25.14 1.03 0.00	18.75 0.40 0.00
WHITEPLN_13_KV_LOAD 356215	17.72 1.01 0.00	17.81 1.06 0.00	16.15 0.98 0.00	15.16 0.96 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.02 0.92 0.00	15.70 0.96 0.00	13.76 0.90 0.00	14.88 0.95 0.00	12.49 0.81 0.00	15.24 0.96 0.00	15.24 0.96 0.00	15.50 0.91 0.00	16.10 0.96 0.00	16.82 1.03 0.00	19.21 1.25 0.00	30.54 1.98 0.00	33.01 2.16 0.00	32.69 2.19 0.00	31.12 2.02 0.00	24.02 1.55 0.00	25.71 1.60 0.00	19.38 1.03 0.00
WM_FLOYD_69_KV_BK2 356380	17.75 1.04 0.00	17.99 1.24 0.00	16.32 1.15 0.00	15.27 1.08 0.00	15.51 1.04 0.00	17.64 1.07 0.00	15.11 1.01 0.00	15.81 1.06 0.00	13.82 0.97 0.00	15.03 1.10 0.00	12.67 0.98 0.00	15.30 1.02 0.00	15.19 0.91 0.00	15.33 0.74 0.00	15.89 0.76 0.00	16.73 0.93 0.00	19.37 1.42 0.00	30.99 2.43 0.00	33.44 2.58 0.00	33.14 2.64 0.00	30.97 1.87 0.00	23.98 1.51 0.00	25.51 1.39 0.00	19.30 0.95 0.00
WOODARD__115KV_TB2 355635	16.47 -0.24 0.00	16.50 -0.24 0.00	14.95 -0.22 0.00	14.00 -0.19 0.00	14.27 -0.20 0.00	16.34 -0.23 0.00	13.89 -0.21 0.00	14.54 -0.20 0.00	12.65 -0.20 0.00	13.72 -0.21 0.00	11.53 -0.15 0.00	14.16 -0.11 0.00	14.20 -0.08 0.00	14.52 -0.07 0.00	15.08 -0.06 0.00	15.73 -0.06 0.00	17.84 -0.12 0.00	28.26 -0.30 0.00	30.50 -0.35 0.00	30.18 -0.32 0.00	28.81 -0.30 0.00	22.24 -0.23 0.00	23.90 -0.21 0.00	18.18 -0.16 0.00
YORK___WARBASSE 23770	17.70 1.00 0.00	17.81 1.07 0.00	16.19 1.01 0.00	15.19 0.99 0.00	15.37 0.90 0.00	17.54 0.97 0.00	15.05 0.95 0.00	15.74 1.00 0.00	13.79 0.94 0.00	14.90 0.97 0.00	12.52 0.84 0.00	15.27 0.99 0.00	15.29 1.01 0.00	15.54 0.95 0.00	16.14 1.01 0.00	16.86 1.07 0.00	19.24 1.28 0.00	30.50 1.94 0.00	32.96 2.11 0.00	32.65 2.14 0.00	31.09 1.99 0.00	23.99 1.53 0.00	25.66 1.55 0.00	19.38 1.03 0.00