

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/01/2023

ALBANY___4 23574	36.35 0.38 0.00	32.11 0.32 0.00	25.34 0.29 0.00	21.28 0.24 0.00	23.47 0.22 0.00	28.48 0.13 0.00	29.23 0.20 0.00	31.70 0.17 0.00	28.67 0.22 0.00	28.14 0.27 0.00	25.23 0.27 0.00	27.07 0.38 0.00	27.77 0.43 0.00	31.71 0.45 0.00	30.50 0.44 0.00	33.54 0.47 0.00	37.29 0.57 0.00	44.62 0.73 0.00	57.69 0.95 0.00	45.95 0.89 0.00	31.80 0.58 0.00	29.65 0.47 0.00	25.86 0.34 0.00	27.84 0.29 0.00
ALBANY___LFGE 323615	36.73 0.76 0.00	32.44 0.65 0.00	25.60 0.54 0.00	21.51 0.46 0.00	23.72 0.47 0.00	28.78 0.43 0.00	29.54 0.51 0.00	32.05 0.52 0.00	28.99 0.54 0.00	28.45 0.59 0.00	25.51 0.55 0.00	27.39 0.69 0.00	28.09 0.75 0.00	32.09 0.83 0.00	30.87 0.80 0.00	33.92 0.85 0.00	37.71 1.00 0.00	45.13 1.24 0.00	58.36 1.62 0.00	46.47 1.41 0.00	32.16 0.93 0.00	29.97 0.79 0.00	26.13 0.61 0.00	28.13 0.58 0.00
ALCOA_PA_115KV_PL-6C 55860	35.89 -0.07 0.00	31.85 0.06 0.00	25.12 0.06 0.00	21.10 0.06 0.00	23.26 0.01 0.00	28.35 0.00 0.00	28.98 -0.06 0.00	31.39 -0.14 0.00	26.60 -0.51 1.33	27.50 -0.37 0.00	24.61 -0.35 0.00	26.27 -0.43 0.00	26.92 -0.42 0.00	30.79 -0.47 0.00	29.59 -0.47 0.00	32.58 -0.49 0.00	36.20 -0.51 0.00	43.27 -0.62 0.00	55.96 -0.79 0.00	44.46 -0.59 0.00	30.87 -0.36 0.00	28.92 -0.26 0.00	25.38 -0.14 0.00	27.38 -0.17 0.00
ALCOA_RYNLDS___DRP 24188	35.89 -0.07 0.00	31.85 0.06 0.00	25.12 0.06 0.00	21.10 0.06 0.00	23.26 0.01 0.00	28.35 0.00 0.00	28.98 -0.06 0.00	31.39 -0.14 0.00	26.60 -0.51 1.33	27.50 -0.37 0.00	24.61 -0.35 0.00	26.27 -0.43 0.00	26.92 -0.42 0.00	30.79 -0.47 0.00	29.59 -0.47 0.00	32.58 -0.49 0.00	36.20 -0.51 0.00	43.27 -0.62 0.00	55.96 -0.79 0.00	44.46 -0.59 0.00	30.87 -0.36 0.00	28.92 -0.26 0.00	25.38 -0.14 0.00	27.38 -0.17 0.00
ALCOA___DSASP 323711	35.89 -0.07 0.00	31.85 0.06 0.00	25.12 0.07 0.00	21.10 0.06 0.00	23.26 0.02 0.00	28.35 0.00 0.00	28.98 -0.06 0.00	31.39 -0.14 0.00	26.60 -0.51 1.33	27.50 -0.37 0.00	24.61 -0.35 0.00	26.27 -0.43 0.00	26.92 -0.42 0.00	30.79 -0.47 0.00	29.59 -0.47 0.00	32.58 -0.49 0.00	36.20 -0.51 0.00	43.27 -0.62 0.00	55.95 -0.79 0.00	44.46 -0.60 0.00	30.87 -0.36 0.00	28.92 -0.26 0.00	25.38 -0.14 0.00	27.38 -0.16 0.00
ALLEGHENY___COGEN 23514	37.71 1.75 0.00	33.12 1.33 0.00	25.90 0.84 0.00	21.76 0.71 0.00	24.27 1.02 0.00	30.01 1.66 0.00	30.57 1.54 0.00	33.16 1.63 0.00	29.57 1.12 0.00	28.95 1.08 0.00	25.91 0.95 0.00	27.52 0.82 0.00	28.11 0.77 0.00	32.33 1.07 0.00	31.06 1.00 0.00	34.18 1.11 0.00	37.75 1.04 0.00	45.20 1.31 0.00	58.55 1.81 0.00	46.91 1.85 0.00	32.74 1.51 0.00	30.62 1.44 0.00	26.86 1.35 0.00	28.98 1.43 0.00
ALTAMONT_115KV_TB 2 55880	36.84 0.87 0.00	32.53 0.73 0.00	25.67 0.62 0.00	21.55 0.50 0.00	23.76 0.52 0.00	28.88 0.52 0.00	29.63 0.60 0.00	32.15 0.62 0.00	29.07 0.62 0.00	28.54 0.67 0.00	25.60 0.63 0.00	27.45 0.76 0.00	28.13 0.79 0.00	32.14 0.89 0.00	30.93 0.86 0.00	34.02 0.96 0.00	37.80 1.09 0.00	45.22 1.33 0.00	58.48 1.74 0.00	46.55 1.49 0.00	32.23 1.00 0.00	30.06 0.89 0.00	26.23 0.71 0.00	28.24 0.69 0.00
ALTONA_WT_PWR 323606	36.86 0.90 0.00	32.79 1.00 0.00	25.82 0.77 0.00	21.78 0.74 0.00	24.16 0.92 0.00	29.50 1.15 0.00	30.21 1.18 0.00	32.79 1.26 0.00	80.75 1.25 -51.06	28.48 0.60 0.00	25.21 0.25 0.00	26.85 0.15 0.00	27.69 0.35 0.00	31.63 0.37 0.00	30.30 0.23 0.00	33.36 0.29 0.00	37.28 0.57 0.00	44.69 0.80 0.00	58.06 1.32 0.00	46.51 1.46 0.00	32.26 1.04 0.00	30.28 1.10 0.00	26.44 0.92 0.00	28.41 0.86 0.00
AMERICAN_REF_FUEL 24010	35.38 -0.58 0.00	31.12 -0.67 0.00	24.43 -0.62 0.00	20.55 -0.49 0.00	22.86 -0.38 0.00	28.30 -0.05 0.00	28.59 -0.44 0.00	31.06 -0.47 0.00	27.90 -0.55 0.00	27.57 -0.31 0.00	24.93 -0.03 0.00	26.39 -0.31 0.00	26.90 -0.43 0.00	30.95 -0.31 0.00	29.70 -0.36 0.00	34.08 -0.31 -1.33	35.56 -1.15 0.00	42.33 -1.56 0.00	54.81 -1.94 0.00	43.31 -1.74 0.00	29.88 -1.35 0.00	27.89 -1.29 0.00	24.67 -0.85 0.00	27.00 -0.54 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.79 0.83 0.00	32.32 0.52 0.00	25.23 0.17 0.00	21.21 0.16 0.00	23.64 0.40 0.00	29.29 0.94 0.00	29.79 0.76 0.00	32.55 1.03 0.00	29.24 0.80 0.00	29.03 1.16 0.00	26.20 1.24 0.00	27.80 1.11 0.00	28.32 0.98 0.00	32.62 1.36 0.00	31.30 1.23 0.00	35.35 1.40 -0.88	37.74 1.03 0.00	44.99 1.10 0.00	58.17 1.42 0.00	45.82 0.76 0.00	31.57 0.34 0.00	29.53 0.36 0.00	26.14 0.62 0.00	28.42 0.88 0.00
ARTHUR_KILL_GT_1 23520	37.58 1.62 0.00	33.04 1.25 0.00	26.23 1.18 0.00	21.99 0.95 0.00	24.21 0.96 0.00	29.38 1.03 0.00	30.21 1.18 0.00	32.44 1.12 0.21	29.85 1.42 0.02	29.47 1.60 0.00	26.58 1.62 0.00	28.15 1.82 0.36	29.08 1.74 0.01	31.16 2.00 2.11	29.72 2.08 2.43	30.07 2.51 5.52	30.10 2.73 9.34	45.24 3.22 1.88	60.96 4.21 0.00	48.22 3.16 0.00	33.33 2.10 0.00	31.10 1.93 0.00	27.15 1.63 0.00	29.05 1.51 0.00
ARTHUR_KILL_2 23512	37.47 1.51 0.00	32.95 1.16 0.00	26.16 1.10 0.00	21.93 0.89 0.00	24.14 0.90 0.00	29.30 0.95 0.00	30.13 1.10 0.00	32.34 1.02 0.21	29.76 1.34 0.02	29.38 1.51 0.00	26.51 1.55 0.00	28.07 1.74 0.36	28.99 1.66 0.01	31.05 1.90 2.11	29.62 1.99 2.43	29.95 2.40 5.52	29.97 2.60 9.34	45.07 3.06 1.88	60.75 4.01 0.00	48.05 3.00 0.00	33.21 1.98 0.00	31.00 1.83 0.00	27.07 1.54 0.00	28.97 1.42 0.00
ARTHUR_KILL_3 23513	37.41 1.45 0.00	32.89 1.11 0.00	26.05 1.00 0.00	21.85 0.80 0.00	24.04 0.80 0.00	29.18 0.83 0.00	30.01 0.98 0.00	32.36 1.03 0.21	29.69 1.27 0.03	29.37 1.50 0.00	26.52 1.56 0.00	28.46 1.77 0.00	29.05 1.71 0.00	33.21 1.95 0.00	32.07 2.00 0.00	35.45 2.38 0.00	39.30 2.59 0.00	46.91 3.02 0.00	60.52 3.78 0.00	47.80 2.75 0.00	33.03 1.81 0.00	30.82 1.65 0.00	26.92 1.39 0.00	28.86 1.31 0.00
ARTHUR_KILL_COGEN 323718	37.58 1.62 0.00	33.04 1.25 0.00	26.23 1.18 0.00	21.99 0.95 0.00	24.21 0.96 0.00	29.38 1.03 0.00	30.21 1.18 0.00	32.44 1.12 0.21	29.85 1.42 0.02	29.47 1.60 0.00	26.58 1.62 0.00	28.15 1.82 0.36	29.08 1.74 0.01	31.16 2.00 2.11	29.72 2.08 2.43	30.07 2.51 5.52	30.10 2.73 9.34	45.24 3.22 1.88	60.96 4.21 0.00	48.22 3.16 0.00	33.33 2.10 0.00	31.10 1.93 0.00	27.15 1.63 0.00	29.05 1.51 0.00
ASHOKAN____ 23654	37.54 1.58 0.00	33.08 1.29 0.00	26.13 1.07 0.00	21.93 0.89 0.00	24.17 0.92 0.00	29.36 1.01 0.00	30.18 1.15 0.00	32.78 1.25 0.00	29.55 1.10 0.00	28.91 1.03 0.00	25.89 0.93 0.00	27.77 1.08 0.00	28.49 1.15 0.00	32.68 1.42 0.00	31.61 1.54 0.00	34.68 1.62 0.00	38.57 1.86 0.00	46.26 2.37 0.00	60.03 3.29 0.00	47.91 2.86 0.00	33.22 1.99 0.00	30.88 1.71 0.00	26.83 1.31 0.00	28.83 1.28 0.00

ASTORIA_GT_10 24110	37.64 1.68 0.00	33.11 1.32 0.00	26.21 1.15 0.00	21.96 0.91 0.00	24.16 0.92 0.00	29.36 1.01 0.00	30.22 1.18 0.00	32.83 1.30 0.00	29.97 1.53 0.00	29.60 1.72 0.00	26.69 1.73 0.00	28.64 1.94 0.00	29.22 1.88 0.00	33.40 2.14 0.00	32.27 2.21 0.00	35.68 2.61 0.00	39.55 2.84 0.00	47.18 3.29 0.00	60.87 4.12 0.00	48.11 3.05 0.00	33.28 2.05 0.00	31.05 1.87 0.00	27.10 1.58 0.00	29.02 1.48 0.00
ASTORIA_GT_11 24225	37.64 1.68 0.00	33.11 1.32 0.00	26.21 1.15 0.00	21.96 0.91 0.00	24.16 0.92 0.00	29.36 1.01 0.00	30.22 1.18 0.00	32.83 1.30 0.00	29.97 1.53 0.00	29.60 1.72 0.00	26.69 1.73 0.00	28.64 1.94 0.00	29.22 1.88 0.00	33.40 2.14 0.00	32.27 2.21 0.00	35.68 2.61 0.00	39.55 2.84 0.00	47.18 3.29 0.00	60.87 4.12 0.00	48.11 3.05 0.00	33.28 2.05 0.00	31.05 1.87 0.00	27.10 1.58 0.00	29.02 1.48 0.00
ASTORIA_GT_12 24226	37.64 1.68 0.00	33.11 1.32 0.00	26.21 1.15 0.00	21.96 0.91 0.00	24.16 0.92 0.00	29.36 1.01 0.00	30.22 1.18 0.00	32.83 1.30 0.00	29.97 1.53 0.00	29.60 1.72 0.00	26.69 1.73 0.00	28.64 1.94 0.00	29.22 1.88 0.00	33.40 2.14 0.00	32.27 2.21 0.00	35.68 2.61 0.00	39.55 2.84 0.00	47.18 3.29 0.00	60.87 4.12 0.00	48.11 3.05 0.00	33.28 2.05 0.00	31.05 1.87 0.00	27.10 1.58 0.00	29.02 1.48 0.00
ASTORIA_GT_13 24227	37.64 1.68 0.00	33.11 1.32 0.00	26.21 1.15 0.00	21.96 0.91 0.00	24.16 0.92 0.00	29.36 1.01 0.00	30.22 1.18 0.00	32.83 1.30 0.00	29.97 1.53 0.00	29.60 1.72 0.00	26.69 1.73 0.00	28.64 1.94 0.00	29.22 1.88 0.00	33.40 2.14 0.00	32.27 2.21 0.00	35.68 2.61 0.00	39.55 2.84 0.00	47.18 3.29 0.00	60.87 4.12 0.00	48.11 3.05 0.00	33.28 2.05 0.00	31.05 1.87 0.00	27.10 1.58 0.00	29.02 1.48 0.00
ASTORIA_GT_5 24106	37.69 1.73 0.00	33.15 1.36 0.00	26.22 1.16 0.00	21.98 0.93 0.00	24.20 0.95 0.00	29.39 1.04 0.00	30.25 1.22 0.00	32.86 1.33 0.00	29.99 1.55 0.00	29.60 1.73 0.00	26.67 1.71 0.00	28.61 1.92 0.00	29.19 1.85 0.00	33.34 2.08 0.00	32.24 2.18 0.00	35.65 2.58 0.00	39.54 2.83 0.00	47.21 3.32 0.00	60.85 4.11 0.00	48.11 3.06 0.00	33.27 2.05 0.00	31.09 1.91 0.00	27.13 1.61 0.00	29.02 1.47 0.00
ASTORIA_GT_7 24107	37.69 1.73 0.00	33.15 1.36 0.00	26.22 1.16 0.00	21.98 0.93 0.00	24.20 0.95 0.00	29.39 1.04 0.00	30.25 1.22 0.00	32.86 1.33 0.00	29.99 1.55 0.00	29.60 1.73 0.00	26.67 1.71 0.00	28.61 1.92 0.00	29.19 1.85 0.00	33.34 2.08 0.00	32.24 2.18 0.00	35.65 2.58 0.00	39.54 2.83 0.00	47.21 3.32 0.00	60.85 4.11 0.00	48.11 3.06 0.00	33.27 2.05 0.00	31.09 1.91 0.00	27.13 1.61 0.00	29.02 1.47 0.00
ASTORIA_GT_8 24108	37.69 1.73 0.00	33.15 1.36 0.00	26.24 1.18 0.00	21.99 0.95 0.00	24.20 0.95 0.00	29.39 1.04 0.00	30.25 1.22 0.00	32.87 1.34 0.00	29.99 1.55 0.00	29.60 1.73 0.00	26.67 1.71 0.00	28.61 1.92 0.00	29.19 1.85 0.00	33.33 2.08 0.00	32.24 2.18 0.00	35.65 2.58 0.00	39.54 2.83 0.00	47.21 3.32 0.00	60.85 4.11 0.00	48.11 3.06 0.00	33.27 2.05 0.00	31.09 1.91 0.00	27.13 1.61 0.00	29.02 1.47 0.00
ASTORIA___2 24149	37.61 1.65 0.00	33.09 1.30 0.00	26.17 1.12 0.00	21.93 0.89 0.00	24.15 0.91 0.00	29.33 0.98 0.00	30.19 1.16 0.00	32.79 1.26 0.00	29.92 1.48 0.00	29.53 1.66 0.00	26.61 1.65 0.00	28.54 1.85 0.00	29.12 1.78 0.00	33.25 1.99 0.00	32.16 2.10 0.00	35.56 2.49 0.00	39.46 2.75 0.00	47.09 3.20 0.00	60.69 3.95 0.00	48.00 2.94 0.00	33.20 1.98 0.00	31.01 1.84 0.00	27.07 1.55 0.00	28.96 1.41 0.00
ASTORIA___3 23516	37.64 1.68 0.00	33.11 1.32 0.00	26.19 1.13 0.00	21.95 0.91 0.00	24.16 0.92 0.00	29.36 1.01 0.00	30.22 1.18 0.00	32.83 1.30 0.00	29.97 1.53 0.00	29.59 1.72 0.00	26.69 1.73 0.00	28.64 1.95 0.00	29.23 1.88 0.00	33.40 2.15 0.00	32.27 2.21 0.00	35.68 2.61 0.00	39.54 2.83 0.00	47.18 3.29 0.00	60.87 4.12 0.00	48.11 3.05 0.00	33.28 2.05 0.00	31.05 1.87 0.00	27.10 1.58 0.00	29.02 1.48 0.00
ASTORIA___4 23517	37.64 1.68 0.00	33.11 1.32 0.00	26.21 1.15 0.00	21.96 0.91 0.00	24.16 0.92 0.00	29.36 1.01 0.00	30.22 1.18 0.00	32.83 1.30 0.00	29.97 1.53 0.00	29.60 1.72 0.00	26.69 1.73 0.00	28.64 1.94 0.00	29.22 1.88 0.00	33.40 2.14 0.00	32.27 2.21 0.00	35.68 2.61 0.00	39.55 2.84 0.00	47.18 3.29 0.00	60.87 4.12 0.00	48.11 3.05 0.00	33.28 2.05 0.00	31.05 1.87 0.00	27.10 1.58 0.00	29.02 1.48 0.00
ASTORIA___5 23518	37.64 1.68 0.00	33.11 1.32 0.00	26.19 1.13 0.00	21.95 0.91 0.00	24.16 0.92 0.00	29.36 1.01 0.00	30.22 1.18 0.00	32.83 1.30 0.00	29.97 1.52 0.00	29.59 1.72 0.00	26.69 1.73 0.00	28.64 1.95 0.00	29.23 1.88 0.00	33.40 2.15 0.00	32.27 2.20 0.00	35.68 2.61 0.00	39.54 2.83 0.00	47.18 3.29 0.00	60.87 4.12 0.00	48.10 3.05 0.00	33.27 2.05 0.00	31.05 1.87 0.00	27.10 1.58 0.00	29.02 1.48 0.00
AST_ENERGY_2_CC3 323677	37.56 1.59 0.00	33.02 1.23 0.00	26.12 1.06 0.00	21.90 0.86 0.00	24.10 0.85 0.00	29.26 0.90 0.00	30.10 1.07 0.00	32.72 1.19 0.00	29.85 1.41 0.00	29.50 1.63 0.00	26.59 1.63 0.00	28.54 1.85 0.00	29.12 1.78 0.00	33.29 2.03 0.00	32.16 2.10 0.00	35.56 2.49 0.00	39.43 2.72 0.00	47.06 3.17 0.00	60.74 4.00 0.00	47.99 2.94 0.00	33.17 1.94 0.00	30.94 1.76 0.00	27.00 1.48 0.00	28.93 1.38 0.00
AST_ENERGY_2_CC4 323678	37.56 1.59 0.00	33.02 1.23 0.00	26.12 1.06 0.00	21.90 0.86 0.00	24.10 0.85 0.00	29.26 0.90 0.00	30.10 1.07 0.00	32.72 1.19 0.00	29.85 1.41 0.00	29.50 1.63 0.00	26.59 1.63 0.00	28.54 1.85 0.00	29.12 1.78 0.00	33.29 2.03 0.00	32.16 2.10 0.00	35.56 2.49 0.00	39.43 2.72 0.00	47.06 3.17 0.00	60.74 4.00 0.00	47.99 2.94 0.00	33.17 1.94 0.00	30.94 1.76 0.00	27.00 1.48 0.00	28.93 1.38 0.00
ATHENS_STG_1 23668	36.98 1.01 0.00	32.62 0.82 0.00	25.74 0.69 0.00	21.59 0.55 0.00	23.81 0.56 0.00	28.95 0.60 0.00	29.72 0.69 0.00	32.26 0.73 0.00	29.25 0.81 0.00	28.81 0.93 0.00	25.89 0.92 0.00	27.76 1.06 0.00	28.42 1.08 0.00	32.47 1.22 0.00	31.28 1.22 0.00	34.46 1.40 0.00	38.27 1.56 0.00	45.73 1.84 0.00	59.09 2.35 0.00	46.92 1.87 0.00	32.48 1.25 0.00	30.29 1.12 0.00	26.43 0.91 0.00	28.43 0.88 0.00
ATHENS_STG_2 23670	36.98 1.01 0.00	32.62 0.82 0.00	25.74 0.69 0.00	21.59 0.55 0.00	23.81 0.56 0.00	28.95 0.60 0.00	29.72 0.69 0.00	32.26 0.73 0.00	29.25 0.81 0.00	28.81 0.93 0.00	25.89 0.92 0.00	27.76 1.06 0.00	28.42 1.08 0.00	32.47 1.22 0.00	31.28 1.22 0.00	34.46 1.40 0.00	38.27 1.56 0.00	45.73 1.84 0.00	59.09 2.35 0.00	46.92 1.87 0.00	32.48 1.25 0.00	30.29 1.12 0.00	26.43 0.91 0.00	28.43 0.88 0.00

ATHENS_STG_3 23677	36.98 1.01 0.00	32.62 0.82 0.00	25.74 0.69 0.00	21.59 0.55 0.00	23.81 0.56 0.00	28.95 0.60 0.00	29.72 0.69 0.00	32.26 0.73 0.00	29.25 0.81 0.00	28.81 0.93 0.00	25.89 0.92 0.00	27.76 1.06 0.00	28.42 1.08 0.00	32.47 1.22 0.00	31.28 1.22 0.00	34.46 1.40 0.00	38.27 1.56 0.00	45.73 1.84 0.00	59.09 2.35 0.00	46.92 1.87 0.00	32.48 1.25 0.00	30.29 1.12 0.00	26.43 0.91 0.00	28.43 0.88 0.00
AUBURN____LFGE 323710	36.34 0.38 0.00	32.09 0.30 0.00	25.15 0.10 0.00	21.20 0.16 0.00	23.56 0.31 0.00	28.80 0.45 0.00	29.40 0.37 0.00	32.12 0.58 0.00	28.86 0.42 0.00	28.29 0.41 0.00	25.42 0.45 0.00	27.17 0.48 0.00	27.66 0.32 0.00	31.66 0.40 0.00	30.57 0.50 0.00	33.62 0.56 0.00	37.26 0.55 0.00	44.59 0.70 0.00	57.86 1.12 0.00	45.90 0.84 0.00	31.81 0.59 0.00	29.64 0.47 0.00	25.84 0.31 0.00	27.99 0.44 0.00
BABYLON_RES_REC 323704	45.48 2.85 -6.67	34.17 2.37 0.00	39.67 1.91 -12.70	22.56 1.51 0.00	24.81 1.56 0.00	30.09 1.74 0.00	30.75 1.72 0.00	33.53 2.00 0.00	30.68 2.23 0.00	30.23 2.36 0.00	29.70 2.33 -2.41	29.31 2.54 -0.08	29.78 2.44 0.00	34.08 2.75 -0.07	35.09 2.91 -2.12	40.05 3.50 -3.49	60.77 3.91 -20.14	55.92 4.59 -7.43	82.36 5.96 -19.66	49.93 4.48 -0.40	47.75 3.08 -13.44	90.16 2.73 -58.25	27.70 2.18 0.00	29.61 2.05 0.00
BABYLON__69_KV_BK2 356345	45.95 3.33 -6.66	34.57 2.78 0.00	56.77 2.30 -29.41	22.85 1.80 0.00	25.11 1.86 0.00	30.42 2.07 0.00	31.07 2.04 0.00	33.89 2.36 0.00	31.03 2.58 0.00	30.59 2.72 0.00	30.02 2.65 -2.41	29.68 2.92 -0.07	30.17 2.83 0.00	34.57 3.23 -0.07	35.59 3.41 -2.11	40.58 4.03 -3.48	61.29 4.44 -20.14	56.52 5.20 -7.43	83.20 6.80 -19.66	50.56 5.11 -0.39	48.19 3.52 -13.44	90.58 3.16 -58.25	28.03 2.51 0.00	29.96 2.41 0.00
BARON_WINDS____WT_PWR 323822	36.38 0.42 0.00	31.97 0.18 0.00	25.10 0.04 0.00	21.08 0.04 0.00	23.45 0.20 0.00	28.92 0.57 0.00	29.45 0.42 0.00	32.10 0.57 0.00	28.87 0.43 0.00	28.54 0.67 0.00	25.65 0.68 0.00	27.24 0.55 0.00	27.86 0.53 0.00	31.96 0.70 0.00	30.72 0.66 0.00	34.28 0.78 -0.43	37.29 0.58 0.00	44.49 0.60 0.00	57.63 0.89 0.00	45.50 0.45 0.00	31.45 0.22 0.00	29.42 0.24 0.00	25.84 0.31 0.00	27.96 0.41 0.00
BARRETT_IC_1 23704	44.97 2.34 -6.67	33.71 1.92 0.00	29.06 1.57 -2.44	22.26 1.21 0.00	24.45 1.20 0.00	29.69 1.34 0.00	30.28 1.25 0.00	32.95 1.42 0.00	30.12 1.68 0.00	29.70 1.83 0.00	29.29 1.92 -2.41	28.92 2.15 -0.08	29.42 2.07 0.00	33.53 2.20 -0.07	34.50 2.32 -2.12	39.28 2.72 -3.49	59.91 3.06 -20.14	54.88 3.55 -7.43	80.83 4.43 -19.66	48.81 3.36 -0.40	46.98 2.31 -13.44	89.52 2.09 -58.25	27.36 1.84 0.00	29.28 1.74 0.00
BARRETT_IC_10 23701	44.97 2.34 -6.67	33.71 1.92 0.00	29.06 1.57 -2.44	22.26 1.21 0.00	24.45 1.20 0.00	29.69 1.34 0.00	30.28 1.25 0.00	32.95 1.42 0.00	30.12 1.68 0.00	29.70 1.83 0.00	29.29 1.92 -2.41	28.92 2.15 -0.08	29.42 2.07 0.00	33.53 2.20 -0.07	34.50 2.32 -2.12	39.28 2.72 -3.49	59.91 3.06 -20.14	54.88 3.55 -7.43	80.83 4.43 -19.66	48.81 3.36 -0.40	46.98 2.31 -13.44	89.52 2.09 -58.25	27.36 1.84 0.00	29.28 1.74 0.00
BARRETT_IC_11 23702	44.97 2.34 -6.67	33.71 1.92 0.00	29.06 1.57 -2.44	22.26 1.21 0.00	24.45 1.20 0.00	29.69 1.34 0.00	30.28 1.25 0.00	32.95 1.42 0.00	30.12 1.68 0.00	29.70 1.83 0.00	29.29 1.92 -2.41	28.92 2.15 -0.08	29.42 2.07 0.00	33.53 2.20 -0.07	34.50 2.32 -2.12	39.28 2.72 -3.49	59.91 3.06 -20.14	54.88 3.55 -7.43	80.83 4.43 -19.66	48.81 3.36 -0.40	46.98 2.31 -13.44	89.52 2.09 -58.25	27.36 1.84 0.00	29.28 1.74 0.00
BARRETT_IC_12 23703	44.97 2.34 -6.67	33.71 1.92 0.00	29.06 1.57 -2.44	22.26 1.21 0.00	24.45 1.20 0.00	29.69 1.34 0.00	30.28 1.25 0.00	32.95 1.42 0.00	30.12 1.68 0.00	29.70 1.83 0.00	29.29 1.92 -2.41	28.92 2.15 -0.08	29.42 2.07 0.00	33.53 2.20 -0.07	34.50 2.32 -2.12	39.28 2.72 -3.49	59.91 3.06 -20.14	54.88 3.55 -7.43	80.83 4.43 -19.66	48.81 3.36 -0.40	46.98 2.31 -13.44	89.52 2.09 -58.25	27.36 1.84 0.00	29.28 1.74 0.00
BARRETT_IC_2 23705	44.97 2.34 -6.67	33.71 1.92 0.00	29.06 1.57 -2.44	22.26 1.21 0.00	24.45 1.20 0.00	29.69 1.34 0.00	30.28 1.25 0.00	32.95 1.42 0.00	30.12 1.68 0.00	29.70 1.83 0.00	29.29 1.92 -2.41	28.92 2.15 -0.08	29.42 2.07 0.00	33.53 2.20 -0.07	34.50 2.32 -2.12	39.28 2.72 -3.49	59.91 3.06 -20.14	54.88 3.55 -7.43	80.83 4.43 -19.66	48.81 3.36 -0.40	46.98 2.31 -13.44	89.52 2.09 -58.25	27.36 1.84 0.00	29.28 1.74 0.00
BARRETT_IC_3 23706	44.97 2.34 -6.67	33.71 1.92 0.00	29.06 1.57 -2.44	22.26 1.21 0.00	24.45 1.20 0.00	29.69 1.34 0.00	30.28 1.25 0.00	32.95 1.42 0.00	30.12 1.68 0.00	29.70 1.83 0.00	29.29 1.92 -2.41	28.92 2.15 -0.08	29.42 2.07 0.00	33.53 2.20 -0.07	34.50 2.32 -2.12	39.28 2.72 -3.49	59.91 3.06 -20.14	54.88 3.55 -7.43	80.83 4.43 -19.66	48.81 3.36 -0.40	46.98 2.31 -13.44	89.52 2.09 -58.25	27.36 1.84 0.00	29.28 1.74 0.00
BARRETT_IC_4 23707	44.97 2.34 -6.67	33.71 1.92 0.00	29.06 1.57 -2.44	22.26 1.21 0.00	24.45 1.20 0.00	29.69 1.34 0.00	30.28 1.25 0.00	32.95 1.42 0.00	30.12 1.68 0.00	29.70 1.83 0.00	29.29 1.92 -2.41	28.92 2.15 -0.08	29.42 2.07 0.00	33.53 2.20 -0.07	34.50 2.32 -2.12	39.28 2.72 -3.49	59.91 3.06 -20.14	54.88 3.55 -7.43	80.83 4.43 -19.66	48.81 3.36 -0.40	46.98 2.31 -13.44	89.52 2.09 -58.25	27.36 1.84 0.00	29.28 1.74 0.00
BARRETT_IC_5 23708	44.97 2.34 -6.67	33.71 1.92 0.00	29.06 1.57 -2.44	22.26 1.21 0.00	24.45 1.20 0.00	29.69 1.34 0.00	30.28 1.25 0.00	32.95 1.42 0.00	30.12 1.68 0.00	29.70 1.83 0.00	29.29 1.92 -2.41	28.92 2.15 -0.08	29.42 2.07 0.00	33.53 2.20 -0.07	34.50 2.32 -2.12	39.28 2.72 -3.49	59.91 3.06 -20.14	54.88 3.55 -7.43	80.83 4.43 -19.66	48.81 3.36 -0.40	46.98 2.31 -13.44	89.52 2.09 -58.25	27.36 1.84 0.00	29.28 1.74 0.00
BARRETT_IC_6 23709	44.97 2.34 -6.67	33.71 1.92 0.00	29.06 1.57 -2.44	22.26 1.21 0.00	24.45 1.20 0.00	29.69 1.34 0.00	30.28 1.25 0.00	32.95 1.42 0.00	30.12 1.68 0.00	29.70 1.83 0.00	29.29 1.92 -2.41	28.92 2.15 -0.08	29.42 2.07 0.00	33.53 2.20 -0.07	34.50 2.32 -2.12	39.28 2.72 -3.49	59.91 3.06 -20.14	54.88 3.55 -7.43	80.83 4.43 -19.66	48.81 3.36 -0.40	46.98 2.31 -13.44	89.52 2.09 -58.25	27.36 1.84 0.00	29.28 1.74 0.00
BARRETT_IC_7 23710	44.97 2.34 -6.66	33.71 1.91 0.00	29.07 1.58 -2.44	22.26 1.21 0.00	24.45 1.20 0.00	29.69 1.34 0.00	30.28 1.25 0.00	32.95 1.43 0.00	30.12 1.68 0.00	29.70 1.82 0.00	29.29 1.92 -2.41	28.91 2.15 -0.07	29.41 2.07 0.00	33.53 2.20 -0.07	34.50 2.32 -2.11	39.28 2.73 -3.48	59.92 3.06 -20.14	54.88 3.55 -7.43	80.83 4.43 -19.66	48.81 3.36 -0.39	46.98 2.31 -13.44	89.52 2.09 -58.25	27.36 1.84 0.00	29.29 1.74 0.00

BARRETT_IC_8 23711	44.97 2.34 -6.67	33.71 1.92 0.00	29.06 1.57 -2.44	22.26 1.21 0.00	24.45 1.20 0.00	29.69 1.34 0.00	30.28 1.25 0.00	32.95 1.42 0.00	30.12 1.68 0.00	29.70 1.83 0.00	29.29 1.92 -2.41	28.92 2.15 -0.08	29.42 2.07 0.00	33.53 2.20 -0.07	34.50 2.32 -2.12	39.28 2.72 -3.49	59.91 3.06 -20.14	54.88 3.55 -7.43	80.83 4.43 -19.66	48.81 3.36 -0.40	46.98 2.31 -13.44	89.52 2.09 -58.25	27.36 1.84 0.00	29.28 1.74 0.00
BARRETT_IC_9 23700	44.97 2.34 -6.67	33.71 1.92 0.00	29.06 1.57 -2.44	22.26 1.21 0.00	24.45 1.20 0.00	29.69 1.34 0.00	30.28 1.25 0.00	32.95 1.42 0.00	30.12 1.68 0.00	29.70 1.83 0.00	29.29 1.92 -2.41	28.92 2.15 -0.08	29.42 2.07 0.00	33.53 2.20 -0.07	34.50 2.32 -2.12	39.28 2.72 -3.49	59.91 3.06 -20.14	54.88 3.55 -7.43	80.83 4.43 -19.66	48.81 3.36 -0.40	46.98 2.31 -13.44	89.52 2.09 -58.25	27.36 1.84 0.00	29.28 1.74 0.00
BARRETT___1 23545	44.97 2.34 -6.67	33.71 1.92 0.00	29.06 1.57 -2.44	22.26 1.21 0.00	24.45 1.20 0.00	29.69 1.34 0.00	30.28 1.25 0.00	32.95 1.42 0.00	30.12 1.68 0.00	29.70 1.83 0.00	29.29 1.92 -2.41	28.92 2.15 -0.08	29.42 2.07 0.00	33.53 2.20 -0.07	34.50 2.32 -2.12	39.28 2.72 -3.49	59.91 3.06 -20.14	54.88 3.55 -7.43	80.83 4.43 -19.66	48.81 3.36 -0.40	46.98 2.31 -13.44	89.52 2.09 -58.25	27.36 1.84 0.00	29.28 1.74 0.00
BARRETT___2 23546	44.97 2.34 -6.67	33.71 1.92 0.00	29.06 1.57 -2.44	22.26 1.21 0.00	24.45 1.20 0.00	29.69 1.34 0.00	30.28 1.25 0.00	32.95 1.42 0.00	30.12 1.68 0.00	29.70 1.83 0.00	29.29 1.92 -2.41	28.92 2.15 -0.08	29.42 2.07 0.00	33.53 2.20 -0.07	34.50 2.32 -2.12	39.28 2.72 -3.49	59.91 3.06 -20.14	54.88 3.55 -7.43	80.83 4.43 -19.66	48.81 3.36 -0.40	46.98 2.31 -13.44	89.52 2.09 -58.25	27.36 1.84 0.00	29.28 1.74 0.00
BATAVIA___115KV_TB1 55881	36.81 0.84 0.00	32.35 0.56 0.00	25.34 0.28 0.00	21.33 0.28 0.00	23.72 0.47 0.00	29.35 1.00 0.00	29.75 0.72 0.00	32.37 0.84 0.00	29.05 0.60 0.00	28.64 0.77 0.00	25.87 0.91 0.00	27.43 0.74 0.00	28.02 0.68 0.00	32.25 1.00 0.00	30.95 0.88 0.00	45.61 2.30 -10.24	37.24 0.53 0.00	44.36 0.47 0.00	57.58 0.84 0.00	45.69 0.64 0.00	31.53 0.30 0.00	29.39 0.21 0.00	25.86 0.34 0.00	28.17 0.62 0.00
BAYONEEC___CTG1 323682	37.59 1.62 0.00	33.05 1.26 0.00	26.15 1.09 0.00	21.93 0.88 0.00	24.13 0.89 0.00	29.30 0.95 0.00	30.13 1.10 0.00	32.73 1.20 0.00	29.87 1.43 0.00	29.52 1.65 0.00	26.64 1.67 0.00	28.58 1.88 0.00	29.15 1.81 0.00	33.33 2.07 0.00	32.19 2.13 0.00	35.58 2.52 0.00	39.46 2.74 0.00	47.08 3.20 0.00	60.77 4.03 0.00	48.01 2.95 0.00	33.18 1.95 0.00	30.95 1.78 0.00	27.03 1.51 0.00	28.97 1.42 0.00
BAYONEEC___CTG10 323750	37.59 1.62 0.00	33.05 1.26 0.00	26.15 1.09 0.00	21.93 0.88 0.00	24.13 0.89 0.00	29.30 0.95 0.00	30.13 1.10 0.00	32.73 1.20 0.00	29.87 1.43 0.00	29.52 1.65 0.00	26.64 1.67 0.00	28.58 1.88 0.00	29.15 1.81 0.00	33.33 2.07 0.00	32.19 2.13 0.00	35.58 2.52 0.00	39.46 2.74 0.00	47.08 3.20 0.00	60.77 4.03 0.00	48.01 2.95 0.00	33.18 1.95 0.00	30.95 1.78 0.00	27.03 1.51 0.00	28.97 1.42 0.00
BAYONEEC___CTG2 323683	37.59 1.62 0.00	33.05 1.26 0.00	26.15 1.09 0.00	21.93 0.88 0.00	24.13 0.89 0.00	29.30 0.95 0.00	30.13 1.10 0.00	32.73 1.20 0.00	29.87 1.43 0.00	29.52 1.65 0.00	26.64 1.67 0.00	28.58 1.88 0.00	29.15 1.81 0.00	33.33 2.07 0.00	32.19 2.13 0.00	35.58 2.52 0.00	39.46 2.74 0.00	47.08 3.20 0.00	60.77 4.03 0.00	48.01 2.95 0.00	33.18 1.95 0.00	30.95 1.78 0.00	27.03 1.51 0.00	28.97 1.42 0.00
BAYONEEC___CTG3 323684	37.59 1.62 0.00	33.05 1.26 0.00	26.15 1.09 0.00	21.93 0.88 0.00	24.13 0.89 0.00	29.30 0.95 0.00	30.13 1.10 0.00	32.73 1.20 0.00	29.87 1.43 0.00	29.52 1.65 0.00	26.64 1.67 0.00	28.58 1.88 0.00	29.15 1.81 0.00	33.33 2.07 0.00	32.19 2.13 0.00	35.58 2.52 0.00	39.46 2.74 0.00	47.08 3.20 0.00	60.77 4.03 0.00	48.01 2.95 0.00	33.18 1.95 0.00	30.95 1.78 0.00	27.03 1.51 0.00	28.97 1.42 0.00
BAYONEEC___CTG4 323685	37.59 1.62 0.00	33.05 1.26 0.00	26.15 1.09 0.00	21.93 0.88 0.00	24.13 0.89 0.00	29.30 0.95 0.00	30.13 1.10 0.00	32.73 1.20 0.00	29.87 1.43 0.00	29.52 1.65 0.00	26.64 1.67 0.00	28.58 1.88 0.00	29.15 1.81 0.00	33.33 2.07 0.00	32.19 2.13 0.00	35.58 2.52 0.00	39.46 2.74 0.00	47.08 3.20 0.00	60.77 4.03 0.00	48.01 2.95 0.00	33.18 1.95 0.00	30.95 1.78 0.00	27.03 1.51 0.00	28.97 1.42 0.00
BAYONEEC___CTG5 323686	37.59 1.62 0.00	33.05 1.26 0.00	26.15 1.09 0.00	21.93 0.88 0.00	24.13 0.89 0.00	29.30 0.95 0.00	30.13 1.10 0.00	32.73 1.20 0.00	29.87 1.43 0.00	29.52 1.65 0.00	26.64 1.67 0.00	28.58 1.88 0.00	29.15 1.81 0.00	33.33 2.07 0.00	32.19 2.13 0.00	35.58 2.52 0.00	39.46 2.74 0.00	47.08 3.20 0.00	60.77 4.03 0.00	48.01 2.95 0.00	33.18 1.95 0.00	30.95 1.78 0.00	27.03 1.51 0.00	28.97 1.42 0.00
BAYONEEC___CTG6 323687	37.59 1.62 0.00	33.05 1.26 0.00	26.15 1.09 0.00	21.93 0.88 0.00	24.13 0.89 0.00	29.30 0.95 0.00	30.13 1.10 0.00	32.73 1.20 0.00	29.87 1.43 0.00	29.52 1.65 0.00	26.64 1.67 0.00	28.58 1.88 0.00	29.15 1.81 0.00	33.33 2.07 0.00	32.19 2.13 0.00	35.58 2.52 0.00	39.46 2.74 0.00	47.08 3.20 0.00	60.77 4.03 0.00	48.01 2.95 0.00	33.18 1.95 0.00	30.95 1.78 0.00	27.03 1.51 0.00	28.97 1.42 0.00
BAYONEEC___CTG7 323688	37.59 1.62 0.00	33.05 1.26 0.00	26.15 1.09 0.00	21.93 0.88 0.00	24.13 0.89 0.00	29.30 0.95 0.00	30.13 1.10 0.00	32.73 1.20 0.00	29.87 1.43 0.00	29.52 1.65 0.00	26.64 1.67 0.00	28.58 1.88 0.00	29.15 1.81 0.00	33.33 2.07 0.00	32.19 2.13 0.00	35.58 2.52 0.00	39.46 2.74 0.00	47.08 3.20 0.00	60.77 4.03 0.00	48.01 2.95 0.00	33.18 1.95 0.00	30.95 1.78 0.00	27.03 1.51 0.00	28.97 1.42 0.00
BAYONEEC___CTG8 323689	37.59 1.62 0.00	33.05 1.26 0.00	26.15 1.09 0.00	21.93 0.88 0.00	24.13 0.89 0.00	29.30 0.95 0.00	30.13 1.10 0.00	32.73 1.20 0.00	29.87 1.43 0.00	29.52 1.65 0.00	26.64 1.67 0.00	28.58 1.88 0.00	29.15 1.81 0.00	33.33 2.07 0.00	32.19 2.13 0.00	35.58 2.52 0.00	39.46 2.74 0.00	47.08 3.20 0.00	60.77 4.03 0.00	48.01 2.95 0.00	33.18 1.95 0.00	30.95 1.78 0.00	27.03 1.51 0.00	28.97 1.42 0.00
BAYONEEC___CTG9 323749	37.59 1.62 0.00	33.05 1.26 0.00	26.15 1.09 0.00	21.93 0.88 0.00	24.13 0.89 0.00	29.30 0.95 0.00	30.13 1.10 0.00	32.73 1.20 0.00	29.87 1.43 0.00	29.52 1.65 0.00	26.64 1.67 0.00	28.58 1.88 0.00	29.15 1.81 0.00	33.33 2.07 0.00	32.19 2.13 0.00	35.58 2.52 0.00	39.46 2.74 0.00	47.08 3.20 0.00	60.77 4.03 0.00	48.01 2.95 0.00	33.18 1.95 0.00	30.95 1.78 0.00	27.03 1.51 0.00	28.97 1.42 0.00

BEACON___LESR 323632	36.83 0.87 0.00	32.55 0.76 0.00	25.61 0.56 0.00	21.53 0.48 0.00	23.73 0.48 0.00	28.84 0.49 0.00	29.67 0.64 0.00	32.20 0.66 0.00	29.09 0.64 0.00	28.54 0.67 0.00	25.56 0.60 0.00	27.44 0.74 0.00	28.15 0.81 0.00	32.20 0.94 0.00	30.95 0.88 0.00	34.06 0.99 0.00	37.96 1.25 0.00	45.37 1.48 0.00	58.72 1.98 0.00	46.70 1.65 0.00	32.29 1.06 0.00	30.12 0.95 0.00	26.23 0.71 0.00	28.22 0.67 0.00
BEAVER RIVER___HYD 24048	36.65 0.68 0.00	32.36 0.57 0.00	25.50 0.45 0.00	21.40 0.35 0.00	23.60 0.35 0.00	28.87 0.52 0.00	29.57 0.54 0.00	32.10 0.57 0.00	25.73 0.20 2.92	27.95 0.08 0.00	25.00 0.04 0.00	26.56 -0.14 0.00	27.25 -0.09 0.00	31.26 0.01 0.00	29.93 -0.13 0.00	33.08 0.01 0.00	36.36 -0.35 0.00	43.76 -0.13 0.00	57.00 0.26 0.00	45.42 0.36 0.00	31.71 0.48 0.00	29.45 0.28 0.00	25.71 0.18 0.00	27.79 0.25 0.00
BEEBEE_GT_13 23619	36.26 0.30 0.00	31.91 0.12 0.00	25.00 -0.05 0.00	21.02 -0.02 0.00	23.36 0.11 0.00	28.80 0.45 0.00	29.32 0.28 0.00	31.88 0.35 0.00	28.71 0.26 0.00	28.31 0.44 0.00	25.47 0.50 0.00	27.09 0.40 0.00	27.69 0.35 0.00	31.76 0.51 0.00	30.55 0.48 0.00	32.76 0.24 0.55	36.91 0.20 0.00	44.14 0.25 0.00	57.18 0.44 0.00	45.25 0.20 0.00	31.24 0.01 0.00	29.11 -0.07 0.00	25.56 0.04 0.00	27.76 0.21 0.00
BENSHRST_27_KV_BENSHRST_1 355998	38.05 2.09 0.00	33.43 1.65 0.00	26.47 1.41 0.00	22.17 1.13 0.00	24.40 1.15 0.00	29.64 1.29 0.00	30.49 1.45 0.00	33.08 1.55 0.00	30.22 1.77 0.00	29.84 1.96 0.00	26.93 1.97 0.00	28.91 2.22 0.00	29.51 2.17 0.00	33.76 2.50 0.00	32.63 2.56 0.00	36.07 3.01 0.00	39.98 3.27 0.00	47.72 3.83 0.00	61.58 4.84 0.00	48.69 3.64 0.00	33.68 2.45 0.00	31.43 2.25 0.00	27.43 1.91 0.00	29.38 1.83 0.00
BETHLEHEM___GRP 23843	36.35 0.38 0.00	32.11 0.32 0.00	25.34 0.29 0.00	21.28 0.24 0.00	23.47 0.22 0.00	28.48 0.13 0.00	29.23 0.20 0.00	31.70 0.17 0.00	28.67 0.22 0.00	28.14 0.27 0.00	25.23 0.27 0.00	27.07 0.38 0.00	27.77 0.43 0.00	31.71 0.45 0.00	30.50 0.44 0.00	33.54 0.47 0.00	37.29 0.57 0.00	44.62 0.73 0.00	57.69 0.95 0.00	45.95 0.89 0.00	31.80 0.58 0.00	29.65 0.47 0.00	25.86 0.34 0.00	27.84 0.29 0.00
BETHLEHEM___GS1 323560	36.35 0.39 0.00	32.11 0.32 0.00	25.34 0.28 0.00	21.28 0.24 0.00	23.47 0.22 0.00	28.48 0.13 0.00	29.23 0.20 0.00	31.71 0.17 0.00	28.67 0.22 0.00	28.14 0.27 0.00	25.23 0.27 0.00	27.07 0.38 0.00	27.77 0.43 0.00	31.71 0.45 0.00	30.50 0.44 0.00	33.54 0.47 0.00	37.29 0.57 0.00	44.62 0.73 0.00	57.69 0.94 0.00	45.95 0.89 0.00	31.80 0.58 0.00	29.65 0.47 0.00	25.86 0.33 0.00	27.84 0.28 0.00
BETHLEHEM___GS2 323561	36.35 0.39 0.00	32.11 0.32 0.00	25.34 0.28 0.00	21.28 0.24 0.00	23.47 0.22 0.00	28.48 0.13 0.00	29.23 0.20 0.00	31.71 0.17 0.00	28.67 0.22 0.00	28.14 0.27 0.00	25.23 0.27 0.00	27.07 0.38 0.00	27.77 0.43 0.00	31.71 0.45 0.00	30.50 0.44 0.00	33.54 0.47 0.00	37.29 0.57 0.00	44.62 0.73 0.00	57.69 0.94 0.00	45.95 0.89 0.00	31.80 0.58 0.00	29.65 0.47 0.00	25.86 0.33 0.00	27.84 0.28 0.00
BETHLEHEM___GS3 323562	36.35 0.39 0.00	32.11 0.32 0.00	25.34 0.28 0.00	21.28 0.24 0.00	23.47 0.22 0.00	28.48 0.13 0.00	29.23 0.20 0.00	31.71 0.17 0.00	28.67 0.22 0.00	28.14 0.27 0.00	25.23 0.27 0.00	27.07 0.38 0.00	27.77 0.43 0.00	31.71 0.45 0.00	30.50 0.44 0.00	33.54 0.47 0.00	37.29 0.57 0.00	44.62 0.73 0.00	57.69 0.94 0.00	45.95 0.89 0.00	31.80 0.58 0.00	29.65 0.47 0.00	25.86 0.33 0.00	27.84 0.28 0.00
BETHLEHEM___STEEL 23779	36.30 0.34 0.00	31.92 0.12 0.00	24.99 -0.07 0.00	21.04 -0.01 0.00	23.41 0.16 0.00	28.98 0.63 0.00	29.36 0.33 0.00	31.96 0.43 0.00	28.73 0.29 0.00	28.45 0.58 0.00	25.69 0.73 0.00	27.25 0.56 0.00	27.80 0.46 0.00	31.99 0.73 0.00	30.72 0.65 0.00	34.79 0.73 -0.99	36.90 0.19 0.00	43.97 0.08 0.00	56.90 0.16 0.00	44.88 -0.17 0.00	30.93 -0.30 0.00	28.88 -0.30 0.00	25.48 -0.04 0.00	27.78 0.23 0.00
BETHLHEM_115KV_TB1 79974	36.45 0.49 0.00	32.20 0.41 0.00	25.41 0.36 0.00	21.34 0.30 0.00	23.54 0.29 0.00	28.56 0.21 0.00	29.32 0.29 0.00	31.80 0.27 0.00	28.76 0.31 0.00	28.24 0.36 0.00	25.32 0.36 0.00	27.16 0.47 0.00	27.85 0.51 0.00	31.81 0.55 0.00	30.60 0.53 0.00	33.66 0.59 0.00	37.41 0.70 0.00	44.76 0.87 0.00	57.87 1.13 0.00	46.08 1.03 0.00	31.89 0.67 0.00	29.74 0.56 0.00	25.93 0.42 0.00	27.92 0.38 0.00
BETHPAGE_CC_5 323564	45.18 2.55 -6.67	33.91 2.12 0.00	34.91 1.73 -8.13	22.41 1.36 0.00	24.62 1.37 0.00	29.88 1.53 0.00	30.56 1.53 0.00	33.32 1.79 0.00	30.48 2.04 0.00	30.06 2.19 0.00	29.58 2.21 -2.41	29.22 2.45 -0.08	29.70 2.36 0.00	33.95 2.63 -0.07	34.94 2.77 -2.12	39.82 3.27 -3.49	60.51 3.66 -20.14	55.62 4.29 -7.43	81.89 5.48 -19.66	49.53 4.08 -0.40	47.45 2.78 -13.44	89.89 2.47 -58.25	27.53 2.00 0.00	29.42 1.87 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.38 0.42 0.00	31.98 0.19 0.00	25.04 -0.02 0.00	21.08 0.03 0.00	23.45 0.21 0.00	29.03 0.68 0.00	29.42 0.39 0.00	32.03 0.50 0.00	28.82 0.37 0.00	28.54 0.66 0.00	25.77 0.80 0.00	27.35 0.65 0.00	27.88 0.54 0.00	32.10 0.84 0.00	30.82 0.76 0.00	34.87 0.83 -0.97	37.05 0.33 0.00	44.14 0.25 0.00	57.10 0.35 0.00	45.03 -0.03 0.00	31.03 -0.20 0.00	28.98 -0.20 0.00	25.55 0.04 0.00	27.85 0.30 0.00
BINGHAMTON___COGEN 23790	36.27 0.31 0.00	31.94 0.15 0.00	25.11 0.05 0.00	21.09 0.05 0.00	23.37 0.12 0.00	28.65 0.30 0.00	29.30 0.27 0.00	31.94 0.41 0.00	28.80 0.35 0.00	28.36 0.49 0.00	25.43 0.47 0.00	27.15 0.46 0.00	27.78 0.45 0.00	31.80 0.54 0.00	30.58 0.51 0.00	33.67 0.60 0.00	37.30 0.59 0.00	44.56 0.67 0.00	57.65 0.91 0.00	45.63 0.58 0.00	31.57 0.34 0.00	29.51 0.33 0.00	25.83 0.31 0.00	27.88 0.33 0.00
BIXINCNT_115KV_LOAD 355685	36.62 0.65 0.00	32.16 0.37 0.00	25.19 0.13 0.00	21.21 0.16 0.00	23.59 0.34 0.00	29.20 0.85 0.00	29.66 0.63 0.00	32.34 0.81 0.00	29.09 0.64 0.00	28.82 0.95 0.00	25.99 1.03 0.00	27.57 0.88 0.00	28.13 0.79 0.00	32.36 1.10 0.00	31.09 1.02 0.00	35.00 1.07 -0.87	37.41 0.70 0.00	44.58 0.69 0.00	57.62 0.88 0.00	45.35 0.29 0.00	31.29 0.06 0.00	29.24 0.06 0.00	25.79 0.27 0.00	28.11 0.56 0.00
BLACK RIVER___HYD 24047	36.89 0.93 0.00	32.53 0.73 0.00	25.63 0.58 0.00	21.51 0.47 0.00	23.75 0.50 0.00	29.11 0.76 0.00	29.83 0.80 0.00	32.40 0.87 0.00	26.84 0.43 2.04	28.15 0.28 0.00	25.19 0.22 0.00	26.64 -0.05 0.00	27.34 0.00 0.00	31.43 0.16 0.00	29.97 -0.09 0.00	33.25 0.18 0.00	36.38 -0.34 0.00	43.74 -0.14 0.00	57.27 0.53 0.00	45.66 0.60 0.00	32.04 0.82 0.00	29.72 0.54 0.00	25.89 0.37 0.00	27.99 0.44 0.00

BLACKRVR_115KV_TB2 79977	36.89 0.93 0.00	32.53 0.74 0.00	25.62 0.57 0.00	21.51 0.47 0.00	23.75 0.50 0.00	29.11 0.76 0.00	29.83 0.80 0.00	32.40 0.87 0.00	26.84 0.43 2.04	28.15 0.28 0.00	25.19 0.22 0.00	26.64 -0.05 0.00	27.34 0.00 0.00	31.42 0.16 0.00	29.97 -0.09 0.00	33.24 0.18 0.00	36.37 -0.34 0.00	43.74 -0.14 0.00	57.27 0.52 0.00	45.66 0.61 0.00	32.04 0.82 0.00	29.72 0.54 0.00	25.89 0.37 0.00	27.98 0.44 0.00
BLISS_WT_PWR 323608	36.65 0.68 0.00	32.20 0.40 0.00	25.22 0.16 0.00	21.21 0.16 0.00	23.62 0.37 0.00	29.23 0.88 0.00	29.69 0.66 0.00	32.38 0.85 0.00	29.13 0.68 0.00	28.86 0.99 0.00	26.02 1.06 0.00	27.58 0.89 0.00	28.14 0.80 0.00	32.38 1.12 0.00	31.11 1.04 0.00	35.03 1.10 -0.87	37.44 0.73 0.00	44.63 0.74 0.00	57.67 0.93 0.00	45.38 0.32 0.00	31.31 0.09 0.00	29.26 0.08 0.00	25.82 0.30 0.00	28.12 0.57 0.00
BLUE_CIRC_CHEM_DRP 24182	36.95 0.99 0.00	32.64 0.85 0.00	25.77 0.72 0.00	21.65 0.60 0.00	23.88 0.63 0.00	29.00 0.65 0.00	29.75 0.72 0.00	32.25 0.72 0.00	29.11 0.66 0.00	28.55 0.68 0.00	25.59 0.63 0.00	27.44 0.75 0.00	28.15 0.81 0.00	32.15 0.89 0.00	30.92 0.85 0.00	34.00 0.93 0.00	37.82 1.11 0.00	45.23 1.34 0.00	58.52 1.78 0.00	46.63 1.57 0.00	32.29 1.06 0.00	30.10 0.93 0.00	26.26 0.74 0.00	28.30 0.75 0.00
BOC_GAS_DRP 24189	36.70 0.74 0.00	32.41 0.62 0.00	25.58 0.52 0.00	21.47 0.43 0.00	23.68 0.43 0.00	28.77 0.42 0.00	29.53 0.49 0.00	32.03 0.50 0.00	28.97 0.53 0.00	28.47 0.60 0.00	25.54 0.58 0.00	27.39 0.69 0.00	28.07 0.73 0.00	32.06 0.80 0.00	30.85 0.79 0.00	33.94 0.87 0.00	37.71 1.00 0.00	45.09 1.20 0.00	58.29 1.55 0.00	46.37 1.32 0.00	32.11 0.88 0.00	29.94 0.77 0.00	26.13 0.61 0.00	28.14 0.59 0.00
BOONVILLE_115KV_TB1 79983	36.75 0.78 0.00	32.42 0.63 0.00	25.59 0.53 0.00	21.49 0.45 0.00	23.67 0.43 0.00	28.95 0.60 0.00	29.68 0.65 0.00	32.23 0.70 0.00	27.84 0.51 1.11	28.32 0.45 0.00	25.37 0.41 0.00	27.11 0.41 0.00	27.83 0.50 0.00	31.89 0.63 0.00	30.59 0.53 0.00	33.62 0.55 0.00	37.13 0.41 0.00	44.61 0.72 0.00	57.88 1.14 0.00	46.06 1.01 0.00	32.01 0.78 0.00	29.78 0.60 0.00	25.98 0.46 0.00	28.04 0.49 0.00
BORALEX_4TH_BRANCH 23824	37.91 1.94 0.00	33.61 1.82 0.00	26.55 1.49 0.00	22.30 1.25 0.00	24.57 1.33 0.00	29.78 1.43 0.00	30.46 1.42 0.00	32.89 1.36 0.00	29.60 1.16 0.00	28.95 1.08 0.00	25.84 0.88 0.00	27.73 1.03 0.00	28.51 1.17 0.00	32.51 1.25 0.00	31.15 1.09 0.00	33.99 0.92 0.00	37.81 1.10 0.00	45.43 1.53 0.00	58.85 2.11 0.00	47.25 2.20 0.00	32.76 1.53 0.00	30.57 1.39 0.00	26.66 1.14 0.00	28.80 1.25 0.00
BOWLINE___1 23526	37.34 1.38 0.00	32.84 1.05 0.00	25.93 0.88 0.00	21.74 0.70 0.00	23.96 0.72 0.00	29.14 0.79 0.00	29.95 0.92 0.00	32.56 1.03 0.00	29.63 1.18 0.00	29.24 1.37 0.00	26.34 1.38 0.00	28.28 1.58 0.00	28.90 1.56 0.00	33.07 1.81 0.00	31.91 1.85 0.00	35.28 2.21 0.00	39.15 2.44 0.00	46.75 2.86 0.00	60.36 3.62 0.00	47.71 2.66 0.00	32.98 1.76 0.00	30.74 1.56 0.00	26.80 1.28 0.00	28.78 1.23 0.00
BOWLINE___2 23595	37.34 1.38 0.00	32.84 1.05 0.00	25.93 0.88 0.00	21.74 0.70 0.00	23.96 0.72 0.00	29.14 0.79 0.00	29.95 0.92 0.00	32.56 1.03 0.00	29.63 1.18 0.00	29.24 1.37 0.00	26.34 1.38 0.00	28.28 1.59 0.00	28.90 1.56 0.00	33.07 1.81 0.00	31.91 1.85 0.00	35.28 2.21 0.00	39.15 2.44 0.00	46.75 2.86 0.00	60.36 3.62 0.00	47.71 2.66 0.00	32.98 1.76 0.00	30.74 1.56 0.00	26.80 1.28 0.00	28.79 1.24 0.00
BRADY___115KV_TB2 356060	36.13 0.17 0.00	32.06 0.27 0.00	25.30 0.24 0.00	21.24 0.20 0.00	23.38 0.14 0.00	28.52 0.17 0.00	29.17 0.14 0.00	31.53 0.00 0.00	24.50 -0.46 3.48	27.53 -0.34 0.00	24.64 -0.32 0.00	26.29 -0.41 0.00	26.95 -0.39 0.00	30.84 -0.42 0.00	29.65 -0.41 0.00	32.64 -0.42 0.00	36.26 -0.45 0.00	43.35 -0.54 0.00	56.12 -0.62 0.00	44.61 -0.45 0.00	31.05 -0.18 0.00	29.08 -0.10 0.00	25.53 0.01 0.00	27.55 -0.01 0.00
BRANSCOMB___SOLAR 323811	37.59 1.63 0.00	33.20 1.41 0.00	26.12 1.07 0.00	21.92 0.88 0.00	24.21 0.96 0.00	29.41 1.06 0.00	30.19 1.16 0.00	32.70 1.17 0.00	29.48 1.03 0.00	28.85 0.97 0.00	25.73 0.77 0.00	27.63 0.94 0.00	28.41 1.07 0.00	32.42 1.16 0.00	31.07 1.01 0.00	34.19 1.12 0.00	38.04 1.33 0.00	45.68 1.79 0.00	59.33 2.59 0.00	47.46 2.41 0.00	32.90 1.68 0.00	30.71 1.53 0.00	26.77 1.25 0.00	28.82 1.27 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	45.77 3.14 -6.66	34.45 2.66 0.00	62.50 2.21 -35.23	22.77 1.72 0.00	25.02 1.77 0.00	30.31 1.96 0.00	30.93 1.90 0.00	33.74 2.21 0.00	30.88 2.44 0.00	30.44 2.57 0.00	29.87 2.50 -2.41	29.51 2.75 -0.07	29.99 2.65 0.00	34.34 3.01 -0.07	35.35 3.18 -2.11	40.35 3.80 -3.48	60.92 4.06 -20.14	56.00 4.68 -7.43	82.64 6.24 -19.66	50.13 4.69 -0.39	47.95 3.27 -13.44	90.36 2.94 -58.25	27.86 2.34 0.00	29.79 2.24 0.00
BRISTLHL_115KV_TB1 79998	35.38 -0.58 0.00	31.21 -0.58 0.00	24.57 -0.49 0.00	20.68 -0.37 0.00	22.88 -0.36 0.00	28.00 -0.35 0.00	28.65 -0.38 0.00	31.16 -0.37 0.00	28.08 -0.36 0.00	27.52 -0.35 0.00	24.63 -0.33 0.00	26.32 -0.38 0.00	26.96 -0.38 0.00	30.82 -0.43 0.00	29.58 -0.49 0.00	32.47 -0.60 0.00	36.00 -0.71 0.00	43.06 -0.83 0.00	55.72 -1.02 0.00	44.27 -0.79 0.00	30.70 -0.52 0.00	28.68 -0.50 0.00	25.11 -0.41 0.00	27.21 -0.34 0.00
BROOKHAVEN___DRP 24191	45.77 3.14 -6.66	34.57 2.78 -0.01	157.56 2.35 -130.15	22.83 1.79 0.00	25.14 1.89 0.00	30.33 1.98 0.00	30.66 1.63 0.00	33.53 2.00 0.00	30.74 2.30 0.00	30.29 2.42 0.00	29.66 2.29 -2.41	29.23 2.47 -0.07	29.63 2.29 0.00	34.05 2.72 -0.07	35.07 2.89 -2.11	40.08 3.53 -3.48	60.87 4.00 -20.16	56.02 4.70 -7.43	82.54 6.14 -19.66	49.98 4.53 -0.39	47.84 3.16 -13.44	90.19 2.77 -58.25	27.61 2.09 0.00	29.62 2.07 0.00
BROOKLYN_NAVY_YARD 23515	37.60 1.64 0.00	33.06 1.28 0.00	26.14 1.09 0.00	21.92 0.88 0.00	24.13 0.89 0.00	29.29 0.94 0.00	30.13 1.10 0.00	32.74 1.21 0.00	29.89 1.44 0.00	29.53 1.66 0.00	26.62 1.65 0.00	28.57 1.87 0.00	29.16 1.82 0.00	33.33 2.07 0.00	32.20 2.14 0.00	35.60 2.54 0.00	39.48 2.77 0.00	47.12 3.23 0.00	60.82 4.08 0.00	48.04 2.99 0.00	33.20 1.97 0.00	30.98 1.80 0.00	27.06 1.54 0.00	28.99 1.44 0.00
BROOKLYN___ARMY_DRP 323595	37.80 1.84 0.00	33.22 1.43 0.00	26.32 1.26 0.00	22.04 1.00 0.00	24.26 1.01 0.00	29.46 1.11 0.00	30.31 1.28 0.00	32.88 1.35 0.00	30.02 1.58 0.00	29.65 1.77 0.00	26.75 1.79 0.00	28.71 2.01 0.00	29.30 1.96 0.00	33.52 2.26 0.00	32.39 2.33 0.00	35.81 2.75 0.00	39.68 2.97 0.00	47.37 3.47 0.00	61.14 4.40 0.00	48.33 3.27 0.00	33.45 2.22 0.00	31.21 2.03 0.00	27.25 1.72 0.00	29.18 1.63 0.00

BROOKVLE_69_KV_TB1 55790	45.01 2.38 -6.66	33.73 1.94 0.00	29.10 1.60 -2.44	22.32 1.27 0.00	24.53 1.28 0.00	29.80 1.46 0.00	30.55 1.52 0.00	33.28 1.75 0.00	30.39 1.94 0.00	30.01 2.14 0.00	29.55 2.18 -2.41	29.21 2.45 -0.07	29.77 2.43 0.00	34.00 2.67 -0.07	34.92 2.74 -2.11	39.72 3.17 -3.48	60.37 3.52 -20.14	55.43 4.11 -7.43	81.58 5.18 -19.66	49.32 3.87 -0.39	47.26 2.59 -13.44	89.76 2.34 -58.25	27.49 1.97 0.00	29.41 1.87 0.00
BROOME_2_LFGE 323671	36.27 0.31 0.00	31.94 0.15 0.00	25.11 0.06 0.00	21.09 0.05 0.00	23.37 0.12 0.00	28.65 0.30 0.00	29.30 0.27 0.00	31.93 0.40 0.00	28.80 0.35 0.00	28.36 0.49 0.00	25.43 0.47 0.00	27.15 0.46 0.00	27.78 0.44 0.00	31.80 0.54 0.00	30.58 0.51 0.00	33.66 0.60 0.00	37.30 0.59 0.00	44.55 0.67 0.00	57.65 0.91 0.00	45.63 0.57 0.00	31.57 0.34 0.00	29.51 0.33 0.00	25.83 0.31 0.00	27.88 0.33 0.00
BROOME___LFGE 323600	36.27 0.31 0.00	31.94 0.15 0.00	25.11 0.06 0.00	21.09 0.05 0.00	23.37 0.12 0.00	28.65 0.30 0.00	29.30 0.27 0.00	31.93 0.40 0.00	28.80 0.35 0.00	28.36 0.49 0.00	25.43 0.47 0.00	27.15 0.46 0.00	27.78 0.44 0.00	31.80 0.54 0.00	30.58 0.51 0.00	33.66 0.60 0.00	37.30 0.59 0.00	44.55 0.67 0.00	57.65 0.91 0.00	45.63 0.57 0.00	31.57 0.34 0.00	29.51 0.33 0.00	25.83 0.31 0.00	27.88 0.33 0.00
BROWNFLS_115KV_TB_3_5 80003	36.25 0.29 0.00	32.07 0.28 0.00	25.27 0.21 0.00	21.17 0.13 0.00	23.28 0.03 0.00	28.44 0.09 0.00	29.11 0.08 0.00	31.56 0.03 0.00	22.86 -0.35 5.24	27.46 -0.41 0.00	24.56 -0.41 0.00	26.13 -0.57 0.00	26.80 -0.54 0.00	30.72 -0.54 0.00	29.45 -0.62 0.00	32.51 -0.56 0.00	35.90 -0.81 0.00	43.09 -0.80 0.00	56.01 -0.73 0.00	44.60 -0.45 0.00	31.08 -0.15 0.00	28.91 -0.26 0.00	25.34 -0.18 0.00	27.44 -0.11 0.00
BROWNSV1_27_KV_LOAD 356125	38.09 2.13 0.00	33.47 1.68 0.00	26.47 1.41 0.00	22.17 1.13 0.00	24.41 1.16 0.00	29.65 1.30 0.00	30.51 1.48 0.00	33.16 1.63 0.00	30.27 1.82 0.00	29.91 2.03 0.00	26.97 2.01 0.00	28.94 2.25 0.00	29.54 2.20 0.00	33.78 2.52 0.00	32.64 2.57 0.00	36.08 3.01 0.00	40.00 3.29 0.00	47.74 3.85 0.00	61.60 4.86 0.00	48.67 3.61 0.00	33.64 2.41 0.00	31.38 2.20 0.00	27.39 1.87 0.00	29.34 1.79 0.00
BURROWS___LYONSDAL 23803	36.72 0.76 0.00	32.42 0.62 0.00	25.57 0.51 0.00	21.47 0.43 0.00	23.66 0.41 0.00	28.95 0.60 0.00	29.66 0.63 0.00	32.20 0.67 0.00	27.44 0.45 1.46	28.25 0.38 0.00	25.30 0.34 0.00	27.00 0.31 0.00	27.72 0.38 0.00	31.76 0.50 0.00	30.46 0.40 0.00	33.51 0.44 0.00	36.95 0.24 0.00	44.43 0.54 0.00	57.71 0.96 0.00	45.93 0.88 0.00	31.95 0.71 0.00	29.70 0.52 0.00	25.91 0.39 0.00	27.98 0.43 0.00
CAITHNESS_CC_1 323624	45.66 3.04 -6.67	34.45 2.66 -0.01	158.65 2.21 -131.39	22.75 1.70 0.00	25.03 1.79 0.00	30.25 1.90 0.00	30.64 1.61 0.00	33.49 1.96 0.00	30.70 2.25 0.00	30.26 2.38 0.00	29.63 2.26 -2.41	29.22 2.45 -0.08	29.63 2.29 0.00	34.01 2.68 -0.07	35.03 2.85 -2.12	40.04 3.48 -3.49	60.81 3.94 -20.16	55.93 4.60 -7.43	82.41 6.00 -19.67	49.90 4.45 -0.40	47.77 3.10 -13.44	90.13 2.71 -58.25	27.60 2.07 0.00	29.57 2.02 0.00
CALPINE BETH_PAGE_GT4 24209	45.02 2.39 -6.66	33.77 1.98 0.00	33.37 1.63 -6.68	22.32 1.28 0.00	24.52 1.27 0.00	29.76 1.41 0.00	30.44 1.41 0.00	33.18 1.65 0.00	30.36 1.91 0.00	29.94 2.07 0.00	29.47 2.11 -2.41	29.11 2.35 -0.07	29.59 2.25 0.00	33.82 2.49 -0.07	34.81 2.63 -2.11	39.65 3.10 -3.48	60.34 3.49 -20.14	55.40 4.08 -7.43	81.60 5.20 -19.66	49.31 3.86 -0.39	47.30 2.63 -13.44	89.76 2.33 -58.25	27.42 1.90 0.00	29.31 1.76 0.00
CALPINE_BETH_PAGE_GT_4 323586	45.02 2.39 -6.67	33.77 1.98 0.00	33.35 1.61 -6.68	22.32 1.28 0.00	24.51 1.27 0.00	29.76 1.41 0.00	30.44 1.41 0.00	33.18 1.65 0.00	30.35 1.91 0.00	29.94 2.07 0.00	29.47 2.10 -2.41	29.12 2.35 -0.08	29.59 2.25 0.00	33.82 2.49 -0.07	34.81 2.63 -2.12	39.65 3.10 -3.49	60.34 3.49 -20.14	55.40 4.07 -7.43	81.60 5.20 -19.66	49.31 3.86 -0.40	47.30 2.63 -13.44	89.76 2.33 -58.25	27.42 1.90 0.00	29.30 1.75 0.00
CALPINE_BP_GT1 23823	45.02 2.39 -6.67	33.77 1.98 0.00	33.35 1.61 -6.68	22.32 1.28 0.00	24.51 1.27 0.00	29.76 1.41 0.00	30.44 1.41 0.00	33.18 1.65 0.00	30.35 1.91 0.00	29.94 2.07 0.00	29.47 2.10 -2.41	29.12 2.35 -0.08	29.59 2.25 0.00	33.82 2.49 -0.07	34.81 2.63 -2.12	39.65 3.10 -3.49	60.34 3.49 -20.14	55.40 4.07 -7.43	81.60 5.20 -19.66	49.31 3.86 -0.40	47.30 2.63 -13.44	89.76 2.33 -58.25	27.42 1.90 0.00	29.30 1.75 0.00
CALSPAN___DRP 24200	36.30 0.34 0.00	31.92 0.12 0.00	24.99 -0.07 0.00	21.04 -0.01 0.00	23.41 0.16 0.00	28.98 0.63 0.00	29.36 0.33 0.00	31.96 0.43 0.00	28.73 0.29 0.00	28.45 0.58 0.00	25.69 0.73 0.00	27.25 0.56 0.00	27.80 0.46 0.00	31.99 0.73 0.00	30.72 0.65 0.00	34.79 0.73 -0.99	36.90 0.19 0.00	43.97 0.08 0.00	56.90 0.16 0.00	44.88 -0.17 0.00	30.93 -0.30 0.00	28.88 -0.30 0.00	25.48 -0.04 0.00	27.78 0.23 0.00
CALVERTON___SOLAR 323806	45.92 3.29 -6.67	34.71 2.92 -0.01	157.24 2.44 -129.75	22.93 1.89 0.00	25.25 2.00 0.00	30.46 2.11 0.00	30.73 1.70 0.00	33.63 2.10 0.00	30.84 2.39 0.00	30.39 2.52 0.00	29.74 2.37 -2.41	29.31 2.54 -0.08	29.70 2.36 0.00	34.16 2.83 -0.07	35.17 3.00 -2.12	40.20 3.65 -3.49	61.02 4.15 -20.16	56.20 4.88 -7.43	82.79 6.39 -19.67	50.19 4.74 -0.40	47.97 3.30 -13.44	90.30 2.88 -58.25	27.69 2.17 0.00	29.69 2.14 0.00
CANDIGU_WT_PWR 323617	36.38 0.42 0.00	31.97 0.18 0.00	25.10 0.04 0.00	21.08 0.04 0.00	23.45 0.20 0.00	28.92 0.57 0.00	29.45 0.42 0.00	32.10 0.57 0.00	28.87 0.43 0.00	28.54 0.67 0.00	25.65 0.68 0.00	27.24 0.55 0.00	27.86 0.53 0.00	31.96 0.70 0.00	30.72 0.66 0.00	34.28 0.78 -0.43	37.29 0.58 0.00	44.49 0.60 0.00	57.63 0.89 0.00	45.50 0.45 0.00	31.45 0.22 0.00	29.42 0.24 0.00	25.84 0.31 0.00	27.96 0.41 0.00
CARR STREET_E_SYR 24060	35.70 -0.26 0.00	31.48 -0.31 0.00	24.78 -0.27 0.00	20.82 -0.22 0.00	23.03 -0.22 0.00	28.18 -0.17 0.00	28.84 -0.19 0.00	31.38 -0.15 0.00	28.31 -0.13 0.00	27.79 -0.08 0.00	24.90 -0.07 0.00	26.60 -0.10 0.00	27.21 -0.13 0.00	31.04 -0.22 0.00	29.78 -0.29 0.00	32.70 -0.37 0.00	36.27 -0.44 0.00	43.37 -0.52 0.00	56.11 -0.64 0.00	44.50 -0.56 0.00	30.84 -0.39 0.00	28.85 -0.33 0.00	25.30 -0.23 0.00	27.40 -0.15 0.00
CARTHAGE___PAPER 23857	36.91 0.95 0.00	32.58 0.79 0.00	25.68 0.63 0.00	21.54 0.50 0.00	23.77 0.52 0.00	29.11 0.76 0.00	29.82 0.79 0.00	32.35 0.82 0.00	26.45 0.38 2.38	28.09 0.22 0.00	25.11 0.15 0.00	26.62 -0.07 0.00	27.33 -0.01 0.00	31.38 0.12 0.00	29.99 -0.07 0.00	33.25 0.18 0.00	36.48 -0.23 0.00	43.91 0.02 0.00	57.33 0.59 0.00	45.73 0.68 0.00	32.02 0.79 0.00	29.72 0.55 0.00	25.91 0.39 0.00	28.01 0.46 0.00

CASSADAGA_WT_PWR 323784	36.95 0.98 0.00	32.43 0.64 0.00	25.32 0.26 0.00	21.28 0.23 0.00	23.74 0.50 0.00	29.42 1.07 0.00	29.93 0.90 0.00	32.72 1.19 0.00	29.39 0.95 0.00	29.20 1.33 0.00	26.36 1.39 0.00	27.96 1.27 0.00	28.49 1.15 0.00	32.82 1.56 0.00	31.47 1.41 0.00	35.51 1.57 -0.87	37.94 1.23 0.00	45.23 1.34 0.00	58.50 1.76 0.00	46.05 0.99 0.00	31.72 0.49 0.00	29.66 0.49 0.00	26.32 0.80 0.00	28.63 1.09 0.00
CE_DUNWOOD___DRP 24194	37.57 1.61 0.00	33.05 1.26 0.00	26.12 1.07 0.00	21.89 0.84 0.00	24.10 0.86 0.00	29.30 0.95 0.00	30.12 1.09 0.00	32.74 1.21 0.00	29.82 1.38 0.00	29.44 1.56 0.00	26.52 1.56 0.00	28.46 1.77 0.00	29.08 1.74 0.00	33.24 1.98 0.00	32.09 2.03 0.00	35.47 2.40 0.00	39.36 2.64 0.00	47.00 3.11 0.00	60.66 3.92 0.00	47.98 2.92 0.00	33.16 1.93 0.00	30.92 1.75 0.00	26.97 1.45 0.00	28.92 1.37 0.00
CE_MILLWOOD___DRP 24193	37.50 1.54 0.00	32.99 1.20 0.00	26.07 1.01 0.00	21.84 0.79 0.00	24.06 0.82 0.00	29.25 0.91 0.00	30.07 1.04 0.00	32.69 1.16 0.00	29.75 1.31 0.00	29.36 1.49 0.00	26.45 1.49 0.00	28.39 1.70 0.00	29.01 1.67 0.00	33.17 1.91 0.00	32.02 1.96 0.00	35.38 2.32 0.00	39.27 2.56 0.00	46.90 3.00 0.00	60.55 3.81 0.00	47.88 2.83 0.00	33.10 1.87 0.00	30.85 1.68 0.00	26.91 1.39 0.00	28.87 1.32 0.00
CE_NYC2_DRP 24202	37.67 1.70 0.00	33.14 1.35 0.00	26.22 1.17 0.00	21.97 0.92 0.00	24.18 0.94 0.00	29.38 1.03 0.00	30.24 1.21 0.00	32.86 1.33 0.00	30.00 1.56 0.00	29.62 1.75 0.00	26.72 1.75 0.00	28.66 1.97 0.00	29.25 1.91 0.00	33.43 2.18 0.00	32.30 2.24 0.00	35.71 2.64 0.00	39.59 2.88 0.00	47.23 3.34 0.00	60.93 4.19 0.00	48.16 3.10 0.00	33.30 2.08 0.00	31.07 1.90 0.00	27.13 1.60 0.00	29.05 1.50 0.00
CE_NYC_DRP 24195	37.65 1.68 0.00	33.11 1.32 0.00	26.18 1.13 0.00	21.95 0.90 0.00	24.15 0.91 0.00	29.33 0.98 0.00	30.16 1.13 0.00	32.78 1.25 0.00	29.92 1.48 0.00	29.57 1.70 0.00	26.67 1.71 0.00	28.62 1.92 0.00	29.20 1.86 0.00	33.39 2.13 0.00	32.26 2.19 0.00	35.66 2.59 0.00	39.54 2.83 0.00	47.18 3.29 0.00	60.90 4.16 0.00	48.11 3.06 0.00	33.25 2.03 0.00	31.02 1.85 0.00	27.07 1.55 0.00	29.01 1.46 0.00
CHAFFEE___LFGE 323603	36.29 0.33 0.00	31.89 0.09 0.00	24.98 -0.07 0.00	21.01 -0.03 0.00	23.40 0.15 0.00	28.95 0.60 0.00	29.34 0.31 0.00	32.00 0.47 0.00	28.76 0.31 0.00	28.46 0.59 0.00	25.69 0.73 0.00	27.26 0.56 0.00	27.87 0.53 0.00	32.04 0.78 0.00	30.76 0.70 0.00	34.78 0.78 -0.93	37.00 0.28 0.00	44.12 0.23 0.00	57.08 0.34 0.00	45.01 -0.04 0.00	31.04 -0.19 0.00	28.98 -0.20 0.00	25.53 0.01 0.00	27.79 0.24 0.00
CHATEAUG_35_KV_LOAD 355732	36.64 0.68 0.00	32.59 0.80 0.00	25.69 0.64 0.00	21.64 0.60 0.00	23.99 0.74 0.00	29.28 0.93 0.00	29.95 0.92 0.00	32.50 0.97 0.00	84.10 1.00 -54.66	28.29 0.42 0.00	25.08 0.11 0.00	26.70 0.00 0.00	27.49 0.15 0.00	31.42 0.16 0.00	30.12 0.05 0.00	33.15 0.08 0.00	37.05 0.34 0.00	44.39 0.50 0.00	57.63 0.89 0.00	46.11 1.05 0.00	32.00 0.78 0.00	30.03 0.85 0.00	26.26 0.74 0.00	28.22 0.67 0.00
CHATEAUG_WT_PWR 323614	36.67 0.70 0.00	32.62 0.83 0.00	25.71 0.65 0.00	21.67 0.63 0.00	24.02 0.78 0.00	29.32 0.97 0.00	30.02 0.98 0.00	32.56 1.03 0.00	80.40 1.02 -50.93	28.33 0.46 0.00	25.10 0.13 0.00	26.72 0.03 0.00	27.54 0.20 0.00	31.47 0.21 0.00	30.16 0.09 0.00	33.20 0.13 0.00	37.11 0.40 0.00	44.47 0.58 0.00	57.72 0.97 0.00	46.20 1.14 0.00	32.05 0.82 0.00	30.07 0.89 0.00	26.28 0.76 0.00	28.24 0.69 0.00
CHAT_HIGH_FALL_HYD 323578	36.64 0.68 0.00	32.59 0.80 0.00	25.68 0.63 0.00	21.64 0.60 0.00	23.98 0.74 0.00	29.28 0.93 0.00	29.94 0.92 0.00	32.50 0.97 0.00	84.10 1.00 -54.66	28.30 0.42 0.00	25.08 0.11 0.00	26.70 0.00 0.00	27.49 0.16 0.00	31.42 0.17 0.00	30.12 0.05 0.00	33.15 0.08 0.00	37.05 0.34 0.00	44.39 0.50 0.00	57.63 0.89 0.00	46.11 1.05 0.00	32.00 0.78 0.00	30.03 0.85 0.00	26.26 0.74 0.00	28.21 0.66 0.00
CHAUTAUQUA___LFGE 323629	36.69 0.72 0.00	32.23 0.44 0.00	25.18 0.13 0.00	21.17 0.13 0.00	23.61 0.36 0.00	29.24 0.89 0.00	29.70 0.67 0.00	32.43 0.90 0.00	29.13 0.68 0.00	28.91 1.04 0.00	26.09 1.13 0.00	27.67 0.98 0.00	28.21 0.87 0.00	32.49 1.23 0.00	31.18 1.11 0.00	35.26 1.29 -0.90	37.64 0.93 0.00	44.85 0.96 0.00	57.97 1.23 0.00	45.66 0.60 0.00	31.46 0.23 0.00	29.44 0.26 0.00	26.00 0.48 0.00	28.28 0.73 0.00
CHERRYST_13_KV_LD 356241	37.76 1.79 0.00	33.20 1.41 0.00	26.26 1.21 0.00	22.01 0.96 0.00	24.22 0.98 0.00	29.41 1.06 0.00	30.27 1.24 0.00	32.91 1.38 0.00	30.05 1.60 0.00	29.70 1.83 0.00	26.79 1.83 0.00	28.75 2.05 0.00	29.34 2.00 0.00	33.54 2.29 0.00	32.41 2.34 0.00	35.82 2.75 0.00	39.71 3.00 0.00	47.39 3.50 0.00	61.14 4.40 0.00	48.27 3.22 0.00	33.35 2.13 0.00	31.12 1.94 0.00	27.15 1.63 0.00	29.09 1.54 0.00
CHESTROR_138KV_BK263 355645	37.22 1.26 0.00	32.75 0.96 0.00	25.85 0.79 0.00	21.67 0.62 0.00	23.90 0.65 0.00	29.07 0.72 0.00	29.87 0.84 0.00	32.46 0.93 0.00	29.49 1.05 0.00	29.06 1.19 0.00	26.15 1.18 0.00	28.05 1.36 0.00	28.70 1.36 0.00	32.83 1.57 0.00	31.66 1.60 0.00	34.97 1.90 0.00	38.82 2.11 0.00	46.37 2.48 0.00	59.93 3.19 0.00	47.43 2.38 0.00	32.80 1.57 0.00	30.58 1.40 0.00	26.67 1.16 0.00	28.65 1.10 0.00
CH_MIDHUDSON___DRP 24192	37.56 1.59 0.00	33.07 1.27 0.00	26.10 1.05 0.00	21.86 0.82 0.00	24.09 0.85 0.00	29.31 0.95 0.00	30.12 1.09 0.00	32.73 1.20 0.00	29.76 1.32 0.00	29.32 1.45 0.00	26.38 1.42 0.00	28.30 1.61 0.00	28.95 1.61 0.00	33.11 1.85 0.00	31.94 1.88 0.00	35.27 2.21 0.00	39.16 2.44 0.00	46.81 2.92 0.00	60.48 3.74 0.00	47.88 2.83 0.00	33.10 1.87 0.00	30.85 1.68 0.00	26.90 1.38 0.00	28.87 1.32 0.00
CH_MISC_IPPS 23765	37.76 1.80 0.00	33.22 1.43 0.00	26.22 1.16 0.00	21.96 0.92 0.00	24.21 0.96 0.00	29.45 1.10 0.00	30.28 1.25 0.00	32.91 1.38 0.00	29.96 1.52 0.00	29.50 1.63 0.00	26.55 1.58 0.00	28.49 1.80 0.00	29.14 1.80 0.00	33.35 2.09 0.00	32.19 2.12 0.00	35.56 2.49 0.00	39.47 2.76 0.00	47.17 3.28 0.00	60.96 4.22 0.00	48.25 3.19 0.00	33.34 2.11 0.00	31.07 1.89 0.00	27.07 1.55 0.00	29.04 1.49 0.00
CH_RES_BVR_FALLS 23983	35.78 -0.18 0.00	31.71 -0.08 0.00	24.99 -0.07 0.00	21.00 -0.04 0.00	23.19 -0.05 0.00	28.27 -0.08 0.00	28.92 -0.11 0.00	31.37 -0.15 0.00	28.23 -0.21 0.00	27.62 -0.25 0.00	24.70 -0.26 0.00	26.38 -0.31 0.00	27.04 -0.30 0.00	30.91 -0.34 0.00	29.72 -0.35 0.00	32.71 -0.36 0.00	36.35 -0.37 0.00	43.44 -0.45 0.00	56.17 -0.57 0.00	44.60 -0.45 0.00	30.95 -0.28 0.00	28.97 -0.21 0.00	25.38 -0.14 0.00	27.36 -0.19 0.00

CH_RES_NIAGARA 23895	35.38 -0.58 0.00	31.15 -0.64 0.00	24.45 -0.61 0.00	20.56 -0.49 0.00	22.88 -0.37 0.00	28.33 -0.02 0.00	28.62 -0.41 0.00	30.97 -0.57 0.00	27.80 -0.64 0.00	27.59 -0.29 0.00	24.94 -0.02 0.00	26.39 -0.30 0.00	26.92 -0.42 0.00	30.98 -0.28 0.00	29.73 -0.33 0.00	33.52 -0.55 -1.00	35.37 -1.34 0.00	42.09 -1.80 0.00	54.47 -2.27 0.00	43.05 -2.01 0.00	29.69 -1.53 0.00	27.72 -1.45 0.00	24.53 -0.99 0.00	26.85 -0.70 0.00
CH_RES_SYRACUSE 23985	35.87 -0.09 0.00	31.63 -0.17 0.00	24.92 -0.14 0.00	20.96 -0.08 0.00	23.16 -0.09 0.00	28.32 -0.03 0.00	28.99 -0.04 0.00	31.56 0.03 0.00	28.45 0.01 0.00	27.91 0.04 0.00	25.02 0.06 0.00	26.75 0.06 0.00	27.38 0.04 0.00	31.30 0.04 0.00	30.09 0.03 0.00	33.01 -0.06 0.00	36.59 -0.12 0.00	43.78 -0.11 0.00	56.66 -0.08 0.00	44.95 -0.10 0.00	31.15 -0.07 0.00	29.08 -0.10 0.00	25.44 -0.08 0.00	27.56 0.01 0.00
CLINTON_WT_PWR 323605	36.67 0.70 0.00	32.62 0.83 0.00	25.71 0.65 0.00	21.67 0.63 0.00	24.02 0.78 0.00	29.32 0.97 0.00	30.02 0.98 0.00	32.56 1.03 0.00	80.40 1.02 -50.93	28.33 0.46 0.00	25.10 0.13 0.00	26.72 0.03 0.00	27.54 0.20 0.00	31.47 0.21 0.00	30.16 0.09 0.00	33.20 0.13 0.00	37.11 0.40 0.00	44.47 0.58 0.00	57.72 0.97 0.00	46.20 1.14 0.00	32.05 0.82 0.00	30.07 0.89 0.00	26.28 0.76 0.00	28.24 0.69 0.00
CLINTON___LFGE 323618	37.06 1.09 0.00	32.95 1.15 0.00	25.96 0.90 0.00	21.89 0.85 0.00	24.28 1.03 0.00	29.64 1.29 0.00	30.37 1.34 0.00	32.98 1.45 0.00	81.83 1.48 -51.91	28.59 0.72 0.00	25.29 0.32 0.00	26.95 0.26 0.00	27.82 0.48 0.00	31.78 0.52 0.00	30.48 0.41 0.00	33.50 0.43 0.00	37.44 0.73 0.00	44.86 0.98 0.00	58.34 1.60 0.00	46.79 1.73 0.00	32.47 1.25 0.00	30.47 1.29 0.00	26.59 1.07 0.00	28.56 1.01 0.00
COBBLENY_34_KV_TB1 80064	36.29 0.33 0.00	31.89 0.10 0.00	24.95 -0.10 0.00	21.01 -0.03 0.00	23.40 0.15 0.00	28.95 0.60 0.00	29.34 0.31 0.00	31.99 0.46 0.00	28.76 0.31 0.00	28.46 0.59 0.00	25.69 0.72 0.00	27.26 0.57 0.00	27.87 0.53 0.00	32.04 0.78 0.00	30.76 0.70 0.00	34.78 0.78 -0.93	37.00 0.29 0.00	44.12 0.23 0.00	57.08 0.34 0.00	45.02 -0.04 0.00	31.04 -0.19 0.00	28.98 -0.20 0.00	25.53 0.01 0.00	27.79 0.24 0.00
COFFEEN___115KV_TB3 355620	37.10 1.14 0.00	32.69 0.90 0.00	25.76 0.71 0.00	21.63 0.58 0.00	23.87 0.63 0.00	29.27 0.93 0.00	30.00 0.97 0.00	32.57 1.04 0.00	27.02 0.55 1.98	28.27 0.40 0.00	25.30 0.34 0.00	26.72 0.03 0.00	27.42 0.09 0.00	31.55 0.29 0.00	30.05 -0.02 0.00	33.37 0.30 0.00	36.49 -0.22 0.00	43.86 -0.03 0.00	57.54 0.80 0.00	45.89 0.83 0.00	32.30 1.07 0.00	29.97 0.79 0.00	26.08 0.56 0.00	28.17 0.62 0.00
COLDSPRG_115KV_BK1 355956	37.07 1.11 0.00	32.52 0.73 0.00	25.37 0.31 0.00	21.34 0.30 0.00	23.82 0.57 0.00	29.51 1.16 0.00	30.06 1.03 0.00	32.88 1.35 0.00	29.55 1.10 0.00	29.38 1.51 0.00	26.50 1.53 0.00	28.09 1.40 0.00	28.63 1.29 0.00	32.97 1.71 0.00	31.63 1.56 0.00	35.62 1.72 -0.83	38.17 1.46 0.00	45.51 1.62 0.00	58.73 1.99 0.00	46.19 1.14 0.00	31.83 0.60 0.00	29.75 0.58 0.00	26.48 0.96 0.00	28.81 1.26 0.00
COLONIE_LFGE___ 323577	37.26 1.30 0.00	32.96 1.17 0.00	26.00 0.95 0.00	21.83 0.78 0.00	24.07 0.82 0.00	29.22 0.87 0.00	29.96 0.93 0.00	32.47 0.94 0.00	29.31 0.86 0.00	28.73 0.86 0.00	25.70 0.73 0.00	27.58 0.89 0.00	28.31 0.97 0.00	32.31 1.06 0.00	31.03 0.96 0.00	34.06 0.99 0.00	37.88 1.17 0.00	45.40 1.51 0.00	58.78 2.04 0.00	46.93 1.87 0.00	32.50 1.27 0.00	30.31 1.13 0.00	26.43 0.91 0.00	28.50 0.95 0.00
COOPERNY_115KV_TB1 80082	36.85 0.89 0.00	32.46 0.67 0.00	25.61 0.56 0.00	21.47 0.43 0.00	23.69 0.45 0.00	28.85 0.50 0.00	29.62 0.59 0.00	32.19 0.66 0.00	29.20 0.76 0.00	28.75 0.88 0.00	25.85 0.89 0.00	27.71 1.02 0.00	28.35 1.01 0.00	32.41 1.16 0.00	31.25 1.19 0.00	34.48 1.41 0.00	38.26 1.55 0.00	45.71 1.82 0.00	59.08 2.34 0.00	46.80 1.75 0.00	32.37 1.14 0.00	30.21 1.03 0.00	26.36 0.84 0.00	28.35 0.80 0.00
COPENHAGEN_WT_PWR 323753	36.75 0.78 0.00	32.40 0.61 0.00	25.53 0.48 0.00	21.42 0.38 0.00	23.67 0.42 0.00	29.00 0.65 0.00	29.71 0.68 0.00	32.27 0.74 0.00	26.93 0.35 1.87	28.08 0.21 0.00	25.12 0.16 0.00	26.57 -0.12 0.00	27.26 -0.08 0.00	31.32 0.06 0.00	29.90 -0.17 0.00	33.13 0.06 0.00	36.22 -0.49 0.00	43.64 -0.25 0.00	57.04 0.30 0.00	45.44 0.38 0.00	31.84 0.62 0.00	29.52 0.34 0.00	25.72 0.20 0.00	27.82 0.28 0.00
CORNELL_____ 23752	36.65 0.68 0.00	32.26 0.47 0.00	25.38 0.33 0.00	21.34 0.29 0.00	23.63 0.38 0.00	28.96 0.61 0.00	29.62 0.59 0.00	32.29 0.75 0.00	29.06 0.61 0.00	28.46 0.59 0.00	25.49 0.52 0.00	27.26 0.57 0.00	27.89 0.55 0.00	31.93 0.67 0.00	30.70 0.63 0.00	33.61 0.55 0.00	37.30 0.58 0.00	44.69 0.79 0.00	58.03 1.29 0.00	46.15 1.09 0.00	31.99 0.76 0.00	29.87 0.69 0.00	26.08 0.56 0.00	28.17 0.62 0.00
CORONA_AAV_69_KV_TB1 355595	45.14 2.52 -6.66	33.84 2.05 0.00	29.17 1.68 -2.44	22.36 1.32 0.00	24.58 1.33 0.00	29.86 1.51 0.00	30.54 1.51 0.00	33.25 1.72 0.00	30.38 1.93 0.00	29.96 2.09 0.00	29.48 2.12 -2.41	29.12 2.36 -0.07	29.64 2.30 0.00	33.88 2.54 -0.07	34.84 2.66 -2.11	39.67 3.12 -3.48	60.36 3.51 -20.14	55.42 4.10 -7.43	81.56 5.16 -19.66	49.33 3.88 -0.39	47.32 2.65 -13.44	89.81 2.39 -58.25	27.54 2.02 0.00	29.47 1.92 0.00
CORTLAND_115KV_TB3 80093	36.36 0.40 0.00	32.03 0.24 0.00	25.21 0.15 0.00	21.18 0.14 0.00	23.44 0.19 0.00	28.70 0.35 0.00	29.39 0.35 0.00	31.99 0.46 0.00	28.82 0.37 0.00	28.26 0.39 0.00	25.32 0.36 0.00	27.08 0.39 0.00	27.73 0.39 0.00	31.73 0.47 0.00	30.52 0.45 0.00	33.47 0.41 0.00	37.10 0.39 0.00	44.40 0.51 0.00	57.53 0.78 0.00	45.69 0.64 0.00	31.68 0.45 0.00	29.58 0.40 0.00	25.86 0.34 0.00	27.93 0.38 0.00
COXSACKIE___GT 23611	38.23 2.26 0.00	33.74 1.95 0.00	26.51 1.46 0.00	22.28 1.24 0.00	24.63 1.39 0.00	29.94 1.59 0.00	30.78 1.75 0.00	33.34 1.81 0.00	29.90 1.45 0.00	29.05 1.18 0.00	25.90 0.94 0.00	27.75 1.06 0.00	28.50 1.16 0.00	32.56 1.31 0.00	31.44 1.37 0.00	34.56 1.49 0.00	38.73 2.02 0.00	46.40 2.51 0.00	60.26 3.52 0.00	48.41 3.36 0.00	33.67 2.44 0.00	31.36 2.18 0.00	27.25 1.73 0.00	29.24 1.69 0.00
CPV_VALLEY___CC1 323721	36.91 0.95 0.00	32.50 0.70 0.00	25.65 0.60 0.00	21.50 0.46 0.00	23.71 0.46 0.00	28.85 0.50 0.00	29.64 0.61 0.00	32.22 0.69 0.00	29.26 0.82 0.00	28.84 0.97 0.00	25.95 0.98 0.00	27.84 1.14 0.00	28.47 1.13 0.00	32.55 1.30 0.00	31.40 1.34 0.00	34.67 1.61 0.00	38.48 1.77 0.00	45.97 2.08 0.00	59.38 2.64 0.00	47.01 1.95 0.00	32.51 1.28 0.00	30.31 1.14 0.00	26.44 0.93 0.00	28.41 0.87 0.00

CPV_VALLEY___CC2 323722	36.91 0.95 0.00	32.50 0.70 0.00	25.65 0.60 0.00	21.50 0.46 0.00	23.71 0.46 0.00	28.85 0.50 0.00	29.64 0.61 0.00	32.22 0.69 0.00	29.26 0.82 0.00	28.84 0.97 0.00	25.95 0.98 0.00	27.84 1.14 0.00	28.47 1.13 0.00	32.55 1.30 0.00	31.40 1.34 0.00	34.67 1.61 0.00	38.48 1.77 0.00	45.97 2.08 0.00	59.38 2.64 0.00	47.01 1.95 0.00	32.51 1.28 0.00	30.31 1.14 0.00	26.44 0.93 0.00	28.41 0.87 0.00
CRESCENT___HYD 24018	37.26 1.30 0.00	32.96 1.17 0.00	26.00 0.95 0.00	21.83 0.78 0.00	24.07 0.82 0.00	29.22 0.87 0.00	29.96 0.93 0.00	32.47 0.94 0.00	29.31 0.86 0.00	28.73 0.86 0.00	25.70 0.73 0.00	27.58 0.89 0.00	28.31 0.97 0.00	32.31 1.06 0.00	31.03 0.96 0.00	34.06 0.99 0.00	37.88 1.17 0.00	45.40 1.51 0.00	58.78 2.04 0.00	46.93 1.87 0.00	32.50 1.27 0.00	30.31 1.13 0.00	26.43 0.91 0.00	28.50 0.95 0.00
CRICKET___VALLEY_CC1 323756	37.18 1.22 0.00	32.78 1.00 0.00	25.88 0.83 0.00	21.65 0.61 0.00	23.84 0.60 0.00	29.01 0.66 0.00	29.83 0.79 0.00	32.36 0.83 0.00	29.40 0.96 0.00	28.93 1.06 0.00	25.98 1.02 0.00	27.86 1.17 0.00	28.52 1.19 0.00	32.59 1.33 0.00	31.41 1.35 0.00	34.66 1.60 0.00	38.49 1.78 0.00	46.05 2.16 0.00	59.50 2.76 0.00	47.17 2.11 0.00	32.60 1.37 0.00	30.40 1.23 0.00	26.53 1.01 0.00	28.48 0.93 0.00
CRICKET___VALLEY_CC2 323757	37.18 1.22 0.00	32.78 1.00 0.00	25.88 0.83 0.00	21.65 0.61 0.00	23.84 0.60 0.00	29.01 0.66 0.00	29.83 0.79 0.00	32.36 0.83 0.00	29.40 0.96 0.00	28.93 1.06 0.00	25.98 1.02 0.00	27.86 1.17 0.00	28.52 1.19 0.00	32.59 1.33 0.00	31.41 1.35 0.00	34.66 1.60 0.00	38.49 1.78 0.00	46.05 2.16 0.00	59.50 2.76 0.00	47.17 2.11 0.00	32.60 1.37 0.00	30.40 1.23 0.00	26.53 1.01 0.00	28.48 0.93 0.00
CRICKET___VALLEY_CC3 323758	37.18 1.22 0.00	32.78 1.00 0.00	25.88 0.83 0.00	21.65 0.61 0.00	23.84 0.60 0.00	29.01 0.66 0.00	29.83 0.79 0.00	32.36 0.83 0.00	29.40 0.96 0.00	28.93 1.06 0.00	25.98 1.02 0.00	27.86 1.17 0.00	28.52 1.19 0.00	32.59 1.33 0.00	31.41 1.35 0.00	34.66 1.60 0.00	38.49 1.78 0.00	46.05 2.16 0.00	59.50 2.76 0.00	47.17 2.11 0.00	32.60 1.37 0.00	30.40 1.23 0.00	26.53 1.01 0.00	28.48 0.93 0.00
CRUCIBLE_METL_DRP 24180	35.87 -0.09 0.00	31.63 -0.17 0.00	24.91 -0.15 0.00	20.96 -0.08 0.00	23.16 -0.09 0.00	28.32 -0.03 0.00	28.99 -0.04 0.00	31.56 0.03 0.00	28.45 0.01 0.00	27.91 0.03 0.00	25.02 0.06 0.00	26.75 0.06 0.00	27.38 0.04 0.00	31.30 0.04 0.00	30.09 0.03 0.00	33.01 -0.06 0.00	36.59 -0.12 0.00	43.78 -0.11 0.00	56.66 -0.08 0.00	44.96 -0.09 0.00	31.15 -0.07 0.00	29.08 -0.10 0.00	25.44 -0.08 0.00	27.55 0.00 0.00
DAHOWA___HYDRO 323763	37.67 1.70 0.00	33.26 1.47 0.00	26.15 1.09 0.00	21.94 0.89 0.00	24.23 0.98 0.00	29.43 1.08 0.00	30.23 1.20 0.00	32.77 1.24 0.00	29.53 1.09 0.00	28.90 1.03 0.00	25.75 0.79 0.00	27.64 0.95 0.00	28.44 1.10 0.00	32.44 1.19 0.00	31.09 1.02 0.00	34.22 1.16 0.00	38.07 1.36 0.00	45.77 1.88 0.00	59.45 2.71 0.00	47.60 2.54 0.00	33.00 1.77 0.00	30.81 1.63 0.00	26.85 1.32 0.00	28.90 1.35 0.00
DANC___LFGE 323619	36.24 0.27 0.00	31.95 0.16 0.00	25.17 0.11 0.00	21.13 0.08 0.00	23.36 0.11 0.00	28.61 0.26 0.00	29.30 0.27 0.00	31.84 0.31 0.00	27.23 0.07 1.28	27.83 -0.04 0.00	24.89 -0.07 0.00	26.42 -0.27 0.00	27.08 -0.26 0.00	31.06 -0.19 0.00	29.70 -0.36 0.00	32.81 -0.26 0.00	36.05 -0.66 0.00	43.31 -0.58 0.00	56.42 -0.33 0.00	44.89 -0.16 0.00	31.37 0.15 0.00	29.19 0.02 0.00	25.49 -0.04 0.00	27.58 0.03 0.00
DANSKAMMER___1 23586	37.76 1.80 0.00	33.22 1.43 0.00	26.22 1.16 0.00	21.96 0.92 0.00	24.21 0.96 0.00	29.45 1.10 0.00	30.28 1.25 0.00	32.91 1.38 0.00	29.96 1.52 0.00	29.50 1.63 0.00	26.55 1.58 0.00	28.49 1.80 0.00	29.14 1.80 0.00	33.35 2.09 0.00	32.19 2.12 0.00	35.56 2.49 0.00	39.47 2.76 0.00	47.17 3.28 0.00	60.96 4.22 0.00	48.25 3.19 0.00	33.34 2.11 0.00	31.07 1.89 0.00	27.07 1.55 0.00	29.04 1.49 0.00
DANSKAMMER___2 23589	37.76 1.80 0.00	33.22 1.43 0.00	26.22 1.16 0.00	21.96 0.92 0.00	24.21 0.96 0.00	29.45 1.10 0.00	30.28 1.25 0.00	32.91 1.38 0.00	29.96 1.52 0.00	29.50 1.63 0.00	26.55 1.58 0.00	28.49 1.80 0.00	29.14 1.80 0.00	33.35 2.09 0.00	32.19 2.12 0.00	35.56 2.49 0.00	39.47 2.76 0.00	47.17 3.28 0.00	60.96 4.22 0.00	48.25 3.19 0.00	33.34 2.11 0.00	31.07 1.89 0.00	27.07 1.55 0.00	29.04 1.49 0.00
DANSKAMMER___3 23590	37.76 1.80 0.00	33.22 1.43 0.00	26.22 1.16 0.00	21.96 0.92 0.00	24.21 0.96 0.00	29.45 1.10 0.00	30.28 1.25 0.00	32.91 1.38 0.00	29.96 1.52 0.00	29.50 1.63 0.00	26.55 1.58 0.00	28.49 1.80 0.00	29.14 1.80 0.00	33.35 2.09 0.00	32.19 2.12 0.00	35.56 2.49 0.00	39.47 2.76 0.00	47.17 3.28 0.00	60.96 4.22 0.00	48.25 3.19 0.00	33.34 2.11 0.00	31.07 1.89 0.00	27.07 1.55 0.00	29.04 1.49 0.00
DANSKAMMER___4 23591	37.76 1.80 0.00	33.22 1.43 0.00	26.22 1.16 0.00	21.96 0.92 0.00	24.21 0.96 0.00	29.45 1.10 0.00	30.28 1.25 0.00	32.91 1.38 0.00	29.96 1.52 0.00	29.50 1.63 0.00	26.55 1.58 0.00	28.49 1.80 0.00	29.14 1.80 0.00	33.35 2.09 0.00	32.19 2.12 0.00	35.56 2.49 0.00	39.47 2.76 0.00	47.17 3.28 0.00	60.96 4.22 0.00	48.25 3.19 0.00	33.34 2.11 0.00	31.07 1.89 0.00	27.07 1.55 0.00	29.04 1.49 0.00
DANSKAMMER___DIESEL 23592	37.77 1.80 0.00	33.22 1.43 0.00	26.23 1.17 0.00	21.96 0.92 0.00	24.21 0.96 0.00	29.45 1.11 0.00	30.28 1.25 0.00	32.91 1.38 0.00	29.96 1.52 0.00	29.50 1.63 0.00	26.55 1.59 0.00	28.49 1.80 0.00	29.14 1.80 0.00	33.35 2.09 0.00	32.19 2.12 0.00	35.56 2.49 0.00	39.47 2.76 0.00	47.17 3.28 0.00	60.96 4.22 0.00	48.24 3.19 0.00	33.33 2.11 0.00	31.07 1.89 0.00	27.07 1.55 0.00	29.04 1.49 0.00
DARBY___SOLAR 323810	37.59 1.63 0.00	33.19 1.40 0.00	26.11 1.05 0.00	21.90 0.86 0.00	24.19 0.95 0.00	29.38 1.03 0.00	30.18 1.15 0.00	32.71 1.18 0.00	29.49 1.05 0.00	28.87 1.00 0.00	25.74 0.77 0.00	27.63 0.94 0.00	28.40 1.07 0.00	32.41 1.16 0.00	31.08 1.01 0.00	34.20 1.13 0.00	38.07 1.35 0.00	45.72 1.83 0.00	59.33 2.59 0.00	47.48 2.42 0.00	32.90 1.68 0.00	30.71 1.54 0.00	26.77 1.25 0.00	28.83 1.28 0.00
DASHVILLE___HYD 23610	37.35 1.38 0.00	32.84 1.05 0.00	25.96 0.91 0.00	21.75 0.71 0.00	23.93 0.68 0.00	29.12 0.77 0.00	29.93 0.90 0.00	32.56 1.04 0.00	29.64 1.19 0.00	29.23 1.36 0.00	26.34 1.38 0.00	28.27 1.58 0.00	28.90 1.56 0.00	33.07 1.81 0.00	31.95 1.89 0.00	35.26 2.20 0.00	39.08 2.37 0.00	46.72 2.83 0.00	60.35 3.61 0.00	47.74 2.69 0.00	32.99 1.76 0.00	30.76 1.59 0.00	26.80 1.28 0.00	28.76 1.21 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	46.87 4.24 -6.66	35.52 3.73 -0.01	157.08 3.09 -128.93	23.44 2.39 0.00	25.87 2.62 0.00	31.15 2.80 0.00	31.40 2.37 0.00	34.39 2.86 0.00	31.61 3.16 0.00	31.23 3.36 0.00	30.51 3.14 -2.41	30.16 3.40 -0.07	30.58 3.25 0.00	35.25 3.93 -0.07	36.24 4.06 -2.11	41.35 4.80 -3.48	62.27 5.40 -20.16	57.73 6.40 -7.43	84.75 8.34 -19.66	51.63 6.18 -0.39	48.97 4.30 -13.44	91.16 3.73 -58.25	28.36 2.84 0.00	30.39 2.84 0.00
DELAWARE___LFGE 323621	36.91 0.95 0.00	32.53 0.74 0.00	25.63 0.57 0.00	21.50 0.46 0.00	23.77 0.52 0.00	29.03 0.68 0.00	29.77 0.74 0.00	32.34 0.81 0.00	29.24 0.80 0.00	28.74 0.87 0.00	25.77 0.81 0.00	27.58 0.89 0.00	28.25 0.91 0.00	32.31 1.06 0.00	31.11 1.04 0.00	34.26 1.19 0.00	38.01 1.30 0.00	45.41 1.53 0.00	58.76 2.02 0.00	46.65 1.59 0.00	32.29 1.06 0.00	30.13 0.96 0.00	26.32 0.80 0.00	28.36 0.81 0.00
DERFIELD_115KV_TB7 355931	35.99 0.03 0.00	31.79 0.00 0.00	25.06 0.00 0.00	21.04 0.00 0.00	23.23 -0.01 0.00	28.33 -0.02 0.00	29.03 0.00 0.00	31.53 0.00 0.00	28.46 0.02 0.00	27.90 0.03 0.00	25.00 0.04 0.00	26.75 0.05 0.00	27.39 0.05 0.00	31.32 0.06 0.00	30.15 0.08 0.00	33.12 0.05 0.00	36.76 0.05 0.00	43.98 0.08 0.00	56.85 0.11 0.00	45.15 0.09 0.00	31.29 0.06 0.00	29.22 0.05 0.00	25.54 0.02 0.00	27.57 0.02 0.00
DOGLEVILLE___HYD 23807	35.80 -0.16 0.00	31.52 -0.27 0.00	24.94 -0.12 0.00	20.93 -0.11 0.00	23.01 -0.24 0.00	27.98 -0.37 0.00	28.69 -0.34 0.00	31.13 -0.40 0.00	28.02 -0.43 0.00	27.39 -0.48 0.00	24.65 -0.31 0.00	26.65 -0.05 0.00	27.24 -0.10 0.00	31.11 -0.15 0.00	29.91 -0.16 0.00	32.67 -0.39 0.00	36.48 -0.23 0.00	43.78 -0.11 0.00	56.70 -0.04 0.00	45.40 0.34 0.00	31.57 0.34 0.00	29.39 0.21 0.00	25.53 0.01 0.00	27.41 -0.14 0.00
DUNKIRK___115KV_TB_200 55889	36.63 0.67 0.00	32.18 0.39 0.00	25.12 0.06 0.00	21.14 0.10 0.00	23.58 0.33 0.00	29.20 0.85 0.00	29.65 0.62 0.00	32.37 0.84 0.00	29.07 0.63 0.00	28.85 0.98 0.00	26.03 1.07 0.00	27.62 0.93 0.00	28.16 0.82 0.00	32.42 1.17 0.00	31.12 1.06 0.00	35.20 1.24 -0.90	37.57 0.86 0.00	44.77 0.88 0.00	57.86 1.12 0.00	45.57 0.52 0.00	31.41 0.18 0.00	29.38 0.20 0.00	25.94 0.42 0.00	28.21 0.66 0.00
DUNKIRK___1 23563	36.63 0.67 0.00	32.18 0.39 0.00	25.12 0.06 0.00	21.14 0.10 0.00	23.58 0.33 0.00	29.20 0.85 0.00	29.65 0.62 0.00	32.37 0.84 0.00	29.07 0.63 0.00	28.85 0.98 0.00	26.03 1.07 0.00	27.62 0.93 0.00	28.16 0.82 0.00	32.42 1.17 0.00	31.12 1.06 0.00	35.20 1.24 -0.90	37.57 0.86 0.00	44.77 0.88 0.00	57.86 1.12 0.00	45.57 0.52 0.00	31.41 0.18 0.00	29.38 0.20 0.00	25.94 0.42 0.00	28.21 0.66 0.00
DUNKIRK___2 23564	36.63 0.67 0.00	32.18 0.39 0.00	25.12 0.06 0.00	21.14 0.10 0.00	23.58 0.33 0.00	29.20 0.85 0.00	29.65 0.62 0.00	32.37 0.84 0.00	29.07 0.63 0.00	28.85 0.98 0.00	26.03 1.07 0.00	27.62 0.93 0.00	28.16 0.82 0.00	32.42 1.17 0.00	31.12 1.06 0.00	35.20 1.24 -0.90	37.57 0.86 0.00	44.77 0.88 0.00	57.86 1.12 0.00	45.57 0.52 0.00	31.41 0.18 0.00	29.38 0.20 0.00	25.94 0.42 0.00	28.21 0.66 0.00
DUNKIRK___3 23565	36.45 0.49 0.00	32.02 0.23 0.00	25.02 -0.03 0.00	21.06 0.01 0.00	23.47 0.23 0.00	29.06 0.71 0.00	29.49 0.46 0.00	32.17 0.63 0.00	28.90 0.46 0.00	28.67 0.80 0.00	25.85 0.89 0.00	27.43 0.74 0.00	27.97 0.63 0.00	32.20 0.94 0.00	30.91 0.84 0.00	34.96 1.00 -0.89	37.30 0.59 0.00	44.45 0.56 0.00	57.47 0.73 0.00	45.27 0.21 0.00	31.19 -0.04 0.00	29.17 -0.01 0.00	25.74 0.22 0.00	28.01 0.46 0.00
DUNKIRK___4 23566	36.45 0.49 0.00	32.02 0.23 0.00	25.02 -0.03 0.00	21.06 0.01 0.00	23.47 0.23 0.00	29.06 0.71 0.00	29.49 0.46 0.00	32.17 0.63 0.00	28.90 0.46 0.00	28.67 0.80 0.00	25.85 0.89 0.00	27.43 0.74 0.00	27.97 0.63 0.00	32.20 0.94 0.00	30.91 0.84 0.00	34.96 1.00 -0.89	37.30 0.59 0.00	44.45 0.56 0.00	57.47 0.73 0.00	45.27 0.21 0.00	31.19 -0.04 0.00	29.17 -0.01 0.00	25.74 0.22 0.00	28.01 0.46 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.64 1.68 0.00	33.12 1.33 0.00	26.17 1.12 0.00	21.93 0.88 0.00	24.15 0.90 0.00	29.35 1.00 0.00	30.18 1.15 0.00	32.80 1.27 0.00	29.89 1.45 0.00	29.51 1.63 0.00	26.59 1.63 0.00	28.54 1.84 0.00	29.15 1.81 0.00	33.31 2.05 0.00	32.17 2.10 0.00	35.56 2.49 0.00	39.45 2.74 0.00	47.10 3.21 0.00	60.80 4.06 0.00	48.07 3.01 0.00	33.22 1.99 0.00	30.98 1.81 0.00	27.02 1.50 0.00	28.98 1.44 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	37.44 1.47 0.00	32.93 1.14 0.00	26.00 0.94 0.00	21.78 0.73 0.00	24.01 0.76 0.00	29.20 0.85 0.00	30.02 0.99 0.00	32.64 1.11 0.00	29.67 1.23 0.00	29.23 1.36 0.00	26.30 1.34 0.00	28.23 1.54 0.00	28.87 1.53 0.00	33.03 1.78 0.00	31.88 1.82 0.00	35.21 2.14 0.00	39.09 2.38 0.00	46.72 2.83 0.00	60.36 3.61 0.00	47.77 2.72 0.00	33.03 1.80 0.00	30.79 1.62 0.00	26.84 1.32 0.00	28.81 1.26 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	37.67 1.71 0.00	33.14 1.35 0.00	26.22 1.16 0.00	21.97 0.93 0.00	24.18 0.93 0.00	29.37 1.02 0.00	30.22 1.19 0.00	32.82 1.29 0.00	29.95 1.50 0.00	29.53 1.66 0.00	26.61 1.65 0.00	28.55 1.86 0.00	29.14 1.80 0.00	33.31 2.05 0.00	32.20 2.13 0.00	35.59 2.52 0.00	39.47 2.76 0.00	47.13 3.24 0.00	60.79 4.05 0.00	48.07 3.02 0.00	33.25 2.03 0.00	31.04 1.86 0.00	27.06 1.55 0.00	28.97 1.43 0.00
E179THST_13_KV_LOAD 356214	37.88 1.91 0.00	33.31 1.52 0.00	26.35 1.29 0.00	22.08 1.04 0.00	24.29 1.05 0.00	29.52 1.17 0.00	30.38 1.35 0.00	33.00 1.47 0.00	30.10 1.66 0.00	29.69 1.82 0.00	26.76 1.80 0.00	28.71 2.02 0.00	29.31 1.97 0.00	33.50 2.24 0.00	32.38 2.32 0.00	35.79 2.73 0.00	39.70 2.99 0.00	47.39 3.51 0.00	61.13 4.39 0.00	48.35 3.29 0.00	33.43 2.21 0.00	31.21 2.03 0.00	27.21 1.69 0.00	29.13 1.58 0.00
EAST HAMPTON___GT 23717	47.50 4.87 -6.67	36.06 4.27 -0.01	157.37 3.44 -128.87	23.76 2.72 0.00	26.27 3.02 0.00	31.62 3.27 0.00	31.88 2.85 0.00	34.94 3.41 0.00	32.13 3.69 0.00	31.79 3.91 0.00	31.03 3.66 -2.41	30.74 3.98 -0.08	31.18 3.84 0.00	35.95 4.62 -0.07	36.93 4.75 -2.12	42.09 5.54 -3.49	63.01 6.15 -20.16	58.63 7.30 -7.43	85.91 9.50 -19.67	52.56 7.10 -0.40	49.65 4.98 -13.44	91.76 4.33 -58.25	28.83 3.31 0.00	30.86 3.31 0.00
EAST RIVER___6 23660	37.64 1.68 0.00	33.09 1.30 0.00	26.14 1.09 0.00	21.94 0.90 0.00	24.12 0.88 0.00	29.27 0.92 0.00	30.11 1.08 0.00	32.77 1.24 0.00	29.93 1.48 0.00	29.59 1.72 0.00	26.66 1.70 0.00	28.59 1.90 0.00	29.18 1.85 0.00	33.36 2.10 0.00	32.24 2.18 0.00	35.70 2.63 0.00	39.59 2.88 0.00	47.25 3.36 0.00	61.02 4.27 0.00	48.19 3.14 0.00	33.29 2.06 0.00	31.05 1.87 0.00	27.07 1.55 0.00	29.00 1.45 0.00

EAST RIVER___7 23524	37.64 1.68 0.00	33.09 1.30 0.00	26.14 1.09 0.00	21.94 0.90 0.00	24.12 0.88 0.00	29.27 0.92 0.00	30.11 1.08 0.00	32.77 1.24 0.00	29.93 1.48 0.00	29.59 1.72 0.00	26.66 1.70 0.00	28.59 1.90 0.00	29.18 1.85 0.00	33.36 2.10 0.00	32.24 2.18 0.00	35.70 2.63 0.00	39.59 2.88 0.00	47.25 3.36 0.00	61.02 4.27 0.00	48.19 3.14 0.00	33.29 2.06 0.00	31.05 1.87 0.00	27.07 1.55 0.00	29.00 1.45 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.57 1.61 0.00	33.05 1.26 0.00	26.12 1.07 0.00	21.89 0.84 0.00	24.10 0.86 0.00	29.30 0.95 0.00	30.12 1.09 0.00	32.74 1.21 0.00	29.82 1.38 0.00	29.44 1.56 0.00	26.52 1.56 0.00	28.46 1.77 0.00	29.08 1.74 0.00	33.24 1.98 0.00	32.09 2.03 0.00	35.47 2.40 0.00	39.36 2.64 0.00	47.00 3.11 0.00	60.66 3.92 0.00	47.98 2.92 0.00	33.16 1.93 0.00	30.92 1.75 0.00	26.97 1.45 0.00	28.92 1.37 0.00
EAST_HAMPTON___DIESEL 23722	47.50 4.87 -6.67	36.06 4.27 -0.01	157.37 3.44 -128.87	23.76 2.72 0.00	26.27 3.02 0.00	31.62 3.27 0.00	31.89 2.86 0.00	34.94 3.41 0.00	32.13 3.69 0.00	31.80 3.92 0.00	31.03 3.66 -2.41	30.74 3.98 -0.08	31.19 3.85 0.00	35.97 4.64 -0.07	36.95 4.77 -2.12	42.09 5.54 -3.49	63.02 6.16 -20.16	58.64 7.32 -7.43	85.93 9.53 -19.67	52.56 7.11 -0.40	49.66 4.99 -13.44	91.76 4.33 -58.25	28.83 3.31 0.00	30.86 3.31 0.00
EAST_PULASKI___ESR 323781	35.74 -0.22 0.00	31.53 -0.26 0.00	24.82 -0.23 0.00	20.85 -0.20 0.00	23.06 -0.19 0.00	28.22 -0.13 0.00	28.89 -0.14 0.00	31.40 -0.13 0.00	28.22 -0.22 0.00	27.60 -0.27 0.00	24.69 -0.28 0.00	26.30 -0.39 0.00	26.95 -0.39 0.00	30.83 -0.43 0.00	29.52 -0.55 0.00	32.48 -0.59 0.00	35.86 -0.85 0.00	42.96 -0.93 0.00	55.75 -1.00 0.00	44.32 -0.74 0.00	30.87 -0.36 0.00	28.86 -0.32 0.00	25.25 -0.27 0.00	27.34 -0.21 0.00
EAST_RIVER___1 323558	37.65 1.68 0.00	33.11 1.32 0.00	26.17 1.12 0.00	21.95 0.90 0.00	24.15 0.91 0.00	29.32 0.97 0.00	30.17 1.14 0.00	32.78 1.25 0.00	29.92 1.48 0.00	29.57 1.70 0.00	26.67 1.71 0.00	28.62 1.92 0.00	29.21 1.87 0.00	33.39 2.13 0.00	32.26 2.19 0.00	35.66 2.59 0.00	39.54 2.83 0.00	47.18 3.29 0.00	60.90 4.16 0.00	48.11 3.06 0.00	33.25 2.02 0.00	31.02 1.85 0.00	27.07 1.55 0.00	29.01 1.46 0.00
EAST_RIVER___2 323559	37.64 1.68 0.00	33.09 1.30 0.00	26.14 1.09 0.00	21.94 0.90 0.00	24.12 0.88 0.00	29.27 0.92 0.00	30.11 1.08 0.00	32.77 1.24 0.00	29.93 1.48 0.00	29.59 1.72 0.00	26.66 1.70 0.00	28.59 1.90 0.00	29.18 1.85 0.00	33.36 2.10 0.00	32.24 2.18 0.00	35.70 2.63 0.00	39.59 2.88 0.00	47.25 3.36 0.00	61.02 4.27 0.00	48.19 3.14 0.00	33.29 2.06 0.00	31.05 1.87 0.00	27.07 1.55 0.00	29.00 1.45 0.00
EAST___DELAWARE_HYD 23607	37.04 1.08 0.00	32.56 0.77 0.00	25.60 0.54 0.00	21.44 0.40 0.00	23.69 0.44 0.00	28.87 0.51 0.00	29.67 0.64 0.00	32.29 0.76 0.00	29.34 0.90 0.00	28.88 1.01 0.00	25.88 0.92 0.00	27.79 1.10 0.00	28.25 0.91 0.00	31.63 0.37 0.00	30.57 0.50 0.00	34.03 0.96 0.00	37.73 1.02 0.00	45.22 1.33 0.00	58.54 1.79 0.00	46.37 1.32 0.00	32.13 0.90 0.00	30.56 1.38 0.00	26.61 1.09 0.00	28.50 0.96 0.00
EIGHT_POINT___WT_PWR 323820	36.79 0.83 0.00	32.28 0.49 0.00	25.38 0.32 0.00	21.30 0.26 0.00	23.69 0.44 0.00	29.26 0.91 0.00	29.81 0.78 0.00	32.36 0.83 0.00	29.10 0.65 0.00	28.74 0.87 0.00	25.80 0.84 0.00	27.42 0.73 0.00	28.06 0.72 0.00	32.19 0.93 0.00	30.96 0.89 0.00	34.54 1.10 -0.38	37.62 0.90 0.00	44.89 1.00 0.00	58.22 1.48 0.00	46.06 1.00 0.00	31.84 0.61 0.00	29.77 0.60 0.00	26.14 0.62 0.00	28.28 0.73 0.00
ELBRIDGE_115KV_TB2 80188	35.77 -0.19 0.00	31.56 -0.23 0.00	24.81 -0.24 0.00	20.87 -0.17 0.00	23.12 -0.13 0.00	28.27 -0.08 0.00	28.91 -0.12 0.00	31.49 -0.04 0.00	28.38 -0.07 0.00	27.83 -0.04 0.00	24.94 -0.02 0.00	26.65 -0.04 0.00	27.24 -0.10 0.00	31.15 -0.11 0.00	29.98 -0.08 0.00	32.94 -0.13 0.00	36.52 -0.19 0.00	43.70 -0.19 0.00	56.56 -0.19 0.00	44.87 -0.18 0.00	31.09 -0.13 0.00	29.02 -0.16 0.00	25.36 -0.16 0.00	27.48 -0.07 0.00
ELEC_TRO_TEK 24086	44.89 2.26 -6.66	33.64 1.85 0.00	29.01 1.52 -2.44	22.22 1.18 0.00	24.45 1.20 0.00	29.69 1.34 0.00	30.39 1.35 0.00	33.10 1.57 0.00	30.24 1.79 0.00	29.82 1.95 0.00	29.35 1.99 -2.41	28.97 2.21 -0.07	29.49 2.15 0.00	33.72 2.38 -0.07	34.68 2.50 -2.11	39.49 2.94 -3.48	60.12 3.27 -20.14	55.15 3.83 -7.43	81.25 4.85 -19.66	49.08 3.64 -0.39	47.15 2.48 -13.44	89.63 2.21 -58.25	27.35 1.83 0.00	29.27 1.73 0.00
ELLENBURG_WT_PWR 323604	36.67 0.70 0.00	32.62 0.83 0.00	25.71 0.65 0.00	21.67 0.63 0.00	24.02 0.78 0.00	29.32 0.97 0.00	30.02 0.98 0.00	32.56 1.03 0.00	80.40 1.02 -50.93	28.33 0.46 0.00	25.10 0.13 0.00	26.72 0.03 0.00	27.54 0.20 0.00	31.47 0.21 0.00	30.16 0.09 0.00	33.20 0.13 0.00	37.11 0.40 0.00	44.47 0.58 0.00	57.72 0.97 0.00	46.20 1.14 0.00	32.05 0.82 0.00	30.07 0.89 0.00	26.28 0.76 0.00	28.24 0.69 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.15 0.18 0.00	31.78 -0.01 0.00	24.88 -0.18 0.00	20.95 -0.09 0.00	23.32 0.07 0.00	28.87 0.52 0.00	29.24 0.21 0.00	31.81 0.28 0.00	28.60 0.16 0.00	28.32 0.44 0.00	25.57 0.60 0.00	27.11 0.42 0.00	27.65 0.31 0.00	31.82 0.56 0.00	30.55 0.48 0.00	34.50 0.53 -0.90	36.66 -0.05 0.00	43.69 -0.20 0.00	56.51 -0.23 0.00	44.59 -0.47 0.00	30.73 -0.49 0.00	28.70 -0.48 0.00	25.33 -0.19 0.00	27.64 0.09 0.00
EMPIRE_CC_1 323656	36.70 0.73 0.00	32.47 0.67 0.00	25.65 0.59 0.00	21.61 0.57 0.00	23.82 0.57 0.00	28.77 0.42 0.00	29.52 0.49 0.00	31.97 0.44 0.00	28.88 0.44 0.00	28.34 0.47 0.00	25.38 0.41 0.00	27.22 0.52 0.00	27.94 0.59 0.00	31.88 0.62 0.00	30.62 0.56 0.00	33.61 0.54 0.00	37.35 0.64 0.00	44.72 0.83 0.00	57.84 1.10 0.00	46.14 1.09 0.00	31.95 0.73 0.00	29.80 0.63 0.00	26.01 0.49 0.00	28.04 0.49 0.00
EMPIRE_CC_2 323658	36.70 0.73 0.00	32.47 0.67 0.00	25.65 0.59 0.00	21.61 0.57 0.00	23.82 0.57 0.00	28.77 0.42 0.00	29.52 0.49 0.00	31.97 0.44 0.00	28.88 0.44 0.00	28.34 0.47 0.00	25.38 0.41 0.00	27.22 0.52 0.00	27.94 0.59 0.00	31.88 0.62 0.00	30.62 0.56 0.00	33.61 0.54 0.00	37.35 0.64 0.00	44.72 0.83 0.00	57.84 1.10 0.00	46.14 1.09 0.00	31.95 0.73 0.00	29.80 0.63 0.00	26.01 0.49 0.00	28.04 0.49 0.00
ENORWICH_115KV_TB1 80156	38.25 2.29 0.00	33.58 1.79 0.00	26.47 1.41 0.00	22.25 1.21 0.00	24.60 1.35 0.00	30.21 1.86 0.00	30.94 1.91 0.00	33.72 2.19 0.00	30.30 1.85 0.00	29.54 1.67 0.00	26.41 1.45 0.00	28.36 1.67 0.00	29.18 1.84 0.00	33.22 1.96 0.00	32.07 2.01 0.00	34.75 1.68 0.00	38.62 1.91 0.00	46.45 2.56 0.00	60.56 3.82 0.00	48.50 3.44 0.00	33.66 2.43 0.00	31.36 2.18 0.00	27.30 1.78 0.00	29.40 1.85 0.00

ERIE_ST__34_KV_TB1-2 80199	36.41 0.45 0.00	31.97 0.18 0.00	25.02 -0.04 0.00	21.06 0.01 0.00	23.43 0.18 0.00	29.02 0.67 0.00	29.41 0.38 0.00	32.06 0.53 0.00	28.85 0.40 0.00	28.59 0.72 0.00	25.82 0.85 0.00	27.41 0.71 0.00	27.95 0.61 0.00	32.18 0.92 0.00	30.91 0.84 0.00	34.98 0.91 -1.01	37.19 0.48 0.00	44.36 0.47 0.00	57.37 0.63 0.00	45.21 0.15 0.00	31.14 -0.09 0.00	29.06 -0.12 0.00	25.60 0.08 0.00	27.88 0.33 0.00
ERIE_WT_PWR 323693	36.32 0.35 0.00	31.94 0.14 0.00	25.05 -0.01 0.00	21.06 0.02 0.00	23.43 0.18 0.00	29.00 0.65 0.00	29.38 0.35 0.00	31.99 0.46 0.00	28.75 0.30 0.00	28.47 0.60 0.00	25.72 0.75 0.00	27.28 0.59 0.00	27.82 0.48 0.00	32.02 0.76 0.00	30.74 0.68 0.00	34.82 0.75 -0.99	36.94 0.22 0.00	44.00 0.11 0.00	56.93 0.19 0.00	44.91 -0.14 0.00	30.96 -0.27 0.00	28.90 -0.27 0.00	25.50 -0.02 0.00	27.81 0.26 0.00
ESPRGFLD_115KV_TB1 80157	38.09 2.12 0.00	33.59 1.81 0.00	26.38 1.32 0.00	22.13 1.09 0.00	24.57 1.32 0.00	30.13 1.78 0.00	30.91 1.88 0.00	33.57 2.04 0.00	30.27 1.82 0.00	29.67 1.80 0.00	26.45 1.48 0.00	28.16 1.47 0.00	28.98 1.64 0.00	33.18 1.92 0.00	31.96 1.90 0.00	35.17 2.10 0.00	38.90 2.19 0.00	46.54 2.65 0.00	60.28 3.54 0.00	47.91 2.85 0.00	33.23 2.00 0.00	31.02 1.85 0.00	27.12 1.60 0.00	29.30 1.76 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.60 0.63 0.00	32.23 0.44 0.00	25.36 0.30 0.00	21.31 0.27 0.00	23.61 0.36 0.00	28.92 0.56 0.00	29.59 0.56 0.00	32.25 0.72 0.00	29.02 0.58 0.00	28.42 0.55 0.00	25.45 0.49 0.00	27.23 0.53 0.00	27.84 0.50 0.00	31.88 0.62 0.00	30.66 0.60 0.00	33.58 0.52 0.00	37.26 0.55 0.00	44.64 0.75 0.00	57.96 1.22 0.00	46.08 1.02 0.00	31.95 0.73 0.00	29.82 0.64 0.00	26.06 0.54 0.00	28.14 0.59 0.00
ETNA____115KV_TB2 80207	36.60 0.63 0.00	32.23 0.44 0.00	25.36 0.30 0.00	21.31 0.27 0.00	23.61 0.36 0.00	28.92 0.56 0.00	29.59 0.56 0.00	32.25 0.72 0.00	29.02 0.58 0.00	28.42 0.55 0.00	25.45 0.49 0.00	27.23 0.53 0.00	27.84 0.50 0.00	31.88 0.62 0.00	30.66 0.60 0.00	33.58 0.52 0.00	37.26 0.55 0.00	44.64 0.75 0.00	57.96 1.22 0.00	46.08 1.02 0.00	31.95 0.73 0.00	29.82 0.64 0.00	26.06 0.54 0.00	28.14 0.59 0.00
EUCLID____115KV_TB2 356179	35.52 -0.44 0.00	31.32 -0.46 0.00	24.66 -0.39 0.00	20.73 -0.31 0.00	22.92 -0.33 0.00	28.03 -0.32 0.00	28.69 -0.34 0.00	31.21 -0.32 0.00	28.15 -0.30 0.00	27.61 -0.26 0.00	24.73 -0.23 0.00	26.43 -0.27 0.00	27.05 -0.29 0.00	30.93 -0.33 0.00	29.72 -0.35 0.00	32.61 -0.45 0.00	36.16 -0.55 0.00	43.25 -0.64 0.00	55.94 -0.80 0.00	44.39 -0.67 0.00	30.76 -0.47 0.00	28.72 -0.45 0.00	25.15 -0.37 0.00	27.25 -0.30 0.00
E_CANADA_CAP_HY 24051	38.74 2.77 0.00	34.20 2.41 0.00	26.80 1.74 0.00	22.50 1.45 0.00	25.02 1.77 0.00	30.66 2.31 0.00	31.44 2.41 0.00	34.07 2.54 0.00	30.65 2.20 0.00	29.96 2.09 0.00	26.61 1.65 0.00	28.32 1.62 0.00	29.17 1.83 0.00	33.45 2.19 0.00	32.21 2.15 0.00	35.50 2.43 0.00	39.25 2.54 0.00	47.04 3.15 0.00	60.92 4.17 0.00	48.53 3.47 0.00	33.72 2.49 0.00	31.47 2.29 0.00	27.53 2.01 0.00	29.76 2.21 0.00
E_CANADA_MHWK_HY 24050	35.80 -0.16 0.00	31.52 -0.27 0.00	24.94 -0.12 0.00	20.93 -0.11 0.00	23.01 -0.24 0.00	27.98 -0.37 0.00	28.69 -0.34 0.00	31.13 -0.40 0.00	28.02 -0.43 0.00	27.39 -0.48 0.00	24.65 -0.31 0.00	26.65 -0.05 0.00	27.24 -0.10 0.00	31.11 -0.15 0.00	29.91 -0.16 0.00	32.67 -0.39 0.00	36.48 -0.23 0.00	43.78 -0.11 0.00	56.70 -0.04 0.00	45.40 0.34 0.00	31.57 0.34 0.00	29.39 0.21 0.00	25.53 0.01 0.00	27.41 -0.14 0.00
E_FISHKILL____LBMP 23776	37.37 1.40 0.00	32.90 1.11 0.00	25.99 0.94 0.00	21.77 0.72 0.00	23.98 0.74 0.00	29.16 0.82 0.00	29.98 0.95 0.00	32.56 1.03 0.00	29.61 1.16 0.00	29.19 1.32 0.00	26.27 1.31 0.00	28.18 1.49 0.00	28.81 1.48 0.00	32.94 1.68 0.00	31.78 1.71 0.00	35.08 2.01 0.00	38.94 2.23 0.00	46.53 2.64 0.00	60.09 3.35 0.00	47.57 2.52 0.00	32.89 1.66 0.00	30.67 1.49 0.00	26.76 1.23 0.00	28.72 1.17 0.00
FALCON____SEABRD_CC1 323796	37.11 1.15 0.00	33.00 1.21 0.00	26.00 0.95 0.00	21.95 0.90 0.00	24.34 1.09 0.00	29.71 1.36 0.00	30.44 1.41 0.00	33.03 1.50 0.00	81.32 1.49 -51.39	28.65 0.77 0.00	25.35 0.39 0.00	27.02 0.33 0.00	27.89 0.55 0.00	31.85 0.60 0.00	30.52 0.45 0.00	33.58 0.52 0.00	37.53 0.82 0.00	44.97 1.08 0.00	58.43 1.69 0.00	46.83 1.78 0.00	32.49 1.26 0.00	30.49 1.31 0.00	26.61 1.09 0.00	28.58 1.03 0.00
FALCON____SEABRD_CC2 323797	37.11 1.15 0.00	33.00 1.21 0.00	26.00 0.95 0.00	21.95 0.90 0.00	24.34 1.09 0.00	29.71 1.36 0.00	30.44 1.41 0.00	33.03 1.50 0.00	81.32 1.49 -51.39	28.65 0.77 0.00	25.35 0.39 0.00	27.02 0.33 0.00	27.89 0.55 0.00	31.85 0.60 0.00	30.52 0.45 0.00	33.58 0.52 0.00	37.53 0.82 0.00	44.97 1.08 0.00	58.43 1.69 0.00	46.83 1.78 0.00	32.49 1.26 0.00	30.49 1.31 0.00	26.61 1.09 0.00	28.58 1.03 0.00
FAR ROCKAWAY____4 23548	45.49 2.86 -6.66	34.13 2.34 0.00	29.41 1.92 -2.44	22.56 1.51 0.00	24.77 1.52 0.00	30.11 1.76 0.00	30.78 1.75 0.00	33.53 2.00 0.00	30.64 2.19 0.00	30.23 2.35 0.00	29.67 2.30 -2.41	29.33 2.57 -0.07	29.86 2.52 0.00	34.14 2.81 -0.07	35.11 2.93 -2.11	39.95 3.40 -3.48	60.68 3.82 -20.14	55.77 4.45 -7.43	82.01 5.60 -19.66	49.66 4.21 -0.39	47.55 2.88 -13.44	90.03 2.60 -58.25	27.79 2.27 0.00	29.74 2.20 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	37.68 1.72 0.00	33.14 1.35 0.00	26.21 1.15 0.00	21.97 0.92 0.00	24.18 0.94 0.00	29.36 1.01 0.00	30.21 1.17 0.00	32.83 1.31 0.00	29.96 1.52 0.00	29.61 1.74 0.00	26.70 1.74 0.00	28.65 1.96 0.00	29.23 1.90 0.00	33.42 2.16 0.00	32.29 2.22 0.00	35.70 2.63 0.00	39.59 2.87 0.00	47.23 3.34 0.00	60.96 4.22 0.00	48.16 3.10 0.00	33.28 2.06 0.00	31.04 1.87 0.00	27.10 1.58 0.00	29.03 1.49 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	37.71 1.75 0.00	33.16 1.37 0.00	26.23 1.17 0.00	21.98 0.94 0.00	24.20 0.95 0.00	29.39 1.04 0.00	30.23 1.20 0.00	32.85 1.32 0.00	29.97 1.53 0.00	29.62 1.75 0.00	26.71 1.75 0.00	28.66 1.97 0.00	29.25 1.91 0.00	33.44 2.18 0.00	32.30 2.24 0.00	35.71 2.64 0.00	39.60 2.89 0.00	47.26 3.37 0.00	60.99 4.25 0.00	48.19 3.13 0.00	33.30 2.07 0.00	31.06 1.89 0.00	27.12 1.60 0.00	29.06 1.51 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.66 1.70 0.00	33.12 1.32 0.00	26.20 1.14 0.00	21.95 0.91 0.00	24.16 0.92 0.00	29.35 1.00 0.00	30.20 1.16 0.00	32.82 1.28 0.00	29.95 1.50 0.00	29.59 1.72 0.00	26.69 1.73 0.00	28.63 1.94 0.00	29.22 1.88 0.00	33.40 2.14 0.00	32.27 2.20 0.00	35.67 2.60 0.00	39.56 2.85 0.00	47.22 3.33 0.00	60.92 4.18 0.00	48.13 3.07 0.00	33.25 2.03 0.00	31.03 1.85 0.00	27.07 1.55 0.00	29.01 1.47 0.00

FARRAGUT___LBMP 323566	37.63 1.67 0.00	33.09 1.30 0.00	26.18 1.12 0.00	21.94 0.90 0.00	24.15 0.90 0.00	29.33 0.98 0.00	30.16 1.13 0.00	32.78 1.25 0.00	29.91 1.47 0.00	29.56 1.68 0.00	26.65 1.69 0.00	28.60 1.91 0.00	29.18 1.84 0.00	33.36 2.10 0.00	32.23 2.16 0.00	35.63 2.56 0.00	39.51 2.80 0.00	47.15 3.26 0.00	60.85 4.10 0.00	48.08 3.02 0.00	33.22 2.00 0.00	31.00 1.82 0.00	27.05 1.53 0.00	28.99 1.44 0.00
FENNER___WINDPWR 24204	36.57 0.61 0.00	32.24 0.45 0.00	25.44 0.38 0.00	21.36 0.32 0.00	23.58 0.33 0.00	28.85 0.50 0.00	29.55 0.52 0.00	32.13 0.60 0.00	28.93 0.49 0.00	28.34 0.46 0.00	25.41 0.44 0.00	27.18 0.49 0.00	27.86 0.52 0.00	31.88 0.62 0.00	30.63 0.57 0.00	33.61 0.54 0.00	37.23 0.52 0.00	44.60 0.71 0.00	57.76 1.02 0.00	45.93 0.87 0.00	31.88 0.65 0.00	29.74 0.57 0.00	25.98 0.46 0.00	28.05 0.50 0.00
FIBERTEK___ENERGY 23856	35.87 -0.09 0.00	31.63 -0.17 0.00	24.91 -0.15 0.00	20.96 -0.08 0.00	23.16 -0.09 0.00	28.32 -0.03 0.00	28.99 -0.04 0.00	31.56 0.03 0.00	28.45 0.01 0.00	27.91 0.03 0.00	25.02 0.06 0.00	26.75 0.06 0.00	27.38 0.04 0.00	31.30 0.04 0.00	30.09 0.03 0.00	33.01 -0.06 0.00	36.59 -0.12 0.00	43.78 -0.11 0.00	56.66 -0.08 0.00	44.96 -0.09 0.00	31.15 -0.07 0.00	29.08 -0.10 0.00	25.44 -0.08 0.00	27.55 0.00 0.00
FITZPATRICK____ 23598	34.99 -0.97 0.00	30.88 -0.91 0.00	24.33 -0.73 0.00	20.44 -0.60 0.00	22.60 -0.65 0.00	27.61 -0.74 0.00	28.26 -0.77 0.00	30.72 -0.81 0.00	27.71 -0.73 0.00	27.15 -0.72 0.00	24.30 -0.66 0.00	25.95 -0.74 0.00	26.58 -0.77 0.00	30.38 -0.88 0.00	29.21 -0.85 0.00	32.06 -1.01 0.00	35.55 -1.16 0.00	42.52 -1.37 0.00	54.99 -1.75 0.00	43.64 -1.41 0.00	30.26 -0.96 0.00	28.27 -0.91 0.00	24.74 -0.78 0.00	26.83 -0.72 0.00
FLOWRFLD_69_KV_BK1 356044	45.94 3.31 -6.66	34.64 2.84 -0.01	131.35 2.31 -103.98	22.82 1.77 0.00	25.15 1.91 0.00	30.43 2.08 0.00	30.94 1.90 0.00	33.79 2.25 0.00	30.97 2.52 0.00	30.54 2.67 0.00	29.87 2.51 -2.41	29.47 2.71 -0.07	29.93 2.59 0.00	34.33 3.00 -0.07	35.37 3.19 -2.11	40.50 3.95 -3.48	61.29 4.43 -20.16	56.39 5.06 -7.43	82.97 6.56 -19.66	50.32 4.87 -0.39	48.07 3.39 -13.44	90.46 3.03 -58.25	27.90 2.38 0.00	29.83 2.28 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.84 1.88 0.00	33.29 1.50 0.00	26.28 1.22 0.00	22.00 0.96 0.00	24.25 1.01 0.00	29.51 1.16 0.00	30.34 1.31 0.00	32.98 1.45 0.00	30.05 1.60 0.00	29.56 1.69 0.00	26.61 1.64 0.00	28.55 1.86 0.00	29.21 1.88 0.00	33.43 2.17 0.00	32.26 2.20 0.00	35.64 2.57 0.00	39.56 2.85 0.00	47.29 3.40 0.00	61.11 4.37 0.00	48.35 3.29 0.00	33.41 2.18 0.00	31.13 1.95 0.00	27.13 1.60 0.00	29.09 1.55 0.00
FORT ORANGE____ 23900	36.75 0.78 0.00	32.47 0.67 0.00	25.61 0.55 0.00	21.51 0.47 0.00	23.73 0.48 0.00	28.79 0.44 0.00	29.56 0.53 0.00	32.05 0.52 0.00	28.95 0.50 0.00	28.40 0.52 0.00	25.44 0.47 0.00	27.29 0.60 0.00	27.99 0.66 0.00	31.97 0.71 0.00	30.76 0.69 0.00	33.81 0.74 0.00	37.62 0.91 0.00	45.03 1.14 0.00	58.28 1.54 0.00	46.48 1.43 0.00	32.19 0.96 0.00	30.00 0.82 0.00	26.15 0.63 0.00	28.15 0.60 0.00
FORT_DRUM_COGEN 23780	36.87 0.91 0.00	32.51 0.72 0.00	25.62 0.56 0.00	21.50 0.46 0.00	23.74 0.50 0.00	29.10 0.75 0.00	29.82 0.79 0.00	32.37 0.84 0.00	26.76 0.41 2.10	28.14 0.27 0.00	25.17 0.21 0.00	26.64 -0.05 0.00	27.34 0.00 0.00	31.42 0.16 0.00	29.97 -0.09 0.00	33.23 0.16 0.00	36.37 -0.34 0.00	43.75 -0.14 0.00	57.24 0.50 0.00	45.64 0.59 0.00	32.02 0.79 0.00	29.70 0.53 0.00	25.87 0.35 0.00	27.97 0.42 0.00
FPL_FAR_ROCK_GT1 24212	45.49 2.86 -6.67	34.14 2.34 0.00	29.40 1.91 -2.44	22.56 1.51 0.00	24.76 1.52 0.00	30.11 1.76 0.00	30.78 1.75 0.00	33.53 2.00 0.00	30.64 2.19 0.00	30.23 2.35 0.00	29.67 2.30 -2.41	29.34 2.57 -0.08	29.86 2.52 0.00	34.15 2.81 -0.07	35.11 2.93 -2.12	39.96 3.40 -3.49	60.68 3.82 -20.14	55.77 4.45 -7.43	82.01 5.60 -19.66	49.66 4.20 -0.40	47.55 2.88 -13.44	90.03 2.60 -58.25	27.79 2.27 0.00	29.74 2.19 0.00
FPL_FAR_ROCK_GT2 23815	45.49 2.86 -6.67	34.14 2.34 0.00	29.40 1.91 -2.44	22.56 1.51 0.00	24.76 1.52 0.00	30.11 1.76 0.00	30.78 1.75 0.00	33.53 2.00 0.00	30.64 2.19 0.00	30.23 2.35 0.00	29.67 2.30 -2.41	29.34 2.57 -0.08	29.86 2.52 0.00	34.15 2.81 -0.07	35.11 2.93 -2.12	39.96 3.40 -3.49	60.68 3.82 -20.14	55.77 4.45 -7.43	82.01 5.60 -19.66	49.66 4.20 -0.40	47.55 2.88 -13.44	90.03 2.60 -58.25	27.79 2.27 0.00	29.74 2.19 0.00
FRANKLIN_FALL_HYD 24054	36.68 0.72 0.00	32.59 0.80 0.00	25.70 0.64 0.00	21.60 0.56 0.00	23.86 0.62 0.00	29.12 0.77 0.00	29.82 0.79 0.00	32.34 0.81 0.00	-5.01 0.82 34.27	28.15 0.28 0.00	25.02 0.05 0.00	26.64 -0.05 0.00	27.45 0.11 0.00	31.34 0.08 0.00	30.05 -0.02 0.00	33.07 0.00 0.00	36.91 0.19 0.00	44.22 0.33 0.00	57.43 0.69 0.00	45.93 0.87 0.00	31.89 0.66 0.00	29.89 0.71 0.00	26.18 0.66 0.00	28.16 0.61 0.00
FREEPORT_EQUS_GT1 23764	45.10 2.47 -6.67	33.91 2.12 0.00	29.23 1.73 -2.44	22.41 1.36 0.00	24.62 1.37 0.00	29.90 1.55 0.00	30.57 1.54 0.00	33.31 1.78 0.00	30.46 2.02 0.00	30.04 2.17 0.00	29.58 2.21 -2.41	29.23 2.46 -0.08	29.73 2.39 0.00	33.89 2.56 -0.07	34.89 2.71 -2.12	39.72 3.17 -3.49	60.42 3.56 -20.14	55.49 4.17 -7.43	81.71 5.30 -19.66	49.41 3.96 -0.40	47.37 2.70 -13.44	89.86 2.44 -58.25	27.58 2.06 0.00	29.41 1.86 0.00
FREEPORT___CT2 23818	45.10 2.47 -6.67	33.91 2.12 0.00	29.23 1.73 -2.44	22.41 1.36 0.00	24.62 1.37 0.00	29.90 1.55 0.00	30.57 1.54 0.00	33.31 1.78 0.00	30.46 2.02 0.00	30.04 2.17 0.00	29.58 2.21 -2.41	29.23 2.46 -0.08	29.73 2.39 0.00	33.89 2.56 -0.07	34.89 2.71 -2.12	39.72 3.17 -3.49	60.42 3.56 -20.14	55.49 4.17 -7.43	81.71 5.30 -19.66	49.41 3.96 -0.40	47.37 2.70 -13.44	89.86 2.44 -58.25	27.58 2.06 0.00	29.41 1.86 0.00
FRESHKLS_33_KV_LOAD 356253	37.58 1.62 0.00	33.04 1.25 0.00	26.24 1.19 0.00	21.99 0.95 0.00	24.21 0.96 0.00	29.38 1.03 0.00	30.21 1.18 0.00	32.44 1.12 0.21	29.85 1.43 0.02	29.47 1.60 0.00	26.58 1.62 0.00	28.15 1.82 0.36	29.08 1.74 0.00	31.16 2.01 2.10	29.72 2.08 2.43	30.07 2.51 5.52	30.11 2.73 9.34	45.24 3.22 1.87	60.96 4.22 0.00	48.22 3.16 0.00	33.33 2.10 0.00	31.11 1.93 0.00	27.15 1.63 0.00	29.05 1.51 0.00
FULTON COGEN____ 23766	35.38 -0.58 0.00	31.21 -0.58 0.00	24.57 -0.49 0.00	20.68 -0.37 0.00	22.88 -0.36 0.00	28.00 -0.35 0.00	28.65 -0.38 0.00	31.16 -0.37 0.00	28.08 -0.36 0.00	27.52 -0.35 0.00	24.63 -0.33 0.00	26.32 -0.38 0.00	26.96 -0.38 0.00	30.82 -0.43 0.00	29.58 -0.49 0.00	32.47 -0.60 0.00	36.00 -0.71 0.00	43.06 -0.83 0.00	55.72 -1.02 0.00	44.27 -0.79 0.00	30.70 -0.52 0.00	28.68 -0.50 0.00	25.11 -0.41 0.00	27.21 -0.34 0.00

FULTON___LFGE 323630	40.03 4.06 0.00	35.24 3.45 0.00	27.91 2.85 0.00	23.43 2.39 0.00	25.80 2.55 0.00	31.61 3.26 0.00	32.36 3.33 0.00	34.61 3.08 0.00	30.88 2.43 0.00	30.09 2.22 0.00	26.33 1.37 0.00	28.71 2.01 0.00	29.94 2.60 0.00	34.47 3.22 0.00	32.57 2.51 0.00	35.97 2.90 0.00	39.59 2.88 0.00	47.81 3.92 0.00	62.55 5.81 0.00	50.82 5.77 0.00	35.28 4.05 0.00	32.82 3.64 0.00	28.60 3.08 0.00	30.93 3.38 0.00
G.F.CEMENT___DRP 24184	37.70 1.74 0.00	33.25 1.46 0.00	26.11 1.05 0.00	21.88 0.83 0.00	24.18 0.93 0.00	29.36 1.01 0.00	30.19 1.16 0.00	32.78 1.25 0.00	29.58 1.14 0.00	28.97 1.10 0.00	25.75 0.79 0.00	27.65 0.96 0.00	28.47 1.13 0.00	32.43 1.17 0.00	31.05 0.99 0.00	34.24 1.17 0.00	38.12 1.41 0.00	45.84 1.95 0.00	59.56 2.81 0.00	47.75 2.70 0.00	33.09 1.86 0.00	30.94 1.76 0.00	26.96 1.44 0.00	29.00 1.46 0.00
GARDENVILLE___LBMP 24039	36.22 0.26 0.00	31.85 0.06 0.00	24.93 -0.12 0.00	20.99 -0.05 0.00	23.36 0.12 0.00	28.92 0.57 0.00	29.31 0.27 0.00	31.89 0.36 0.00	28.67 0.23 0.00	28.39 0.53 0.00	25.63 0.67 0.00	27.18 0.49 0.00	27.72 0.38 0.00	31.91 0.65 0.00	30.64 0.57 0.00	34.63 0.64 -0.93	36.80 0.09 0.00	43.86 -0.03 0.00	56.74 0.00 0.00	44.75 -0.30 0.00	30.86 -0.37 0.00	28.81 -0.37 0.00	25.43 -0.09 0.00	27.72 0.17 0.00
GARDNVLA_35_KV_LD 355827	36.37 0.40 0.00	31.98 0.18 0.00	25.03 -0.03 0.00	21.07 0.03 0.00	23.45 0.20 0.00	29.03 0.68 0.00	29.41 0.37 0.00	32.02 0.49 0.00	28.79 0.35 0.00	28.51 0.64 0.00	25.75 0.78 0.00	27.32 0.63 0.00	27.87 0.53 0.00	32.08 0.82 0.00	30.81 0.74 0.00	34.92 0.84 -1.01	37.03 0.31 0.00	44.12 0.23 0.00	57.08 0.34 0.00	45.02 -0.04 0.00	31.02 -0.21 0.00	28.96 -0.21 0.00	25.54 0.02 0.00	27.84 0.29 0.00
GELCKHM___115KV_LOAD 80723	35.66 -0.30 0.00	31.45 -0.35 0.00	24.76 -0.30 0.00	20.81 -0.23 0.00	23.01 -0.24 0.00	28.14 -0.21 0.00	28.80 -0.23 0.00	31.34 -0.19 0.00	28.26 -0.19 0.00	27.71 -0.16 0.00	24.83 -0.13 0.00	26.54 -0.15 0.00	27.17 -0.17 0.00	31.05 -0.20 0.00	29.86 -0.21 0.00	32.77 -0.30 0.00	36.34 -0.38 0.00	43.46 -0.43 0.00	56.22 -0.52 0.00	44.62 -0.43 0.00	30.91 -0.32 0.00	28.87 -0.31 0.00	25.26 -0.26 0.00	27.35 -0.19 0.00
GENERAL___MILLS 23808	36.30 0.34 0.00	31.92 0.12 0.00	24.99 -0.07 0.00	21.04 -0.01 0.00	23.41 0.16 0.00	28.98 0.63 0.00	29.36 0.33 0.00	31.96 0.43 0.00	28.73 0.29 0.00	28.45 0.58 0.00	25.69 0.73 0.00	27.25 0.56 0.00	27.80 0.46 0.00	31.99 0.73 0.00	30.72 0.65 -0.99	34.79 0.73 0.00	36.90 0.19 0.00	43.97 0.08 0.00	56.90 0.16 0.00	44.88 -0.17 0.00	30.93 -0.30 0.00	28.88 -0.30 0.00	25.48 -0.04 0.00	27.78 0.23 0.00
GE_PLASTICS___DRP 24183	36.71 0.74 0.00	32.42 0.63 0.00	25.59 0.53 0.00	21.48 0.44 0.00	23.70 0.45 0.00	28.78 0.43 0.00	29.53 0.50 0.00	32.03 0.50 0.00	28.96 0.51 0.00	28.43 0.56 0.00	25.50 0.53 0.00	27.34 0.65 0.00	28.03 0.69 0.00	32.02 0.76 0.00	30.81 0.74 0.00	33.88 0.82 0.00	37.66 0.95 0.00	45.05 1.16 0.00	58.26 1.52 0.00	46.38 1.33 0.00	32.11 0.88 0.00	29.95 0.77 0.00	26.12 0.60 0.00	28.13 0.58 0.00
GILBOA___1 23756	36.81 0.84 0.00	32.47 0.68 0.00	25.61 0.55 0.00	21.49 0.45 0.00	23.72 0.47 0.00	28.86 0.51 0.00	29.62 0.58 0.00	32.16 0.63 0.00	29.11 0.66 0.00	28.63 0.76 0.00	25.70 0.73 0.00	27.54 0.85 0.00	28.20 0.86 0.00	32.23 0.98 0.00	31.03 0.97 0.00	34.17 1.10 0.00	37.92 1.21 0.00	45.26 1.37 0.00	58.50 1.76 0.00	46.52 1.47 0.00	32.23 1.00 0.00	30.07 0.89 0.00	26.25 0.73 0.00	28.27 0.72 0.00
GILBOA___2 23757	36.81 0.84 0.00	32.47 0.68 0.00	25.61 0.55 0.00	21.49 0.45 0.00	23.72 0.47 0.00	28.86 0.51 0.00	29.62 0.58 0.00	32.16 0.63 0.00	29.11 0.66 0.00	28.63 0.76 0.00	25.70 0.73 0.00	27.54 0.85 0.00	28.20 0.86 0.00	32.23 0.98 0.00	31.03 0.97 0.00	34.17 1.10 0.00	37.92 1.21 0.00	45.26 1.37 0.00	58.50 1.76 0.00	46.52 1.47 0.00	32.23 1.00 0.00	30.07 0.89 0.00	26.25 0.73 0.00	28.27 0.72 0.00
GILBOA___3 23758	36.81 0.84 0.00	32.47 0.68 0.00	25.61 0.55 0.00	21.49 0.45 0.00	23.72 0.47 0.00	28.86 0.51 0.00	29.62 0.58 0.00	32.16 0.63 0.00	29.11 0.66 0.00	28.63 0.76 0.00	25.70 0.73 0.00	27.54 0.85 0.00	28.20 0.86 0.00	32.23 0.98 0.00	31.03 0.97 0.00	34.17 1.10 0.00	37.92 1.21 0.00	45.26 1.37 0.00	58.50 1.76 0.00	46.52 1.47 0.00	32.23 1.00 0.00	30.07 0.89 0.00	26.25 0.73 0.00	28.27 0.72 0.00
GILBOA___4 23759	36.81 0.84 0.00	32.47 0.68 0.00	25.61 0.55 0.00	21.49 0.45 0.00	23.72 0.47 0.00	28.86 0.51 0.00	29.62 0.58 0.00	32.16 0.63 0.00	29.11 0.66 0.00	28.63 0.76 0.00	25.70 0.73 0.00	27.54 0.85 0.00	28.20 0.86 0.00	32.23 0.98 0.00	31.03 0.97 0.00	34.17 1.10 0.00	37.92 1.21 0.00	45.26 1.37 0.00	58.50 1.76 0.00	46.52 1.47 0.00	32.23 1.00 0.00	30.07 0.89 0.00	26.25 0.73 0.00	28.27 0.72 0.00
GILBOA___ 23599	36.81 0.84 0.00	32.47 0.68 0.00	25.62 0.56 0.00	21.49 0.45 0.00	23.72 0.47 0.00	28.86 0.51 0.00	29.62 0.59 0.00	32.16 0.63 0.00	29.11 0.66 0.00	28.63 0.76 0.00	25.70 0.74 0.00	27.54 0.85 0.00	28.20 0.86 0.00	32.23 0.97 0.00	31.03 0.97 0.00	34.17 1.10 0.00	37.93 1.21 0.00	45.26 1.37 0.00	58.50 1.76 0.00	46.53 1.47 0.00	32.23 1.00 0.00	30.07 0.89 0.00	26.25 0.73 0.00	28.27 0.72 0.00
GINNA___ 23603	34.48 -1.48 0.00	30.35 -1.44 0.00	23.84 -1.21 0.00	20.04 -1.01 0.00	22.22 -1.02 0.00	27.35 -1.00 0.00	27.89 -1.14 0.00	30.37 -1.16 0.00	27.37 -1.08 0.00	26.96 -0.91 0.00	24.24 -0.72 0.00	25.81 -0.88 0.00	26.40 -0.94 0.00	30.24 -1.02 0.00	29.08 -0.98 0.00	31.48 -1.59 0.00	35.15 -1.56 0.00	42.09 -1.80 0.00	54.56 -2.18 0.00	43.20 -1.86 0.00	29.82 -1.41 0.00	27.78 -1.39 0.00	24.35 -1.18 0.00	26.43 -1.12 0.00
GLEN PARK___ 23778	37.05 1.08 0.00	32.65 0.86 0.00	25.74 0.68 0.00	21.59 0.55 0.00	23.84 0.59 0.00	29.23 0.88 0.00	29.96 0.93 0.00	32.52 0.99 0.00	26.97 0.52 1.99	28.24 0.37 0.00	25.27 0.31 0.00	26.70 0.01 0.00	27.40 0.06 0.00	31.52 0.26 0.00	30.03 -0.04 0.00	33.34 0.27 0.00	36.46 -0.25 0.00	43.83 -0.06 0.00	57.47 0.72 0.00	45.82 0.77 0.00	32.23 1.00 0.00	29.90 0.72 0.00	26.03 0.51 0.00	28.12 0.57 0.00
GLENDALE_27_KV_LOAD 356172	37.87 1.91 0.00	33.30 1.51 0.00	26.34 1.29 0.00	22.07 1.02 0.00	24.30 1.05 0.00	29.52 1.17 0.00	30.39 1.36 0.00	33.03 1.50 0.00	30.16 1.72 0.00	29.78 1.91 0.00	26.86 1.90 0.00	28.82 2.13 0.00	29.41 2.08 0.00	33.63 2.37 0.00	32.48 2.42 0.00	35.92 2.85 0.00	39.81 3.10 0.00	47.52 3.63 0.00	61.28 4.54 0.00	48.43 3.37 0.00	33.49 2.26 0.00	31.25 2.07 0.00	27.28 1.76 0.00	29.22 1.67 0.00

GLENWOOD_IC_1_G5 23712	44.83 2.20 -6.66	33.57 1.78 0.00	28.96 1.47 -2.44	22.20 1.16 0.00	24.42 1.18 0.00	29.68 1.33 0.00	30.43 1.40 0.00	33.12 1.59 0.00	30.24 1.79 0.00	29.86 1.99 0.00	29.40 2.03 -2.41	29.04 2.28 -0.07	29.58 2.24 0.00	33.76 2.43 -0.07	34.63 2.45 -2.11	39.41 2.86 -3.48	59.98 3.12 -20.14	54.98 3.66 -7.43	81.02 4.62 -19.66	48.87 3.42 -0.39	46.97 2.30 -13.44	89.54 2.11 -58.25	27.35 1.83 0.00	29.29 1.74 0.00
GLENWOOD_IC_2_G1 23688	44.60 1.97 -6.67	33.38 1.59 0.00	28.80 1.30 -2.44	22.08 1.03 0.00	24.30 1.05 0.00	29.53 1.18 0.00	30.30 1.27 0.00	32.97 1.44 0.00	30.07 1.63 0.00	29.68 1.81 0.00	29.20 1.83 -2.41	28.83 2.06 -0.08	29.36 2.02 0.00	33.60 2.27 -0.07	34.52 2.34 -2.12	39.30 2.75 -3.49	59.89 3.03 -20.14	54.87 3.55 -7.43	80.91 4.50 -19.66	48.81 3.36 -0.40	46.91 2.24 -13.44	89.45 2.02 -58.25	27.20 1.67 0.00	29.14 1.59 0.00
GLENWOOD_IC_3_G1 23689	44.60 1.97 -6.67	33.38 1.59 0.00	28.80 1.30 -2.44	22.08 1.03 0.00	24.30 1.05 0.00	29.53 1.18 0.00	30.30 1.27 0.00	32.97 1.44 0.00	30.07 1.63 0.00	29.68 1.81 0.00	29.20 1.83 -2.41	28.83 2.06 -0.08	29.36 2.02 0.00	33.60 2.27 -0.07	34.52 2.34 -2.12	39.30 2.75 -3.49	59.89 3.03 -20.14	54.87 3.55 -7.43	80.91 4.50 -19.66	48.81 3.36 -0.40	46.91 2.24 -13.44	89.45 2.02 -58.25	27.20 1.67 0.00	29.14 1.59 0.00
GLENWOOD___4 23550	44.83 2.20 -6.66	33.57 1.78 0.00	28.96 1.47 -2.44	22.20 1.16 0.00	24.42 1.18 0.00	29.68 1.33 0.00	30.43 1.40 0.00	33.12 1.59 0.00	30.24 1.79 0.00	29.86 1.99 0.00	29.40 2.03 -2.41	29.04 2.28 -0.07	29.58 2.24 0.00	33.79 2.46 -0.07	34.69 2.51 -2.11	39.48 2.93 -3.48	60.08 3.23 -20.14	55.09 3.77 -7.43	81.18 4.77 -19.66	48.99 3.54 -0.39	47.04 2.37 -13.44	89.59 2.16 -58.25	27.35 1.83 0.00	29.29 1.74 0.00
GLENWOOD___5 23614	44.83 2.20 -6.66	33.57 1.78 0.00	28.96 1.47 -2.44	22.20 1.16 0.00	24.42 1.18 0.00	29.68 1.33 0.00	30.43 1.40 0.00	33.12 1.59 0.00	30.24 1.79 0.00	29.86 1.99 0.00	29.40 2.03 -2.41	29.04 2.28 -0.07	29.58 2.24 0.00	33.79 2.46 -0.07	34.69 2.51 -2.11	39.48 2.93 -3.48	60.08 3.23 -20.14	55.09 3.77 -7.43	81.18 4.77 -19.66	48.99 3.54 -0.39	47.04 2.37 -13.44	89.59 2.16 -58.25	27.35 1.83 0.00	29.29 1.74 0.00
GLOBAL GREEN_PORT_GT1 23814	47.40 4.77 -6.67	35.97 4.17 -0.01	157.17 3.34 -128.77	23.68 2.64 0.00	26.17 2.93 0.00	31.54 3.19 0.00	31.80 2.77 0.00	34.86 3.33 0.00	32.05 3.60 0.00	31.69 3.82 0.00	30.92 3.54 -2.41	30.59 3.82 -0.08	31.03 3.69 0.00	35.78 4.44 -0.07	36.76 4.58 -2.12	41.96 5.41 -3.49	62.93 6.07 -20.16	58.53 7.20 -7.43	85.78 9.37 -19.67	52.45 6.99 -0.40	49.54 4.87 -13.44	91.67 4.25 -58.25	28.76 3.24 0.00	30.77 3.22 0.00
GLOBE___DSASP 323697	35.31 -0.66 0.00	31.09 -0.70 0.00	24.36 -0.70 0.00	20.52 -0.52 0.00	22.83 -0.42 0.00	28.28 -0.07 0.00	28.56 -0.47 0.00	30.89 -0.64 0.00	27.73 -0.72 0.00	27.52 -0.35 0.00	24.88 -0.08 0.00	26.34 -0.35 0.00	26.86 -0.48 0.00	30.90 -0.36 0.00	29.66 -0.41 0.00	33.41 -0.64 -0.98	35.26 -1.45 0.00	41.97 -1.92 0.00	54.30 -2.44 0.00	42.93 -2.13 0.00	29.61 -1.61 0.00	27.64 -1.54 0.00	24.46 -1.06 0.00	26.79 -0.76 0.00
GOETHSLN___LBMP 323567	37.41 1.45 0.00	32.89 1.10 0.00	26.05 1.00 0.00	21.84 0.80 0.00	24.04 0.80 0.00	29.18 0.83 0.00	30.01 0.97 0.00	32.35 1.03 0.21	29.68 1.27 0.03	29.36 1.49 0.00	26.51 1.54 0.00	28.45 1.76 0.00	29.03 1.70 0.00	33.20 1.94 0.00	32.06 2.00 0.00	35.44 2.37 0.00	39.29 2.58 0.00	46.89 3.00 0.00	60.51 3.77 0.00	47.79 2.74 0.00	33.03 1.81 0.00	30.82 1.64 0.00	26.90 1.38 0.00	28.85 1.30 0.00
GOLAH___69_KV_TB 1_2 80279	36.45 0.49 0.00	32.11 0.32 0.00	25.20 0.15 0.00	21.17 0.12 0.00	23.53 0.28 0.00	29.06 0.71 0.00	29.60 0.57 0.00	32.12 0.59 0.00	28.85 0.40 0.00	28.42 0.55 0.00	25.64 0.68 0.00	27.21 0.52 0.00	27.84 0.50 0.00	31.92 0.66 0.00	30.69 0.63 0.00	39.35 0.51 -5.77	36.90 0.19 0.00	44.12 0.23 0.00	57.17 0.43 0.00	45.32 0.27 0.00	31.27 0.05 0.00	29.16 -0.02 0.00	25.62 0.10 0.00	27.90 0.35 0.00
GOODYEAR_LAKE_HYD 323669	37.34 1.38 0.00	32.90 1.11 0.00	25.89 0.84 0.00	21.73 0.68 0.00	24.05 0.80 0.00	29.42 1.07 0.00	30.20 1.17 0.00	32.81 1.29 0.00	29.65 1.21 0.00	29.13 1.26 0.00	26.08 1.12 0.00	27.87 1.17 0.00	28.58 1.24 0.00	32.71 1.45 0.00	31.50 1.44 0.00	34.67 1.60 0.00	38.41 1.70 0.00	45.91 2.02 0.00	59.44 2.70 0.00	47.20 2.15 0.00	32.68 1.45 0.00	30.50 1.32 0.00	26.63 1.11 0.00	28.71 1.16 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	36.29 0.32 0.00	31.94 0.15 0.00	25.12 0.06 0.00	21.10 0.06 0.00	23.38 0.13 0.00	28.67 0.32 0.00	29.31 0.28 0.00	31.96 0.43 0.00	28.82 0.37 0.00	28.38 0.50 0.00	25.44 0.48 0.00	27.16 0.47 0.00	27.79 0.45 0.00	31.82 0.56 0.00	30.59 0.52 0.00	33.67 0.60 0.00	37.31 0.60 0.00	44.57 0.68 0.00	57.65 0.91 0.00	45.64 0.58 0.00	31.56 0.34 0.00	29.52 0.34 0.00	25.83 0.31 0.00	27.90 0.35 0.00
GOUDEY___7 23579	36.31 0.35 0.00	31.97 0.18 0.00	25.14 0.08 0.00	21.12 0.07 0.00	23.40 0.15 0.00	28.69 0.34 0.00	29.34 0.31 0.00	31.99 0.46 0.00	28.84 0.39 0.00	28.40 0.53 0.00	25.47 0.50 0.00	27.19 0.50 0.00	27.82 0.48 0.00	31.85 0.59 0.00	30.62 0.56 0.00	33.71 0.64 0.00	37.34 0.63 0.00	44.62 0.72 0.00	57.72 0.98 0.00	45.68 0.63 0.00	31.59 0.37 0.00	29.54 0.36 0.00	25.85 0.33 0.00	27.93 0.38 0.00
GOUDEY___8 23580	36.29 0.32 0.00	31.94 0.15 0.00	25.12 0.06 0.00	21.10 0.06 0.00	23.38 0.13 0.00	28.67 0.32 0.00	29.31 0.28 0.00	31.96 0.43 0.00	28.82 0.37 0.00	28.38 0.50 0.00	25.44 0.48 0.00	27.16 0.47 0.00	27.79 0.45 0.00	31.82 0.56 0.00	30.59 0.52 0.00	33.67 0.60 0.00	37.31 0.60 0.00	44.57 0.68 0.00	57.65 0.91 0.00	45.64 0.58 0.00	31.56 0.34 0.00	29.52 0.34 0.00	25.83 0.31 0.00	27.90 0.35 0.00
GOWANUS_GT1_1 24077	37.80 1.84 0.00	33.22 1.43 0.00	26.32 1.26 0.00	22.04 1.00 0.00	24.26 1.01 0.00	29.46 1.11 0.00	30.31 1.28 0.00	32.88 1.35 0.00	30.02 1.58 0.00	29.65 1.77 0.00	26.75 1.79 0.00	28.71 2.01 0.00	29.30 1.96 0.00	33.52 2.26 0.00	32.39 2.33 0.00	35.81 2.75 0.00	39.68 2.97 0.00	47.37 3.47 0.00	61.14 4.40 0.00	48.33 3.27 0.00	33.45 2.22 0.00	31.21 2.03 0.00	27.25 1.72 0.00	29.18 1.63 0.00
GOWANUS_GT1_2 24078	37.80 1.84 0.00	33.22 1.43 0.00	26.32 1.26 0.00	22.04 1.00 0.00	24.26 1.01 0.00	29.46 1.11 0.00	30.31 1.28 0.00	32.88 1.35 0.00	30.02 1.58 0.00	29.65 1.77 0.00	26.75 1.79 0.00	28.71 2.01 0.00	29.30 1.96 0.00	33.52 2.26 0.00	32.39 2.33 0.00	35.81 2.75 0.00	39.68 2.97 0.00	47.37 3.47 0.00	61.14 4.40 0.00	48.33 3.27 0.00	33.45 2.22 0.00	31.21 2.03 0.00	27.25 1.72 0.00	29.18 1.63 0.00

GREENBSH_115KV_TB3 55895	36.54 0.57 0.00	32.28 0.49 0.00	25.48 0.42 0.00	21.40 0.36 0.00	23.60 0.35 0.00	28.63 0.28 0.00	29.38 0.35 0.00	31.87 0.33 0.00	28.81 0.36 0.00	28.28 0.41 0.00	25.35 0.38 0.00	27.19 0.50 0.00	27.89 0.55 0.00	31.85 0.59 0.00	30.64 0.57 0.00	33.68 0.61 0.00	37.45 0.74 0.00	44.81 0.92 0.00	57.96 1.22 0.00	46.17 1.12 0.00	31.96 0.73 0.00	29.79 0.61 0.00	25.98 0.46 0.00	27.97 0.42 0.00
GREENDGE_115KV_TB5 80291	36.25 0.28 0.00	31.82 0.03 0.00	25.18 0.13 0.00	21.18 0.14 0.00	23.48 0.23 0.00	28.77 0.42 0.00	29.41 0.37 0.00	32.05 0.52 0.00	28.94 0.50 0.00	28.43 0.55 0.00	25.64 0.67 0.00	27.31 0.62 0.00	27.94 0.60 0.00	31.83 0.57 0.00	30.61 0.55 0.00	33.43 0.37 0.00	37.05 0.34 0.00	44.33 0.44 0.00	57.55 0.81 0.00	45.60 0.55 0.00	31.51 0.28 0.00	29.48 0.30 0.00	25.90 0.38 0.00	27.92 0.37 0.00
GREENIDGE___3 23582	36.25 0.28 0.00	31.82 0.03 0.00	25.18 0.13 0.00	21.18 0.14 0.00	23.48 0.23 0.00	28.77 0.42 0.00	29.41 0.37 0.00	32.05 0.52 0.00	28.94 0.50 0.00	28.43 0.55 0.00	25.64 0.67 0.00	27.31 0.62 0.00	27.94 0.60 0.00	31.83 0.57 0.00	30.61 0.55 0.00	33.43 0.37 0.00	37.05 0.34 0.00	44.33 0.44 0.00	57.55 0.81 0.00	45.60 0.55 0.00	31.51 0.28 0.00	29.48 0.30 0.00	25.90 0.38 0.00	27.92 0.37 0.00
GREENIDGE___4 23583	36.25 0.28 0.00	31.82 0.03 0.00	25.20 0.15 0.00	21.18 0.14 0.00	23.48 0.24 0.00	28.78 0.43 0.00	29.41 0.37 0.00	32.05 0.52 0.00	28.94 0.50 0.00	28.42 0.55 0.00	25.64 0.68 0.00	27.31 0.62 0.00	27.94 0.60 0.00	31.83 0.57 0.00	30.61 0.54 0.00	33.43 0.37 0.00	37.05 0.34 0.00	44.33 0.44 0.00	57.55 0.81 0.00	45.59 0.54 0.00	31.51 0.28 0.00	29.48 0.30 0.00	25.91 0.38 0.00	27.92 0.37 0.00
GREENLWN_69_KV_BK 3 55738	45.22 2.59 -6.66	33.95 2.16 0.00	48.16 1.73 -21.38	22.44 1.40 0.00	24.65 1.40 0.00	29.90 1.55 0.00	30.55 1.51 0.00	33.28 1.75 0.00	30.45 2.01 0.00	30.05 2.18 0.00	29.62 2.25 -2.41	29.25 2.49 -0.07	29.69 2.35 0.00	33.89 2.55 -0.07	34.88 2.70 -2.11	39.78 3.23 -3.48	60.49 3.63 -20.14	55.58 4.26 -7.43	81.85 5.45 -19.66	49.52 4.08 -0.39	47.44 2.77 -13.44	89.85 2.43 -58.25	27.45 1.93 0.00	29.38 1.82 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	37.80 1.84 0.00	33.22 1.43 0.00	26.32 1.26 0.00	22.04 1.00 0.00	24.26 1.01 0.00	29.46 1.11 0.00	30.31 1.28 0.00	32.88 1.35 0.00	30.02 1.58 0.00	29.65 1.77 0.00	26.75 1.79 0.00	28.71 2.01 0.00	29.30 1.96 0.00	33.52 2.26 0.00	32.39 2.33 0.00	35.81 2.75 0.00	39.68 2.97 0.00	47.37 3.47 0.00	61.14 4.40 0.00	48.33 3.27 0.00	33.45 2.22 0.00	31.21 2.03 0.00	27.25 1.72 0.00	29.18 1.63 0.00
GRISSOM___SOLAR 323813	40.03 4.06 0.00	35.24 3.45 0.00	27.91 2.85 0.00	23.43 2.39 0.00	25.80 2.55 0.00	31.61 3.26 0.00	32.36 3.33 0.00	34.61 3.08 0.00	30.88 2.43 0.00	30.09 2.22 0.00	26.33 1.37 0.00	28.71 2.01 0.00	29.94 2.60 0.00	34.47 3.22 0.00	32.57 2.51 0.00	35.97 2.90 0.00	39.59 2.88 0.00	47.81 3.92 0.00	62.55 5.81 0.00	50.82 5.77 0.00	35.28 4.05 0.00	32.82 3.64 0.00	28.60 3.08 0.00	30.93 3.38 0.00
GROVEVILLE___HYD 323602	37.84 1.88 0.00	33.29 1.50 0.00	26.28 1.22 0.00	22.00 0.96 0.00	24.25 1.01 0.00	29.51 1.16 0.00	30.34 1.31 0.00	32.98 1.45 0.00	30.05 1.60 0.00	29.56 1.69 0.00	26.61 1.64 0.00	28.55 1.86 0.00	29.21 1.88 0.00	33.43 2.17 0.00	32.26 2.20 0.00	35.64 2.57 0.00	39.56 2.85 0.00	47.29 3.40 0.00	61.11 4.37 0.00	48.35 3.29 0.00	33.41 2.18 0.00	31.13 1.95 0.00	27.13 1.60 0.00	29.09 1.55 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	35.87 -0.09 0.00	31.63 -0.17 0.00	24.91 -0.15 0.00	20.96 -0.08 0.00	23.16 -0.09 0.00	28.32 -0.03 0.00	28.99 -0.04 0.00	31.56 0.03 0.00	28.45 0.01 0.00	27.91 0.03 0.00	25.02 0.06 0.00	26.75 0.06 0.00	27.38 0.04 0.00	31.30 0.04 0.00	30.09 0.03 0.00	33.01 -0.06 0.00	36.59 -0.12 0.00	43.78 -0.11 0.00	56.66 -0.08 0.00	44.96 -0.09 0.00	31.15 -0.07 0.00	29.08 -0.10 0.00	25.44 -0.08 0.00	27.55 0.00 0.00
HAMLTNNY_34_KV_TB 80303	36.00 0.04 0.00	31.76 -0.03 0.00	24.96 -0.10 0.00	21.00 -0.04 0.00	23.26 0.01 0.00	28.45 0.10 0.00	29.10 0.07 0.00	31.71 0.17 0.00	28.58 0.13 0.00	28.03 0.16 0.00	25.12 0.15 0.00	26.86 0.16 0.00	27.43 0.09 0.00	31.41 0.15 0.00	30.23 0.16 0.00	33.18 0.12 0.00	36.81 0.10 0.00	44.05 0.16 0.00	57.02 0.28 0.00	45.25 0.19 0.00	31.32 0.09 0.00	29.21 0.04 0.00	25.54 0.02 0.00	27.66 0.11 0.00
HAMPSHIRE___PAPER_HYD 323593	36.25 0.29 0.00	32.07 0.28 0.00	25.27 0.22 0.00	21.17 0.13 0.00	23.28 0.03 0.00	28.44 0.09 0.00	29.11 0.08 0.00	31.56 0.03 0.00	22.86 -0.35 5.24	27.46 -0.41 0.00	24.56 -0.41 0.00	26.13 -0.57 0.00	26.80 -0.54 0.00	30.72 -0.54 0.00	29.45 -0.62 0.00	32.51 -0.56 0.00	35.90 -0.81 0.00	43.09 -0.80 0.00	56.01 -0.73 0.00	44.60 -0.46 0.00	31.08 -0.15 0.00	28.91 -0.26 0.00	25.34 -0.18 0.00	27.44 -0.11 0.00
HARDSCRABBLE_WT_PWR 323673	35.90 -0.06 0.00	31.63 -0.16 0.00	25.03 -0.03 0.00	21.00 -0.04 0.00	23.09 -0.15 0.00	28.10 -0.25 0.00	28.80 -0.23 0.00	31.25 -0.28 0.00	28.17 -0.28 0.00	27.57 -0.31 0.00	24.80 -0.16 0.00	26.74 0.05 0.00	27.33 -0.01 0.00	31.19 -0.06 0.00	29.98 -0.08 0.00	32.76 -0.30 0.00	36.53 -0.18 0.00	43.85 -0.04 0.00	56.76 0.02 0.00	45.37 0.31 0.00	31.55 0.32 0.00	29.38 0.20 0.00	25.54 0.02 0.00	27.48 -0.06 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	37.47 1.51 0.00	32.94 1.15 0.00	26.04 0.99 0.00	21.83 0.78 0.00	24.02 0.77 0.00	29.22 0.86 0.00	30.03 1.00 0.00	32.65 1.12 0.00	29.70 1.26 0.00	29.31 1.44 0.00	26.43 1.46 0.00	28.40 1.71 0.00	29.05 1.71 0.00	33.26 2.00 0.00	32.10 2.03 0.00	35.41 2.34 0.00	39.31 2.60 0.00	46.94 3.05 0.00	60.63 3.88 0.00	47.94 2.89 0.00	33.12 1.90 0.00	30.86 1.68 0.00	26.89 1.37 0.00	28.88 1.33 0.00
HARSNRAD_115KV_TB1 81005	35.89 -0.08 0.00	31.56 -0.23 0.00	24.73 -0.33 0.00	20.82 -0.22 0.00	23.17 -0.08 0.00	28.69 0.34 0.00	28.99 -0.04 0.00	31.51 -0.02 0.00	28.31 -0.13 0.00	27.99 0.12 0.00	25.31 0.34 0.00	26.79 0.10 0.00	27.33 -0.01 0.00	31.46 0.20 0.00	30.19 0.12 0.00	35.53 0.50 -1.96	36.18 -0.53 0.00	43.06 -0.83 0.00	55.76 -0.98 0.00	44.06 -0.99 0.00	30.39 -0.83 0.00	28.36 -0.82 0.00	25.06 -0.46 0.00	27.39 -0.16 0.00
HARZA MOOSE___RIVER 24016	36.72 0.76 0.00	32.42 0.62 0.00	25.57 0.51 0.00	21.47 0.43 0.00	23.66 0.41 0.00	28.95 0.60 0.00	29.66 0.63 0.00	32.20 0.67 0.00	27.44 0.45 1.46	28.25 0.38 0.00	25.30 0.34 0.00	27.00 0.31 0.00	27.72 0.38 0.00	31.76 0.50 0.00	30.46 0.40 0.00	33.51 0.44 0.00	36.95 0.24 0.00	44.43 0.54 0.00	57.71 0.96 0.00	45.93 0.88 0.00	31.95 0.71 0.00	29.70 0.52 0.00	25.91 0.39 0.00	27.98 0.43 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	35.70 -0.27 0.00	31.47 -0.32 0.00	24.77 -0.29 0.00	20.81 -0.23 0.00	23.02 -0.22 0.00	28.17 -0.18 0.00	28.83 -0.20 0.00	31.37 -0.16 0.00	28.30 -0.14 0.00	27.77 -0.10 0.00	24.88 -0.08 0.00	26.58 -0.11 0.00	27.21 -0.14 0.00	31.08 -0.17 0.00	29.85 -0.21 0.00	32.77 -0.29 0.00	36.34 -0.37 0.00	43.46 -0.43 0.00	56.22 -0.53 0.00	44.60 -0.46 0.00	30.90 -0.33 0.00	28.86 -0.31 0.00	25.29 -0.23 0.00	27.38 -0.17 0.00
HELLGATE_13_KV_LD 55870	37.66 1.70 0.00	33.13 1.34 0.00	26.22 1.16 0.00	21.96 0.92 0.00	24.18 0.94 0.00	29.36 1.01 0.00	30.22 1.19 0.00	32.85 1.32 0.00	29.99 1.54 0.00	29.61 1.74 0.00	26.70 1.74 0.00	28.65 1.95 0.00	29.23 1.89 0.00	33.41 2.15 0.00	32.29 2.22 0.00	35.69 2.62 0.00	39.57 2.85 0.00	47.21 3.32 0.00	60.89 4.15 0.00	48.13 3.07 0.00	33.29 2.06 0.00	31.07 1.89 0.00	27.11 1.59 0.00	29.04 1.49 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.66 1.70 0.00	33.13 1.34 0.00	26.22 1.16 0.00	21.96 0.92 0.00	24.18 0.94 0.00	29.36 1.01 0.00	30.22 1.19 0.00	32.85 1.32 0.00	29.99 1.54 0.00	29.61 1.74 0.00	26.70 1.74 0.00	28.65 1.95 0.00	29.23 1.89 0.00	33.41 2.15 0.00	32.29 2.22 0.00	35.69 2.62 0.00	39.57 2.85 0.00	47.21 3.32 0.00	60.89 4.15 0.00	48.13 3.07 0.00	33.29 2.06 0.00	31.07 1.89 0.00	27.11 1.59 0.00	29.04 1.49 0.00
HEMPSTEAD____ 23647	44.84 2.21 -6.67	33.60 1.81 0.00	28.97 1.47 -2.44	22.21 1.17 0.00	24.42 1.18 0.00	29.67 1.32 0.00	30.37 1.34 0.00	33.08 1.55 0.00	30.24 1.79 0.00	29.83 1.96 0.00	29.37 2.00 -2.41	29.01 2.24 -0.08	29.51 2.17 0.00	33.72 2.39 -0.07	34.68 2.50 -2.12	39.50 2.95 -3.49	60.14 3.28 -20.14	55.17 3.84 -7.43	81.28 4.87 -19.66	49.08 3.63 -0.40	47.12 2.45 -13.44	89.63 2.20 -58.25	27.35 1.83 0.00	29.24 1.69 0.00
HEWLETT__69_KV_BK3 55828	45.31 2.68 -6.66	33.98 2.19 0.00	29.29 1.80 -2.44	22.45 1.41 0.00	24.67 1.42 0.00	29.97 1.62 0.00	30.64 1.61 0.00	33.37 1.84 0.00	30.49 2.05 0.00	30.08 2.21 0.00	29.58 2.21 -2.41	29.23 2.46 -0.07	29.75 2.41 0.00	34.00 2.67 -0.07	34.96 2.79 -2.11	39.81 3.26 -3.48	60.51 3.65 -20.14	55.58 4.25 -7.43	81.76 5.35 -19.66	49.47 4.02 -0.39	47.42 2.75 -13.44	89.90 2.47 -58.25	27.65 2.13 0.00	29.59 2.04 0.00
HICKLING___1 23621	36.93 0.97 0.00	32.44 0.65 0.00	25.39 0.34 0.00	21.33 0.28 0.00	23.79 0.54 0.00	29.32 0.97 0.00	29.94 0.91 0.00	32.68 1.15 0.00	29.38 0.93 0.00	29.05 1.18 0.00	26.02 1.05 0.00	27.67 0.98 0.00	28.35 1.01 0.00	32.48 1.23 0.00	31.20 1.14 0.00	34.44 1.37 0.00	38.08 1.37 0.00	45.45 1.56 0.00	58.87 2.13 0.00	46.47 1.42 0.00	32.11 0.88 0.00	30.03 0.86 0.00	26.33 0.81 0.00	28.40 0.85 0.00
HICKLING___2 23622	36.93 0.97 0.00	32.44 0.65 0.00	25.39 0.34 0.00	21.33 0.28 0.00	23.79 0.54 0.00	29.32 0.97 0.00	29.94 0.91 0.00	32.68 1.15 0.00	29.38 0.93 0.00	29.05 1.18 0.00	26.02 1.05 0.00	27.67 0.98 0.00	28.35 1.01 0.00	32.48 1.23 0.00	31.20 1.14 0.00	34.44 1.37 0.00	38.08 1.37 0.00	45.45 1.56 0.00	58.87 2.13 0.00	46.47 1.42 0.00	32.11 0.88 0.00	30.03 0.86 0.00	26.33 0.81 0.00	28.40 0.85 0.00
HIGH FALLS___HY 23754	37.59 1.63 0.00	33.01 1.22 0.00	26.10 1.05 0.00	21.86 0.81 0.00	24.04 0.80 0.00	29.29 0.93 0.00	30.11 1.08 0.00	32.78 1.25 0.00	29.81 1.36 0.00	29.37 1.49 0.00	26.43 1.47 0.00	28.43 1.74 0.00	29.01 1.67 0.00	33.05 1.79 0.00	31.96 1.89 0.00	35.31 2.25 0.00	39.06 2.35 0.00	46.77 2.88 0.00	60.54 3.80 0.00	47.90 2.85 0.00	33.10 1.87 0.00	31.00 1.83 0.00	27.01 1.49 0.00	28.99 1.44 0.00
HILLBURN___GT 23639	37.32 1.35 0.00	32.78 0.99 0.00	25.97 0.92 0.00	21.77 0.73 0.00	23.92 0.68 0.00	29.08 0.73 0.00	29.90 0.87 0.00	32.52 0.99 0.00	29.60 1.16 0.00	29.23 1.36 0.00	26.40 1.43 0.00	28.40 1.71 0.00	29.03 1.69 0.00	33.21 1.95 0.00	32.06 1.99 0.00	35.32 2.25 0.00	39.19 2.48 0.00	46.79 2.90 0.00	60.37 3.63 0.00	47.73 2.68 0.00	32.98 1.76 0.00	30.73 1.56 0.00	26.79 1.27 0.00	28.80 1.26 0.00
HILLSIDE_115KV_TB1 80332	35.90 -0.07 0.00	31.55 -0.24 0.00	24.77 -0.29 0.00	20.82 -0.23 0.00	23.13 -0.12 0.00	28.46 0.11 0.00	29.05 0.02 0.00	31.75 0.21 0.00	28.57 0.12 0.00	28.29 0.42 0.00	25.39 0.43 0.00	27.03 0.34 0.00	27.67 0.33 0.00	31.70 0.44 0.00	30.47 0.41 0.00	33.54 0.47 0.00	37.13 0.42 0.00	44.29 0.39 0.00	57.27 0.53 0.00	45.17 0.11 0.00	31.19 -0.04 0.00	29.23 0.05 0.00	25.63 0.10 0.00	27.66 0.11 0.00
HISHELDN_WT_PWR 323625	36.18 0.22 0.00	31.83 0.04 0.00	24.96 -0.09 0.00	20.99 -0.06 0.00	23.35 0.10 0.00	28.87 0.52 0.00	29.29 0.26 0.00	31.89 0.36 0.00	28.67 0.22 0.00	28.36 0.49 0.00	25.57 0.61 0.00	27.12 0.43 0.00	27.68 0.34 0.00	31.83 0.57 0.00	30.57 0.50 0.00	34.46 0.60 -0.79	36.82 0.11 0.00	43.87 -0.02 0.00	56.80 0.06 0.00	44.83 -0.23 0.00	30.94 -0.29 0.00	28.90 -0.28 0.00	25.48 -0.04 0.00	27.73 0.18 0.00
HOLTSVILLE_IC_1 23690	45.64 3.02 -6.67	34.40 2.60 -0.01	160.87 2.13 -133.69	22.70 1.66 0.00	24.98 1.73 0.00	30.22 1.87 0.00	30.72 1.69 0.00	33.54 2.02 0.00	30.73 2.29 0.00	30.30 2.43 0.00	29.68 2.31 -2.41	29.29 2.52 -0.08	29.72 2.38 0.00	34.08 2.75 -0.07	35.09 2.91 -2.12	40.11 3.56 -3.49	60.86 3.99 -20.15	55.98 4.66 -7.43	82.46 6.05 -19.67	49.96 4.51 -0.40	47.79 3.12 -13.44	90.17 2.74 -58.25	27.66 2.14 0.00	29.61 2.06 0.00
HOLTSVILLE_IC_10 23699	45.95 3.31 -6.67	34.66 2.87 -0.01	139.75 2.30 -112.40	22.83 1.79 0.00	25.16 1.92 0.00	30.45 2.10 0.00	30.93 1.89 0.00	33.79 2.25 0.00	30.97 2.52 0.00	30.53 2.65 0.00	29.81 2.44 -2.41	29.39 2.63 -0.08	29.85 2.50 0.00	34.26 2.93 -0.07	35.28 3.11 -2.12	40.45 3.89 -3.49	61.24 4.38 -20.16	56.44 5.12 -7.43	83.05 6.64 -19.67	50.40 4.94 -0.40	48.10 3.43 -13.44	90.45 3.02 -58.25	27.88 2.36 0.00	29.80 2.25 0.00
HOLTSVILLE_IC_2 23691	45.64 3.02 -6.67	34.40 2.60 -0.01	160.87 2.13 -133.69	22.70 1.66 0.00	24.98 1.73 0.00	30.22 1.87 0.00	30.72 1.69 0.00	33.54 2.02 0.00	30.73 2.29 0.00	30.30 2.43 0.00	29.68 2.31 -2.41	29.29 2.52 -0.08	29.72 2.38 0.00	34.08 2.75 -0.07	35.09 2.91 -2.12	40.11 3.56 -3.49	60.86 3.99 -20.15	55.98 4.66 -7.43	82.46 6.05 -19.67	49.96 4.51 -0.40	47.79 3.12 -13.44	90.17 2.74 -58.25	27.66 2.14 0.00	29.61 2.06 0.00
HOLTSVILLE_IC_3 23692	45.64 3.02 -6.67	34.40 2.60 -0.01	160.87 2.13 -133.69	22.70 1.66 0.00	24.98 1.73 0.00	30.22 1.87 0.00	30.72 1.69 0.00	33.54 2.02 0.00	30.73 2.29 0.00	30.30 2.43 0.00	29.68 2.31 -2.41	29.29 2.52 -0.08	29.72 2.38 0.00	34.08 2.75 -0.07	35.09 2.91 -2.12	40.11 3.56 -3.49	60.86 3.99 -20.15	55.98 4.66 -7.43	82.46 6.05 -19.67	49.96 4.51 -0.40	47.79 3.12 -13.44	90.17 2.74 -58.25	27.66 2.14 0.00	29.61 2.06 0.00

HOLTSVILLE_IC_4 23693	45.64 3.02 -6.67	34.40 2.60 -0.01	160.87 2.13 -133.69	22.70 1.66 0.00	24.98 1.73 0.00	30.22 1.87 0.00	30.72 1.69 0.00	33.54 2.02 0.00	30.73 2.29 0.00	30.30 2.43 0.00	29.68 2.31 -2.41	29.29 2.52 -0.08	29.72 2.38 0.00	34.08 2.75 -0.07	35.09 2.91 -2.12	40.11 3.56 -3.49	60.86 3.99 -20.15	55.98 4.66 -7.43	82.46 6.05 -19.67	49.96 4.51 -0.40	47.79 3.12 -13.44	90.17 2.74 -58.25	27.66 2.14 0.00	29.61 2.06 0.00
HOLTSVILLE_IC_5 23694	45.64 3.02 -6.67	34.40 2.60 -0.01	160.87 2.13 -133.69	22.70 1.66 0.00	24.98 1.73 0.00	30.22 1.87 0.00	30.72 1.69 0.00	33.54 2.02 0.00	30.73 2.29 0.00	30.30 2.43 0.00	29.68 2.31 -2.41	29.29 2.52 -0.08	29.72 2.38 0.00	34.08 2.75 -0.07	35.09 2.91 -2.12	40.11 3.56 -3.49	60.86 3.99 -20.15	55.98 4.66 -7.43	82.46 6.05 -19.67	49.96 4.51 -0.40	47.79 3.12 -13.44	90.17 2.74 -58.25	27.66 2.14 0.00	29.61 2.06 0.00
HOLTSVILLE_IC_6 23695	45.95 3.31 -6.67	34.66 2.87 -0.01	139.75 2.30 -112.40	22.83 1.79 0.00	25.16 1.92 0.00	30.45 2.10 0.00	30.93 1.89 0.00	33.79 2.25 0.00	30.97 2.52 0.00	30.53 2.65 0.00	29.81 2.44 -2.41	29.39 2.63 -0.08	29.85 2.50 0.00	34.26 2.93 -0.07	35.28 3.11 -2.12	40.45 3.89 -3.49	61.24 4.38 -20.16	56.44 5.12 -7.43	83.05 6.64 -19.67	50.40 4.94 -0.40	48.10 3.43 -13.44	90.45 3.02 -58.25	27.88 2.36 0.00	29.80 2.25 0.00
HOLTSVILLE_IC_7 23696	45.95 3.31 -6.67	34.66 2.87 -0.01	139.75 2.30 -112.40	22.83 1.79 0.00	25.16 1.92 0.00	30.45 2.10 0.00	30.93 1.89 0.00	33.79 2.25 0.00	30.97 2.52 0.00	30.53 2.65 0.00	29.81 2.44 -2.41	29.39 2.63 -0.08	29.85 2.50 0.00	34.26 2.93 -0.07	35.28 3.11 -2.12	40.45 3.89 -3.49	61.24 4.38 -20.16	56.44 5.12 -7.43	83.05 6.64 -19.67	50.40 4.94 -0.40	48.10 3.43 -13.44	90.45 3.02 -58.25	27.88 2.36 0.00	29.80 2.25 0.00
HOLTSVILLE_IC_8 23697	45.95 3.31 -6.67	34.66 2.87 -0.01	139.75 2.30 -112.40	22.83 1.79 0.00	25.16 1.92 0.00	30.45 2.10 0.00	30.93 1.89 0.00	33.79 2.25 0.00	30.97 2.52 0.00	30.53 2.65 0.00	29.81 2.44 -2.41	29.39 2.63 -0.08	29.85 2.50 0.00	34.26 2.93 -0.07	35.28 3.11 -2.12	40.45 3.89 -3.49	61.24 4.38 -20.16	56.44 5.12 -7.43	83.05 6.64 -19.67	50.40 4.94 -0.40	48.10 3.43 -13.44	90.45 3.02 -58.25	27.88 2.36 0.00	29.80 2.25 0.00
HOLTSVILLE_IC_9 23698	45.95 3.31 -6.67	34.66 2.87 -0.01	139.75 2.30 -112.40	22.83 1.79 0.00	25.16 1.92 0.00	30.45 2.10 0.00	30.93 1.89 0.00	33.79 2.25 0.00	30.97 2.52 0.00	30.53 2.65 0.00	29.81 2.44 -2.41	29.39 2.63 -0.08	29.85 2.50 0.00	34.26 2.93 -0.07	35.28 3.11 -2.12	40.45 3.89 -3.49	61.24 4.38 -20.16	56.44 5.12 -7.43	83.05 6.64 -19.67	50.40 4.94 -0.40	48.10 3.43 -13.44	90.45 3.02 -58.25	27.88 2.36 0.00	29.80 2.25 0.00
HOMER_HL_115KV_TB2 355744	36.30 0.34 0.00	31.86 0.07 0.00	24.91 -0.14 0.00	20.97 -0.07 0.00	23.38 0.13 0.00	28.93 0.58 0.00	29.43 0.40 0.00	32.12 0.59 0.00	28.86 0.41 0.00	28.67 0.80 0.00	25.72 0.76 0.00	27.21 0.51 0.00	27.74 0.41 0.00	31.91 0.65 0.00	30.65 0.59 0.00	34.54 0.71 -0.76	37.20 0.49 0.00	44.37 0.48 0.00	57.24 0.50 0.00	44.94 -0.11 0.00	31.02 -0.20 0.00	29.01 -0.17 0.00	25.65 0.13 0.00	27.93 0.38 0.00
HOWARD_WT_PWR 323690	36.84 0.88 0.00	32.30 0.51 0.00	25.40 0.35 0.00	21.33 0.28 0.00	23.71 0.46 0.00	29.28 0.94 0.00	29.89 0.86 0.00	32.96 1.43 0.00	29.64 1.19 0.00	29.14 1.27 0.00	26.23 1.27 0.00	27.98 1.29 0.00	28.72 1.38 0.00	32.81 1.55 0.00	31.40 1.33 0.00	34.55 1.12 -0.36	37.65 0.94 0.00	44.94 1.05 0.00	58.29 1.54 0.00	46.11 1.06 0.00	31.88 0.65 0.00	29.80 0.62 0.00	26.17 0.65 0.00	28.31 0.76 0.00
HQ_GEN_CEDARS 23644	35.80 -0.16 0.00	31.77 -0.02 0.00	25.06 0.00 0.00	21.03 -0.01 0.00	23.17 -0.07 0.00	28.24 -0.11 0.00	28.87 -0.16 0.00	31.27 -0.25 0.00	25.59 -0.64 2.22	27.36 -0.51 0.00	24.49 -0.48 0.00	26.12 -0.57 0.00	26.78 -0.56 0.00	30.63 -0.63 0.00	29.44 -0.63 0.00	32.41 -0.65 0.00	36.03 -0.69 0.00	43.06 -0.84 0.00	55.69 -1.05 0.00	44.25 -0.81 0.00	30.74 -0.49 0.00	28.80 -0.38 0.00	25.28 -0.24 0.00	27.30 -0.26 0.00
HQ_GEN_CEDARS_PROXY 323590	35.80 -0.16 0.00	31.77 -0.02 0.00	25.06 0.01 0.00	21.03 -0.01 0.00	23.18 -0.07 0.00	28.24 -0.11 0.00	28.87 -0.16 0.00	31.27 -0.26 0.00	25.59 -0.64 2.22	27.36 -0.51 0.00	24.49 -0.48 0.00	26.12 -0.57 0.00	26.78 -0.56 0.00	30.63 -0.63 0.00	29.44 -0.63 0.00	32.42 -0.65 0.00	36.03 -0.69 0.00	43.06 -0.84 0.00	55.69 -1.05 0.00	44.25 -0.80 0.00	30.74 -0.49 0.00	28.80 -0.38 0.00	25.17 -0.24 0.11	27.30 -0.26 0.00
HQ_GEN_IMPORT 323601	35.82 -0.14 0.00	31.77 -0.02 0.00	25.04 -0.02 0.00	21.04 0.00 0.00	23.24 0.00 0.00	28.33 -0.02 0.00	28.97 -0.06 0.00	31.44 -0.09 0.00	28.29 -0.16 0.00	27.43 -0.23 0.21	24.73 -0.23 0.00	26.41 -0.28 0.00	27.06 -0.27 0.00	30.95 -0.31 0.00	29.75 -0.32 0.00	32.74 -0.33 0.00	36.38 -0.33 0.00	43.48 -0.41 0.00	56.18 -0.57 0.00	44.61 -0.45 0.00	30.95 -0.28 0.00	28.99 -0.19 0.00	25.39 -0.13 0.00	27.07 -0.17 0.31
HQ_GEN_WHEEL 23651	35.82 -0.14 0.00	31.77 -0.02 0.00	25.04 -0.02 0.00	21.04 0.00 0.00	23.24 0.00 0.00	28.33 -0.02 0.00	28.97 -0.06 0.00	31.44 -0.09 0.00	28.29 -0.16 0.00	27.43 -0.23 0.21	24.73 -0.23 0.00	26.41 -0.28 0.00	27.06 -0.27 0.00	30.95 -0.31 0.00	29.75 -0.32 0.00	32.74 -0.33 0.00	36.38 -0.33 0.00	43.48 -0.41 0.00	56.18 -0.57 0.00	44.61 -0.45 0.00	30.95 -0.28 0.00	28.99 -0.19 0.00	25.39 -0.13 0.00	27.07 -0.17 0.31
HUDSON_AVE_GT_3 23810	37.70 1.74 0.00	33.15 1.36 0.00	26.22 1.17 0.00	21.97 0.93 0.00	24.19 0.94 0.00	29.38 1.03 0.00	30.22 1.19 0.00	32.84 1.31 0.00	29.97 1.53 0.00	29.62 1.75 0.00	26.71 1.75 0.00	28.66 1.97 0.00	29.25 1.91 0.00	33.43 2.18 0.00	32.30 2.24 0.00	35.71 2.64 0.00	39.60 2.89 0.00	47.26 3.37 0.00	60.99 4.25 0.00	48.19 3.13 0.00	33.29 2.07 0.00	31.06 1.88 0.00	27.12 1.60 0.00	29.05 1.50 0.00
HUDSON_AVE_GT_4 23540	37.70 1.74 0.00	33.15 1.36 0.00	26.22 1.17 0.00	21.97 0.93 0.00	24.19 0.94 0.00	29.38 1.03 0.00	30.22 1.19 0.00	32.84 1.31 0.00	29.97 1.53 0.00	29.62 1.75 0.00	26.71 1.75 0.00	28.66 1.97 0.00	29.25 1.91 0.00	33.43 2.18 0.00	32.30 2.24 0.00	35.71 2.64 0.00	39.60 2.89 0.00	47.26 3.37 0.00	60.99 4.25 0.00	48.19 3.13 0.00	33.29 2.07 0.00	31.06 1.88 0.00	27.12 1.60 0.00	29.05 1.50 0.00
HUDSON_AVE_GT_5 23657	37.70 1.74 0.00	33.15 1.36 0.00	26.22 1.17 0.00	21.97 0.93 0.00	24.19 0.94 0.00	29.38 1.03 0.00	30.22 1.19 0.00	32.84 1.31 0.00	29.97 1.53 0.00	29.62 1.75 0.00	26.71 1.75 0.00	28.66 1.97 0.00	29.25 1.91 0.00	33.43 2.18 0.00	32.30 2.24 0.00	35.71 2.64 0.00	39.60 2.89 0.00	47.26 3.37 0.00	60.99 4.25 0.00	48.19 3.13 0.00	33.29 2.07 0.00	31.06 1.88 0.00	27.12 1.60 0.00	29.05 1.50 0.00

HUDSON_AVE_10 24168	37.60 1.64 0.00	33.06 1.27 0.00	26.15 1.10 0.00	21.92 0.88 0.00	24.13 0.89 0.00	29.29 0.94 0.00	30.13 1.10 0.00	32.74 1.21 0.00	29.89 1.45 0.00	29.53 1.66 0.00	26.62 1.66 0.00	28.57 1.87 0.00	29.15 1.81 0.00	33.33 2.07 0.00	32.20 2.14 0.00	35.60 2.54 0.00	39.48 2.77 0.00	47.12 3.23 0.00	60.82 4.08 0.00	48.05 2.99 0.00	33.20 1.97 0.00	30.98 1.80 0.00	27.06 1.54 0.00	28.99 1.44 0.00
HUDSON___115KV_TB 4 355613	37.32 1.36 0.00	32.96 1.17 0.00	25.98 0.92 0.00	21.82 0.77 0.00	24.09 0.84 0.00	29.25 0.90 0.00	30.05 1.02 0.00	32.58 1.05 0.00	29.36 0.92 0.00	28.73 0.86 0.00	25.70 0.74 0.00	27.56 0.87 0.00	28.29 0.95 0.00	32.31 1.05 0.00	31.09 1.03 0.00	34.18 1.11 0.00	38.12 1.41 0.00	45.66 1.77 0.00	59.19 2.45 0.00	47.31 2.26 0.00	32.80 1.57 0.00	30.55 1.37 0.00	26.59 1.07 0.00	28.59 1.04 0.00
HUNTER MOUNT___DRP 323613	37.57 1.61 0.00	33.20 1.41 0.00	26.13 1.08 0.00	21.95 0.91 0.00	24.25 1.00 0.00	29.45 1.10 0.00	30.25 1.22 0.00	32.78 1.25 0.00	29.49 1.05 0.00	28.80 0.92 0.00	25.71 0.75 0.00	27.57 0.88 0.00	28.32 0.98 0.00	32.35 1.09 0.00	31.15 1.09 0.00	34.22 1.16 0.00	38.22 1.51 0.00	45.81 1.92 0.00	59.43 2.69 0.00	47.60 2.54 0.00	33.04 1.81 0.00	30.76 1.58 0.00	26.75 1.23 0.00	28.75 1.20 0.00
HUNTINGTON_RES_REC 323705	45.60 2.97 -6.67	34.30 2.51 0.00	75.66 1.98 -48.62	22.62 1.58 0.00	24.90 1.65 0.00	30.16 1.81 0.00	30.75 1.72 0.00	33.53 2.01 0.00	30.72 2.28 0.00	30.30 2.43 0.00	29.75 2.37 -2.41	29.37 2.60 -0.08	29.81 2.47 0.00	34.11 2.77 -0.07	35.14 2.96 -2.12	40.18 3.63 -3.49	60.93 4.06 -20.16	56.07 4.74 -7.43	82.52 6.11 -19.66	50.03 4.58 -0.40	47.80 3.13 -13.44	90.19 2.77 -58.25	27.70 2.18 0.00	29.60 2.05 0.00
HUNTLEY___63 23557	36.17 0.21 0.00	31.81 0.03 0.00	24.94 -0.12 0.00	21.00 -0.04 0.00	23.35 0.10 0.00	28.91 0.56 0.00	29.19 0.16 0.00	31.63 0.10 0.00	28.45 0.00 0.00	28.19 0.31 0.00	25.48 0.52 0.00	27.00 0.31 0.00	27.53 0.20 0.00	31.71 0.45 0.00	30.45 0.38 0.00	34.93 0.51 -1.36	36.45 -0.27 0.00	43.39 -0.49 0.00	56.13 -0.61 0.00	44.32 -0.73 0.00	30.55 -0.67 0.00	28.51 -0.67 0.00	25.17 -0.35 0.00	27.49 -0.06 0.00
HUNTLEY___64 23558	36.17 0.21 0.00	31.81 0.03 0.00	24.94 -0.12 0.00	21.00 -0.04 0.00	23.35 0.10 0.00	28.91 0.56 0.00	29.19 0.16 0.00	31.63 0.10 0.00	28.45 0.00 0.00	28.19 0.31 0.00	25.48 0.52 0.00	27.00 0.31 0.00	27.53 0.20 0.00	31.71 0.45 0.00	30.45 0.38 0.00	34.93 0.51 -1.36	36.45 -0.27 0.00	43.39 -0.49 0.00	56.13 -0.61 0.00	44.32 -0.73 0.00	30.55 -0.67 0.00	28.51 -0.67 0.00	25.17 -0.35 0.00	27.49 -0.06 0.00
HUNTLEY___65 23559	36.17 0.21 0.00	31.81 0.03 0.00	24.94 -0.12 0.00	21.00 -0.04 0.00	23.35 0.10 0.00	28.91 0.56 0.00	29.19 0.16 0.00	31.63 0.10 0.00	28.45 0.00 0.00	28.19 0.31 0.00	25.48 0.52 0.00	27.00 0.31 0.00	27.53 0.20 0.00	31.71 0.45 0.00	30.45 0.38 0.00	34.93 0.51 -1.36	36.45 -0.27 0.00	43.39 -0.49 0.00	56.13 -0.61 0.00	44.32 -0.73 0.00	30.55 -0.67 0.00	28.51 -0.67 0.00	25.17 -0.35 0.00	27.49 -0.06 0.00
HUNTLEY___66 23560	36.17 0.21 0.00	31.81 0.03 0.00	24.94 -0.12 0.00	21.00 -0.04 0.00	23.35 0.10 0.00	28.91 0.56 0.00	29.19 0.16 0.00	31.63 0.10 0.00	28.45 0.00 0.00	28.19 0.31 0.00	25.48 0.52 0.00	27.00 0.31 0.00	27.53 0.20 0.00	31.71 0.45 0.00	30.45 0.38 0.00	34.93 0.51 -1.36	36.45 -0.27 0.00	43.39 -0.49 0.00	56.13 -0.61 0.00	44.32 -0.73 0.00	30.55 -0.67 0.00	28.51 -0.67 0.00	25.17 -0.35 0.00	27.49 -0.06 0.00
HUNTLEY___67 23561	35.91 -0.05 0.00	31.59 -0.20 0.00	24.74 -0.32 0.00	20.83 -0.21 0.00	23.18 -0.07 0.00	28.70 0.35 0.00	29.05 0.01 0.00	31.58 0.05 0.00	28.39 -0.06 0.00	28.09 0.21 0.00	25.37 0.40 0.00	26.89 0.19 0.00	27.42 0.08 0.00	31.55 0.29 0.00	30.30 0.23 0.00	34.16 0.23 -0.87	36.31 -0.40 0.00	43.26 -0.63 0.00	55.98 -0.76 0.00	44.19 -0.87 0.00	30.46 -0.77 0.00	28.44 -0.74 0.00	25.12 -0.40 0.00	27.44 -0.11 0.00
HUNTLEY___68 23562	35.91 -0.05 0.00	31.59 -0.20 0.00	24.74 -0.32 0.00	20.83 -0.21 0.00	23.18 -0.07 0.00	28.70 0.35 0.00	29.05 0.01 0.00	31.58 0.05 0.00	28.39 -0.06 0.00	28.09 0.21 0.00	25.37 0.40 0.00	26.89 0.19 0.00	27.42 0.08 0.00	31.55 0.29 0.00	30.30 0.23 0.00	34.16 0.23 -0.87	36.31 -0.40 0.00	43.26 -0.63 0.00	55.98 -0.76 0.00	44.19 -0.87 0.00	30.46 -0.77 0.00	28.44 -0.74 0.00	25.12 -0.40 0.00	27.44 -0.11 0.00
HYLAND___LFGE 323620	37.88 1.92 0.00	33.26 1.47 0.00	25.98 0.92 0.00	21.82 0.77 0.00	24.37 1.12 0.00	30.15 1.80 0.00	30.72 1.69 0.00	33.29 1.76 0.00	29.64 1.19 0.00	28.96 1.09 0.00	25.89 0.92 0.00	27.47 0.78 0.00	28.07 0.73 0.00	32.27 1.01 0.00	31.01 0.95 0.00	34.18 1.11 0.00	37.75 1.04 0.00	45.20 1.31 0.00	58.56 1.82 0.00	47.03 1.98 0.00	32.91 1.69 0.00	30.79 1.61 0.00	27.01 1.49 0.00	29.10 1.56 0.00
INDECK___CORINTH 23802	37.17 1.20 0.00	32.78 0.99 0.00	25.71 0.66 0.00	21.55 0.51 0.00	23.84 0.60 0.00	28.97 0.62 0.00	29.79 0.76 0.00	32.35 0.82 0.00	29.23 0.78 0.00	28.61 0.74 0.00	25.39 0.43 0.00	27.26 0.57 0.00	28.05 0.71 0.00	31.93 0.67 0.00	30.59 0.52 0.00	33.76 0.69 0.00	37.58 0.87 0.00	45.17 1.28 0.00	58.70 1.96 0.00	47.08 2.02 0.00	32.66 1.44 0.00	30.52 1.35 0.00	26.61 1.09 0.00	28.61 1.06 0.00
INDECK___ILION 23567	35.97 0.00 0.00	31.73 -0.06 0.00	25.04 -0.02 0.00	21.03 -0.01 0.00	23.18 -0.07 0.00	28.23 -0.12 0.00	28.94 -0.09 0.00	31.43 -0.10 0.00	28.34 -0.11 0.00	27.74 -0.13 0.00	24.87 -0.09 0.00	26.72 0.03 0.00	27.39 0.05 0.00	31.31 0.05 0.00	30.12 0.05 0.00	33.01 -0.06 0.00	36.72 0.01 0.00	43.98 0.08 0.00	56.91 0.17 0.00	45.37 0.31 0.00	31.47 0.24 0.00	29.34 0.17 0.00	25.58 0.06 0.00	27.55 0.00 0.00
INDECK___OLEAN 23982	36.30 0.34 0.00	31.86 0.07 0.00	24.94 -0.11 0.00	20.98 -0.07 0.00	23.38 0.14 0.00	28.93 0.57 0.00	29.43 0.40 0.00	32.12 0.59 0.00	28.86 0.41 0.00	28.67 0.80 0.00	25.73 0.77 0.00	27.21 0.52 0.00	27.74 0.41 0.00	31.91 0.65 0.00	30.65 0.59 0.00	34.54 0.71 -0.76	37.20 0.48 0.00	44.37 0.48 0.00	57.24 0.50 0.00	44.94 -0.11 0.00	31.02 -0.20 0.00	29.01 -0.16 0.00	25.65 0.13 0.00	27.93 0.39 0.00
INDECK___OSWEGO 23783	35.26 -0.70 0.00	31.11 -0.68 0.00	24.49 -0.56 0.00	20.59 -0.46 0.00	22.76 -0.48 0.00	27.84 -0.51 0.00	28.49 -0.54 0.00	30.98 -0.55 0.00	27.92 -0.52 0.00	27.36 -0.51 0.00	24.48 -0.48 0.00	26.13 -0.56 0.00	26.76 -0.58 0.00	30.57 -0.69 0.00	29.24 -0.83 0.00	32.07 -0.99 0.00	35.52 -1.19 0.00	42.49 -1.40 0.00	54.98 -1.76 0.00	43.69 -1.37 0.00	30.33 -0.89 0.00	28.46 -0.72 0.00	24.95 -0.57 0.00	27.04 -0.51 0.00

INDECK___YERKES 23781	36.20 0.24 0.00	31.84 0.05 0.00	25.01 -0.05 0.00	21.03 -0.02 0.00	23.38 0.13 0.00	28.93 0.58 0.00	29.20 0.17 0.00	31.63 0.10 0.00	28.44 -0.01 0.00	28.18 0.31 0.00	25.49 0.53 0.00	27.00 0.30 0.00	27.53 0.19 0.00	31.71 0.45 0.00	30.45 0.38 0.00	34.93 0.50 -1.36	36.44 -0.27 0.00	43.39 -0.49 0.00	56.13 -0.61 0.00	44.31 -0.74 0.00	30.55 -0.68 0.00	28.51 -0.67 0.00	25.17 -0.35 0.00	27.49 -0.06 0.00
INDIAN POINT_GT_1 24139	37.45 1.49 0.00	32.95 1.15 0.00	26.04 0.99 0.00	21.82 0.77 0.00	24.03 0.79 0.00	29.21 0.86 0.00	30.04 1.00 0.00	32.65 1.12 0.00	29.72 1.27 0.00	29.33 1.46 0.00	26.42 1.46 0.00	28.36 1.67 0.00	28.98 1.64 0.00	33.14 1.88 0.00	31.99 1.93 0.00	35.36 2.30 0.00	39.24 2.53 0.00	46.87 2.98 0.00	60.50 3.75 0.00	47.84 2.79 0.00	33.07 1.84 0.00	30.83 1.65 0.00	26.88 1.36 0.00	28.84 1.29 0.00
INDIAN POINT_GT_2 23659	37.45 1.49 0.00	32.95 1.15 0.00	26.04 0.99 0.00	21.82 0.77 0.00	24.03 0.79 0.00	29.21 0.86 0.00	30.04 1.00 0.00	32.65 1.12 0.00	29.72 1.27 0.00	29.33 1.46 0.00	26.42 1.46 0.00	28.36 1.67 0.00	28.98 1.64 0.00	33.14 1.88 0.00	31.99 1.93 0.00	35.36 2.30 0.00	39.24 2.53 0.00	46.87 2.98 0.00	60.50 3.75 0.00	47.84 2.79 0.00	33.07 1.84 0.00	30.83 1.65 0.00	26.88 1.36 0.00	28.84 1.29 0.00
INDIAN POINT_GT_3 24019	37.45 1.49 0.00	32.95 1.15 0.00	26.04 0.99 0.00	21.82 0.77 0.00	24.03 0.79 0.00	29.21 0.86 0.00	30.04 1.00 0.00	32.65 1.12 0.00	29.72 1.27 0.00	29.33 1.46 0.00	26.42 1.46 0.00	28.36 1.67 0.00	28.98 1.64 0.00	33.14 1.88 0.00	31.99 1.93 0.00	35.36 2.30 0.00	39.24 2.53 0.00	46.87 2.98 0.00	60.50 3.75 0.00	47.84 2.79 0.00	33.07 1.84 0.00	30.83 1.65 0.00	26.88 1.36 0.00	28.84 1.29 0.00
INDIAN POINT___2 23530	37.41 1.44 0.00	32.90 1.11 0.00	25.98 0.93 0.00	21.78 0.74 0.00	24.00 0.75 0.00	29.18 0.83 0.00	30.00 0.97 0.00	32.61 1.09 0.00	29.68 1.24 0.00	29.30 1.42 0.00	26.39 1.43 0.00	28.33 1.64 0.00	28.95 1.62 0.00	33.11 1.85 0.00	31.96 1.90 0.00	35.33 2.26 0.00	39.21 2.50 0.00	46.82 2.93 0.00	60.43 3.69 0.00	47.79 2.74 0.00	33.04 1.81 0.00	30.79 1.61 0.00	26.85 1.33 0.00	28.82 1.27 0.00
INDIAN POINT___3 23531	37.42 1.45 0.00	32.92 1.13 0.00	26.02 0.96 0.00	21.79 0.75 0.00	24.02 0.77 0.00	29.20 0.85 0.00	30.01 0.98 0.00	32.62 1.09 0.00	29.69 1.24 0.00	29.30 1.43 0.00	26.40 1.43 0.00	28.33 1.64 0.00	28.95 1.61 0.00	33.11 1.85 0.00	31.96 1.89 0.00	35.32 2.25 0.00	39.19 2.48 0.00	46.80 2.91 0.00	60.43 3.69 0.00	47.79 2.74 0.00	33.04 1.81 0.00	30.79 1.61 0.00	26.85 1.33 0.00	28.82 1.27 0.00
INGHAM_C_115KV_TB7 356103	35.80 -0.16 0.00	31.52 -0.27 0.00	24.92 -0.13 0.00	20.93 -0.11 0.00	23.00 -0.24 0.00	27.98 -0.37 0.00	28.69 -0.34 0.00	31.13 -0.40 0.00	28.01 -0.43 0.00	27.39 -0.48 0.00	24.65 -0.31 0.00	26.64 -0.05 0.00	27.24 -0.10 0.00	31.11 -0.15 0.00	29.91 -0.16 0.00	32.67 -0.40 0.00	36.48 -0.23 0.00	43.78 -0.11 0.00	56.70 -0.04 0.00	45.41 0.36 0.00	31.57 0.34 0.00	29.39 0.21 0.00	25.53 0.01 0.00	27.40 -0.15 0.00
IP CORINTH___1 23988	37.36 1.40 0.00	32.96 1.17 0.00	25.86 0.81 0.00	21.67 0.63 0.00	23.97 0.73 0.00	29.12 0.77 0.00	29.95 0.92 0.00	32.53 1.00 0.00	29.38 0.94 0.00	28.77 0.90 0.00	25.53 0.57 0.00	27.41 0.72 0.00	28.20 0.86 0.00	32.10 0.85 0.00	30.76 0.70 0.00	33.94 0.88 0.00	37.79 1.08 0.00	45.42 1.53 0.00	59.03 2.29 0.00	47.32 2.27 0.00	32.84 1.61 0.00	30.69 1.51 0.00	26.74 1.22 0.00	28.76 1.20 0.00
IP___TICONDEROGA 23804	39.21 3.25 0.00	34.51 2.73 0.00	26.93 1.87 0.00	22.51 1.46 0.00	24.85 1.60 0.00	30.06 1.71 0.00	31.02 1.99 0.00	33.80 2.27 0.00	30.47 2.02 0.00	29.86 1.99 0.00	26.59 1.63 0.00	28.57 1.88 0.00	29.71 2.37 0.00	33.73 2.47 0.00	32.08 2.01 0.00	35.49 2.42 0.00	39.66 2.94 0.00	48.25 4.36 0.00	62.62 5.88 0.00	50.27 5.22 0.00	34.59 3.36 0.00	32.61 3.43 0.00	28.41 2.88 0.00	30.61 3.06 0.00
ISLIP_RES_REC 323679	46.16 3.52 -6.67	34.84 3.04 -0.01	131.21 2.42 -103.74	22.93 1.89 0.00	25.29 2.05 0.00	30.60 2.25 0.00	31.10 2.07 0.00	33.98 2.45 0.00	31.16 2.72 0.00	30.72 2.85 0.00	29.98 2.61 -2.41	29.60 2.83 -0.08	30.06 2.71 0.00	34.51 3.18 -0.07	35.54 3.36 -2.12	40.74 4.19 -3.49	61.57 4.71 -20.15	56.85 5.52 -7.43	83.54 7.13 -19.67	50.77 5.32 -0.40	48.34 3.67 -13.44	90.65 3.23 -58.25	28.04 2.52 0.00	29.97 2.42 0.00
JAMAICA__27_KV_LOAD 355505	37.91 1.94 0.00	33.34 1.55 0.00	26.35 1.30 0.00	22.09 1.05 0.00	24.33 1.09 0.00	29.51 1.16 0.00	30.33 1.30 0.00	32.95 1.42 0.00	30.09 1.65 0.00	29.72 1.85 0.00	26.77 1.80 0.00	28.73 2.04 0.00	29.31 1.97 0.00	33.56 2.30 0.00	32.43 2.36 0.00	35.85 2.78 0.00	39.75 3.03 0.00	47.45 3.56 0.00	61.26 4.52 0.00	48.43 3.37 0.00	33.45 2.22 0.00	31.24 2.06 0.00	27.33 1.81 0.00	29.26 1.72 0.00
JANIS___SOLAR 323808	37.44 1.48 0.00	32.92 1.13 0.00	25.92 0.86 0.00	21.77 0.73 0.00	24.11 0.86 0.00	29.60 1.25 0.00	30.29 1.26 0.00	33.00 1.47 0.00	29.58 1.14 0.00	28.80 0.93 0.00	25.69 0.73 0.00	27.52 0.83 0.00	28.30 0.96 0.00	32.26 1.00 0.00	31.17 1.10 0.00	33.83 0.77 0.00	37.62 0.91 0.00	45.26 1.38 0.00	59.04 2.30 0.00	47.23 2.18 0.00	32.80 1.57 0.00	30.60 1.42 0.00	26.69 1.17 0.00	28.78 1.23 0.00
JARVIS____ 23743	35.99 0.03 0.00	31.79 0.00 0.00	25.06 0.00 0.00	21.04 0.00 0.00	23.23 -0.01 0.00	28.33 -0.02 0.00	29.03 0.00 0.00	31.53 0.00 0.00	28.46 0.02 0.00	27.90 0.03 0.00	25.00 0.04 0.00	26.75 0.05 0.00	27.39 0.05 0.00	31.32 0.06 0.00	30.15 0.08 0.00	33.12 0.05 0.00	36.76 0.05 0.00	43.98 0.08 0.00	56.85 0.11 0.00	45.15 0.09 0.00	31.29 0.06 0.00	29.22 0.05 0.00	25.54 0.02 0.00	27.57 0.02 0.00
JENNISON___1 23625	37.59 1.62 0.00	33.05 1.26 0.00	26.01 0.96 0.00	21.85 0.81 0.00	24.19 0.94 0.00	29.66 1.31 0.00	30.39 1.36 0.00	33.12 1.59 0.00	29.84 1.40 0.00	29.24 1.37 0.00	26.17 1.21 0.00	28.07 1.38 0.00	28.80 1.46 0.00	32.88 1.62 0.00	31.64 1.58 0.00	34.65 1.58 0.00	38.43 1.72 0.00	46.09 2.20 0.00	59.85 3.11 0.00	47.65 2.59 0.00	33.00 1.77 0.00	30.77 1.60 0.00	26.83 1.31 0.00	28.89 1.34 0.00
JENNISON___2 23626	37.59 1.62 0.00	33.05 1.26 0.00	26.01 0.96 0.00	21.85 0.81 0.00	24.19 0.94 0.00	29.66 1.31 0.00	30.39 1.36 0.00	33.12 1.59 0.00	29.84 1.40 0.00	29.24 1.37 0.00	26.17 1.21 0.00	28.07 1.38 0.00	28.80 1.46 0.00	32.88 1.62 0.00	31.64 1.58 0.00	34.65 1.58 0.00	38.43 1.72 0.00	46.09 2.20 0.00	59.85 3.11 0.00	47.65 2.59 0.00	33.00 1.77 0.00	30.77 1.60 0.00	26.83 1.31 0.00	28.89 1.34 0.00

JERICO_RISE_WT_PWR 323719	36.57 0.60 0.00	32.53 0.74 0.00	25.64 0.59 0.00	21.61 0.56 0.00	23.94 0.70 0.00	29.23 0.88 0.00	29.89 0.86 0.00	32.43 0.90 0.00	84.10 0.92 -54.73	28.24 0.37 0.00	25.03 0.07 0.00	26.64 -0.05 0.00	27.45 0.11 0.00	31.36 0.10 0.00	30.06 0.00 0.00	33.11 0.04 0.00	36.99 0.28 0.00	44.32 0.43 0.00	57.53 0.79 0.00	46.02 0.97 0.00	31.94 0.71 0.00	29.96 0.78 0.00	26.21 0.68 0.00	28.15 0.60 0.00
KATONAH__115KV_46KV_TB4 355592	37.74 1.78 0.00	33.20 1.41 0.00	26.22 1.17 0.00	21.96 0.92 0.00	24.19 0.95 0.00	29.42 1.07 0.00	30.27 1.24 0.00	32.89 1.36 0.00	29.95 1.51 0.00	29.56 1.69 0.00	26.63 1.67 0.00	28.57 1.88 0.00	29.22 1.89 0.00	33.40 2.14 0.00	32.25 2.19 0.00	35.64 2.57 0.00	39.56 2.85 0.00	47.26 3.37 0.00	61.01 4.27 0.00	48.24 3.18 0.00	33.32 2.09 0.00	31.05 1.87 0.00	27.07 1.55 0.00	29.01 1.46 0.00
KCE_NY_1 323755	37.70 1.73 0.00	33.31 1.52 0.00	26.19 1.13 0.00	21.97 0.93 0.00	24.27 1.03 0.00	29.51 1.16 0.00	30.32 1.29 0.00	32.88 1.35 0.00	29.67 1.23 0.00	29.08 1.21 0.00	25.97 1.01 0.00	27.86 1.17 0.00	28.61 1.28 0.00	32.68 1.43 0.00	31.37 1.30 0.00	34.50 1.44 0.00	38.47 1.76 0.00	46.10 2.21 0.00	59.74 2.99 0.00	47.68 2.63 0.00	33.02 1.79 0.00	30.80 1.62 0.00	26.83 1.31 0.00	28.90 1.35 0.00
KCE_NY_6_ESR 323823	36.32 0.35 0.00	31.94 0.14 0.00	25.05 -0.01 0.00	21.06 0.02 0.00	23.43 0.18 0.00	29.00 0.65 0.00	29.38 0.35 0.00	31.99 0.46 0.00	28.75 0.30 0.00	28.47 0.60 0.00	25.72 0.75 0.00	27.28 0.59 0.00	27.82 0.48 0.00	32.02 0.76 0.00	30.74 0.68 0.00	34.82 0.75 -0.99	36.94 0.22 0.00	44.00 0.11 0.00	56.93 0.19 0.00	44.91 -0.14 0.00	30.96 -0.27 0.00	28.90 -0.27 0.00	25.50 -0.02 0.00	27.81 0.26 0.00
KEDC_PORT_JEFF_GT2 24210	45.84 3.21 -6.67	34.57 2.77 -0.01	141.25 2.24 -113.96	22.79 1.75 0.00	25.09 1.84 0.00	30.36 2.01 0.00	30.84 1.81 0.00	33.69 2.16 0.00	30.88 2.43 0.00	30.44 2.57 0.00	29.80 2.42 -2.41	29.40 2.64 -0.08	29.85 2.51 0.00	34.25 2.92 -0.07	35.27 3.09 -2.12	40.35 3.80 -3.49	61.09 4.22 -20.16	56.07 4.75 -7.43	82.56 6.16 -19.67	50.02 4.57 -0.40	47.88 3.20 -13.44	90.33 2.90 -58.25	27.81 2.29 0.00	29.74 2.19 0.00
KEDC_PORT_JEFF_GT3 24211	45.84 3.21 -6.67	34.57 2.77 -0.01	141.25 2.24 -113.96	22.79 1.75 0.00	25.09 1.84 0.00	30.36 2.01 0.00	30.84 1.81 0.00	33.69 2.16 0.00	30.88 2.43 0.00	30.44 2.57 0.00	29.80 2.42 -2.41	29.40 2.64 -0.08	29.85 2.51 0.00	34.25 2.92 -0.07	35.27 3.09 -2.12	40.35 3.80 -3.49	61.09 4.22 -20.16	56.07 4.75 -7.43	82.56 6.16 -19.67	50.02 4.57 -0.40	47.88 3.20 -13.44	90.33 2.90 -58.25	27.81 2.29 0.00	29.74 2.19 0.00
KEDC_GLWD_GT4 24219	44.83 2.20 -6.67	33.57 1.78 0.00	28.95 1.45 -2.44	22.20 1.16 0.00	24.42 1.18 0.00	29.68 1.33 0.00	30.43 1.40 0.00	33.12 1.59 0.00	30.24 1.80 0.00	29.86 1.98 0.00	29.40 2.02 -2.41	29.05 2.28 -0.08	29.58 2.24 0.00	33.76 2.43 -0.07	34.63 2.45 -2.12	39.41 2.86 -3.49	59.97 3.12 -20.14	54.98 3.66 -7.43	81.02 4.62 -19.66	48.87 3.42 -0.40	46.96 2.29 -13.44	89.54 2.11 -58.25	27.35 1.83 0.00	29.28 1.73 0.00
KEDC_GLWD_GT5 24220	44.83 2.20 -6.67	33.57 1.78 0.00	28.95 1.45 -2.44	22.20 1.16 0.00	24.42 1.18 0.00	29.68 1.33 0.00	30.43 1.40 0.00	33.12 1.59 0.00	30.24 1.80 0.00	29.86 1.98 0.00	29.40 2.02 -2.41	29.05 2.28 -0.08	29.58 2.24 0.00	33.76 2.43 -0.07	34.63 2.45 -2.12	39.41 2.86 -3.49	59.97 3.12 -20.14	54.98 3.66 -7.43	81.02 4.62 -19.66	48.87 3.42 -0.40	46.96 2.29 -13.44	89.54 2.11 -58.25	27.35 1.83 0.00	29.28 1.73 0.00
KENSICO____ 23655	37.57 1.61 0.00	33.05 1.26 0.00	26.12 1.07 0.00	21.89 0.84 0.00	24.10 0.86 0.00	29.30 0.95 0.00	30.12 1.09 0.00	32.74 1.21 0.00	29.82 1.38 0.00	29.44 1.56 0.00	26.52 1.56 0.00	28.46 1.77 0.00	29.08 1.74 0.00	33.24 1.98 0.00	32.09 2.03 0.00	35.47 2.40 0.00	39.36 2.64 0.00	47.00 3.11 0.00	60.66 3.92 0.00	47.98 2.92 0.00	33.16 1.93 0.00	30.92 1.75 0.00	26.97 1.45 0.00	28.92 1.37 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.65 1.69 0.00	33.07 1.28 0.00	26.13 1.08 0.00	21.89 0.84 0.00	24.07 0.83 0.00	29.31 0.96 0.00	30.14 1.11 0.00	32.81 1.28 0.00	29.83 1.38 0.00	29.35 1.48 0.00	26.40 1.44 0.00	28.42 1.73 0.00	28.96 1.62 0.00	32.97 1.72 0.00	31.87 1.80 0.00	35.22 2.16 0.00	38.97 2.25 0.00	46.67 2.77 0.00	60.42 3.68 0.00	47.86 2.81 0.00	33.09 1.86 0.00	31.05 1.87 0.00	27.05 1.53 0.00	29.03 1.48 0.00
KIAC_JFK_GT1 23816	37.69 1.73 0.00	33.17 1.38 0.00	26.20 1.15 0.00	21.96 0.92 0.00	24.21 0.96 0.00	29.33 0.98 0.00	30.08 1.05 0.00	32.67 1.14 0.00	29.83 1.39 0.00	29.46 1.59 0.00	26.52 1.56 0.00	28.45 1.76 0.00	29.04 1.70 0.00	33.23 1.97 0.00	32.11 2.04 0.00	35.54 2.48 0.00	39.41 2.69 0.00	47.02 3.13 0.00	60.71 3.97 0.00	47.98 2.93 0.00	33.16 1.93 0.00	30.97 1.79 0.00	27.09 1.57 0.00	28.99 1.44 0.00
KIAC_JFK_GT2 23817	37.69 1.73 0.00	33.17 1.38 0.00	26.20 1.15 0.00	21.96 0.92 0.00	24.21 0.96 0.00	29.33 0.98 0.00	30.08 1.05 0.00	32.67 1.14 0.00	29.83 1.39 0.00	29.46 1.59 0.00	26.52 1.56 0.00	28.45 1.76 0.00	29.04 1.70 0.00	33.23 1.97 0.00	32.11 2.04 0.00	35.54 2.48 0.00	39.41 2.69 0.00	47.02 3.13 0.00	60.71 3.97 0.00	47.98 2.93 0.00	33.16 1.93 0.00	30.97 1.79 0.00	27.09 1.57 0.00	28.99 1.44 0.00
KIAC_JFK____ 323774	37.69 1.72 0.00	33.17 1.37 0.00	26.18 1.13 0.00	21.96 0.92 0.00	24.21 0.96 0.00	29.33 0.98 0.00	30.08 1.05 0.00	32.67 1.14 0.00	29.83 1.39 0.00	29.46 1.59 0.00	26.52 1.56 0.00	28.45 1.76 0.00	29.04 1.70 0.00	33.24 1.98 0.00	32.11 2.04 0.00	35.54 2.48 0.00	39.40 2.69 0.00	47.02 3.13 0.00	60.71 3.97 0.00	47.98 2.93 0.00	33.16 1.93 0.00	30.97 1.79 0.00	27.09 1.57 0.00	28.99 1.44 0.00
KINTIGH____ 23543	35.73 -0.24 0.00	31.44 -0.35 0.00	24.64 -0.42 0.00	20.74 -0.30 0.00	23.07 -0.18 0.00	28.50 0.15 0.00	28.92 -0.11 0.00	31.43 -0.10 0.00	28.26 -0.19 0.00	27.92 0.05 0.00	25.18 0.21 0.00	26.70 0.01 0.00	27.25 -0.08 0.00	31.33 0.07 0.00	30.08 0.02 0.00	33.35 -0.07 -0.36	36.14 -0.57 0.00	43.12 -0.77 0.00	55.81 -0.93 0.00	44.10 -0.96 0.00	30.42 -0.81 0.00	28.39 -0.79 0.00	25.03 -0.49 0.00	27.32 -0.23 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	37.06 1.09 0.00	32.95 1.16 0.00	25.97 0.91 0.00	21.89 0.85 0.00	24.28 1.03 0.00	29.64 1.29 0.00	30.37 1.34 0.00	32.98 1.45 0.00	81.83 1.48 -51.91	28.59 0.72 0.00	25.29 0.32 0.00	26.95 0.26 0.00	27.82 0.48 0.00	31.78 0.52 0.00	30.48 0.41 0.00	33.50 0.43 0.00	37.44 0.73 0.00	44.87 0.98 0.00	58.35 1.60 0.00	46.79 1.73 0.00	32.47 1.25 0.00	30.47 1.29 0.00	26.59 1.07 0.00	28.56 1.01 0.00

LACHUTE____HYDRO 323717	39.21 3.24 0.00	34.51 2.72 0.00	26.94 1.88 0.00	22.51 1.46 0.00	24.85 1.61 0.00	30.06 1.71 0.00	31.02 1.99 0.00	33.80 2.27 0.00	30.46 2.02 0.00	29.86 1.99 0.00	26.59 1.63 0.00	28.57 1.88 0.00	29.71 2.37 0.00	33.73 2.47 0.00	32.08 2.01 0.00	35.49 2.43 0.00	39.66 2.95 0.00	48.25 4.36 0.00	62.62 5.88 0.00	50.26 5.21 0.00	34.59 3.36 0.00	32.61 3.43 0.00	28.41 2.88 0.00	30.61 3.07 0.00
LAWRNCAV_115KV_TB1 80681	35.78 -0.18 0.00	31.75 -0.04 0.00	25.04 -0.02 0.00	20.96 -0.08 0.00	22.97 -0.28 0.00	28.00 -0.35 0.00	28.64 -0.39 0.00	31.01 -0.52 0.00	21.14 -0.92 6.39	27.00 -0.88 0.00	24.14 -0.82 0.00	25.74 -0.95 0.00	26.40 -0.94 0.00	30.22 -1.04 0.00	29.02 -1.04 0.00	31.98 -1.09 0.00	35.51 -1.20 0.00	42.49 -1.40 0.00	55.02 -1.72 0.00	43.78 -1.28 0.00	30.44 -0.79 0.00	28.50 -0.68 0.00	25.07 -0.45 0.00	27.17 -0.37 0.00
LEDERLE____ 23769	37.53 1.57 0.00	32.98 1.19 0.00	26.07 1.01 0.00	21.85 0.80 0.00	24.06 0.82 0.00	29.26 0.91 0.00	30.09 1.06 0.00	32.73 1.20 0.00	29.78 1.33 0.00	29.42 1.54 0.00	26.52 1.55 0.00	28.48 1.79 0.00	29.11 1.77 0.00	33.33 2.07 0.00	32.16 2.10 0.00	35.54 2.47 0.00	39.44 2.73 0.00	47.10 3.21 0.00	60.78 4.04 0.00	48.04 2.98 0.00	33.20 1.97 0.00	30.93 1.75 0.00	26.95 1.43 0.00	28.94 1.39 0.00
LIGHTHSE_115KV_TB6 355974	35.89 -0.07 0.00	31.66 -0.14 0.00	24.92 -0.14 0.00	20.93 -0.11 0.00	23.15 -0.10 0.00	28.34 -0.01 0.00	29.01 -0.02 0.00	31.53 0.00 0.00	28.32 -0.13 0.00	27.68 -0.20 0.00	24.76 -0.21 0.00	26.35 -0.34 0.00	27.00 -0.34 0.00	30.92 -0.34 0.00	29.60 -0.46 0.00	32.61 -0.45 0.00	35.96 -0.75 0.00	43.12 -0.78 0.00	56.01 -0.74 0.00	44.54 -0.52 0.00	31.04 -0.18 0.00	28.98 -0.20 0.00	25.34 -0.18 0.00	27.43 -0.12 0.00
LINDEN COGEN____ 23786	37.38 1.42 0.00	32.87 1.08 0.00	26.03 0.98 0.00	21.83 0.78 0.00	24.02 0.78 0.00	29.15 0.81 0.00	29.98 0.95 0.00	32.33 1.01 0.21	29.66 1.25 0.03	29.35 1.48 0.00	26.50 1.53 0.00	28.44 1.74 0.00	29.02 1.68 0.00	33.18 1.91 0.00	32.05 1.98 0.00	35.41 2.35 0.00	39.27 2.56 0.00	46.86 2.97 0.00	60.48 3.74 0.00	47.77 2.71 0.00	33.01 1.78 0.00	30.79 1.62 0.00	26.89 1.37 0.00	28.83 1.28 0.00
LINDHRST_69_KV_BK1 356055	45.68 3.05 -6.66	34.34 2.55 0.00	41.25 2.10 -14.09	22.68 1.64 0.00	24.93 1.68 0.00	30.23 1.88 0.00	30.89 1.86 0.00	33.69 2.16 0.00	30.85 2.40 0.00	30.40 2.52 0.00	29.86 2.49 -2.41	29.51 2.75 -0.07	30.00 2.66 0.00	34.34 3.01 -0.07	35.35 3.18 -2.11	40.31 3.76 -3.48	61.04 4.19 -20.14	56.22 4.90 -7.43	82.74 6.33 -19.66	50.20 4.75 -0.39	47.93 3.26 -13.44	90.34 2.91 -58.25	27.86 2.34 0.00	29.78 2.23 0.00
LIPA_MISC_IPP 23656	45.77 3.14 -6.66	34.57 2.78 -0.01	157.56 2.35 -130.15	22.83 1.79 0.00	25.14 1.89 0.00	30.33 1.98 0.00	30.66 1.63 0.00	33.53 2.00 0.00	30.74 2.30 0.00	30.29 2.42 0.00	29.66 2.29 -2.41	29.23 2.47 -0.07	29.63 2.29 0.00	34.05 2.72 -0.07	35.07 2.89 -2.11	40.08 3.53 -3.48	60.87 4.00 -20.16	56.02 4.70 -7.43	82.54 6.14 -19.66	49.98 4.53 -0.39	47.84 3.16 -13.44	90.19 2.77 -58.25	27.61 2.09 0.00	29.62 2.07 0.00
LISF____SOLAR 323691	45.84 3.21 -6.67	34.63 2.84 -0.01	153.73 2.38 -126.29	22.88 1.84 0.00	25.17 1.92 0.00	30.38 2.03 0.00	30.70 1.67 0.00	33.58 2.05 0.00	30.79 2.34 0.00	30.33 2.45 0.00	29.69 2.32 -2.41	29.27 2.50 -0.08	29.67 2.33 0.00	34.10 2.77 -0.07	35.13 2.95 -2.12	40.12 3.57 -3.49	60.94 4.07 -20.16	56.11 4.79 -7.43	82.68 6.27 -19.67	50.11 4.65 -0.40	47.91 3.24 -13.44	90.25 2.82 -58.25	27.66 2.14 0.00	29.66 2.11 0.00
LITTLE FALLS____HYD 24013	35.80 -0.16 0.00	31.52 -0.27 0.00	24.92 -0.13 0.00	20.93 -0.11 0.00	23.00 -0.24 0.00	27.98 -0.37 0.00	28.69 -0.34 0.00	31.13 -0.40 0.00	28.01 -0.43 0.00	27.39 -0.48 0.00	24.65 -0.31 0.00	26.64 -0.05 0.00	27.24 -0.10 0.00	31.11 -0.15 0.00	29.91 -0.16 0.00	32.67 -0.40 0.00	36.48 -0.23 0.00	43.78 -0.11 0.00	56.70 -0.04 0.00	45.41 0.36 0.00	31.57 0.34 0.00	29.39 0.21 0.00	25.53 0.01 0.00	27.40 -0.15 0.00
LITTLRIV_115KV_TB1 356100	36.09 0.13 0.00	32.01 0.22 0.00	25.29 0.24 0.00	21.21 0.16 0.00	23.21 -0.03 0.00	28.33 -0.02 0.00	28.98 -0.05 0.00	31.33 -0.20 0.00	20.68 -0.70 7.07	27.25 -0.62 0.00	24.39 -0.57 0.00	26.04 -0.65 0.00	26.70 -0.64 0.00	30.59 -0.67 0.00	29.41 -0.66 0.00	32.34 -0.73 0.00	35.88 -0.83 0.00	42.92 -0.97 0.00	55.60 -1.15 0.00	44.26 -0.79 0.00	30.81 -0.42 0.00	28.83 -0.35 0.00	25.35 -0.17 0.00	27.45 -0.10 0.00
LI_NEWBRDGE____DRP 323616	44.85 2.22 -6.66	33.61 1.83 0.00	29.01 1.51 -2.44	22.22 1.18 0.00	24.44 1.19 0.00	29.65 1.30 0.00	30.33 1.29 0.00	33.03 1.50 0.00	30.20 1.75 0.00	29.78 1.91 0.00	29.31 1.94 -2.41	28.92 2.16 -0.07	29.41 2.08 0.00	33.62 2.29 -0.07	34.60 2.43 -2.11	39.44 2.89 -3.48	60.07 3.21 -20.14	55.08 3.76 -7.43	81.19 4.78 -19.66	49.02 3.57 -0.39	47.11 2.44 -13.44	89.59 2.16 -58.25	27.29 1.77 0.00	29.21 1.66 0.00
LOCKPORT_115KV_TB60_63_64 80432	35.89 -0.07 0.00	31.56 -0.23 0.00	24.73 -0.32 0.00	20.83 -0.22 0.00	23.17 -0.08 0.00	28.69 0.33 0.00	28.99 -0.04 0.00	31.50 -0.03 0.00	28.31 -0.13 0.00	27.98 0.11 0.00	25.31 0.34 0.00	26.79 0.10 0.00	27.33 -0.01 0.00	31.45 0.19 0.00	30.19 0.12 0.00	35.80 0.58 -2.15	36.19 -0.53 0.00	43.06 -0.83 0.00	55.76 -0.98 0.00	44.08 -0.98 0.00	30.40 -0.83 0.00	28.36 -0.81 0.00	25.07 -0.45 0.00	27.39 -0.16 0.00
LOCKPORT____CC1 323769	35.89 -0.07 0.00	31.56 -0.23 0.00	24.77 -0.29 0.00	20.82 -0.22 0.00	23.17 -0.07 0.00	28.69 0.34 0.00	28.99 -0.04 0.00	31.51 -0.02 0.00	28.31 -0.13 0.00	27.99 0.12 0.00	25.32 0.35 0.00	26.80 0.10 0.00	27.33 -0.01 0.00	31.46 0.20 0.00	30.19 0.12 0.00	35.53 0.50 -1.96	36.18 -0.54 0.00	43.06 -0.82 0.00	55.76 -0.98 0.00	44.06 -1.00 0.00	30.39 -0.84 0.00	28.36 -0.81 0.00	25.06 -0.46 0.00	27.39 -0.15 0.00
LOCKPORT____CC2 323770	35.89 -0.07 0.00	31.56 -0.23 0.00	24.77 -0.29 0.00	20.82 -0.22 0.00	23.17 -0.07 0.00	28.69 0.34 0.00	28.99 -0.04 0.00	31.51 -0.02 0.00	28.31 -0.13 0.00	27.99 0.12 0.00	25.32 0.35 0.00	26.80 0.10 0.00	27.33 -0.01 0.00	31.46 0.20 0.00	30.19 0.12 0.00	35.53 0.50 -1.96	36.18 -0.54 0.00	43.06 -0.82 0.00	55.76 -0.98 0.00	44.06 -1.00 0.00	30.39 -0.84 0.00	28.36 -0.81 0.00	25.06 -0.46 0.00	27.39 -0.15 0.00
LOCKPORT____CC3 323771	35.89 -0.07 0.00	31.56 -0.23 0.00	24.77 -0.29 0.00	20.82 -0.22 0.00	23.17 -0.07 0.00	28.69 0.34 0.00	28.99 -0.04 0.00	31.51 -0.02 0.00	28.31 -0.13 0.00	27.99 0.12 0.00	25.32 0.35 0.00	26.80 0.10 0.00	27.33 -0.01 0.00	31.46 0.20 0.00	30.19 0.12 0.00	35.53 0.50 -1.96	36.18 -0.54 0.00	43.06 -0.82 0.00	55.76 -0.98 0.00	44.06 -1.00 0.00	30.39 -0.84 0.00	28.36 -0.81 0.00	25.06 -0.46 0.00	27.39 -0.15 0.00

LONG_LAKE_PHOENIX 24014	35.38 -0.58 0.00	31.21 -0.58 0.00	24.57 -0.49 0.00	20.68 -0.37 0.00	22.88 -0.36 0.00	28.00 -0.35 0.00	28.65 -0.38 0.00	31.16 -0.37 0.00	28.08 -0.36 0.00	27.52 -0.35 0.00	24.63 -0.33 0.00	26.32 -0.38 0.00	26.96 -0.38 0.00	30.82 -0.43 0.00	29.58 -0.49 0.00	32.47 -0.60 0.00	36.00 -0.71 0.00	43.06 -0.83 0.00	55.72 -1.02 0.00	44.27 -0.79 0.00	30.70 -0.52 0.00	28.68 -0.50 0.00	25.11 -0.41 0.00	27.21 -0.34 0.00
LOVETT___3 23632	37.36 1.40 0.00	32.85 1.06 0.00	25.96 0.91 0.00	21.75 0.71 0.00	23.97 0.72 0.00	29.14 0.79 0.00	29.97 0.93 0.00	32.58 1.05 0.00	29.64 1.20 0.00	29.26 1.39 0.00	26.37 1.41 0.00	28.32 1.63 0.00	28.93 1.60 0.00	33.10 1.84 0.00	31.95 1.89 0.00	35.31 2.25 0.00	39.19 2.48 0.00	46.80 2.91 0.00	60.42 3.68 0.00	47.75 2.70 0.00	33.01 1.78 0.00	30.76 1.59 0.00	26.82 1.30 0.00	28.79 1.24 0.00
LOVETT___4 23642	37.36 1.40 0.00	32.85 1.06 0.00	25.96 0.91 0.00	21.75 0.71 0.00	23.97 0.72 0.00	29.14 0.79 0.00	29.97 0.93 0.00	32.58 1.05 0.00	29.64 1.20 0.00	29.26 1.39 0.00	26.37 1.41 0.00	28.32 1.63 0.00	28.93 1.60 0.00	33.10 1.84 0.00	31.95 1.89 0.00	35.31 2.25 0.00	39.19 2.48 0.00	46.80 2.91 0.00	60.42 3.68 0.00	47.75 2.70 0.00	33.01 1.78 0.00	30.76 1.59 0.00	26.82 1.30 0.00	28.79 1.24 0.00
LOVETT___5 23593	37.36 1.40 0.00	32.85 1.06 0.00	25.96 0.91 0.00	21.75 0.71 0.00	23.97 0.72 0.00	29.14 0.79 0.00	29.97 0.93 0.00	32.58 1.05 0.00	29.64 1.20 0.00	29.26 1.39 0.00	26.37 1.41 0.00	28.32 1.63 0.00	28.93 1.60 0.00	33.10 1.84 0.00	31.95 1.89 0.00	35.31 2.25 0.00	39.19 2.48 0.00	46.80 2.91 0.00	60.42 3.68 0.00	47.75 2.70 0.00	33.01 1.78 0.00	30.76 1.59 0.00	26.82 1.30 0.00	28.79 1.24 0.00
LOWER RAQUET___HYD 24057	35.78 -0.18 0.00	31.74 -0.05 0.00	25.03 -0.02 0.00	20.94 -0.11 0.00	22.91 -0.34 0.00	27.92 -0.43 0.00	28.57 -0.46 0.00	30.92 -0.61 0.00	19.72 -1.01 7.71	26.87 -1.00 0.00	24.03 -0.93 0.00	25.62 -1.08 0.00	26.28 -1.06 0.00	30.09 -1.17 0.00	28.89 -1.18 0.00	31.84 -1.23 0.00	35.34 -1.37 0.00	42.30 -1.59 0.00	54.81 -1.93 0.00	43.62 -1.44 0.00	30.34 -0.89 0.00	28.39 -0.78 0.00	25.00 -0.52 0.00	27.14 -0.41 0.00
LOWER___HUDSON 24059	37.26 1.30 0.00	32.96 1.17 0.00	26.00 0.95 0.00	21.83 0.78 0.00	24.07 0.82 0.00	29.22 0.87 0.00	29.96 0.93 0.00	32.47 0.94 0.00	29.31 0.86 0.00	28.73 0.86 0.00	25.70 0.73 0.00	27.58 0.89 0.00	28.31 0.97 0.00	32.31 1.06 0.00	31.03 0.96 0.00	34.06 0.99 0.00	37.88 1.17 0.00	45.40 1.51 0.00	58.78 2.04 0.00	46.93 1.87 0.00	32.50 1.27 0.00	30.31 1.13 0.00	26.43 0.91 0.00	28.50 0.95 0.00
LOWVILLE_115KV_TB2 356335	36.71 0.75 0.00	32.41 0.62 0.00	25.55 0.50 0.00	21.45 0.41 0.00	23.64 0.40 0.00	28.93 0.58 0.00	29.64 0.60 0.00	32.17 0.64 0.00	26.59 0.35 2.20	28.11 0.24 0.00	25.18 0.22 0.00	26.80 0.10 0.00	27.49 0.15 0.00	31.52 0.26 0.00	30.20 0.14 0.00	33.30 0.23 0.00	36.61 -0.10 0.00	44.09 0.20 0.00	57.38 0.64 0.00	45.70 0.65 0.00	31.84 0.61 0.00	29.55 0.38 0.00	25.78 0.26 0.00	27.86 0.31 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	37.69 1.73 0.00	33.28 1.49 0.00	26.19 1.14 0.00	21.97 0.93 0.00	24.28 1.03 0.00	29.50 1.16 0.00	30.30 1.27 0.00	32.86 1.33 0.00	29.67 1.22 0.00	29.07 1.20 0.00	25.96 1.00 0.00	27.86 1.17 0.00	28.60 1.26 0.00	32.66 1.41 0.00	31.36 1.29 0.00	34.50 1.44 0.00	38.41 1.70 0.00	46.05 2.16 0.00	59.69 2.95 0.00	47.64 2.58 0.00	33.00 1.77 0.00	30.79 1.62 0.00	26.84 1.32 0.00	28.89 1.35 0.00
LUTHERNY_35_KV_BK2 355980	37.70 1.73 0.00	33.31 1.52 0.00	26.20 1.14 0.00	21.97 0.93 0.00	24.28 1.03 0.00	29.51 1.16 0.00	30.32 1.29 0.00	32.88 1.35 0.00	29.67 1.23 0.00	29.08 1.21 0.00	25.97 1.01 0.00	27.86 1.17 0.00	28.61 1.27 0.00	32.69 1.43 0.00	31.37 1.30 0.00	34.50 1.43 0.00	38.47 1.76 0.00	46.10 2.21 0.00	59.74 3.00 0.00	47.68 2.63 0.00	33.02 1.79 0.00	30.80 1.62 0.00	26.83 1.31 0.00	28.90 1.35 0.00
LWR___OSWEGATCHIE_HYD 23850	36.25 0.29 0.00	32.07 0.28 0.00	25.27 0.21 0.00	21.17 0.13 0.00	23.28 0.03 0.00	28.44 0.09 0.00	29.11 0.08 0.00	31.56 0.03 0.00	22.86 -0.35 5.24	27.46 -0.41 0.00	24.56 -0.41 0.00	26.13 -0.57 0.00	26.80 -0.54 0.00	30.72 -0.54 0.00	29.45 -0.62 0.00	32.51 -0.56 0.00	35.90 -0.81 0.00	43.09 -0.80 0.00	56.01 -0.73 0.00	44.60 -0.45 0.00	31.08 -0.15 0.00	28.91 -0.26 0.00	25.34 -0.18 0.00	27.44 -0.11 0.00
LYONS_FALL_HYD 23570	36.72 0.76 0.00	32.41 0.62 0.00	25.58 0.53 0.00	21.47 0.43 0.00	23.66 0.42 0.00	28.95 0.60 0.00	29.66 0.63 0.00	32.20 0.67 0.00	27.44 0.45 1.46	28.25 0.38 0.00	25.30 0.34 0.00	27.00 0.31 0.00	27.72 0.38 0.00	31.76 0.50 0.00	30.46 0.40 0.00	33.51 0.44 0.00	36.95 0.24 0.00	44.43 0.54 0.00	57.71 0.96 0.00	45.92 0.87 0.00	31.94 0.71 0.00	29.70 0.52 0.00	25.91 0.39 0.00	27.98 0.43 0.00
MADISON___COUNTY_LFGE 323628	36.77 0.81 0.00	32.42 0.63 0.00	25.59 0.53 0.00	21.49 0.44 0.00	23.69 0.45 0.00	29.00 0.65 0.00	29.71 0.68 0.00	32.29 0.75 0.00	29.06 0.62 0.00	28.45 0.58 0.00	25.52 0.56 0.00	27.33 0.64 0.00	28.04 0.69 0.00	32.09 0.83 0.00	30.82 0.76 0.00	33.81 0.75 0.00	37.44 0.73 0.00	44.89 1.00 0.00	58.11 1.37 0.00	46.25 1.19 0.00	32.11 0.88 0.00	29.93 0.76 0.00	26.12 0.60 0.00	28.18 0.63 0.00
MALONE___115KV_TB1 356076	36.68 0.72 0.00	32.59 0.80 0.00	25.70 0.64 0.00	21.60 0.56 0.00	23.86 0.62 0.00	29.12 0.77 0.00	29.82 0.79 0.00	32.34 0.81 0.00	-5.01 0.82 34.27	28.15 0.28 0.00	25.02 0.05 0.00	26.64 -0.05 0.00	27.45 0.11 0.00	31.34 0.08 0.00	30.05 -0.02 0.00	33.07 0.00 0.00	36.91 0.19 0.00	44.22 0.33 0.00	57.43 0.69 0.00	45.93 0.87 0.00	31.89 0.66 0.00	29.89 0.71 0.00	26.18 0.66 0.00	28.16 0.61 0.00
MAPLEWOD_115KV_TB3 80458	37.16 1.19 0.00	32.82 1.03 0.00	25.89 0.84 0.00	21.75 0.71 0.00	23.99 0.75 0.00	29.12 0.77 0.00	29.89 0.86 0.00	32.43 0.89 0.00	29.31 0.87 0.00	28.75 0.88 0.00	25.75 0.79 0.00	27.65 0.96 0.00	28.36 1.03 0.00	32.40 1.14 0.00	31.16 1.09 0.00	34.24 1.17 0.00	38.08 1.36 0.00	45.58 1.69 0.00	58.98 2.24 0.00	46.99 1.93 0.00	32.53 1.30 0.00	30.31 1.14 0.00	26.43 0.90 0.00	28.45 0.91 0.00
MAPLE RIDGE_WT_1 323574	35.96 0.00 0.00	31.76 -0.03 0.00	25.03 -0.02 0.00	21.02 -0.02 0.00	23.22 -0.02 0.00	28.32 -0.03 0.00	29.01 -0.02 0.00	31.52 -0.01 0.00	28.46 0.01 0.00	27.88 0.01 0.00	24.96 0.00 0.00	26.63 -0.06 0.00	27.28 -0.06 0.00	31.18 -0.07 0.00	30.05 -0.02 0.00	33.04 -0.03 0.00	36.61 -0.11 0.00	43.78 -0.11 0.00	56.78 0.04 0.00	45.11 0.05 0.00	31.20 -0.02 0.00	29.01 -0.17 0.00	25.38 -0.15 0.00	27.43 -0.12 0.00

MAPLE RIDGE_WT_2 323611	35.96 0.00 0.00	31.76 -0.03 0.00	25.03 -0.02 0.00	21.02 -0.02 0.00	23.22 -0.02 0.00	28.32 -0.03 0.00	29.01 -0.02 0.00	31.52 -0.01 0.00	28.46 0.01 0.00	27.88 0.01 0.00	24.96 0.00 0.00	26.63 -0.06 0.00	27.28 -0.06 0.00	31.18 -0.07 0.00	30.05 -0.02 0.00	33.04 -0.03 0.00	36.61 -0.11 0.00	43.78 -0.11 0.00	56.78 0.04 0.00	45.11 0.05 0.00	31.20 -0.02 0.00	29.01 -0.17 0.00	25.38 -0.15 0.00	27.43 -0.12 0.00
MARBLE RIVER_WT_PWR 323696	36.65 0.68 0.00	32.60 0.81 0.00	25.69 0.64 0.00	21.65 0.61 0.00	24.01 0.76 0.00	29.31 0.96 0.00	29.99 0.96 0.00	32.55 1.02 0.00	80.39 1.02 -50.92	28.32 0.45 0.00	25.09 0.13 0.00	26.71 0.02 0.00	27.53 0.19 0.00	31.45 0.19 0.00	30.15 0.08 0.00	33.20 0.13 0.00	37.09 0.38 0.00	44.44 0.55 0.00	57.71 0.97 0.00	46.19 1.13 0.00	32.04 0.81 0.00	30.07 0.89 0.00	26.28 0.76 0.00	28.23 0.69 0.00
MARSHVLE_115KV_TB1 80742	38.78 2.82 0.00	34.24 2.45 0.00	26.84 1.79 0.00	22.51 1.47 0.00	25.05 1.80 0.00	30.69 2.34 0.00	31.47 2.43 0.00	34.10 2.57 0.00	30.66 2.22 0.00	29.96 2.09 0.00	26.59 1.63 0.00	28.30 1.61 0.00	29.18 1.84 0.00	33.48 2.22 0.00	32.24 2.18 0.00	35.53 2.47 0.00	39.29 2.58 0.00	47.11 3.22 0.00	61.01 4.27 0.00	48.62 3.57 0.00	33.80 2.57 0.00	31.54 2.36 0.00	27.58 2.06 0.00	29.81 2.25 0.00
MARSH_HILL_WT_PWR 323713	36.79 0.83 0.00	32.28 0.49 0.00	25.38 0.32 0.00	21.30 0.26 0.00	23.69 0.44 0.00	29.26 0.91 0.00	29.81 0.78 0.00	32.36 0.83 0.00	29.10 0.65 0.00	28.74 0.87 0.00	25.80 0.84 0.00	27.42 0.73 0.00	28.06 0.72 0.00	32.19 0.93 0.00	30.96 0.89 0.00	34.54 1.10 -0.38	37.62 0.90 0.00	44.89 1.00 0.00	58.22 1.48 0.00	46.06 1.00 0.00	31.84 0.61 0.00	29.77 0.60 0.00	26.14 0.62 0.00	28.28 0.73 0.00
MCINTYRE_115KV_TB2 80467	36.30 0.33 0.00	32.19 0.40 0.00	25.43 0.37 0.00	21.36 0.31 0.00	23.47 0.22 0.00	28.65 0.30 0.00	29.30 0.27 0.00	31.65 0.12 0.00	21.98 -0.43 6.04	27.56 -0.32 0.00	24.66 -0.30 0.00	26.31 -0.38 0.00	26.97 -0.37 0.00	30.90 -0.36 0.00	29.72 -0.34 0.00	32.72 -0.35 0.00	36.31 -0.40 0.00	43.42 -0.47 0.00	56.22 -0.52 0.00	44.74 -0.32 0.00	31.15 -0.07 0.00	29.18 0.00 0.00	25.63 0.11 0.00	27.66 0.11 0.00
MECO____69_KV_BK1 80468	40.03 4.07 0.00	35.24 3.44 0.00	27.88 2.82 0.00	23.43 2.39 0.00	25.79 2.54 0.00	31.61 3.26 0.00	32.36 3.33 0.00	34.61 3.08 0.00	30.88 2.43 0.00	30.09 2.22 0.00	26.33 1.37 0.00	28.71 2.02 0.00	29.94 2.60 0.00	34.48 3.22 0.00	32.57 2.51 0.00	35.97 2.90 0.00	39.59 2.88 0.00	47.81 3.92 0.00	62.55 5.81 0.00	50.91 5.85 0.00	35.28 4.05 0.00	32.82 3.64 0.00	28.60 3.08 0.00	30.91 3.36 0.00
MENANDS__115KV_TB5 355628	36.81 0.84 0.00	32.53 0.74 0.00	25.67 0.61 0.00	21.56 0.52 0.00	23.79 0.54 0.00	28.85 0.50 0.00	29.61 0.58 0.00	32.10 0.57 0.00	29.02 0.58 0.00	28.49 0.61 0.00	25.53 0.56 0.00	27.38 0.69 0.00	28.09 0.76 0.00	32.09 0.83 0.00	30.85 0.78 0.00	33.91 0.84 0.00	37.70 0.98 0.00	45.12 1.23 0.00	58.36 1.61 0.00	46.50 1.44 0.00	32.18 0.96 0.00	30.00 0.82 0.00	26.16 0.64 0.00	28.17 0.62 0.00
MG INDUSTRY__DRP 24185	36.95 0.99 0.00	32.64 0.85 0.00	25.77 0.72 0.00	21.65 0.60 0.00	23.88 0.63 0.00	29.00 0.65 0.00	29.75 0.72 0.00	32.25 0.72 0.00	29.11 0.66 0.00	28.55 0.68 0.00	25.59 0.63 0.00	27.44 0.75 0.00	28.15 0.81 0.00	32.15 0.89 0.00	30.92 0.85 0.00	34.00 0.93 0.00	37.82 1.11 0.00	45.23 1.34 0.00	58.52 1.78 0.00	46.63 1.57 0.00	32.29 1.06 0.00	30.10 0.93 0.00	26.26 0.74 0.00	28.30 0.75 0.00
MID____OSWEGATCHIE_HYD 23849	36.25 0.29 0.00	32.07 0.28 0.00	25.27 0.21 0.00	21.17 0.13 0.00	23.28 0.03 0.00	28.44 0.09 0.00	29.11 0.08 0.00	31.56 0.03 0.00	22.86 -0.35 5.24	27.46 -0.41 0.00	24.56 -0.41 0.00	26.13 -0.57 0.00	26.80 -0.54 0.00	30.72 -0.54 0.00	29.45 -0.62 0.00	32.51 -0.56 0.00	35.90 -0.81 0.00	43.09 -0.80 0.00	56.01 -0.73 0.00	44.60 -0.45 0.00	31.08 -0.15 0.00	28.91 -0.26 0.00	25.34 -0.18 0.00	27.44 -0.11 0.00
MID____RAQUETTE_HYD 23851	35.78 -0.18 0.00	31.74 -0.05 0.00	25.03 -0.03 0.00	20.94 -0.11 0.00	22.90 -0.34 0.00	27.93 -0.42 0.00	28.57 -0.46 0.00	30.92 -0.60 0.00	19.72 -1.01 7.71	26.87 -1.00 0.00	24.03 -0.93 0.00	25.62 -1.08 0.00	26.28 -1.06 0.00	30.09 -1.17 0.00	28.89 -1.18 0.00	31.84 -1.23 0.00	35.34 -1.37 0.00	42.30 -1.59 0.00	54.81 -1.93 0.00	43.62 -1.43 0.00	30.34 -0.89 0.00	28.39 -0.78 0.00	25.00 -0.52 0.00	27.14 -0.41 0.00
MILLIKEN____1 23584	36.60 0.63 0.00	32.24 0.45 0.00	25.36 0.31 0.00	21.33 0.28 0.00	23.62 0.38 0.00	28.93 0.58 0.00	29.59 0.56 0.00	32.26 0.73 0.00	29.03 0.58 0.00	28.42 0.55 0.00	25.48 0.52 0.00	27.27 0.57 0.00	27.85 0.51 0.00	31.89 0.63 0.00	30.69 0.62 0.00	33.61 0.55 0.00	37.28 0.57 0.00	44.66 0.77 0.00	58.00 1.25 0.00	46.11 1.06 0.00	31.97 0.74 0.00	29.83 0.66 0.00	26.05 0.53 0.00	28.15 0.60 0.00
MILLIKEN____2 23585	36.60 0.63 0.00	32.24 0.45 0.00	25.36 0.31 0.00	21.33 0.28 0.00	23.62 0.38 0.00	28.93 0.58 0.00	29.59 0.56 0.00	32.26 0.73 0.00	29.03 0.58 0.00	28.42 0.55 0.00	25.48 0.52 0.00	27.27 0.57 0.00	27.85 0.51 0.00	31.89 0.63 0.00	30.69 0.62 0.00	33.61 0.55 0.00	37.28 0.57 0.00	44.66 0.77 0.00	58.00 1.25 0.00	46.11 1.06 0.00	31.97 0.74 0.00	29.83 0.66 0.00	26.05 0.53 0.00	28.15 0.60 0.00
MILLIKEN____DIESEL 23629	36.60 0.63 0.00	32.24 0.45 0.00	25.36 0.31 0.00	21.33 0.28 0.00	23.62 0.38 0.00	28.93 0.58 0.00	29.59 0.56 0.00	32.26 0.73 0.00	29.03 0.58 0.00	28.42 0.55 0.00	25.48 0.52 0.00	27.27 0.57 0.00	27.85 0.51 0.00	31.89 0.63 0.00	30.69 0.62 0.00	33.61 0.55 0.00	37.28 0.57 0.00	44.66 0.77 0.00	58.00 1.25 0.00	46.11 1.06 0.00	31.97 0.74 0.00	29.83 0.66 0.00	26.05 0.53 0.00	28.15 0.60 0.00
MILLSEAT____LFGE 323607	36.51 0.55 0.00	32.09 0.30 0.00	25.18 0.12 0.00	21.16 0.12 0.00	23.54 0.29 0.00	29.14 0.79 0.00	29.51 0.48 0.00	32.10 0.57 0.00	28.81 0.37 0.00	28.43 0.56 0.00	25.70 0.74 0.00	27.22 0.53 0.00	27.79 0.45 0.00	31.99 0.73 0.00	30.70 0.64 0.00	42.65 1.70 -7.89	36.89 0.18 0.00	43.94 0.05 0.00	57.01 0.26 0.00	45.17 0.11 0.00	31.17 -0.06 0.00	29.07 -0.11 0.00	25.61 0.09 0.00	27.92 0.37 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.50 1.54 0.00	32.99 1.20 0.00	26.07 1.01 0.00	21.84 0.79 0.00	24.06 0.82 0.00	29.25 0.91 0.00	30.07 1.04 0.00	32.69 1.16 0.00	29.75 1.31 0.00	29.36 1.49 0.00	26.45 1.49 0.00	28.39 1.70 0.00	29.01 1.67 0.00	33.17 1.91 0.00	32.02 1.96 0.00	35.38 2.32 0.00	39.27 2.56 0.00	46.90 3.00 0.00	60.55 3.81 0.00	47.88 2.83 0.00	33.10 1.87 0.00	30.85 1.68 0.00	26.91 1.39 0.00	28.87 1.32 0.00

MILLWOOD_13_KV_LOAD 356217	37.60 1.63 0.00	33.08 1.29 0.00	26.14 1.09 0.00	21.90 0.85 0.00	24.12 0.87 0.00	29.32 0.97 0.00	30.15 1.12 0.00	32.78 1.25 0.00	29.85 1.40 0.00	29.45 1.58 0.00	26.54 1.58 0.00	28.48 1.79 0.00	29.10 1.76 0.00	33.27 2.01 0.00	32.13 2.07 0.00	35.52 2.45 0.00	39.42 2.71 0.00	47.08 3.19 0.00	60.76 4.01 0.00	48.04 2.99 0.00	33.20 1.97 0.00	30.95 1.78 0.00	26.99 1.47 0.00	28.95 1.40 0.00
MODEL_CITY_ENERGY 24167	35.52 -0.44 0.00	31.24 -0.55 0.00	24.52 -0.53 0.00	20.62 -0.42 0.00	22.94 -0.30 0.00	28.41 0.06 0.00	28.69 -0.34 0.00	31.18 -0.35 0.00	28.01 -0.44 0.00	27.68 -0.19 0.00	25.04 0.08 0.00	26.49 -0.20 0.00	27.02 -0.32 0.00	31.09 -0.17 0.00	29.84 -0.22 0.00	34.71 -0.03 -1.66	35.73 -0.98 0.00	42.52 -1.37 0.00	55.04 -1.69 0.00	43.52 -1.54 0.00	30.02 -1.20 0.00	28.02 -1.16 0.00	24.78 -0.74 0.00	27.11 -0.44 0.00
MODERN_LFGE_ 323580	35.52 -0.44 0.00	31.24 -0.55 0.00	24.52 -0.53 0.00	20.62 -0.42 0.00	22.94 -0.30 0.00	28.41 0.06 0.00	28.69 -0.34 0.00	31.18 -0.35 0.00	28.01 -0.44 0.00	27.68 -0.19 0.00	25.04 0.08 0.00	26.49 -0.20 0.00	27.02 -0.32 0.00	31.09 -0.17 0.00	29.84 -0.22 0.00	34.71 -0.03 -1.66	35.73 -0.98 0.00	42.52 -1.37 0.00	55.04 -1.69 0.00	43.52 -1.54 0.00	30.02 -1.20 0.00	28.02 -1.16 0.00	24.78 -0.74 0.00	27.11 -0.44 0.00
MOHAWK_PAPER___DRP 24187	37.16 1.19 0.00	32.82 1.03 0.00	25.89 0.84 0.00	21.75 0.71 0.00	23.99 0.75 0.00	29.12 0.77 0.00	29.89 0.86 0.00	32.43 0.89 0.00	29.31 0.87 0.00	28.75 0.88 0.00	25.75 0.79 0.00	27.65 0.96 0.00	28.36 1.03 0.00	32.40 1.14 0.00	31.16 1.09 0.00	34.24 1.17 0.00	38.08 1.36 0.00	45.58 1.69 0.00	58.98 2.24 0.00	46.99 1.93 0.00	32.53 1.30 0.00	30.31 1.14 0.00	26.43 0.90 0.00	28.45 0.91 0.00
MOHICAN__35_KV_115KV_LD 80490	37.70 1.74 0.00	33.25 1.46 0.00	26.11 1.05 0.00	21.88 0.83 0.00	24.18 0.93 0.00	29.36 1.01 0.00	30.19 1.16 0.00	32.78 1.25 0.00	29.58 1.14 0.00	28.97 1.10 0.00	25.75 0.79 0.00	27.65 0.96 0.00	28.47 1.13 0.00	32.43 1.17 0.00	31.05 0.99 0.00	34.24 1.17 0.00	38.12 1.41 0.00	45.84 1.95 0.00	59.56 2.81 0.00	47.75 2.70 0.00	33.09 1.86 0.00	30.94 1.76 0.00	26.96 1.44 0.00	29.00 1.46 0.00
MONGAUP___HYD 23641	37.86 1.90 0.00	33.28 1.49 0.00	26.31 1.25 0.00	22.05 1.00 0.00	24.25 1.00 0.00	29.54 1.19 0.00	30.34 1.31 0.00	33.00 1.47 0.00	29.87 1.43 0.00	29.31 1.44 0.00	26.27 1.31 0.00	28.11 1.41 0.00	28.90 1.56 0.00	33.02 1.76 0.00	31.73 1.67 0.00	35.04 1.97 0.00	39.00 2.29 0.00	46.58 2.69 0.00	60.54 3.80 0.00	48.07 3.02 0.00	33.32 2.10 0.00	31.12 1.94 0.00	27.17 1.65 0.00	29.19 1.64 0.00
MONTAUK___DIESEL 23721	47.50 4.87 -6.66	36.06 4.27 -0.01	157.43 3.51 -128.87	23.76 2.72 0.00	26.28 3.03 0.00	31.62 3.27 0.00	31.88 2.85 0.00	34.94 3.41 0.00	32.13 3.69 0.00	31.79 3.91 0.00	31.02 3.66 -2.41	30.74 3.97 -0.07	31.17 3.84 0.00	35.96 4.62 -0.07	36.93 4.75 -2.11	42.08 5.53 -3.48	63.01 6.15 -20.16	58.62 7.30 -7.43	85.90 9.50 -19.66	52.55 7.10 -0.39	49.66 4.99 -13.44	91.76 4.33 -58.25	28.83 3.31 0.00	30.87 3.32 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.95 0.98 0.00	32.43 0.64 0.00	25.29 0.23 0.00	21.28 0.23 0.00	23.74 0.50 0.00	29.42 1.07 0.00	29.93 0.90 0.00	32.72 1.19 0.00	29.40 0.95 0.00	29.20 1.33 0.00	26.35 1.39 0.00	27.96 1.27 0.00	28.49 1.15 0.00	32.82 1.56 0.00	31.47 1.41 0.00	35.51 1.57 -0.87	37.94 1.23 0.00	45.23 1.34 0.00	58.49 1.75 0.00	46.05 0.99 0.00	31.72 0.49 0.00	29.66 0.48 0.00	26.32 0.80 0.00	28.63 1.08 0.00
MORTIMER_115KV_TB3 55949	36.21 0.24 0.00	31.87 0.08 0.00	24.98 -0.08 0.00	21.00 -0.04 0.00	23.33 0.09 0.00	28.77 0.42 0.00	29.29 0.25 0.00	31.85 0.32 0.00	28.67 0.23 0.00	28.27 0.41 0.00	25.44 0.47 0.00	27.04 0.35 0.00	27.65 0.31 0.00	31.72 0.47 0.00	30.50 0.43 0.00	32.64 0.22 0.65	36.85 0.14 0.00	44.07 0.18 0.00	57.08 0.34 0.00	45.19 0.13 0.00	31.19 -0.03 0.00	29.07 -0.10 0.00	25.52 0.00 0.00	27.73 0.18 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.68 1.72 0.00	33.15 1.35 0.00	26.20 1.14 0.00	21.95 0.91 0.00	24.17 0.93 0.00	29.37 1.02 0.00	30.21 1.17 0.00	32.82 1.30 0.00	29.94 1.50 0.00	29.57 1.70 0.00	26.66 1.70 0.00	28.61 1.92 0.00	29.20 1.86 0.00	33.37 2.11 0.00	32.24 2.17 0.00	35.64 2.57 0.00	39.53 2.82 0.00	47.18 3.29 0.00	60.89 4.15 0.00	48.12 3.07 0.00	33.26 2.03 0.00	31.02 1.85 0.00	27.07 1.55 0.00	29.02 1.47 0.00
MUNSVILLE_WIND_PWR 323609	38.45 2.48 0.00	33.74 1.95 0.00	26.63 1.57 0.00	22.36 1.32 0.00	24.73 1.48 0.00	30.37 2.03 0.00	31.10 2.07 0.00	33.90 2.37 0.00	30.47 2.03 0.00	29.72 1.85 0.00	26.57 1.61 0.00	28.53 1.84 0.00	29.34 2.01 0.00	33.42 2.16 0.00	32.25 2.18 0.00	34.95 1.88 0.00	38.85 2.14 0.00	46.75 2.86 0.00	60.92 4.18 0.00	48.78 3.73 0.00	33.86 2.63 0.00	31.55 2.37 0.00	27.45 1.93 0.00	29.55 2.00 0.00
N SALMON___HYD 24042	36.68 0.72 0.00	32.59 0.80 0.00	25.69 0.64 0.00	21.60 0.55 0.00	23.86 0.62 0.00	29.12 0.77 0.00	29.82 0.79 0.00	32.34 0.81 0.00	-5.01 0.82 34.27	28.15 0.28 0.00	25.02 0.05 0.00	26.64 -0.05 0.00	27.45 0.11 0.00	31.34 0.08 0.00	30.05 -0.02 0.00	33.07 0.00 0.00	36.91 0.19 0.00	44.22 0.33 0.00	57.43 0.69 0.00	45.93 0.87 0.00	31.89 0.66 0.00	29.89 0.71 0.00	26.18 0.66 0.00	28.16 0.61 0.00
N.AKRON__115KV_KNAPP 355671	36.39 0.42 0.00	31.98 0.19 0.00	25.06 0.01 0.00	21.11 0.06 0.00	23.46 0.21 0.00	29.05 0.70 0.00	29.40 0.36 0.00	31.97 0.44 0.00	28.72 0.28 0.00	28.36 0.49 0.00	25.65 0.69 0.00	27.18 0.49 0.00	27.73 0.39 0.00	32.01 0.75 0.00	30.70 0.63 0.00	43.16 3.17 -6.93	36.92 0.20 0.00	43.82 -0.07 0.00	56.75 0.01 0.00	44.92 -0.14 0.00	30.99 -0.24 0.00	28.90 -0.28 0.00	25.49 -0.03 0.00	27.81 0.26 0.00
N.BELMOR_69_KV_BK1 55787	45.07 2.44 -6.66	33.85 2.06 0.00	29.18 1.69 -2.44	22.36 1.32 0.00	24.58 1.33 0.00	29.85 1.50 0.00	30.53 1.50 0.00	33.26 1.73 0.00	30.41 1.97 0.00	30.00 2.13 0.00	29.52 2.16 -2.41	29.16 2.40 -0.07	29.67 2.34 0.00	33.87 2.54 -0.07	34.86 2.68 -2.11	39.70 3.16 -3.48	60.39 3.54 -20.14	55.47 4.15 -7.43	81.68 5.28 -19.66	49.39 3.94 -0.39	47.34 2.67 -13.44	89.83 2.41 -58.25	27.53 2.01 0.00	29.39 1.85 0.00
N.E._GEN_SANDY PD 24062	37.25 1.29 0.00	37.87 1.15 -4.93	34.92 0.94 -8.92	22.15 0.75 -0.36	27.57 0.77 -3.55	33.04 0.81 -3.89	30.92 0.90 -0.99	30.20 0.89 2.22	28.63 0.91 0.72	28.61 0.95 0.21	25.83 0.87 0.00	27.72 1.03 0.00	28.42 1.08 0.00	32.44 1.19 0.00	31.19 1.13 0.00	34.51 1.22 -0.22	38.09 1.38 0.00	45.63 1.74 0.00	59.00 2.26 0.00	47.40 1.92 -0.42	32.50 1.27 0.00	31.96 1.13 -1.66	28.83 0.92 -2.39	30.87 0.93 -2.38

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	37.42 1.45 0.00	32.90 1.11 0.00	25.99 0.94 0.00	21.78 0.74 0.00	23.99 0.75 0.00	29.18 0.83 0.00	30.00 0.97 0.00	32.62 1.09 0.00	29.68 1.24 0.00	29.31 1.44 0.00	26.42 1.46 0.00	28.37 1.68 0.00	29.00 1.66 0.00	33.18 1.92 0.00	32.03 1.96 0.00	35.41 2.34 0.00	39.29 2.58 0.00	46.92 3.03 0.00	60.56 3.82 0.00	47.87 2.81 0.00	33.08 1.85 0.00	30.82 1.65 0.00	26.87 1.35 0.00	28.84 1.29 0.00
N. QUEENS_27_KV_LOAD 356247	37.69 1.73 0.00	33.15 1.36 0.00	26.24 1.18 0.00	21.99 0.95 0.00	24.20 0.95 0.00	29.39 1.04 0.00	30.25 1.22 0.00	32.87 1.34 0.00	29.99 1.55 0.00	29.60 1.73 0.00	26.67 1.71 0.00	28.61 1.92 0.00	29.19 1.85 0.00	33.33 2.08 0.00	32.24 2.18 0.00	35.65 2.58 0.00	39.54 2.83 0.00	47.21 3.32 0.00	60.85 4.11 0.00	48.11 3.06 0.00	33.27 2.05 0.00	31.09 1.91 0.00	27.13 1.61 0.00	29.02 1.47 0.00
N. TROY___115KV_TB1 355778	37.27 1.30 0.00	32.96 1.17 0.00	26.01 0.95 0.00	21.83 0.78 0.00	24.07 0.82 0.00	29.22 0.87 0.00	29.97 0.93 0.00	32.47 0.94 0.00	29.31 0.86 0.00	28.73 0.86 0.00	25.70 0.73 0.00	27.58 0.89 0.00	28.31 0.97 0.00	32.32 1.06 0.00	31.03 0.96 0.00	34.06 0.99 0.00	37.88 1.17 0.00	45.40 1.51 0.00	58.78 2.04 0.00	46.93 1.87 0.00	32.50 1.27 0.00	30.31 1.14 0.00	26.43 0.91 0.00	28.50 0.95 0.00
NARROWS_GT1_1 24228	37.80 1.83 0.00	33.22 1.43 0.00	26.30 1.25 0.00	22.04 1.00 0.00	24.26 1.01 0.00	29.46 1.11 0.00	30.31 1.28 0.00	32.88 1.35 0.00	30.02 1.58 0.00	29.64 1.77 0.00	26.74 1.78 0.00	28.71 2.01 0.00	29.30 1.96 0.00	33.52 2.26 0.00	32.39 2.33 0.00	35.82 2.74 0.00	39.69 2.98 0.00	47.37 3.48 0.00	61.14 4.40 0.00	48.33 3.28 0.00	33.45 2.22 0.00	31.21 2.03 0.00	27.25 1.72 0.00	29.18 1.62 0.00
NARROWS_GT1_2 24229	37.80 1.83 0.00	33.22 1.43 0.00	26.30 1.25 0.00	22.04 1.00 0.00	24.26 1.01 0.00	29.46 1.11 0.00	30.31 1.28 0.00	32.88 1.35 0.00	30.02 1.58 0.00	29.64 1.77 0.00	26.74 1.78 0.00	28.71 2.01 0.00	29.30 1.96 0.00	33.52 2.26 0.00	32.39 2.33 0.00	35.82 2.74 0.00	39.69 2.98 0.00	47.37 3.48 0.00	61.14 4.40 0.00	48.33 3.28 0.00	33.45 2.22 0.00	31.21 2.03 0.00	27.25 1.72 0.00	29.18 1.62 0.00
NARROWS_GT1_3 24230	37.80 1.83 0.00	33.22 1.43 0.00	26.30 1.25 0.00	22.04 1.00 0.00	24.26 1.01 0.00	29.46 1.11 0.00	30.31 1.28 0.00	32.88 1.35 0.00	30.02 1.58 0.00	29.64 1.77 0.00	26.74 1.78 0.00	28.71 2.01 0.00	29.30 1.96 0.00	33.52 2.26 0.00	32.39 2.33 0.00	35.82 2.74 0.00	39.69 2.98 0.00	47.37 3.48 0.00	61.14 4.40 0.00	48.33 3.28 0.00	33.45 2.22 0.00	31.21 2.03 0.00	27.25 1.72 0.00	29.18 1.62 0.00
NARROWS_GT1_4 24231	37.80 1.83 0.00	33.22 1.43 0.00	26.30 1.25 0.00	22.04 1.00 0.00	24.26 1.01 0.00	29.46 1.11 0.00	30.31 1.28 0.00	32.88 1.35 0.00	30.02 1.58 0.00	29.64 1.77 0.00	26.74 1.78 0.00	28.71 2.01 0.00	29.30 1.96 0.00	33.52 2.26 0.00	32.39 2.33 0.00	35.82 2.74 0.00	39.69 2.98 0.00	47.37 3.48 0.00	61.14 4.40 0.00	48.33 3.28 0.00	33.45 2.22 0.00	31.21 2.03 0.00	27.25 1.72 0.00	29.18 1.62 0.00
NARROWS_GT1_5 24232	37.80 1.83 0.00	33.22 1.43 0.00	26.30 1.25 0.00	22.04 1.00 0.00	24.26 1.01 0.00	29.46 1.11 0.00	30.31 1.28 0.00	32.88 1.35 0.00	30.02 1.58 0.00	29.64 1.77 0.00	26.74 1.78 0.00	28.71 2.01 0.00	29.30 1.96 0.00	33.52 2.26 0.00	32.39 2.33 0.00	35.82 2.74 0.00	39.69 2.98 0.00	47.37 3.48 0.00	61.14 4.40 0.00	48.33 3.28 0.00	33.45 2.22 0.00	31.21 2.03 0.00	27.25 1.72 0.00	29.18 1.62 0.00
NARROWS_GT1_6 24233	37.80 1.83 0.00	33.22 1.43 0.00	26.30 1.25 0.00	22.04 1.00 0.00	24.26 1.01 0.00	29.46 1.11 0.00	30.31 1.28 0.00	32.88 1.35 0.00	30.02 1.58 0.00	29.64 1.77 0.00	26.74 1.78 0.00	28.71 2.01 0.00	29.30 1.96 0.00	33.52 2.26 0.00	32.39 2.33 0.00	35.82 2.74 0.00	39.69 2.98 0.00	47.37 3.48 0.00	61.14 4.40 0.00	48.33 3.28 0.00	33.45 2.22 0.00	31.21 2.03 0.00	27.25 1.72 0.00	29.18 1.62 0.00
NARROWS_GT1_7 24234	37.80 1.83 0.00	33.22 1.43 0.00	26.30 1.25 0.00	22.04 1.00 0.00	24.26 1.01 0.00	29.46 1.11 0.00	30.31 1.28 0.00	32.88 1.35 0.00	30.02 1.58 0.00	29.64 1.77 0.00	26.74 1.78 0.00	28.71 2.01 0.00	29.30 1.96 0.00	33.52 2.26 0.00	32.39 2.33 0.00	35.82 2.74 0.00	39.69 2.98 0.00	47.37 3.48 0.00	61.14 4.40 0.00	48.33 3.28 0.00	33.45 2.22 0.00	31.21 2.03 0.00	27.25 1.72 0.00	29.18 1.62 0.00
NARROWS_GT1_8 24235	37.80 1.83 0.00	33.22 1.43 0.00	26.30 1.25 0.00	22.04 1.00 0.00	24.26 1.01 0.00	29.46 1.11 0.00	30.31 1.28 0.00	32.88 1.35 0.00	30.02 1.58 0.00	29.64 1.77 0.00	26.74 1.78 0.00	28.71 2.01 0.00	29.30 1.96 0.00	33.52 2.26 0.00	32.39 2.33 0.00	35.82 2.74 0.00	39.69 2.98 0.00	47.37 3.48 0.00	61.14 4.40 0.00	48.33 3.28 0.00	33.45 2.22 0.00	31.21 2.03 0.00	27.25 1.72 0.00	29.18 1.62 0.00
NARROWS_GT2_1 24236	37.80 1.83 0.00	33.22 1.43 0.00	26.30 1.25 0.00	22.04 1.00 0.00	24.26 1.01 0.00	29.46 1.11 0.00	30.31 1.28 0.00	32.88 1.35 0.00	30.02 1.58 0.00	29.64 1.77 0.00	26.74 1.78 0.00	28.71 2.01 0.00	29.30 1.96 0.00	33.52 2.26 0.00	32.39 2.33 0.00	35.82 2.74 0.00	39.69 2.98 0.00	47.37 3.48 0.00	61.14 4.40 0.00	48.33 3.28 0.00	33.45 2.22 0.00	31.21 2.03 0.00	27.25 1.72 0.00	29.18 1.62 0.00
NARROWS_GT2_2 24237	37.80 1.83 0.00	33.22 1.43 0.00	26.30 1.25 0.00	22.04 1.00 0.00	24.26 1.01 0.00	29.46 1.11 0.00	30.31 1.28 0.00	32.88 1.35 0.00	30.02 1.58 0.00	29.64 1.77 0.00	26.74 1.78 0.00	28.71 2.01 0.00	29.30 1.96 0.00	33.52 2.26 0.00	32.39 2.33 0.00	35.82 2.74 0.00	39.69 2.98 0.00	47.37 3.48 0.00	61.14 4.40 0.00	48.33 3.28 0.00	33.45 2.22 0.00	31.21 2.03 0.00	27.25 1.72 0.00	29.18 1.62 0.00
NARROWS_GT2_3 24238	37.80 1.83 0.00	33.22 1.43 0.00	26.30 1.25 0.00	22.04 1.00 0.00	24.26 1.01 0.00	29.46 1.11 0.00	30.31 1.28 0.00	32.88 1.35 0.00	30.02 1.58 0.00	29.64 1.77 0.00	26.74 1.78 0.00	28.71 2.01 0.00	29.30 1.96 0.00	33.52 2.26 0.00	32.39 2.33 0.00	35.82 2.74 0.00	39.69 2.98 0.00	47.37 3.48 0.00	61.14 4.40 0.00	48.33 3.28 0.00	33.45 2.22 0.00	31.21 2.03 0.00	27.25 1.72 0.00	29.18 1.62 0.00
NARROWS_GT2_4 24239	37.80 1.83 0.00	33.22 1.43 0.00	26.30 1.25 0.00	22.04 1.00 0.00	24.26 1.01 0.00	29.46 1.11 0.00	30.31 1.28 0.00	32.88 1.35 0.00	30.02 1.58 0.00	29.64 1.77 0.00	26.74 1.78 0.00	28.71 2.01 0.00	29.30 1.96 0.00	33.52 2.26 0.00	32.39 2.33 0.00	35.82 2.74 0.00	39.69 2.98 0.00	47.37 3.48 0.00	61.14 4.40 0.00	48.33 3.28 0.00	33.45 2.22 0.00	31.21 2.03 0.00	27.25 1.72 0.00	29.18 1.62 0.00

NARROWS_GT2_5 24240	37.80 1.83 0.00	33.22 1.43 0.00	26.30 1.25 0.00	22.04 1.00 0.00	24.26 1.01 0.00	29.46 1.11 0.00	30.31 1.28 0.00	32.88 1.35 0.00	30.02 1.58 0.00	29.64 1.77 0.00	26.74 1.78 0.00	28.71 2.01 0.00	29.30 1.96 0.00	33.52 2.26 0.00	32.39 2.33 0.00	35.82 2.74 0.00	39.69 2.98 0.00	47.37 3.48 0.00	61.14 4.40 0.00	48.33 3.28 0.00	33.45 2.22 0.00	31.21 2.03 0.00	27.25 1.72 0.00	29.18 1.62 0.00
NARROWS_GT2_6 24241	37.80 1.83 0.00	33.22 1.43 0.00	26.30 1.25 0.00	22.04 1.00 0.00	24.26 1.01 0.00	29.46 1.11 0.00	30.31 1.28 0.00	32.88 1.35 0.00	30.02 1.58 0.00	29.64 1.77 0.00	26.74 1.78 0.00	28.71 2.01 0.00	29.30 1.96 0.00	33.52 2.26 0.00	32.39 2.33 0.00	35.82 2.74 0.00	39.69 2.98 0.00	47.37 3.48 0.00	61.14 4.40 0.00	48.33 3.28 0.00	33.45 2.22 0.00	31.21 2.03 0.00	27.25 1.72 0.00	29.18 1.62 0.00
NARROWS_GT2_7 24242	37.80 1.83 0.00	33.22 1.43 0.00	26.30 1.25 0.00	22.04 1.00 0.00	24.26 1.01 0.00	29.46 1.11 0.00	30.31 1.28 0.00	32.88 1.35 0.00	30.02 1.58 0.00	29.64 1.77 0.00	26.74 1.78 0.00	28.71 2.01 0.00	29.30 1.96 0.00	33.52 2.26 0.00	32.39 2.33 0.00	35.82 2.74 0.00	39.69 2.98 0.00	47.37 3.48 0.00	61.14 4.40 0.00	48.33 3.28 0.00	33.45 2.22 0.00	31.21 2.03 0.00	27.25 1.72 0.00	29.18 1.62 0.00
NARROWS_GT2_8 24243	37.80 1.83 0.00	33.22 1.43 0.00	26.30 1.25 0.00	22.04 1.00 0.00	24.26 1.01 0.00	29.46 1.11 0.00	30.31 1.28 0.00	32.88 1.35 0.00	30.02 1.58 0.00	29.64 1.77 0.00	26.74 1.78 0.00	28.71 2.01 0.00	29.30 1.96 0.00	33.52 2.26 0.00	32.39 2.33 0.00	35.82 2.74 0.00	39.69 2.98 0.00	47.37 3.48 0.00	61.14 4.40 0.00	48.33 3.28 0.00	33.45 2.22 0.00	31.21 2.03 0.00	27.25 1.72 0.00	29.18 1.62 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	37.57 1.61 0.00	33.20 1.41 0.00	26.13 1.08 0.00	21.95 0.91 0.00	24.25 1.00 0.00	29.45 1.10 0.00	30.25 1.22 0.00	32.78 1.25 0.00	29.49 1.05 0.00	28.80 0.92 0.00	25.71 0.75 0.00	27.57 0.88 0.00	28.32 0.98 0.00	32.35 1.09 0.00	31.15 1.09 0.00	34.22 1.16 0.00	38.22 1.51 0.00	45.81 1.92 0.00	59.43 2.69 0.00	47.60 2.54 0.00	33.04 1.81 0.00	30.76 1.58 0.00	26.75 1.23 0.00	28.75 1.20 0.00
NCHELSEA_115KV_TR2 355582	37.78 1.82 0.00	33.23 1.44 0.00	26.25 1.19 0.00	21.97 0.93 0.00	24.21 0.97 0.00	29.46 1.11 0.00	30.29 1.26 0.00	32.92 1.40 0.00	29.99 1.55 0.00	29.51 1.64 0.00	26.56 1.59 0.00	28.51 1.82 0.00	29.16 1.83 0.00	33.37 2.11 0.00	32.20 2.14 0.00	35.57 2.51 0.00	39.49 2.78 0.00	47.20 3.31 0.00	61.00 4.26 0.00	48.26 3.21 0.00	33.35 2.12 0.00	31.09 1.91 0.00	27.08 1.56 0.00	29.06 1.51 0.00
NEG CAPITAL___MECHNVIL 23645	37.69 1.73 0.00	33.28 1.49 0.00	26.20 1.14 0.00	21.98 0.94 0.00	24.26 1.02 0.00	29.50 1.15 0.00	30.30 1.27 0.00	32.86 1.33 0.00	29.67 1.22 0.00	29.07 1.20 0.00	25.99 1.03 0.00	27.89 1.20 0.00	28.65 1.32 0.00	32.73 1.46 0.00	31.41 1.35 0.00	34.53 1.47 0.00	38.44 1.73 0.00	46.10 2.21 0.00	59.73 2.99 0.00	47.68 2.62 0.00	33.01 1.79 0.00	30.78 1.61 0.00	26.83 1.31 0.00	28.88 1.33 0.00
NEG CENTRAL_HIGH_ACRES 23767	35.53 -0.43 0.00	31.27 -0.52 0.00	24.57 -0.49 0.00	20.65 -0.40 0.00	22.90 -0.34 0.00	28.20 -0.14 0.00	28.79 -0.24 0.00	31.41 -0.12 0.00	28.30 -0.15 0.00	27.87 0.00 0.00	25.08 0.12 0.00	26.72 0.02 0.00	27.32 -0.02 0.00	31.30 0.04 0.00	30.09 0.02 0.00	32.72 -0.35 0.00	36.28 -0.43 0.00	43.40 -0.49 0.00	56.28 -0.46 0.00	44.53 -0.52 0.00	30.75 -0.48 0.00	28.64 -0.53 0.00	25.09 -0.43 0.00	27.23 -0.32 0.00
NEG CENTRAL___DRP 24199	36.15 0.19 0.00	31.81 0.02 0.00	25.06 0.01 0.00	21.08 0.04 0.00	23.35 0.11 0.00	28.64 0.29 0.00	29.28 0.25 0.00	31.93 0.40 0.00	28.77 0.33 0.00	28.23 0.36 0.00	25.39 0.43 0.00	27.11 0.42 0.00	27.73 0.39 0.00	31.67 0.41 0.00	30.49 0.42 0.00	33.33 0.26 0.00	36.96 0.25 0.00	44.23 0.34 0.00	57.36 0.62 0.00	45.49 0.44 0.00	31.47 0.24 0.00	29.38 0.20 0.00	25.71 0.19 0.00	27.80 0.25 0.00
NEG CENTRAL___INDECK 23768	37.40 1.44 0.00	32.84 1.05 0.00	25.76 0.71 0.00	21.64 0.60 0.00	24.07 0.82 0.00	29.74 1.39 0.00	30.29 1.26 0.00	32.88 1.35 0.00	29.42 0.97 0.00	28.91 1.04 0.00	25.97 1.00 0.00	27.60 0.91 0.00	28.20 0.86 0.00	32.42 1.17 0.00	31.14 1.07 0.00	34.17 1.10 0.00	37.74 1.03 0.00	45.19 1.29 0.00	58.50 1.76 0.00	46.65 1.59 0.00	32.43 1.20 0.00	30.29 1.11 0.00	26.58 1.06 0.00	28.74 1.20 0.00
NEG CENTRAL___SENECA 23627	36.31 0.34 0.00	31.90 0.11 0.00	25.18 0.12 0.00	21.17 0.12 0.00	23.45 0.20 0.00	28.78 0.43 0.00	29.43 0.40 0.00	32.11 0.58 0.00	28.95 0.50 0.00	28.43 0.56 0.00	25.60 0.64 0.00	27.31 0.62 0.00	27.95 0.61 0.00	31.90 0.65 0.00	30.70 0.64 0.00	33.50 0.43 0.00	37.15 0.44 0.00	44.47 0.58 0.00	57.72 0.97 0.00	45.74 0.68 0.00	31.60 0.38 0.00	29.52 0.34 0.00	25.89 0.36 0.00	27.94 0.39 0.00
NEG CENTRAL___STATE_STREET 24147	36.34 0.38 0.00	32.09 0.30 0.00	25.15 0.10 0.00	21.20 0.16 0.00	23.56 0.31 0.00	28.80 0.45 0.00	29.40 0.37 0.00	32.12 0.58 0.00	28.86 0.42 0.00	28.29 0.41 0.00	25.42 0.45 0.00	27.17 0.48 0.00	27.66 0.32 0.00	31.66 0.40 0.00	30.57 0.50 0.00	33.62 0.56 0.00	37.26 0.55 0.00	44.59 0.70 0.00	57.86 1.12 0.00	45.90 0.84 0.00	31.81 0.59 0.00	29.64 0.47 0.00	25.84 0.31 0.00	27.99 0.44 0.00
NEG MILLWOOD___DRP 24198	37.87 1.91 0.00	33.31 1.52 0.00	26.30 1.25 0.00	22.02 0.98 0.00	24.27 1.02 0.00	29.52 1.16 0.00	30.36 1.33 0.00	33.01 1.48 0.00	30.09 1.64 0.00	29.62 1.75 0.00	26.68 1.72 0.00	28.63 1.94 0.00	29.27 1.94 0.00	33.50 2.24 0.00	32.35 2.29 0.00	35.74 2.67 0.00	39.67 2.96 0.00	47.43 3.54 0.00	61.27 4.53 0.00	48.44 3.39 0.00	33.45 2.23 0.00	31.18 2.00 0.00	27.17 1.65 0.00	29.12 1.57 0.00
NEG NORTH_FLCN_SEA 23793	37.11 1.15 0.00	33.00 1.21 0.00	26.01 0.96 0.00	21.95 0.91 0.00	24.34 1.10 0.00	29.71 1.36 0.00	30.44 1.41 0.00	33.03 1.50 0.00	81.32 1.49 -51.39	28.65 0.77 0.00	25.35 0.39 0.00	27.02 0.33 0.00	27.89 0.55 0.00	31.85 0.59 0.00	30.52 0.45 0.00	33.58 0.52 0.00	37.53 0.82 0.00	44.97 1.08 0.00	58.43 1.69 0.00	46.83 1.77 0.00	32.49 1.26 0.00	30.49 1.31 0.00	26.61 1.09 0.00	28.58 1.03 0.00
NEG NORTH_KES_CHATEGAY 23792	36.64 0.68 0.00	32.59 0.80 0.00	25.69 0.64 0.00	21.64 0.60 0.00	23.99 0.74 0.00	29.28 0.93 0.00	29.95 0.92 0.00	32.50 0.97 0.00	84.10 1.00 -54.66	28.29 0.42 0.00	25.08 0.11 0.00	26.70 0.00 0.00	27.49 0.15 0.00	31.42 0.16 0.00	30.12 0.05 0.00	33.15 0.08 0.00	37.05 0.34 0.00	44.39 0.50 0.00	57.63 0.89 0.00	46.11 1.05 0.00	32.00 0.78 0.00	30.03 0.85 0.00	26.26 0.74 0.00	28.22 0.67 0.00

NEG NORTH___ALICE_FALLS 23915	37.06 1.09 0.00	32.95 1.16 0.00	25.97 0.91 0.00	21.89 0.85 0.00	24.28 1.03 0.00	29.64 1.29 0.00	30.37 1.34 0.00	32.98 1.45 0.00	81.83 1.48 -51.91	28.59 0.72 0.00	25.29 0.32 0.00	26.95 0.26 0.00	27.82 0.48 0.00	31.78 0.52 0.00	30.48 0.41 0.00	33.50 0.43 0.00	37.44 0.73 0.00	44.87 0.98 0.00	58.35 1.60 0.00	46.79 1.73 0.00	32.47 1.25 0.00	30.47 1.29 0.00	26.59 1.07 0.00	28.56 1.01 0.00
NEG NORTH___LWR_SARANAC 23913	37.06 1.09 0.00	32.95 1.16 0.00	25.97 0.91 0.00	21.89 0.85 0.00	24.28 1.03 0.00	29.64 1.29 0.00	30.37 1.34 0.00	32.98 1.45 0.00	81.83 1.48 -51.91	28.59 0.72 0.00	25.29 0.32 0.00	26.95 0.26 0.00	27.82 0.48 0.00	31.78 0.52 0.00	30.48 0.41 0.00	33.50 0.43 0.00	37.44 0.73 0.00	44.87 0.98 0.00	58.35 1.60 0.00	46.79 1.73 0.00	32.47 1.25 0.00	30.47 1.29 0.00	26.59 1.07 0.00	28.56 1.01 0.00
NEG NORTH___PLATTSBURG 23628	37.06 1.09 0.00	32.95 1.15 0.00	25.96 0.90 0.00	21.89 0.85 0.00	24.28 1.03 0.00	29.64 1.29 0.00	30.37 1.34 0.00	32.98 1.45 0.00	81.83 1.48 -51.91	28.59 0.72 0.00	25.29 0.32 0.00	26.95 0.26 0.00	27.82 0.48 0.00	31.78 0.52 0.00	30.48 0.41 0.00	33.50 0.43 0.00	37.44 0.73 0.00	44.86 0.98 0.00	58.34 1.60 0.00	46.79 1.73 0.00	32.47 1.25 0.00	30.47 1.29 0.00	26.59 1.07 0.00	28.56 1.01 0.00
NEG WEST_LEA_LOCKPORT 23791	35.89 -0.08 0.00	31.56 -0.23 0.00	24.73 -0.33 0.00	20.82 -0.22 0.00	23.17 -0.08 0.00	28.69 0.34 0.00	28.99 -0.04 0.00	31.51 -0.02 0.00	28.31 -0.13 0.00	27.99 0.12 0.00	25.31 0.34 0.00	26.79 0.10 0.00	27.33 -0.01 0.00	31.46 0.20 0.00	30.19 0.12 0.00	35.53 0.50 -1.96	36.18 -0.53 0.00	43.06 -0.83 0.00	55.76 -0.98 0.00	44.06 -0.99 0.00	30.39 -0.83 0.00	28.36 -0.82 0.00	25.06 -0.46 0.00	27.39 -0.16 0.00
NEG WEST___LANCASTR 23811	36.11 0.15 0.00	31.75 -0.04 0.00	24.85 -0.20 0.00	20.92 -0.12 0.00	23.28 0.03 0.00	28.81 0.46 0.00	29.22 0.19 0.00	31.85 0.31 0.00	28.63 0.18 0.00	28.36 0.48 0.00	25.55 0.59 0.00	27.11 0.42 0.00	27.66 0.33 0.00	31.82 0.56 0.00	30.55 0.49 0.00	34.47 0.49 -0.91	36.80 0.09 0.00	43.89 0.00 0.00	56.76 0.02 0.00	44.71 -0.35 0.00	30.83 -0.39 0.00	28.80 -0.38 0.00	25.40 -0.12 0.00	27.67 0.12 0.00
NEG_PENN_ALLEGHNY 23528	36.32 0.36 0.00	31.98 0.18 0.00	25.14 0.08 0.00	21.11 0.07 0.00	23.40 0.15 0.00	28.68 0.33 0.00	29.35 0.32 0.00	31.99 0.46 0.00	28.84 0.40 0.00	28.41 0.54 0.00	25.47 0.51 0.00	27.20 0.51 0.00	27.83 0.49 0.00	31.86 0.60 0.00	30.63 0.56 0.00	33.73 0.66 0.00	37.38 0.66 0.00	44.65 0.76 0.00	57.74 1.00 0.00	45.71 0.65 0.00	31.61 0.39 0.00	29.55 0.38 0.00	25.86 0.34 0.00	27.93 0.38 0.00
NEG___GEN_MONROE 24207	36.45 0.49 0.00	32.11 0.32 0.00	25.20 0.15 0.00	21.17 0.12 0.00	23.53 0.28 0.00	29.06 0.71 0.00	29.60 0.57 0.00	32.12 0.59 0.00	28.85 0.40 0.00	28.42 0.55 0.00	25.64 0.68 0.00	27.21 0.52 0.00	27.84 0.50 0.00	31.92 0.66 0.00	30.69 0.63 0.00	39.35 0.51 -5.77	36.90 0.19 0.00	44.12 0.23 0.00	57.17 0.43 0.00	45.32 0.27 0.00	31.27 0.05 0.00	29.16 -0.02 0.00	25.62 0.10 0.00	27.90 0.35 0.00
NEPA___ENERGY 23901	36.29 0.33 0.00	31.87 0.08 0.00	24.89 -0.16 0.00	20.94 -0.10 0.00	23.37 0.13 0.00	28.93 0.58 0.00	29.38 0.35 0.00	32.08 0.55 0.00	28.79 0.35 0.00	28.62 0.75 0.00	25.77 0.80 0.00	27.34 0.65 0.00	27.89 0.55 0.00	32.10 0.84 0.00	30.82 0.76 0.00	34.89 0.98 -0.84	37.41 0.70 0.00	44.56 0.67 0.00	57.55 0.81 0.00	45.25 0.19 0.00	31.19 -0.04 0.00	29.21 0.04 0.00	25.73 0.21 0.00	27.96 0.41 0.00
NEVERSINK___HYD 23608	37.17 1.21 0.00	32.66 0.86 0.00	25.76 0.71 0.00	21.58 0.54 0.00	23.77 0.52 0.00	28.96 0.61 0.00	29.76 0.73 0.00	32.39 0.86 0.00	29.43 0.98 0.00	28.96 1.09 0.00	26.02 1.06 0.00	27.98 1.29 0.00	28.44 1.10 0.00	31.74 0.48 0.00	30.67 0.61 0.00	34.05 0.98 0.00	37.74 1.03 0.00	45.23 1.34 0.00	58.56 1.82 0.00	46.38 1.33 0.00	32.14 0.91 0.00	30.64 1.47 0.00	26.69 1.17 0.00	28.63 1.08 0.00
NEWKRMKL_115KV_TB1 55635	36.62 0.66 0.00	32.34 0.55 0.00	25.53 0.47 0.00	21.44 0.40 0.00	23.64 0.39 0.00	28.69 0.34 0.00	29.45 0.42 0.00	31.94 0.41 0.00	28.89 0.44 0.00	28.37 0.49 0.00	25.43 0.46 0.00	27.29 0.60 0.00	28.00 0.66 0.00	31.97 0.72 0.00	30.76 0.69 0.00	33.81 0.74 0.00	37.59 0.88 0.00	44.98 1.09 0.00	58.15 1.40 0.00	46.31 1.26 0.00	32.05 0.82 0.00	29.88 0.70 0.00	26.05 0.53 0.00	28.04 0.49 0.00
NEWTON___FALLS_HYD 23847	36.25 0.29 0.00	32.07 0.28 0.00	25.27 0.21 0.00	21.17 0.13 0.00	23.28 0.03 0.00	28.44 0.09 0.00	29.11 0.08 0.00	31.56 0.03 0.00	22.86 -0.35 5.24	27.46 -0.41 0.00	24.56 -0.41 0.00	26.13 -0.57 0.00	26.80 -0.54 0.00	30.72 -0.54 0.00	29.45 -0.62 0.00	32.51 -0.56 0.00	35.90 -0.81 0.00	43.09 -0.80 0.00	56.01 -0.73 0.00	44.60 -0.45 0.00	31.08 -0.15 0.00	28.91 -0.26 0.00	25.34 -0.18 0.00	27.44 -0.11 0.00
NGRID_A1_DSASP 323792	35.38 -0.58 0.00	31.15 -0.64 0.00	24.45 -0.61 0.00	20.56 -0.49 0.00	22.88 -0.37 0.00	28.33 -0.02 0.00	28.62 -0.41 0.00	30.97 -0.57 0.00	27.80 -0.64 0.00	27.59 -0.29 0.00	24.94 -0.02 0.00	26.39 -0.30 0.00	26.92 -0.42 0.00	30.98 -0.28 0.00	29.73 -0.33 0.00	33.52 -0.55 -1.00	35.37 -1.34 0.00	42.09 -1.80 0.00	54.47 -2.27 0.00	43.05 -2.01 0.00	29.69 -1.53 0.00	27.72 -1.45 0.00	24.53 -0.99 0.00	26.85 -0.70 0.00
NGRID_A2_DSASP 323793	35.38 -0.58 0.00	31.15 -0.64 0.00	24.45 -0.61 0.00	20.56 -0.49 0.00	22.88 -0.37 0.00	28.33 -0.02 0.00	28.62 -0.41 0.00	30.97 -0.57 0.00	27.80 -0.64 0.00	27.59 -0.29 0.00	24.94 -0.02 0.00	26.39 -0.30 0.00	26.92 -0.42 0.00	30.98 -0.28 0.00	29.73 -0.33 0.00	33.52 -0.55 -1.00	35.37 -1.34 0.00	42.09 -1.80 0.00	54.47 -2.27 0.00	43.05 -2.01 0.00	29.69 -1.53 0.00	27.72 -1.45 0.00	24.53 -0.99 0.00	26.85 -0.70 0.00
NGRID_A4_DSASP 323807	35.38 -0.58 0.00	31.15 -0.64 0.00	24.41 -0.65 0.00	20.56 -0.48 0.00	22.88 -0.37 0.00	28.33 -0.02 0.00	28.62 -0.41 0.00	30.96 -0.57 0.00	27.80 -0.64 0.00	27.58 -0.29 0.00	24.94 -0.03 0.00	26.39 -0.30 0.00	26.92 -0.42 0.00	30.97 -0.28 0.00	29.73 -0.33 0.00	33.52 -0.56 -1.00	35.37 -1.35 0.00	42.09 -1.80 0.00	54.47 -2.27 0.00	43.05 -2.00 0.00	29.69 -1.53 0.00	27.72 -1.46 0.00	24.53 -0.99 0.00	26.85 -0.69 0.00
NIAGARA_115E_LBMP 323715	35.32 -0.65 0.00	31.07 -0.72 0.00	24.39 -0.66 0.00	20.52 -0.53 0.00	22.83 -0.42 0.00	28.26 -0.09 0.00	28.53 -0.50 0.00	31.00 -0.53 0.00	27.84 -0.60 0.00	27.51 -0.36 0.00	24.89 -0.07 0.00	26.33 -0.36 0.00	26.85 -0.49 0.00	30.89 -0.37 0.00	29.65 -0.42 0.00	34.13 -0.36 -1.42	35.49 -1.22 0.00	42.23 -1.66 0.00	54.67 -2.07 0.00	43.22 -1.84 0.00	29.82 -1.41 0.00	27.83 -1.34 0.00	24.63 -0.89 0.00	26.96 -0.59 0.00

NIAGARA_115W_LBMP 323714	35.31 -0.66 0.00	31.09 -0.70 0.00	24.39 -0.66 0.00	20.52 -0.53 0.00	22.83 -0.41 0.00	28.28 -0.07 0.00	28.56 -0.48 0.00	30.89 -0.64 0.00	27.73 -0.72 0.00	27.52 -0.35 0.00	24.89 -0.07 0.00	26.34 -0.35 0.00	26.86 -0.48 0.00	30.90 -0.36 0.00	29.66 -0.41 0.00	33.41 -0.64 -0.98	35.26 -1.45 0.00	41.97 -1.92 0.00	54.31 -2.43 0.00	42.93 -2.12 0.00	29.61 -1.61 0.00	27.64 -1.53 0.00	24.46 -1.06 0.00	26.79 -0.75 0.00
NIAGARA_230_LBMP 323716	35.51 -0.45 0.00	31.27 -0.53 0.00	24.52 -0.53 0.00	20.63 -0.42 0.00	22.96 -0.29 0.00	28.41 0.07 0.00	28.74 -0.29 0.00	31.21 -0.32 0.00	28.03 -0.41 0.00	27.71 -0.16 0.00	25.04 0.07 0.00	26.52 -0.17 0.00	27.04 -0.30 0.00	31.11 -0.14 0.00	29.86 -0.20 0.00	33.58 -0.27 -0.78	35.73 -0.98 0.00	42.57 -1.32 0.00	55.10 -1.64 0.00	43.52 -1.54 0.00	30.02 -1.21 0.00	28.02 -1.16 0.00	24.77 -0.75 0.00	27.09 -0.45 0.00
NIAGARA__115KV_198_GIBSON 55903	35.31 -0.66 0.00	31.09 -0.70 0.00	24.36 -0.70 0.00	20.52 -0.52 0.00	22.83 -0.42 0.00	28.28 -0.07 0.00	28.56 -0.47 0.00	30.89 -0.64 0.00	27.73 -0.72 0.00	27.52 -0.35 0.00	24.88 -0.08 0.00	26.34 -0.35 0.00	26.86 -0.48 0.00	30.90 -0.36 0.00	29.66 -0.41 0.00	33.41 -0.64 -0.98	35.26 -1.45 0.00	41.97 -1.92 0.00	54.30 -2.44 0.00	42.93 -2.13 0.00	29.61 -1.61 0.00	27.64 -1.54 0.00	24.46 -1.06 0.00	26.79 -0.76 0.00
NIAGARA____ 23760	35.37 -0.59 0.00	31.13 -0.66 0.00	24.44 -0.62 0.00	20.55 -0.49 0.00	22.87 -0.38 0.00	28.31 -0.04 0.00	28.63 -0.40 0.00	31.06 -0.47 0.00	27.90 -0.54 0.00	27.63 -0.24 0.00	24.97 0.01 0.00	26.44 -0.26 0.00	26.95 -0.39 0.00	31.02 -0.24 0.00	29.77 -0.30 0.00	33.72 -0.39 -1.04	35.56 -1.16 0.00	42.33 -1.56 0.00	54.81 -1.94 0.00	43.30 -1.76 0.00	29.86 -1.37 0.00	27.87 -1.31 0.00	24.64 -0.88 0.00	26.95 -0.60 0.00
NINE_MILE_1 23575	34.99 -0.97 0.00	30.88 -0.91 0.00	24.33 -0.73 0.00	20.44 -0.60 0.00	22.60 -0.65 0.00	27.62 -0.73 0.00	28.26 -0.77 0.00	30.73 -0.80 0.00	27.71 -0.73 0.00	27.15 -0.72 0.00	24.30 -0.66 0.00	25.95 -0.74 0.00	26.58 -0.76 0.00	30.38 -0.88 0.00	29.21 -0.85 0.00	32.06 -1.01 0.00	35.55 -1.16 0.00	42.53 -1.37 0.00	54.99 -1.75 0.00	43.64 -1.41 0.00	30.26 -0.96 0.00	28.27 -0.91 0.00	24.74 -0.78 0.00	26.83 -0.72 0.00
NINE_MILE_2 23744	34.99 -0.97 0.00	30.89 -0.90 0.00	24.33 -0.72 0.00	20.45 -0.60 0.00	22.60 -0.65 0.00	27.62 -0.73 0.00	28.26 -0.77 0.00	30.73 -0.80 0.00	27.71 -0.73 0.00	27.15 -0.72 0.00	24.30 -0.66 0.00	25.95 -0.74 0.00	26.58 -0.76 0.00	30.38 -0.88 0.00	29.21 -0.85 0.00	32.06 -1.01 0.00	35.56 -1.16 0.00	42.53 -1.37 0.00	54.99 -1.75 0.00	43.64 -1.41 0.00	30.26 -0.96 0.00	28.27 -0.91 0.00	24.75 -0.77 0.00	26.83 -0.72 0.00
NM_CAPITAL____DRP 24208	36.71 0.75 0.00	32.44 0.65 0.00	25.60 0.54 0.00	21.51 0.47 0.00	23.73 0.48 0.00	28.77 0.42 0.00	29.53 0.50 0.00	32.02 0.49 0.00	28.95 0.50 0.00	28.42 0.55 0.00	25.46 0.49 0.00	27.32 0.63 0.00	28.03 0.69 0.00	32.01 0.75 0.00	30.78 0.71 0.00	33.83 0.76 0.00	37.61 0.90 0.00	45.01 1.12 0.00	58.20 1.46 0.00	46.37 1.32 0.00	32.10 0.87 0.00	29.93 0.75 0.00	26.09 0.57 0.00	28.10 0.55 0.00
NM_CENTRAL____DRP 24181	35.73 -0.23 0.00	31.51 -0.28 0.00	24.79 -0.26 0.00	20.84 -0.21 0.00	23.04 -0.20 0.00	28.20 -0.15 0.00	28.85 -0.18 0.00	31.40 -0.13 0.00	28.34 -0.11 0.00	27.82 -0.05 0.00	24.92 -0.05 0.00	26.62 -0.08 0.00	27.24 -0.10 0.00	31.13 -0.13 0.00	29.89 -0.18 0.00	32.81 -0.25 0.00	36.38 -0.33 0.00	43.51 -0.38 0.00	56.28 -0.46 0.00	44.64 -0.42 0.00	30.93 -0.29 0.00	28.91 -0.27 0.00	25.32 -0.20 0.00	27.41 -0.14 0.00
NM_FRONTIER____DRP 24179	35.31 -0.66 0.00	31.09 -0.70 0.00	24.36 -0.70 0.00	20.52 -0.52 0.00	22.83 -0.42 0.00	28.28 -0.07 0.00	28.56 -0.47 0.00	30.89 -0.64 0.00	27.73 -0.72 0.00	27.52 -0.35 0.00	24.88 -0.08 0.00	26.34 -0.35 0.00	26.86 -0.48 0.00	30.90 -0.36 0.00	29.66 -0.41 0.00	33.41 -0.64 -0.98	35.26 -1.45 0.00	41.97 -1.92 0.00	54.30 -2.44 0.00	42.93 -2.13 0.00	29.61 -1.61 0.00	27.64 -1.54 0.00	24.46 -1.06 0.00	26.79 -0.76 0.00
NM_ST_REGIS____HYD 24053	36.04 0.07 0.00	31.98 0.19 0.00	25.23 0.17 0.00	21.12 0.08 0.00	23.16 -0.09 0.00	28.25 -0.10 0.00	28.91 -0.12 0.00	31.31 -0.22 0.00	14.74 -0.52 13.18	27.22 -0.65 0.00	24.30 -0.67 0.00	25.90 -0.79 0.00	26.61 -0.74 0.00	30.43 -0.83 0.00	29.21 -0.86 0.00	32.18 -0.89 0.00	35.77 -0.94 0.00	42.83 -1.06 0.00	55.52 -1.22 0.00	44.25 -0.81 0.00	30.76 -0.47 0.00	28.80 -0.38 0.00	25.33 -0.19 0.00	27.42 -0.13 0.00
NORTHPORT____1 23551	45.22 2.59 -6.67	34.00 2.21 0.00	23.27 1.84 3.62	22.49 1.45 0.00	24.71 1.46 0.00	29.91 1.56 0.00	30.57 1.54 0.00	33.27 1.74 0.00	30.48 2.03 0.00	30.04 2.17 0.00	29.52 2.15 -2.41	29.14 2.37 -0.08	29.59 2.25 0.00	33.82 2.49 -0.07	34.81 2.63 -2.12	39.70 3.14 -3.49	60.34 3.49 -20.14	55.44 4.11 -7.43	81.72 5.31 -19.66	49.44 3.99 -0.40	47.43 2.76 -13.44	89.83 2.40 -58.25	27.44 1.92 0.00	29.35 1.80 0.00
NORTHPORT____2 23552	45.22 2.59 -6.67	34.00 2.21 0.00	23.27 1.84 3.62	22.49 1.45 0.00	24.71 1.46 0.00	29.91 1.56 0.00	30.57 1.54 0.00	33.27 1.74 0.00	30.48 2.03 0.00	30.04 2.17 0.00	29.52 2.15 -2.41	29.14 2.37 -0.08	29.59 2.25 0.00	33.82 2.49 -0.07	34.81 2.63 -2.12	39.70 3.14 -3.49	60.34 3.49 -20.14	55.44 4.11 -7.43	81.72 5.31 -19.66	49.44 3.99 -0.40	47.43 2.76 -13.44	89.83 2.40 -58.25	27.44 1.92 0.00	29.35 1.80 0.00
NORTHPORT____3 23553	45.17 2.54 -6.67	33.92 2.13 0.00	36.57 1.68 -9.83	22.43 1.38 0.00	24.64 1.39 0.00	29.86 1.51 0.00	30.52 1.48 0.00	33.21 1.69 0.00	30.40 1.96 0.00	30.00 2.12 0.00	29.57 2.20 -2.41	29.19 2.42 -0.08	29.60 2.26 0.00	33.75 2.41 -0.07	34.74 2.56 -2.12	39.63 3.08 -3.49	60.30 3.44 -20.14	55.36 4.03 -7.43	81.58 5.17 -19.66	49.32 3.87 -0.40	47.32 2.65 -13.44	89.77 2.34 -58.25	27.37 1.85 0.00	29.29 1.74 0.00
NORTHPORT____4 23650	45.17 2.54 -6.67	33.92 2.13 0.00	36.57 1.68 -9.83	22.43 1.38 0.00	24.64 1.39 0.00	29.86 1.51 0.00	30.52 1.48 0.00	33.21 1.69 0.00	30.40 1.96 0.00	30.00 2.12 0.00	29.57 2.20 -2.41	29.19 2.42 -0.08	29.60 2.26 0.00	33.75 2.41 -0.07	34.74 2.56 -2.12	39.63 3.08 -3.49	60.30 3.44 -20.14	55.36 4.03 -7.43	81.58 5.17 -19.66	49.32 3.87 -0.40	47.32 2.65 -13.44	89.77 2.34 -58.25	27.37 1.85 0.00	29.29 1.74 0.00
NORTHPORT____IC 23718	45.22 2.59 -6.67	34.00 2.21 0.00	23.27 1.84 3.62	22.49 1.45 0.00	24.71 1.46 0.00	29.91 1.56 0.00	30.57 1.54 0.00	33.27 1.74 0.00	30.48 2.03 0.00	30.04 2.17 0.00	29.52 2.15 -2.41	29.14 2.37 -0.08	29.59 2.25 0.00	33.82 2.49 -0.07	34.81 2.63 -2.12	39.70 3.14 -3.49	60.34 3.49 -20.14	55.44 4.11 -7.43	81.72 5.31 -19.66	49.44 3.99 -0.40	47.43 2.76 -13.44	89.83 2.40 -58.25	27.44 1.92 0.00	29.35 1.80 0.00

NORTH____COUNTRY_ESR 323785	36.57 0.60 0.00	32.53 0.74 0.00	25.64 0.59 0.00	21.61 0.56 0.00	23.94 0.70 0.00	29.23 0.88 0.00	29.89 0.86 0.00	32.43 0.90 0.00	84.10 0.92 -54.73	28.24 0.37 0.00	25.03 0.07 0.00	26.64 -0.05 0.00	27.45 0.11 0.00	31.36 0.10 0.00	30.06 0.00 0.00	33.11 0.04 0.00	36.99 0.28 0.00	44.32 0.43 0.00	57.53 0.79 0.00	46.02 0.97 0.00	31.94 0.71 0.00	29.96 0.78 0.00	26.21 0.68 0.00	28.15 0.60 0.00
NPX_GEN_1385_PROXY 323591	44.78 2.15 -6.67	33.73 1.94 0.00	23.39 1.96 3.62	22.75 1.70 0.00	24.60 1.36 0.00	29.55 1.19 0.00	30.89 1.85 0.00	32.90 1.37 0.00	30.24 1.80 0.00	29.74 1.87 0.00	29.20 1.83 -2.41	28.79 2.03 -0.08	29.24 1.90 0.00	33.45 2.12 -0.07	34.33 2.15 -2.12	38.73 2.18 -3.49	51.77 2.27 -12.79	54.29 2.96 -7.43	80.35 3.95 -19.66	48.64 3.19 -0.40	46.98 2.31 -13.44	89.37 1.95 -58.25	26.86 1.45 0.11	28.95 1.40 0.00
NPX_GEN_CSC 323557	45.82 3.19 -6.67	34.69 2.90 -0.01	157.29 2.44 -129.80	22.94 1.89 0.00	25.26 2.01 0.00	30.40 2.05 0.00	30.54 1.51 0.00	33.45 1.92 0.00	30.69 2.24 0.00	30.26 2.38 0.00	29.59 2.22 -2.41	29.13 2.36 -0.08	29.47 2.13 0.00	33.97 2.64 -0.07	34.98 2.81 -2.12	39.96 3.41 -3.49	60.78 3.91 -20.16	55.92 4.59 -7.43	82.40 5.99 -19.67	49.86 4.41 -0.40	47.77 3.10 -13.44	90.12 2.70 -58.25	27.39 1.99 0.11	29.55 2.00 0.00
NSINS_S_GLNS_FALLS 23858	37.61 1.64 0.00	33.18 1.39 0.00	26.04 0.98 0.00	21.82 0.78 0.00	24.13 0.88 0.00	29.30 0.96 0.00	30.13 1.10 0.00	32.72 1.19 0.00	29.54 1.09 0.00	28.92 1.05 0.00	25.70 0.74 0.00	27.60 0.91 0.00	28.41 1.07 0.00	32.36 1.10 0.00	30.99 0.92 0.00	34.18 1.11 0.00	38.04 1.33 0.00	45.74 1.85 0.00	59.43 2.69 0.00	47.64 2.59 0.00	33.04 1.81 0.00	30.87 1.70 0.00	26.91 1.39 0.00	28.94 1.39 0.00
NUCOR_STEEL____DRP 24197	36.21 0.24 0.00	31.98 0.19 0.00	25.10 0.05 0.00	21.18 0.14 0.00	23.47 0.22 0.00	28.67 0.32 0.00	29.26 0.23 0.00	31.98 0.45 0.00	28.73 0.28 0.00	28.16 0.29 0.00	25.33 0.36 0.00	27.12 0.43 0.00	27.62 0.28 0.00	31.58 0.32 0.00	30.50 0.44 0.00	33.46 0.39 0.00	37.08 0.36 0.00	44.39 0.50 0.00	57.57 0.83 0.00	45.68 0.62 0.00	31.64 0.41 0.00	29.50 0.32 0.00	25.70 0.18 0.00	27.91 0.36 0.00
NUMBER_THREE_WT_PWR 323818	36.70 0.74 0.00	32.40 0.61 0.00	25.56 0.50 0.00	21.45 0.40 0.00	23.64 0.39 0.00	28.92 0.57 0.00	29.63 0.60 0.00	32.16 0.63 0.00	26.49 0.33 2.28	28.10 0.22 0.00	25.16 0.19 0.00	26.76 0.07 0.00	27.45 0.11 0.00	31.49 0.23 0.00	30.16 0.10 0.00	33.27 0.20 0.00	36.57 -0.14 0.00	44.05 0.16 0.00	57.34 0.59 0.00	45.65 0.59 0.00	31.82 0.59 0.00	29.53 0.36 0.00	25.76 0.24 0.00	27.84 0.29 0.00
NYISO_LBMP_REFERENCE 24008	35.96 0.00 0.00	31.79 0.00 0.00	25.06 0.00 0.00	21.04 0.00 0.00	23.25 0.00 0.00	28.35 0.00 0.00	29.03 0.00 0.00	31.53 0.00 0.00	28.44 0.00 0.00	27.87 0.00 0.00	24.96 0.00 0.00	26.69 0.00 0.00	27.34 0.00 0.00	31.26 0.00 0.00	30.06 0.00 0.00	33.07 0.00 0.00	36.71 0.00 0.00	43.89 0.00 0.00	56.74 0.00 0.00	45.05 0.00 0.00	31.23 0.00 0.00	29.18 0.00 0.00	25.52 0.00 0.00	27.55 0.00 0.00
NYPA_BRENTWD____GT 24164	45.77 3.14 -6.67	34.45 2.66 0.00	62.46 2.18 -35.23	22.76 1.72 0.00	25.02 1.77 0.00	30.31 1.96 0.00	30.93 1.90 0.00	33.74 2.21 0.00	30.89 2.44 0.00	30.44 2.57 0.00	29.87 2.50 -2.41	29.52 2.75 -0.08	29.99 2.65 0.00	34.34 3.01 -0.07	35.36 3.18 -2.12	40.35 3.80 -3.49	60.92 4.06 -20.14	56.01 4.68 -7.43	82.64 6.23 -19.66	50.14 4.69 -0.40	47.95 3.28 -13.44	90.36 2.94 -58.25	27.86 2.34 0.00	29.78 2.23 0.00
NYPA_GOWANUS____GT5 24156	37.79 1.82 0.00	33.21 1.42 0.00	26.28 1.23 0.00	22.02 0.97 0.00	24.25 1.00 0.00	29.44 1.10 0.00	30.29 1.26 0.00	32.86 1.33 0.00	30.00 1.56 0.00	29.62 1.75 0.00	26.73 1.76 0.00	28.69 2.00 0.00	29.28 1.94 0.00	33.49 2.23 0.00	32.36 2.30 0.00	35.79 2.72 0.00	39.68 2.97 0.00	47.34 3.45 0.00	61.11 4.37 0.00	48.33 3.28 0.00	33.43 2.20 0.00	31.18 2.01 0.00	27.23 1.70 0.00	29.16 1.61 0.00
NYPA_GOWANUS____GT6 24157	37.79 1.82 0.00	33.21 1.42 0.00	26.28 1.23 0.00	22.02 0.97 0.00	24.25 1.00 0.00	29.44 1.10 0.00	30.29 1.26 0.00	32.86 1.33 0.00	30.00 1.56 0.00	29.62 1.75 0.00	26.73 1.76 0.00	28.69 2.00 0.00	29.28 1.94 0.00	33.49 2.23 0.00	32.36 2.30 0.00	35.79 2.72 0.00	39.68 2.97 0.00	47.34 3.45 0.00	61.11 4.37 0.00	48.33 3.28 0.00	33.43 2.20 0.00	31.18 2.01 0.00	27.23 1.70 0.00	29.16 1.61 0.00
NYPA_HARLEM_RVR_GT1 24160	37.59 1.63 0.00	33.08 1.29 0.00	26.18 1.13 0.00	21.94 0.90 0.00	24.16 0.92 0.00	29.35 1.00 0.00	30.20 1.17 0.00	32.80 1.27 0.00	29.93 1.49 0.00	29.53 1.66 0.00	26.61 1.65 0.00	28.54 1.85 0.00	29.13 1.79 0.00	33.25 1.99 0.00	32.16 2.09 0.00	35.54 2.47 0.00	39.43 2.72 0.00	47.07 3.18 0.00	60.69 3.95 0.00	48.00 2.94 0.00	33.20 1.98 0.00	31.01 1.84 0.00	27.07 1.55 0.00	28.97 1.42 0.00
NYPA_HARLEM_RVR_GT2 24161	37.59 1.63 0.00	33.08 1.29 0.00	26.18 1.13 0.00	21.94 0.90 0.00	24.16 0.92 0.00	29.35 1.00 0.00	30.20 1.17 0.00	32.80 1.27 0.00	29.93 1.49 0.00	29.53 1.66 0.00	26.61 1.65 0.00	28.54 1.85 0.00	29.13 1.79 0.00	33.25 1.99 0.00	32.16 2.09 0.00	35.54 2.47 0.00	39.43 2.72 0.00	47.07 3.18 0.00	60.69 3.95 0.00	48.00 2.94 0.00	33.20 1.98 0.00	31.01 1.84 0.00	27.07 1.55 0.00	28.97 1.42 0.00
NYPA_KENT____GT 24152	37.75 1.79 0.00	33.19 1.40 0.00	26.27 1.22 0.00	22.01 0.97 0.00	24.23 0.99 0.00	29.44 1.09 0.00	30.29 1.26 0.00	32.89 1.36 0.00	30.03 1.58 0.00	29.65 1.78 0.00	26.74 1.78 0.00	28.70 2.01 0.00	29.29 1.95 0.00	33.48 2.21 0.00	32.35 2.28 0.00	35.76 2.69 0.00	39.63 2.93 0.00	47.30 3.41 0.00	61.03 4.29 0.00	48.24 3.19 0.00	33.39 2.16 0.00	31.16 1.98 0.00	27.20 1.68 0.00	29.13 1.58 0.00
NYPA_POUCH1____GT 24155	37.69 1.72 0.00	33.13 1.34 0.00	26.26 1.21 0.00	22.00 0.96 0.00	24.23 0.98 0.00	29.41 1.06 0.00	30.25 1.22 0.00	32.56 1.22 0.19	29.90 1.47 0.02	29.53 1.66 0.00	26.64 1.68 0.00	28.25 1.89 0.34	29.19 1.85 0.00	33.25 2.12 0.13	32.11 2.20 0.15	35.34 2.62 0.34	34.44 2.83 5.10	47.10 3.33 0.12	61.03 4.29 0.00	48.27 3.22 0.00	33.37 2.15 0.00	31.14 1.96 0.00	27.19 1.67 0.00	29.11 1.56 0.00
NYPA_VERNON____GT2 24162	37.70 1.74 0.00	33.17 1.38 0.00	26.24 1.18 0.00	21.99 0.94 0.00	24.21 0.96 0.00	29.41 1.06 0.00	30.27 1.24 0.00	32.90 1.37 0.00	30.03 1.58 0.00	29.66 1.79 0.00	26.74 1.78 0.00	28.70 2.01 0.00	29.29 1.94 0.00	33.47 2.21 0.00	32.33 2.27 0.00	35.75 2.68 0.00	39.63 2.91 0.00	47.27 3.38 0.00	60.99 4.25 0.00	48.19 3.14 0.00	33.33 2.10 0.00	31.11 1.93 0.00	27.15 1.63 0.00	29.08 1.53 0.00

NYPY_VERNON____GT3 24163	37.70 1.74 0.00	33.17 1.38 0.00	26.24 1.18 0.00	21.99 0.94 0.00	24.21 0.96 0.00	29.41 1.06 0.00	30.27 1.24 0.00	32.90 1.37 0.00	30.03 1.58 0.00	29.66 1.79 0.00	26.74 1.78 0.00	28.70 2.01 0.00	29.29 1.94 0.00	33.47 2.21 0.00	32.33 2.27 0.00	35.75 2.68 0.00	39.63 2.91 0.00	47.27 3.38 0.00	60.99 4.25 0.00	48.19 3.14 0.00	33.33 2.10 0.00	31.11 1.93 0.00	27.15 1.63 0.00	29.08 1.53 0.00
NYPY____ASTORIA_CC1 323568	37.64 1.68 0.00	33.11 1.32 0.00	26.19 1.13 0.00	21.95 0.91 0.00	24.16 0.92 0.00	29.36 1.01 0.00	30.22 1.18 0.00	32.83 1.30 0.00	29.97 1.53 0.00	29.59 1.72 0.00	26.69 1.73 0.00	28.64 1.95 0.00	29.23 1.88 0.00	33.40 2.15 0.00	32.27 2.21 0.00	35.68 2.61 0.00	39.54 2.83 0.00	47.18 3.29 0.00	60.87 4.12 0.00	48.11 3.05 0.00	33.28 2.05 0.00	31.05 1.87 0.00	27.10 1.58 0.00	29.02 1.48 0.00
NYPY____ASTORIA_CC2 323569	37.64 1.68 0.00	33.11 1.32 0.00	26.19 1.13 0.00	21.95 0.91 0.00	24.16 0.92 0.00	29.36 1.01 0.00	30.22 1.18 0.00	32.83 1.30 0.00	29.97 1.53 0.00	29.59 1.72 0.00	26.69 1.73 0.00	28.64 1.95 0.00	29.23 1.88 0.00	33.40 2.15 0.00	32.27 2.21 0.00	35.68 2.61 0.00	39.54 2.83 0.00	47.18 3.29 0.00	60.87 4.12 0.00	48.11 3.05 0.00	33.28 2.05 0.00	31.05 1.87 0.00	27.10 1.58 0.00	29.02 1.48 0.00
NYPY____HOLTSVILL 23794	45.64 3.02 -6.67	34.39 2.60 -0.01	160.87 2.13 -133.69	22.70 1.66 0.00	24.98 1.73 0.00	30.22 1.87 0.00	30.72 1.69 0.00	33.54 2.02 0.00	30.73 2.29 0.00	30.30 2.43 0.00	29.68 2.31 -2.41	29.29 2.52 -0.08	29.72 2.38 0.00	34.08 2.75 -0.07	35.09 2.91 -2.12	40.11 3.56 -3.49	60.86 3.99 -20.15	55.98 4.66 -7.43	82.46 6.05 -19.67	49.96 4.51 -0.40	47.79 3.12 -13.44	90.17 2.74 -58.25	27.66 2.14 0.00	29.61 2.06 0.00
NYPY____HELLGATE_GT1 24158	37.62 1.66 0.00	33.11 1.32 0.00	26.18 1.13 0.00	21.94 0.90 0.00	24.16 0.92 0.00	29.35 1.00 0.00	30.20 1.17 0.00	32.80 1.27 0.00	29.93 1.49 0.00	29.53 1.66 0.00	26.61 1.65 0.00	28.54 1.85 0.00	29.12 1.78 0.00	33.25 1.99 0.00	32.16 2.09 0.00	35.54 2.47 0.00	39.43 2.72 0.00	47.07 3.18 0.00	60.69 3.95 0.00	48.00 2.94 0.00	33.20 1.98 0.00	31.02 1.85 0.00	27.07 1.55 0.00	28.97 1.42 0.00
NYPY____HELLGATE_GT2 24159	37.62 1.66 0.00	33.11 1.32 0.00	26.18 1.13 0.00	21.94 0.90 0.00	24.16 0.92 0.00	29.35 1.00 0.00	30.20 1.17 0.00	32.80 1.27 0.00	29.93 1.49 0.00	29.53 1.66 0.00	26.61 1.65 0.00	28.54 1.85 0.00	29.12 1.78 0.00	33.25 1.99 0.00	32.16 2.09 0.00	35.54 2.47 0.00	39.43 2.72 0.00	47.07 3.18 0.00	60.69 3.95 0.00	48.00 2.94 0.00	33.20 1.98 0.00	31.02 1.85 0.00	27.07 1.55 0.00	28.97 1.42 0.00
NYS_BARGE____HYD 23848	35.89 -0.07 0.00	31.56 -0.23 0.00	24.77 -0.28 0.00	20.82 -0.22 0.00	23.17 -0.07 0.00	28.69 0.33 0.00	28.99 -0.04 0.00	31.50 -0.03 0.00	28.31 -0.13 0.00	27.98 0.11 0.00	25.31 0.35 0.00	26.80 0.10 0.00	27.33 -0.01 0.00	31.46 0.20 0.00	30.19 0.12 0.00	35.80 0.59 -2.15	36.18 -0.53 0.00	43.06 -0.83 0.00	55.76 -0.98 0.00	44.07 -0.98 0.00	30.40 -0.83 0.00	28.37 -0.81 0.00	25.07 -0.45 0.00	27.40 -0.15 0.00
OAK ORCHARD____HYD 24046	36.21 0.25 0.00	31.87 0.08 0.00	25.00 -0.06 0.00	21.00 -0.04 0.00	23.33 0.08 0.00	28.77 0.42 0.00	29.29 0.25 0.00	31.85 0.32 0.00	28.67 0.23 0.00	28.27 0.40 0.00	25.44 0.48 0.00	27.05 0.35 0.00	27.65 0.31 0.00	31.72 0.47 0.00	30.50 0.43 0.00	32.64 0.22 0.65	36.85 0.14 0.00	44.07 0.18 0.00	57.08 0.34 0.00	45.19 0.13 0.00	31.20 -0.03 0.00	29.08 -0.10 0.00	25.52 0.00 0.00	27.73 0.18 0.00
OAKDALE____35_KV_LOAD 356122	36.23 0.27 0.00	31.90 0.11 0.00	25.08 0.03 0.00	21.07 0.03 0.00	23.35 0.10 0.00	28.61 0.26 0.00	29.27 0.24 0.00	31.90 0.36 0.00	28.77 0.32 0.00	28.33 0.45 0.00	25.40 0.44 0.00	27.12 0.43 0.00	27.75 0.41 0.00	31.77 0.51 0.00	30.55 0.48 0.00	33.63 0.56 0.00	37.26 0.54 0.00	44.50 0.61 0.00	57.57 0.83 0.00	45.58 0.52 0.00	31.52 0.29 0.00	29.46 0.29 0.00	25.79 0.27 0.00	27.85 0.30 0.00
OCC_CHEM____DRP 24175	35.38 -0.58 0.00	31.15 -0.64 0.00	24.41 -0.65 0.00	20.56 -0.48 0.00	22.88 -0.37 0.00	28.33 -0.02 0.00	28.62 -0.41 0.00	30.96 -0.57 0.00	27.80 -0.64 0.00	27.58 -0.29 0.00	24.94 -0.03 0.00	26.39 -0.30 0.00	26.92 -0.42 0.00	30.97 -0.28 0.00	29.73 -0.33 0.00	33.52 -0.56 -1.00	35.37 -1.35 0.00	42.09 -1.80 0.00	54.47 -2.27 0.00	43.05 -2.00 0.00	29.69 -1.53 0.00	27.72 -1.46 0.00	24.53 -0.99 0.00	26.85 -0.69 0.00
OH_GEN_PROXY 24063	35.53 -0.44 0.00	31.27 -0.52 0.00	24.53 -0.52 0.00	20.63 -0.41 0.00	22.96 -0.29 0.00	28.42 0.07 0.00	28.77 -0.26 0.00	31.26 -0.27 0.00	28.08 -0.36 0.00	27.77 -0.10 0.00	25.08 0.12 0.00	26.56 -0.13 0.00	27.09 -0.25 0.00	31.17 -0.09 0.00	29.91 -0.15 0.00	33.52 -0.22 -0.67	35.83 -0.89 0.00	42.69 -1.19 0.00	55.27 -1.47 0.00	43.63 -1.43 0.00	30.08 -1.15 0.00	28.09 -1.09 0.00	24.70 -0.70 0.11	27.13 -0.42 0.00
OLIN_CORP_DRP 24177	35.38 -0.58 0.00	31.12 -0.67 0.00	24.40 -0.66 0.00	20.55 -0.50 0.00	22.86 -0.39 0.00	28.31 -0.04 0.00	28.59 -0.44 0.00	31.06 -0.47 0.00	27.90 -0.55 0.00	27.57 -0.30 0.00	24.92 -0.04 0.00	26.39 -0.31 0.00	26.91 -0.43 0.00	30.95 -0.31 0.00	29.70 -0.36 0.00	34.09 -0.31 -1.33	35.57 -1.15 0.00	42.33 -1.56 0.00	54.80 -1.95 0.00	43.31 -1.74 0.00	29.88 -1.35 0.00	27.89 -1.29 0.00	24.67 -0.85 0.00	27.00 -0.55 0.00
OLIN_CORP_DSASP 323712	35.38 -0.58 0.00	31.15 -0.64 0.00	24.45 -0.61 0.00	20.56 -0.49 0.00	22.88 -0.37 0.00	28.33 -0.02 0.00	28.62 -0.41 0.00	30.97 -0.57 0.00	27.80 -0.64 0.00	27.59 -0.29 0.00	24.94 -0.02 0.00	26.39 -0.30 0.00	26.92 -0.42 0.00	30.98 -0.28 0.00	29.73 -0.33 0.00	33.52 -0.55 -1.00	35.37 -1.34 0.00	42.09 -1.80 0.00	54.47 -2.27 0.00	43.05 -2.01 0.00	29.69 -1.53 0.00	27.72 -1.45 0.00	24.53 -0.99 0.00	26.85 -0.70 0.00
ONEIDA_HERK_LFGE 323681	36.71 0.75 0.00	32.39 0.60 0.00	25.58 0.52 0.00	21.46 0.42 0.00	23.66 0.41 0.00	28.93 0.57 0.00	29.64 0.61 0.00	32.19 0.66 0.00	27.88 0.49 1.05	28.30 0.43 0.00	25.35 0.39 0.00	27.09 0.39 0.00	27.82 0.48 0.00	31.87 0.61 0.00	30.58 0.51 0.00	33.59 0.52 0.00	37.11 0.40 0.00	44.58 0.69 0.00	57.83 1.09 0.00	46.01 0.95 0.00	31.97 0.74 0.00	29.75 0.57 0.00	25.95 0.43 0.00	28.02 0.47 0.00
ONEIDA____115KV_TB4 55905	36.77 0.81 0.00	32.42 0.63 0.00	25.59 0.53 0.00	21.49 0.44 0.00	23.69 0.45 0.00	29.00 0.65 0.00	29.71 0.68 0.00	32.29 0.75 0.00	29.06 0.62 0.00	28.45 0.58 0.00	25.52 0.56 0.00	27.33 0.64 0.00	28.04 0.69 0.00	32.09 0.83 0.00	30.82 0.76 0.00	33.81 0.75 0.00	37.44 0.73 0.00	44.89 1.00 0.00	58.11 1.37 0.00	46.25 1.19 0.00	32.11 0.88 0.00	29.93 0.76 0.00	26.12 0.60 0.00	28.18 0.63 0.00

ONONDAGA_REF_OCCRA 23987	35.94 -0.02 0.00	31.67 -0.12 0.00	24.94 -0.12 0.00	20.96 -0.09 0.00	23.18 -0.07 0.00	28.36 0.02 0.00	29.04 0.01 0.00	31.60 0.06 0.00	28.50 0.06 0.00	27.96 0.09 0.00	25.05 0.09 0.00	26.78 0.09 0.00	27.41 0.07 0.00	31.33 0.08 0.00	30.10 0.04 0.00	33.02 -0.05 0.00	36.62 -0.09 0.00	43.80 -0.09 0.00	56.68 -0.06 0.00	44.99 -0.06 0.00	31.17 -0.06 0.00	29.12 -0.06 0.00	25.49 -0.03 0.00	27.58 0.03 0.00
ONONDAGA___COGEN 23986	35.87 -0.09 0.00	31.63 -0.17 0.00	24.91 -0.15 0.00	20.96 -0.08 0.00	23.16 -0.09 0.00	28.32 -0.03 0.00	28.99 -0.04 0.00	31.56 0.03 0.00	28.45 0.01 0.00	27.91 0.03 0.00	25.02 0.06 0.00	26.75 0.06 0.00	27.38 0.04 0.00	31.30 0.04 0.00	30.09 0.03 0.00	33.01 -0.06 0.00	36.59 -0.12 0.00	43.78 -0.11 0.00	56.66 -0.08 0.00	44.96 -0.09 0.00	31.15 -0.07 0.00	29.08 -0.10 0.00	25.44 -0.08 0.00	27.55 0.00 0.00
ONTARIO___LFGE 23819	36.31 0.35 0.00	31.90 0.11 0.00	25.20 0.14 0.00	21.17 0.12 0.00	23.45 0.21 0.00	28.78 0.43 0.00	29.43 0.39 0.00	32.11 0.58 0.00	28.95 0.50 0.00	28.43 0.56 0.00	25.60 0.64 0.00	27.31 0.62 0.00	27.95 0.61 0.00	31.91 0.65 0.00	30.70 0.64 0.00	33.50 0.43 0.00	37.15 0.44 0.00	44.47 0.58 0.00	57.72 0.98 0.00	45.72 0.67 0.00	31.60 0.38 0.00	29.52 0.34 0.00	25.89 0.36 0.00	27.94 0.39 0.00
ORANGEVILLE_WT_PWR 323706	36.23 0.27 0.00	31.86 0.07 0.00	25.01 -0.05 0.00	21.01 -0.04 0.00	23.37 0.12 0.00	28.88 0.53 0.00	29.33 0.30 0.00	31.94 0.41 0.00	28.71 0.26 0.00	28.40 0.53 0.00	25.59 0.63 0.00	27.15 0.45 0.00	27.72 0.38 0.00	31.86 0.60 0.00	30.60 0.53 0.00	34.43 0.64 -0.73	36.91 0.20 0.00	43.97 0.08 0.00	56.95 0.21 0.00	44.95 -0.10 0.00	31.05 -0.18 0.00	29.00 -0.17 0.00	25.55 0.03 0.00	27.78 0.24 0.00
ORANGEVILLE___ESR 323794	36.23 0.27 0.00	31.86 0.07 0.00	25.01 -0.05 0.00	21.01 -0.04 0.00	23.37 0.12 0.00	28.88 0.53 0.00	29.33 0.30 0.00	31.94 0.41 0.00	28.71 0.26 0.00	28.40 0.53 0.00	25.59 0.63 0.00	27.15 0.45 0.00	27.72 0.38 0.00	31.86 0.60 0.00	30.60 0.53 0.00	34.43 0.64 -0.73	36.91 0.20 0.00	43.97 0.08 0.00	56.95 0.21 0.00	44.95 -0.10 0.00	31.05 -0.18 0.00	29.00 -0.17 0.00	25.55 0.03 0.00	27.78 0.24 0.00
OSWEGATCHIE___HYD 24044	36.25 0.29 0.00	32.07 0.28 0.00	25.27 0.22 0.00	21.17 0.13 0.00	23.28 0.03 0.00	28.44 0.09 0.00	29.11 0.08 0.00	31.56 0.03 0.00	22.86 -0.35 5.24	27.46 -0.41 0.00	24.56 -0.41 0.00	26.13 -0.57 0.00	26.80 -0.54 0.00	30.72 -0.54 0.00	29.45 -0.62 0.00	32.51 -0.56 0.00	35.90 -0.81 0.00	43.09 -0.80 0.00	56.01 -0.73 0.00	44.60 -0.46 0.00	31.08 -0.15 0.00	28.91 -0.26 0.00	25.34 -0.18 0.00	27.44 -0.11 0.00
OSWEGO___5 23606	35.27 -0.70 0.00	31.12 -0.67 0.00	24.51 -0.54 0.00	20.59 -0.45 0.00	22.77 -0.47 0.00	27.84 -0.51 0.00	28.48 -0.55 0.00	30.97 -0.56 0.00	27.93 -0.51 0.00	27.38 -0.50 0.00	24.51 -0.45 0.00	26.18 -0.51 0.00	26.81 -0.53 0.00	30.65 -0.61 0.00	29.46 -0.60 0.00	32.34 -0.73 0.00	35.87 -0.84 0.00	42.90 -0.99 0.00	55.48 -1.26 0.00	44.04 -1.01 0.00	30.53 -0.70 0.00	28.51 -0.66 0.00	24.96 -0.56 0.00	27.04 -0.51 0.00
OSWEGO___6 23613	35.27 -0.70 0.00	31.12 -0.67 0.00	24.51 -0.54 0.00	20.59 -0.45 0.00	22.77 -0.47 0.00	27.84 -0.51 0.00	28.48 -0.55 0.00	30.97 -0.56 0.00	27.93 -0.51 0.00	27.38 -0.50 0.00	24.51 -0.45 0.00	26.18 -0.51 0.00	26.81 -0.53 0.00	30.65 -0.61 0.00	29.46 -0.60 0.00	32.34 -0.73 0.00	35.87 -0.84 0.00	42.90 -0.99 0.00	55.48 -1.26 0.00	44.04 -1.01 0.00	30.53 -0.70 0.00	28.51 -0.66 0.00	24.96 -0.56 0.00	27.04 -0.51 0.00
OUTOKUMPU-AB___DRP 24206	36.17 0.21 0.00	31.81 0.03 0.00	24.94 -0.12 0.00	21.00 -0.04 0.00	23.35 0.10 0.00	28.91 0.56 0.00	29.19 0.16 0.00	31.63 0.10 0.00	28.45 0.00 0.00	28.19 0.31 0.00	25.48 0.52 0.00	27.00 0.31 0.00	27.53 0.20 0.00	31.71 0.45 0.00	30.45 0.38 0.00	34.93 0.51 -1.36	36.45 -0.27 0.00	43.39 -0.49 0.00	56.13 -0.61 0.00	44.32 -0.73 0.00	30.55 -0.67 0.00	28.51 -0.67 0.00	25.17 -0.35 0.00	27.49 -0.06 0.00
OXBOW____ 24026	35.88 -0.08 0.00	31.58 -0.21 0.00	24.78 -0.27 0.00	20.83 -0.21 0.00	23.18 -0.07 0.00	28.70 0.35 0.00	28.98 -0.05 0.00	31.39 -0.14 0.00	28.21 -0.24 0.00	27.97 0.10 0.00	25.31 0.34 0.00	26.79 0.10 0.00	27.33 -0.01 0.00	31.46 0.20 0.00	30.20 0.14 0.00	34.34 0.09 -1.18	36.04 -0.68 0.00	42.90 -0.99 0.00	55.50 -1.24 0.00	43.83 -1.23 0.00	30.23 -1.00 0.00	28.21 -0.97 0.00	24.93 -0.59 0.00	27.26 -0.29 0.00
OXY_CHEM_DSASP 323612	35.38 -0.58 0.00	31.15 -0.64 0.00	24.41 -0.65 0.00	20.56 -0.48 0.00	22.88 -0.37 0.00	28.33 -0.02 0.00	28.62 -0.41 0.00	30.96 -0.57 0.00	27.80 -0.64 0.00	27.58 -0.29 0.00	24.94 -0.03 0.00	26.39 -0.30 0.00	26.92 -0.42 0.00	30.97 -0.28 0.00	29.73 -0.33 0.00	33.52 -0.56 -1.00	35.37 -1.35 0.00	42.09 -1.80 0.00	54.47 -2.27 0.00	43.05 -2.00 0.00	29.69 -1.53 0.00	27.72 -1.46 0.00	24.53 -0.99 0.00	26.85 -0.69 0.00
OZONE_PARK_ESR 323760	38.10 2.14 0.00	33.49 1.70 0.00	26.47 1.41 0.00	22.18 1.14 0.00	24.42 1.17 0.00	29.65 1.30 0.00	30.51 1.48 0.00	33.16 1.63 0.00	30.26 1.81 0.00	29.89 2.02 0.00	26.96 2.00 0.00	28.93 2.24 0.00	29.53 2.19 0.00	33.76 2.51 0.00	32.62 2.56 0.00	36.07 3.00 0.00	40.00 3.29 0.00	47.74 3.85 0.00	61.59 4.85 0.00	48.67 3.61 0.00	33.64 2.41 0.00	31.38 2.21 0.00	27.39 1.87 0.00	29.34 1.79 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	35.38 -0.58 0.00	31.15 -0.64 0.00	24.41 -0.65 0.00	20.56 -0.48 0.00	22.88 -0.37 0.00	28.33 -0.02 0.00	28.62 -0.41 0.00	30.96 -0.57 0.00	27.80 -0.64 0.00	27.58 -0.29 0.00	24.94 -0.03 0.00	26.39 -0.30 0.00	26.92 -0.42 0.00	30.97 -0.28 0.00	29.73 -0.33 0.00	33.52 -0.56 -1.00	35.37 -1.35 0.00	42.09 -1.80 0.00	54.47 -2.27 0.00	43.05 -2.00 0.00	29.69 -1.53 0.00	27.72 -1.46 0.00	24.53 -0.99 0.00	26.85 -0.69 0.00
PACKARD___115KV_DUPONT_184 80571	35.38 -0.58 0.00	31.15 -0.64 0.00	24.41 -0.65 0.00	20.56 -0.48 0.00	22.88 -0.37 0.00	28.33 -0.02 0.00	28.62 -0.41 0.00	30.96 -0.57 0.00	27.80 -0.64 0.00	27.58 -0.29 0.00	24.94 -0.03 0.00	26.39 -0.30 0.00	26.92 -0.42 0.00	30.97 -0.28 0.00	29.73 -0.33 0.00	33.52 -0.56 -1.00	35.37 -1.35 0.00	42.09 -1.80 0.00	54.47 -2.27 0.00	43.05 -2.00 0.00	29.69 -1.53 0.00	27.72 -1.46 0.00	24.53 -0.99 0.00	26.85 -0.69 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	37.67 1.71 0.00	33.14 1.35 0.00	26.22 1.16 0.00	21.96 0.92 0.00	24.18 0.93 0.00	29.37 1.02 0.00	30.22 1.19 0.00	32.82 1.29 0.00	29.95 1.50 0.00	29.53 1.66 0.00	26.61 1.65 0.00	28.54 1.85 0.00	29.13 1.79 0.00	33.30 2.05 0.00	32.19 2.12 0.00	35.58 2.51 0.00	39.47 2.76 0.00	47.13 3.24 0.00	60.79 4.05 0.00	48.08 3.03 0.00	33.26 2.03 0.00	31.04 1.86 0.00	27.06 1.54 0.00	28.97 1.42 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.78 1.82 0.00	33.23 1.44 0.00	26.37 1.31 0.00	22.10 1.06 0.00	24.25 1.00 0.00	29.46 1.12 0.00	30.31 1.28 0.00	32.90 1.37 0.00	30.00 1.56 0.00	29.55 1.68 0.00	26.68 1.71 0.00	28.63 1.94 0.00	29.22 1.89 0.00	33.37 2.11 0.00	32.29 2.22 0.00	35.60 2.54 0.00	39.43 2.72 0.00	47.14 3.25 0.00	60.78 4.03 0.00	48.08 3.03 0.00	33.24 2.02 0.00	31.03 1.86 0.00	27.07 1.55 0.00	29.00 1.46 0.00
PATROON__115KV_TB1 80586	36.73 0.76 0.00	32.44 0.65 0.00	25.61 0.55 0.00	21.51 0.47 0.00	23.72 0.47 0.00	28.79 0.43 0.00	29.54 0.51 0.00	32.05 0.52 0.00	28.99 0.54 0.00	28.45 0.58 0.00	25.52 0.56 0.00	27.39 0.70 0.00	28.09 0.75 0.00	32.09 0.83 0.00	30.87 0.80 0.00	33.92 0.85 0.00	37.71 1.00 0.00	45.13 1.24 0.00	58.36 1.62 0.00	46.47 1.42 0.00	32.16 0.93 0.00	29.97 0.79 0.00	26.13 0.61 0.00	28.13 0.58 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	36.27 0.31 0.00	31.88 0.09 0.00	24.96 -0.10 0.00	21.01 -0.03 0.00	23.38 0.13 0.00	28.93 0.58 0.00	29.34 0.30 0.00	31.96 0.43 0.00	28.75 0.31 0.00	28.48 0.61 0.00	25.70 0.73 0.00	27.27 0.58 0.00	27.83 0.49 0.00	32.02 0.76 0.00	30.74 0.68 0.00	34.76 0.71 -0.98	36.98 0.27 0.00	44.10 0.21 0.00	57.02 0.28 0.00	44.94 -0.11 0.00	30.98 -0.25 0.00	28.92 -0.26 0.00	25.51 -0.02 0.00	27.78 0.23 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	37.87 1.91 0.00	33.31 1.52 0.00	26.30 1.25 0.00	22.02 0.98 0.00	24.27 1.02 0.00	29.52 1.16 0.00	30.36 1.33 0.00	33.01 1.48 0.00	30.09 1.64 0.00	29.62 1.75 0.00	26.68 1.72 0.00	28.63 1.94 0.00	29.27 1.94 0.00	33.50 2.24 0.00	32.35 2.29 0.00	35.74 2.67 0.00	39.67 2.96 0.00	47.43 3.54 0.00	61.27 4.53 0.00	48.44 3.39 0.00	33.45 2.23 0.00	31.18 2.00 0.00	27.17 1.65 0.00	29.12 1.57 0.00
PEEKSKILL____ 23653	37.45 1.49 0.00	32.95 1.16 0.00	26.03 0.97 0.00	21.81 0.77 0.00	24.03 0.78 0.00	29.21 0.86 0.00	30.03 1.00 0.00	32.65 1.12 0.00	29.71 1.27 0.00	29.33 1.46 0.00	26.41 1.45 0.00	28.36 1.67 0.00	28.98 1.64 0.00	33.14 1.88 0.00	31.99 1.93 0.00	35.36 2.29 0.00	39.24 2.53 0.00	46.87 2.98 0.00	60.50 3.75 0.00	47.85 2.79 0.00	33.07 1.84 0.00	30.83 1.65 0.00	26.88 1.36 0.00	28.84 1.29 0.00
PGE MADISON__WINDPWR 24146	38.45 2.48 0.00	33.74 1.95 0.00	26.63 1.57 0.00	22.36 1.32 0.00	24.73 1.48 0.00	30.37 2.03 0.00	31.10 2.07 0.00	33.90 2.37 0.00	30.47 2.03 0.00	29.72 1.85 0.00	26.57 1.61 0.00	28.53 1.84 0.00	29.34 2.01 0.00	33.42 2.16 0.00	32.25 2.18 0.00	34.95 1.88 0.00	38.85 2.14 0.00	46.75 2.86 0.00	60.92 4.18 0.00	48.78 3.73 0.00	33.86 2.63 0.00	31.55 2.37 0.00	27.45 1.93 0.00	29.55 2.00 0.00
PIERCEFIELD__HYD 23852	35.78 -0.18 0.00	31.74 -0.05 0.00	25.03 -0.03 0.00	20.94 -0.11 0.00	22.90 -0.34 0.00	27.93 -0.42 0.00	28.57 -0.46 0.00	30.92 -0.60 0.00	19.72 -1.01 7.71	26.87 -1.00 0.00	24.03 -0.93 0.00	25.62 -1.08 0.00	26.28 -1.06 0.00	30.09 -1.17 0.00	28.89 -1.18 0.00	31.84 -1.23 0.00	35.34 -1.37 0.00	42.30 -1.59 0.00	54.81 -1.93 0.00	43.62 -1.43 0.00	30.34 -0.89 0.00	28.39 -0.78 0.00	25.00 -0.52 0.00	27.14 -0.41 0.00
PINELAWN_CC_1 323563	45.48 2.85 -6.67	34.17 2.37 0.00	39.67 1.91 -12.70	22.56 1.51 0.00	24.81 1.56 0.00	30.09 1.74 0.00	30.75 1.72 0.00	33.53 2.00 0.00	30.68 2.23 0.00	30.23 2.36 0.00	29.70 2.33 -2.41	29.31 2.54 -0.08	29.78 2.44 0.00	34.08 2.75 -0.07	35.09 2.91 -2.12	40.05 3.50 -3.49	60.77 3.91 -20.14	55.92 4.59 -7.43	82.36 5.96 -19.66	49.93 4.48 -0.40	47.75 3.08 -13.44	90.16 2.73 -58.25	27.70 2.18 0.00	29.61 2.05 0.00
PJM_GEN_HTP_PROXY 323702	37.59 1.63 0.00	33.06 1.28 0.00	26.14 1.08 0.00	21.92 0.88 0.00	24.13 0.88 0.00	29.30 0.95 0.00	30.15 1.12 0.00	32.75 1.22 0.00	29.89 1.44 0.00	29.32 1.66 0.21	26.63 1.67 0.00	28.58 1.89 0.00	29.17 1.83 0.00	33.35 2.09 0.00	32.22 2.16 0.00	35.61 2.54 0.00	39.49 2.78 0.00	47.13 3.24 0.00	60.81 4.07 0.00	48.04 2.99 0.00	33.20 1.97 0.00	30.97 1.79 0.00	27.02 1.50 0.00	28.65 1.41 0.31
PJM_GEN_KEystone 24065	36.45 0.49 0.00	32.04 0.25 0.00	25.23 0.17 0.00	20.76 0.14 0.42	23.45 0.21 0.00	28.72 0.37 0.00	29.37 0.34 0.00	31.95 0.43 0.01	28.92 0.47 0.00	30.83 0.75 0.00	25.77 0.81 0.00	27.51 0.82 0.00	28.10 0.76 0.00	32.22 0.96 0.00	31.03 0.96 0.00	34.26 1.19 0.00	37.86 1.15 0.00	45.18 1.29 0.00	61.84 1.60 -3.50	43.61 0.95 2.40	31.78 0.55 0.00	29.67 0.50 0.00	25.99 0.47 0.00	27.77 0.53 0.31
PJM_GEN_NEPTUNE_PROXY 323594	44.82 2.19 -6.67	33.60 1.80 0.00	28.97 1.47 -2.44	22.21 1.17 0.00	24.41 1.16 0.00	29.63 1.28 0.00	30.30 1.27 0.00	33.01 1.48 0.00	30.18 1.73 0.00	29.55 1.89 0.21	29.29 1.92 -2.41	28.91 2.14 -0.08	29.40 2.05 0.00	33.61 2.28 -0.07	34.58 2.40 -2.12	39.41 2.86 -3.49	60.04 3.19 -20.14	55.05 3.72 -7.43	81.15 4.74 -19.66	49.00 3.55 -0.40	47.09 2.42 -13.44	89.56 2.13 -58.25	27.27 1.75 0.00	28.87 1.63 0.31
PJM_GEN_VFT_PROXY 323633	37.38 1.42 0.00	32.87 1.08 0.00	26.03 0.98 0.00	21.83 0.78 0.00	24.02 0.78 0.00	29.15 0.81 0.00	29.98 0.95 0.00	32.33 1.01 0.21	29.66 1.25 0.03	29.14 1.48 0.21	26.50 1.53 0.00	28.44 1.74 0.00	29.02 1.68 0.00	33.18 1.91 0.00	32.05 1.98 0.00	35.41 2.35 0.00	39.27 2.56 0.00	46.86 2.97 0.00	60.48 3.74 0.00	47.77 2.71 0.00	33.01 1.78 0.00	30.79 1.62 0.00	26.89 1.37 0.00	28.52 1.28 0.31
PLATSBRG_115KV_PMLD1 355749	37.08 1.12 0.00	32.98 1.19 0.00	25.99 0.94 0.00	21.93 0.89 0.00	24.33 1.08 0.00	29.69 1.34 0.00	30.42 1.39 0.00	33.01 1.48 0.00	81.28 1.46 -51.38	28.62 0.75 0.00	25.33 0.37 0.00	27.00 0.30 0.00	27.86 0.52 0.00	31.82 0.56 0.00	30.48 0.42 0.00	33.55 0.48 0.00	37.49 0.78 0.00	44.92 1.03 0.00	58.38 1.63 0.00	46.79 1.74 0.00	32.45 1.23 0.00	30.47 1.29 0.00	26.59 1.07 0.00	28.56 1.01 0.00
PLEASANTVLY__LBMP 24000	37.34 1.38 0.00	32.89 1.10 0.00	25.98 0.92 0.00	21.75 0.71 0.00	23.97 0.73 0.00	29.15 0.80 0.00	29.95 0.92 0.00	32.53 1.00 0.00	29.58 1.13 0.00	29.15 1.28 0.00	26.23 1.26 0.00	28.13 1.44 0.00	28.78 1.44 0.00	32.88 1.62 0.00	31.72 1.66 0.00	35.01 1.94 0.00	38.87 2.16 0.00	46.45 2.56 0.00	59.99 3.25 0.00	47.52 2.46 0.00	32.85 1.63 0.00	30.64 1.46 0.00	26.72 1.20 0.00	28.69 1.14 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	37.60 1.63 0.00	33.09 1.30 0.00	26.14 1.09 0.00	21.89 0.85 0.00	24.12 0.87 0.00	29.31 0.96 0.00	30.16 1.13 0.00	32.76 1.23 0.00	29.83 1.39 0.00	29.46 1.58 0.00	26.52 1.56 0.00	28.46 1.77 0.00	29.09 1.75 0.00	33.24 1.99 0.00	32.09 2.03 0.00	35.47 2.40 0.00	39.36 2.64 0.00	47.01 3.12 0.00	60.70 3.96 0.00	47.98 2.92 0.00	33.17 1.94 0.00	30.93 1.75 0.00	26.97 1.45 0.00	28.92 1.37 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	37.60 1.63 0.00	33.09 1.30 0.00	26.14 1.09 0.00	21.89 0.85 0.00	24.12 0.87 0.00	29.31 0.96 0.00	30.16 1.13 0.00	32.76 1.23 0.00	29.83 1.39 0.00	29.46 1.58 0.00	26.52 1.56 0.00	28.46 1.77 0.00	29.09 1.75 0.00	33.24 1.99 0.00	32.09 2.03 0.00	35.47 2.40 0.00	39.36 2.64 0.00	47.01 3.12 0.00	60.70 3.96 0.00	47.98 2.92 0.00	33.17 1.94 0.00	30.93 1.75 0.00	26.97 1.45 0.00	28.92 1.37 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	37.63 1.67 0.00	33.11 1.32 0.00	26.15 1.10 0.00	21.88 0.84 0.00	24.12 0.87 0.00	29.35 1.00 0.00	30.17 1.14 0.00	32.79 1.26 0.00	29.80 1.36 0.00	29.36 1.49 0.00	26.40 1.44 0.00	28.33 1.64 0.00	28.98 1.64 0.00	33.16 1.90 0.00	32.00 1.93 0.00	35.34 2.27 0.00	39.24 2.52 0.00	46.92 3.03 0.00	60.67 3.93 0.00	48.04 2.98 0.00	33.19 1.96 0.00	30.93 1.75 0.00	26.95 1.43 0.00	28.92 1.37 0.00
POLETTI____ 23519	37.56 1.59 0.00	33.03 1.24 0.00	26.12 1.07 0.00	21.90 0.86 0.00	24.10 0.85 0.00	29.26 0.91 0.00	30.10 1.07 0.00	32.72 1.19 0.00	29.86 1.42 0.00	29.50 1.63 0.00	26.60 1.64 0.00	28.54 1.85 0.00	29.12 1.79 0.00	33.30 2.04 0.00	32.17 2.10 0.00	35.56 2.50 0.00	39.44 2.73 0.00	47.07 3.18 0.00	60.75 4.01 0.00	48.00 2.94 0.00	33.17 1.94 0.00	30.94 1.77 0.00	27.00 1.48 0.00	28.93 1.39 0.00
POMONA____ESR 323819	37.42 1.46 0.00	32.90 1.11 0.00	25.99 0.93 0.00	21.78 0.74 0.00	23.99 0.75 0.00	29.18 0.83 0.00	30.00 0.97 0.00	32.62 1.09 0.00	29.68 1.24 0.00	29.31 1.44 0.00	26.41 1.45 0.00	28.37 1.68 0.00	29.00 1.66 0.00	33.18 1.91 0.00	32.03 1.96 0.00	35.41 2.34 0.00	39.29 2.58 0.00	46.92 3.03 0.00	60.56 3.82 0.00	47.87 2.81 0.00	33.08 1.85 0.00	30.82 1.64 0.00	26.87 1.35 0.00	28.84 1.29 0.00
PORT_JEFF_3 23555	45.77 3.13 -6.67	34.50 2.70 -0.01	156.00 2.20 -128.74	22.76 1.71 0.00	25.05 1.80 0.00	30.31 1.96 0.00	30.81 1.78 0.00	33.64 2.11 0.00	30.83 2.38 0.00	30.39 2.52 0.00	29.76 2.39 -2.41	29.37 2.60 -0.08	29.81 2.47 0.00	34.19 2.86 -0.07	35.21 3.03 -2.12	40.26 3.71 -3.49	61.01 4.15 -20.16	56.10 4.78 -7.43	82.61 6.20 -19.67	50.07 4.61 -0.40	47.89 3.22 -13.44	90.27 2.85 -58.25	27.76 2.24 0.00	29.69 2.15 0.00
PORT_JEFF_4 23616	45.77 3.13 -6.67	34.50 2.70 -0.01	156.00 2.20 -128.74	22.76 1.71 0.00	25.05 1.80 0.00	30.31 1.96 0.00	30.81 1.78 0.00	33.64 2.11 0.00	30.83 2.38 0.00	30.39 2.52 0.00	29.76 2.39 -2.41	29.37 2.60 -0.08	29.81 2.47 0.00	34.19 2.86 -0.07	35.21 3.03 -2.12	40.26 3.71 -3.49	61.01 4.15 -20.16	56.10 4.78 -7.43	82.61 6.20 -19.67	50.07 4.61 -0.40	47.89 3.22 -13.44	90.27 2.85 -58.25	27.76 2.24 0.00	29.69 2.15 0.00
PORT_JEFF_IC 23713	45.84 3.21 -6.67	34.57 2.77 -0.01	141.25 2.24 -113.96	22.79 1.75 0.00	25.09 1.84 0.00	30.36 2.01 0.00	30.84 1.81 0.00	33.69 2.16 0.00	30.88 2.43 0.00	30.44 2.57 0.00	29.80 2.42 -2.41	29.40 2.64 -0.08	29.85 2.51 0.00	34.25 2.92 -0.07	35.27 3.09 -2.12	40.35 3.80 -3.49	61.09 4.22 -20.16	56.07 4.75 -7.43	82.56 6.16 -19.67	50.02 4.57 -0.40	47.88 3.20 -13.44	90.33 2.90 -58.25	27.81 2.29 0.00	29.74 2.19 0.00
PPL PILGRIM_ST_GT1 24216	45.77 3.14 -6.67	34.45 2.66 0.00	62.46 2.18 -35.23	22.76 1.72 0.00	25.02 1.77 0.00	30.31 1.96 0.00	30.93 1.90 0.00	33.74 2.21 0.00	30.89 2.44 0.00	30.44 2.57 0.00	29.87 2.50 -2.41	29.52 2.75 -0.08	29.99 2.65 0.00	34.34 3.01 -0.07	35.36 3.18 -2.12	40.35 3.80 -3.49	60.92 4.06 -20.14	56.01 4.68 -7.43	82.64 6.23 -19.66	50.14 4.69 -0.40	47.95 3.28 -13.44	90.36 2.94 -58.25	27.86 2.34 0.00	29.78 2.23 0.00
PPL PILGRIM_ST_GT2 24217	45.77 3.14 -6.67	34.45 2.66 0.00	62.46 2.18 -35.23	22.76 1.72 0.00	25.02 1.77 0.00	30.31 1.96 0.00	30.93 1.90 0.00	33.74 2.21 0.00	30.89 2.44 0.00	30.44 2.57 0.00	29.87 2.50 -2.41	29.52 2.75 -0.08	29.99 2.65 0.00	34.34 3.01 -0.07	35.36 3.18 -2.12	40.35 3.80 -3.49	60.92 4.06 -20.14	56.01 4.68 -7.43	82.64 6.23 -19.66	50.14 4.69 -0.40	47.95 3.28 -13.44	90.36 2.94 -58.25	27.86 2.34 0.00	29.78 2.23 0.00
PPL_SHRM_GT3 24213	45.82 3.19 -6.67	34.68 2.88 -0.01	151.44 2.45 -123.94	22.94 1.90 0.00	25.26 2.01 0.00	30.40 2.05 0.00	30.55 1.52 0.00	33.45 1.92 0.00	30.69 2.24 0.00	30.25 2.38 0.00	29.60 2.22 -2.41	29.15 2.38 -0.08	29.50 2.16 0.00	33.99 2.66 -0.07	35.00 2.83 -2.12	39.97 3.42 -3.49	60.79 3.93 -20.16	55.97 4.64 -7.43	82.48 6.07 -19.67	49.92 4.47 -0.40	47.80 3.13 -13.44	90.14 2.72 -58.25	27.52 2.00 0.00	29.56 2.01 0.00
PPL_SHRM_GT4 24214	45.82 3.19 -6.67	34.68 2.88 -0.01	151.44 2.45 -123.94	22.94 1.90 0.00	25.26 2.01 0.00	30.40 2.05 0.00	30.55 1.52 0.00	33.45 1.92 0.00	30.69 2.24 0.00	30.25 2.38 0.00	29.60 2.22 -2.41	29.15 2.38 -0.08	29.50 2.16 0.00	33.99 2.66 -0.07	35.00 2.83 -2.12	39.97 3.42 -3.49	60.79 3.93 -20.16	55.97 4.64 -7.43	82.48 6.07 -19.67	49.92 4.47 -0.40	47.80 3.13 -13.44	90.14 2.72 -58.25	27.52 2.00 0.00	29.56 2.01 0.00
PROJECT___ORANGE 1 24174	35.76 -0.21 0.00	31.52 -0.27 0.00	24.81 -0.24 0.00	20.84 -0.20 0.00	23.06 -0.19 0.00	28.22 -0.13 0.00	28.88 -0.15 0.00	31.42 -0.11 0.00	28.36 -0.09 0.00	27.83 -0.04 0.00	24.94 -0.03 0.00	26.64 -0.05 0.00	27.27 -0.07 0.00	31.16 -0.10 0.00	29.92 -0.15 0.00	32.84 -0.23 0.00	36.41 -0.30 0.00	43.54 -0.34 0.00	56.33 -0.42 0.00	44.68 -0.38 0.00	30.94 -0.28 0.00	28.92 -0.26 0.00	25.33 -0.19 0.00	27.43 -0.12 0.00
PROJECT___ORANGE 2 24166	35.76 -0.21 0.00	31.52 -0.27 0.00	24.81 -0.24 0.00	20.84 -0.20 0.00	23.06 -0.19 0.00	28.22 -0.13 0.00	28.88 -0.15 0.00	31.42 -0.11 0.00	28.36 -0.09 0.00	27.83 -0.04 0.00	24.94 -0.03 0.00	26.64 -0.05 0.00	27.27 -0.07 0.00	31.16 -0.10 0.00	29.92 -0.15 0.00	32.84 -0.23 0.00	36.41 -0.30 0.00	43.54 -0.34 0.00	56.33 -0.42 0.00	44.68 -0.38 0.00	30.94 -0.28 0.00	28.92 -0.26 0.00	25.33 -0.19 0.00	27.43 -0.12 0.00
PUCKETT___SOLAR 323809	36.78 0.81 0.00	32.35 0.56 0.00	25.46 0.40 0.00	21.38 0.33 0.00	23.68 0.43 0.00	29.04 0.69 0.00	29.72 0.69 0.00	32.37 0.84 0.00	29.14 0.69 0.00	28.57 0.70 0.00	25.54 0.57 0.00	27.35 0.66 0.00	28.05 0.71 0.00	32.02 0.76 0.00	30.77 0.71 0.00	33.81 0.74 0.00	37.45 0.74 0.00	44.94 1.05 0.00	58.32 1.58 0.00	46.36 1.30 0.00	32.10 0.88 0.00	29.99 0.82 0.00	26.21 0.69 0.00	28.27 0.72 0.00
PYRITES___HYD 24023	36.23 0.27 0.00	32.13 0.34 0.00	25.40 0.34 0.00	21.32 0.28 0.00	23.35 0.10 0.00	28.51 0.16 0.00	29.17 0.14 0.00	31.51 -0.02 0.00	21.01 -0.55 6.88	27.40 -0.47 0.00	24.54 -0.42 0.00	26.22 -0.47 0.00	26.87 -0.47 0.00	30.80 -0.45 0.00	29.62 -0.44 0.00	32.55 -0.52 0.00	36.10 -0.61 0.00	43.17 -0.73 0.00	55.90 -0.84 0.00	44.52 -0.53 0.00	31.00 -0.23 0.00	29.01 -0.17 0.00	25.50 -0.02 0.00	27.58 0.03 0.00

QUAKERRD_115KV_BK1 80622	35.23 -0.74 0.00	31.02 -0.78 0.00	24.35 -0.70 0.00	20.48 -0.56 0.00	22.71 -0.53 0.00	27.95 -0.40 0.00	28.49 -0.54 0.00	31.02 -0.51 0.00	27.95 -0.50 0.00	27.51 -0.36 0.00	24.74 -0.22 0.00	26.34 -0.35 0.00	26.94 -0.40 0.00	30.87 -0.39 0.00	29.67 -0.39 0.00	32.29 -0.78 0.00	35.87 -0.84 0.00	42.91 -0.98 0.00	55.59 -1.15 0.00	44.02 -1.03 0.00	30.40 -0.82 0.00	28.33 -0.84 0.00	24.85 -0.67 0.00	26.99 -0.56 0.00
QUENSBRY_115KV_TB8 356137	37.66 1.70 0.00	33.22 1.43 0.00	26.04 0.98 0.00	21.81 0.76 0.00	24.14 0.89 0.00	29.31 0.96 0.00	30.15 1.12 0.00	32.76 1.23 0.00	29.58 1.14 0.00	28.98 1.10 0.00	25.72 0.75 0.00	27.60 0.91 0.00	28.44 1.10 0.00	32.37 1.11 0.00	30.99 0.92 0.00	34.23 1.16 0.00	38.11 1.40 0.00	45.84 1.95 0.00	59.55 2.81 0.00	47.75 2.70 0.00	33.10 1.87 0.00	30.95 1.78 0.00	26.98 1.46 0.00	29.00 1.46 0.00
RAMAPO___LBMP 323565	37.28 1.32 0.00	32.78 1.00 0.00	25.90 0.85 0.00	21.70 0.66 0.00	23.92 0.68 0.00	29.09 0.75 0.00	29.91 0.88 0.00	32.52 0.99 0.00	29.58 1.13 0.00	29.19 1.32 0.00	26.30 1.33 0.00	28.24 1.55 0.00	28.86 1.53 0.00	33.01 1.76 0.00	31.86 1.80 0.00	35.22 2.16 0.00	39.09 2.38 0.00	46.69 2.80 0.00	60.26 3.52 0.00	47.66 2.60 0.00	32.94 1.72 0.00	30.70 1.52 0.00	26.76 1.24 0.00	28.74 1.19 0.00
RANKINE____ 23646	36.30 0.34 0.00	31.92 0.12 0.00	24.99 -0.07 0.00	21.04 -0.01 0.00	23.41 0.16 0.00	28.98 0.63 0.00	29.36 0.33 0.00	31.96 0.43 0.00	28.73 0.29 0.00	28.45 0.58 0.00	25.69 0.73 0.00	27.25 0.56 0.00	27.80 0.46 0.00	31.99 0.73 0.00	30.72 0.65 0.00	34.79 0.73 -0.99	36.90 0.19 0.00	43.97 0.08 0.00	56.90 0.16 0.00	44.88 -0.17 0.00	30.93 -0.30 0.00	28.88 -0.30 0.00	25.48 -0.04 0.00	27.78 0.23 0.00
RAVENSWOOD_GT2_1 24244	37.65 1.68 0.00	33.12 1.32 0.00	26.19 1.14 0.00	21.95 0.90 0.00	24.16 0.91 0.00	29.34 0.99 0.00	30.19 1.15 0.00	32.81 1.28 0.00	29.92 1.48 0.00	29.56 1.69 0.00	26.66 1.70 0.00	28.60 1.91 0.00	29.20 1.86 0.00	33.36 2.10 0.00	32.23 2.17 0.00	35.63 2.57 0.00	39.52 2.81 0.00	47.17 3.28 0.00	60.87 4.13 0.00	48.10 3.04 0.00	33.25 2.02 0.00	31.01 1.84 0.00	27.06 1.54 0.00	29.01 1.46 0.00
RAVENSWOOD_GT2_2 24245	37.65 1.68 0.00	33.12 1.32 0.00	26.19 1.14 0.00	21.95 0.90 0.00	24.16 0.91 0.00	29.34 0.99 0.00	30.19 1.15 0.00	32.81 1.28 0.00	29.92 1.48 0.00	29.56 1.69 0.00	26.66 1.70 0.00	28.60 1.91 0.00	29.20 1.86 0.00	33.36 2.10 0.00	32.23 2.17 0.00	35.63 2.57 0.00	39.52 2.81 0.00	47.17 3.28 0.00	60.87 4.13 0.00	48.10 3.04 0.00	33.25 2.02 0.00	31.01 1.84 0.00	27.06 1.54 0.00	29.01 1.46 0.00
RAVENSWOOD_GT2_3 24246	37.67 1.71 0.00	33.13 1.33 0.00	26.20 1.14 0.00	21.95 0.91 0.00	24.17 0.92 0.00	29.36 1.01 0.00	30.20 1.17 0.00	32.82 1.28 0.00	29.95 1.50 0.00	29.58 1.71 0.00	26.67 1.71 0.00	28.61 1.92 0.00	29.21 1.87 0.00	33.39 2.13 0.00	32.25 2.19 0.00	35.66 2.59 0.00	39.55 2.84 0.00	47.19 3.30 0.00	60.90 4.16 0.00	48.13 3.07 0.00	33.26 2.03 0.00	31.03 1.85 0.00	27.08 1.56 0.00	29.02 1.47 0.00
RAVENSWOOD_GT2_4 24247	37.67 1.71 0.00	33.13 1.33 0.00	26.20 1.14 0.00	21.95 0.91 0.00	24.17 0.92 0.00	29.36 1.01 0.00	30.20 1.17 0.00	32.82 1.28 0.00	29.95 1.50 0.00	29.58 1.71 0.00	26.67 1.71 0.00	28.61 1.92 0.00	29.21 1.87 0.00	33.39 2.13 0.00	32.25 2.19 0.00	35.66 2.59 0.00	39.55 2.84 0.00	47.19 3.30 0.00	60.90 4.16 0.00	48.13 3.07 0.00	33.26 2.03 0.00	31.03 1.85 0.00	27.08 1.56 0.00	29.02 1.47 0.00
RAVENSWOOD_GT3_1 24248	37.65 1.68 0.00	33.12 1.32 0.00	26.19 1.13 0.00	21.95 0.90 0.00	24.16 0.91 0.00	29.34 0.99 0.00	30.18 1.15 0.00	32.81 1.28 0.00	29.92 1.48 0.00	29.56 1.69 0.00	26.66 1.70 0.00	28.60 1.91 0.00	29.20 1.86 0.00	33.36 2.10 0.00	32.23 2.17 0.00	35.63 2.57 0.00	39.52 2.81 0.00	47.17 3.28 0.00	60.87 4.13 0.00	48.10 3.04 0.00	33.25 2.02 0.00	31.01 1.84 0.00	27.06 1.54 0.00	29.01 1.46 0.00
RAVENSWOOD_GT3_2 24249	37.65 1.68 0.00	33.12 1.32 0.00	26.19 1.13 0.00	21.95 0.90 0.00	24.16 0.91 0.00	29.34 0.99 0.00	30.18 1.15 0.00	32.81 1.28 0.00	29.92 1.48 0.00	29.56 1.69 0.00	26.66 1.70 0.00	28.60 1.91 0.00	29.20 1.86 0.00	33.36 2.10 0.00	32.23 2.17 0.00	35.63 2.57 0.00	39.52 2.81 0.00	47.17 3.28 0.00	60.87 4.13 0.00	48.10 3.04 0.00	33.25 2.02 0.00	31.01 1.84 0.00	27.06 1.54 0.00	29.01 1.46 0.00
RAVENSWOOD_GT3_3 24250	37.71 1.75 0.00	33.17 1.38 0.00	26.23 1.18 0.00	21.98 0.93 0.00	24.20 0.95 0.00	29.39 1.04 0.00	30.24 1.21 0.00	32.87 1.34 0.00	29.98 1.54 0.00	29.62 1.75 0.00	26.71 1.75 0.00	28.66 1.97 0.00	29.26 1.92 0.00	33.43 2.18 0.00	32.30 2.23 0.00	35.71 2.64 0.00	39.60 2.88 0.00	47.26 3.37 0.00	60.99 4.25 0.00	48.20 3.14 0.00	33.31 2.08 0.00	31.07 1.89 0.00	27.12 1.59 0.00	29.06 1.51 0.00
RAVENSWOOD_GT3_4 24251	37.71 1.75 0.00	33.17 1.38 0.00	26.23 1.18 0.00	21.98 0.93 0.00	24.20 0.95 0.00	29.39 1.04 0.00	30.24 1.21 0.00	32.87 1.34 0.00	29.98 1.54 0.00	29.62 1.75 0.00	26.71 1.75 0.00	28.66 1.97 0.00	29.26 1.92 0.00	33.43 2.18 0.00	32.30 2.23 0.00	35.71 2.64 0.00	39.60 2.88 0.00	47.26 3.37 0.00	60.99 4.25 0.00	48.20 3.14 0.00	33.31 2.08 0.00	31.07 1.89 0.00	27.12 1.59 0.00	29.06 1.51 0.00
RAVENSWOOD_GT_1 23729	37.70 1.74 0.00	33.17 1.38 0.00	26.24 1.18 0.00	21.99 0.94 0.00	24.21 0.96 0.00	29.41 1.06 0.00	30.27 1.24 0.00	32.90 1.37 0.00	30.03 1.58 0.00	29.66 1.79 0.00	26.74 1.78 0.00	28.70 2.01 0.00	29.29 1.94 0.00	33.47 2.21 0.00	32.33 2.27 0.00	35.75 2.68 0.00	39.63 2.91 0.00	47.27 3.38 0.00	60.99 4.25 0.00	48.19 3.14 0.00	33.33 2.10 0.00	31.11 1.93 0.00	27.15 1.63 0.00	29.08 1.53 0.00
RAVENSWOOD_GT_10 24258	37.65 1.68 0.00	33.11 1.32 0.00	26.19 1.13 0.00	21.95 0.90 0.00	24.16 0.91 0.00	29.34 0.99 0.00	30.18 1.15 0.00	32.80 1.27 0.00	29.92 1.48 0.00	29.56 1.69 0.00	26.65 1.69 0.00	28.60 1.91 0.00	29.20 1.86 0.00	33.36 2.10 0.00	32.23 2.16 0.00	35.63 2.56 0.00	39.51 2.80 0.00	47.17 3.28 0.00	60.87 4.13 0.00	48.09 3.04 0.00	33.24 2.02 0.00	31.01 1.83 0.00	27.06 1.54 0.00	29.01 1.46 0.00
RAVENSWOOD_GT_11 24259	37.65 1.68 0.00	33.11 1.32 0.00	26.18 1.12 0.00	21.95 0.90 0.00	24.16 0.91 0.00	29.34 0.99 0.00	30.18 1.15 0.00	32.80 1.27 0.00	29.92 1.48 0.00	29.56 1.69 0.00	26.65 1.69 0.00	28.61 1.91 0.00	29.20 1.86 0.00	33.36 2.11 0.00	32.23 2.17 0.00	35.63 2.56 0.00	39.52 2.81 0.00	47.17 3.28 0.00	60.87 4.13 0.00	48.10 3.04 0.00	33.25 2.02 0.00	31.01 1.83 0.00	27.06 1.54 0.00	29.01 1.46 0.00

RAVENSWOOD_GT_4 24252	37.65 1.69 0.00	33.12 1.32 0.00	26.19 1.14 0.00	21.95 0.90 0.00	24.16 0.91 0.00	29.35 1.00 0.00	30.18 1.15 0.00	32.81 1.28 0.00	29.92 1.48 0.00	29.56 1.69 0.00	26.65 1.69 0.00	28.60 1.91 0.00	29.19 1.85 0.00	33.36 2.10 0.00	32.23 2.16 0.00	35.63 2.56 0.00	39.51 2.80 0.00	47.16 3.27 0.00	60.87 4.13 0.00	48.09 3.04 0.00	33.24 2.01 0.00	31.01 1.83 0.00	27.06 1.54 0.00	29.00 1.45 0.00
RAVENSWOOD_GT_5 24254	37.65 1.69 0.00	33.12 1.32 0.00	26.19 1.14 0.00	21.95 0.90 0.00	24.16 0.91 0.00	29.35 1.00 0.00	30.18 1.15 0.00	32.81 1.28 0.00	29.92 1.48 0.00	29.56 1.69 0.00	26.65 1.69 0.00	28.60 1.91 0.00	29.19 1.85 0.00	33.36 2.10 0.00	32.23 2.16 0.00	35.63 2.56 0.00	39.51 2.80 0.00	47.16 3.27 0.00	60.87 4.13 0.00	48.09 3.04 0.00	33.24 2.01 0.00	31.01 1.83 0.00	27.06 1.54 0.00	29.00 1.45 0.00
RAVENSWOOD_GT_6 24253	37.65 1.69 0.00	33.12 1.32 0.00	26.19 1.14 0.00	21.95 0.90 0.00	24.16 0.91 0.00	29.35 1.00 0.00	30.18 1.15 0.00	32.81 1.28 0.00	29.92 1.48 0.00	29.56 1.69 0.00	26.65 1.69 0.00	28.60 1.91 0.00	29.19 1.85 0.00	33.36 2.10 0.00	32.23 2.16 0.00	35.63 2.56 0.00	39.51 2.80 0.00	47.16 3.27 0.00	60.87 4.13 0.00	48.09 3.04 0.00	33.24 2.01 0.00	31.01 1.83 0.00	27.06 1.54 0.00	29.00 1.45 0.00
RAVENSWOOD_GT_7 24255	37.65 1.69 0.00	33.12 1.32 0.00	26.19 1.14 0.00	21.95 0.90 0.00	24.16 0.91 0.00	29.35 1.00 0.00	30.18 1.15 0.00	32.81 1.28 0.00	29.92 1.48 0.00	29.56 1.69 0.00	26.65 1.69 0.00	28.60 1.91 0.00	29.19 1.85 0.00	33.36 2.10 0.00	32.23 2.16 0.00	35.63 2.56 0.00	39.51 2.80 0.00	47.16 3.27 0.00	60.87 4.13 0.00	48.09 3.04 0.00	33.24 2.01 0.00	31.01 1.83 0.00	27.06 1.54 0.00	29.00 1.45 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.65 1.68 0.00	33.11 1.32 0.00	26.19 1.13 0.00	21.95 0.90 0.00	24.16 0.91 0.00	29.34 0.99 0.00	30.18 1.15 0.00	32.80 1.27 0.00	29.92 1.48 0.00	29.56 1.69 0.00	26.65 1.69 0.00	28.60 1.91 0.00	29.20 1.86 0.00	33.36 2.10 0.00	32.23 2.16 0.00	35.63 2.56 0.00	39.51 2.80 0.00	47.17 3.28 0.00	60.87 4.13 0.00	48.09 3.04 0.00	33.24 2.02 0.00	31.01 1.83 0.00	27.06 1.54 0.00	29.01 1.46 0.00
RAVENSWOOD_GT_9 24257	37.65 1.68 0.00	33.11 1.32 0.00	26.19 1.13 0.00	21.95 0.90 0.00	24.16 0.91 0.00	29.34 0.99 0.00	30.18 1.15 0.00	32.80 1.27 0.00	29.92 1.48 0.00	29.56 1.69 0.00	26.65 1.69 0.00	28.60 1.91 0.00	29.20 1.86 0.00	33.36 2.10 0.00	32.23 2.16 0.00	35.63 2.56 0.00	39.51 2.80 0.00	47.17 3.28 0.00	60.87 4.13 0.00	48.09 3.04 0.00	33.24 2.02 0.00	31.01 1.83 0.00	27.06 1.54 0.00	29.01 1.46 0.00
RAVENSWOOD___1 23533	37.66 1.70 0.00	33.12 1.33 0.00	26.19 1.13 0.00	21.95 0.91 0.00	24.17 0.92 0.00	29.36 1.01 0.00	30.22 1.18 0.00	32.83 1.30 0.00	29.97 1.52 0.00	29.59 1.72 0.00	26.69 1.73 0.00	28.64 1.95 0.00	29.23 1.89 0.00	33.41 2.15 0.00	32.28 2.22 0.00	35.69 2.62 0.00	39.56 2.85 0.00	47.21 3.32 0.00	60.91 4.17 0.00	48.13 3.08 0.00	33.28 2.06 0.00	31.05 1.87 0.00	27.10 1.58 0.00	29.05 1.50 0.00
RAVENSWOOD___2 23534	37.66 1.70 0.00	33.12 1.33 0.00	26.19 1.13 0.00	21.95 0.91 0.00	24.17 0.92 0.00	29.36 1.01 0.00	30.22 1.18 0.00	32.83 1.30 0.00	29.97 1.52 0.00	29.59 1.72 0.00	26.69 1.73 0.00	28.64 1.95 0.00	29.23 1.89 0.00	33.41 2.15 0.00	32.28 2.22 0.00	35.69 2.62 0.00	39.56 2.85 0.00	47.21 3.32 0.00	60.91 4.17 0.00	48.13 3.08 0.00	33.28 2.06 0.00	31.05 1.87 0.00	27.10 1.58 0.00	29.05 1.50 0.00
RAVENSWOOD___3 23535	37.65 1.69 0.00	33.12 1.32 0.00	26.18 1.12 0.00	21.95 0.90 0.00	24.16 0.91 0.00	29.34 0.99 0.00	30.19 1.16 0.00	32.81 1.28 0.00	29.92 1.48 0.00	29.56 1.69 0.00	26.66 1.70 0.00	28.61 1.91 0.00	29.20 1.86 0.00	33.36 2.11 0.00	32.23 2.17 0.00	35.64 2.57 0.00	39.52 2.81 0.00	47.17 3.28 0.00	60.87 4.13 0.00	48.10 3.05 0.00	33.25 2.02 0.00	31.02 1.84 0.00	27.07 1.55 0.00	29.01 1.46 0.00
RAVENSWOOD___4 23820	37.66 1.70 0.00	33.12 1.33 0.00	26.19 1.13 0.00	21.95 0.91 0.00	24.17 0.92 0.00	29.36 1.01 0.00	30.22 1.18 0.00	32.83 1.30 0.00	29.97 1.52 0.00	29.59 1.72 0.00	26.69 1.73 0.00	28.64 1.95 0.00	29.23 1.89 0.00	33.41 2.15 0.00	32.28 2.22 0.00	35.69 2.62 0.00	39.56 2.85 0.00	47.21 3.32 0.00	60.91 4.17 0.00	48.13 3.08 0.00	33.28 2.06 0.00	31.05 1.87 0.00	27.10 1.58 0.00	29.05 1.50 0.00
RCPI_TRUST___DRP 24196	37.64 1.67 0.00	33.10 1.31 0.00	26.17 1.12 0.00	21.94 0.90 0.00	24.15 0.90 0.00	29.33 0.98 0.00	30.18 1.15 0.00	32.81 1.28 0.00	29.94 1.50 0.00	29.58 1.71 0.00	26.68 1.71 0.00	28.63 1.93 0.00	29.22 1.88 0.00	33.40 2.14 0.00	32.27 2.21 0.00	35.67 2.60 0.00	39.56 2.85 0.00	47.19 3.30 0.00	60.91 4.17 0.00	48.12 3.06 0.00	33.24 2.02 0.00	31.00 1.83 0.00	27.05 1.53 0.00	28.98 1.43 0.00
RED___ROCHESTER 323720	36.45 0.49 0.00	32.06 0.27 0.00	25.13 0.07 0.00	21.11 0.07 0.00	23.46 0.22 0.00	28.93 0.58 0.00	29.45 0.42 0.00	32.04 0.51 0.00	28.85 0.40 0.00	28.47 0.60 0.00	25.60 0.64 0.00	27.22 0.53 0.00	27.83 0.49 0.00	31.93 0.68 0.00	30.71 0.65 0.00	32.90 0.38 0.55	37.13 0.42 0.00	44.43 0.54 0.00	57.58 0.84 0.00	45.57 0.51 0.00	31.44 0.22 0.00	29.30 0.12 0.00	25.71 0.18 0.00	27.91 0.36 0.00
REGAN___SOLAR 323812	40.03 4.06 0.00	35.24 3.45 0.00	27.91 2.85 0.00	23.43 2.39 0.00	25.80 2.55 0.00	31.61 3.26 0.00	32.36 3.33 0.00	34.61 3.08 0.00	30.88 2.43 0.00	30.09 2.22 0.00	26.33 1.37 0.00	28.71 2.01 0.00	29.94 2.60 0.00	34.47 3.22 0.00	32.57 2.51 0.00	35.97 2.90 0.00	39.59 2.88 0.00	47.81 3.92 0.00	62.55 5.81 0.00	50.82 5.77 0.00	35.28 4.05 0.00	32.82 3.64 0.00	28.60 3.08 0.00	30.93 3.38 0.00
RENSSELAER___COGEN 23796	36.54 0.57 0.00	32.28 0.49 0.00	25.47 0.41 0.00	21.40 0.35 0.00	23.60 0.35 0.00	28.63 0.28 0.00	29.38 0.35 0.00	31.87 0.33 0.00	28.81 0.36 0.00	28.28 0.41 0.00	25.34 0.38 0.00	27.19 0.50 0.00	27.89 0.55 0.00	31.85 0.59 0.00	30.64 0.57 0.00	33.68 0.61 0.00	37.45 0.74 0.00	44.81 0.92 0.00	57.96 1.22 0.00	46.17 1.12 0.00	31.96 0.73 0.00	29.79 0.61 0.00	25.98 0.46 0.00	27.97 0.42 0.00
REPUBLIC_115KV_BARTNBRK 55605	39.45 3.49 0.00	34.72 2.93 0.00	27.12 2.06 0.00	22.68 1.63 0.00	25.01 1.76 0.00	30.26 1.91 0.00	31.25 2.22 0.00	34.06 2.53 0.00	30.72 2.28 0.00	30.12 2.25 0.00	26.86 1.90 0.00	28.89 2.20 0.00	30.08 2.74 0.00	34.11 2.85 0.00	32.43 2.36 0.00	35.82 2.75 0.00	40.02 3.31 0.00	48.70 4.81 0.00	63.24 6.50 0.00	50.76 5.70 0.00	34.90 3.68 0.00	32.88 3.71 0.00	28.63 3.11 0.00	30.86 3.31 0.00

REVERE_CPPR_DRP 24186	37.07 1.11 0.00	32.68 0.89 0.00	25.81 0.76 0.00	21.68 0.64 0.00	23.88 0.63 0.00	29.22 0.87 0.00	29.96 0.93 0.00	32.54 1.01 0.00	29.25 0.81 0.00	28.63 0.75 0.00	25.68 0.72 0.00	27.50 0.81 0.00	28.25 0.91 0.00	32.36 1.10 0.00	31.04 0.97 0.00	34.08 1.01 0.00	37.68 0.97 0.00	45.26 1.37 0.00	58.65 1.91 0.00	46.73 1.68 0.00	32.44 1.21 0.00	30.20 1.02 0.00	26.32 0.79 0.00	28.37 0.82 0.00
REYNOLDS_115KV_TB3 80639	36.83 0.87 0.00	32.56 0.77 0.00	25.69 0.64 0.00	21.59 0.55 0.00	23.82 0.57 0.00	28.86 0.51 0.00	29.62 0.59 0.00	32.10 0.57 0.00	29.01 0.57 0.00	28.48 0.61 0.00	25.50 0.54 0.00	27.36 0.66 0.00	28.07 0.73 0.00	32.05 0.79 0.00	30.80 0.73 0.00	33.85 0.78 0.00	37.62 0.91 0.00	45.04 1.15 0.00	58.25 1.51 0.00	46.45 1.39 0.00	32.15 0.93 0.00	29.98 0.80 0.00	26.14 0.62 0.00	28.17 0.62 0.00
RIVERBAY____ 323610	37.78 1.82 0.00	33.23 1.44 0.00	26.37 1.31 0.00	22.10 1.06 0.00	24.25 1.00 0.00	29.46 1.12 0.00	30.31 1.28 0.00	32.90 1.37 0.00	30.00 1.56 0.00	29.55 1.68 0.00	26.68 1.71 0.00	28.63 1.94 0.00	29.22 1.89 0.00	33.37 2.11 0.00	32.29 2.22 0.00	35.60 2.54 0.00	39.43 2.72 0.00	47.14 3.25 0.00	60.78 4.03 0.00	48.08 3.03 0.00	33.24 2.02 0.00	31.03 1.86 0.00	27.07 1.55 0.00	29.00 1.46 0.00
RIVERSDE_115KV_TB3 55908	36.71 0.75 0.00	32.44 0.65 0.00	25.60 0.54 0.00	21.51 0.47 0.00	23.73 0.48 0.00	28.77 0.42 0.00	29.53 0.50 0.00	32.02 0.49 0.00	28.95 0.50 0.00	28.42 0.55 0.00	25.46 0.49 0.00	27.32 0.63 0.00	28.03 0.69 0.00	32.01 0.75 0.00	30.78 0.71 0.00	33.83 0.76 0.00	37.61 0.90 0.00	45.01 1.12 0.00	58.20 1.46 0.00	46.37 1.32 0.00	32.10 0.87 0.00	29.93 0.75 0.00	26.09 0.57 0.00	28.10 0.55 0.00
ROARING__BROOK_WT_PWR 323790	35.96 0.00 0.00	31.76 -0.03 0.00	25.03 -0.02 0.00	21.02 -0.02 0.00	23.22 -0.02 0.00	28.32 -0.03 0.00	29.01 -0.02 0.00	31.52 -0.01 0.00	28.46 0.01 0.00	27.88 0.01 0.00	24.96 0.00 0.00	26.63 -0.06 0.00	27.28 -0.06 0.00	31.18 -0.07 0.00	30.05 -0.02 0.00	33.04 -0.03 0.00	36.61 -0.11 0.00	43.78 -0.11 0.00	56.78 0.04 0.00	45.11 0.05 0.00	31.20 -0.02 0.00	29.01 -0.17 0.00	25.38 -0.15 0.00	27.43 -0.12 0.00
ROCHESRG_115KV_T4 355643	36.03 0.07 0.00	31.72 -0.07 0.00	24.87 -0.19 0.00	20.92 -0.12 0.00	23.23 -0.02 0.00	28.63 0.28 0.00	29.14 0.11 0.00	31.69 0.16 0.00	28.52 0.08 0.00	28.12 0.25 0.00	25.30 0.34 0.00	26.91 0.22 0.00	27.50 0.16 0.00	31.55 0.29 0.00	30.33 0.26 0.00	32.66 0.04 0.45	36.63 -0.08 0.00	43.79 -0.10 0.00	56.71 -0.03 0.00	44.89 -0.17 0.00	30.99 -0.23 0.00	28.90 -0.28 0.00	25.38 -0.14 0.00	27.58 0.04 0.00
ROCHESTER_9_IC 23652	36.26 0.30 0.00	31.91 0.12 0.00	25.00 -0.05 0.00	21.02 -0.02 0.00	23.36 0.11 0.00	28.80 0.45 0.00	29.32 0.28 0.00	31.88 0.35 0.00	28.71 0.26 0.00	28.31 0.44 0.00	25.47 0.50 0.00	27.09 0.40 0.00	27.69 0.35 0.00	31.76 0.51 0.00	30.55 0.48 0.00	32.76 0.24 0.55	36.91 0.20 0.00	44.14 0.25 0.00	57.18 0.44 0.00	45.25 0.20 0.00	31.24 0.01 0.00	29.11 -0.07 0.00	25.56 0.04 0.00	27.76 0.21 0.00
ROCKVIEW_13_KV_LD 356306	37.74 1.78 0.00	33.20 1.41 0.00	26.24 1.18 0.00	21.97 0.93 0.00	24.21 0.96 0.00	29.43 1.08 0.00	30.26 1.23 0.00	32.89 1.36 0.00	29.96 1.52 0.00	29.59 1.72 0.00	26.67 1.71 0.00	28.62 1.93 0.00	29.24 1.90 0.00	33.42 2.16 0.00	32.28 2.21 0.00	35.68 2.61 0.00	39.59 2.88 0.00	47.27 3.38 0.00	61.01 4.27 0.00	48.22 3.17 0.00	33.32 2.09 0.00	31.07 1.90 0.00	27.10 1.58 0.00	29.06 1.51 0.00
ROME_____115KV_TB2 80656	37.07 1.11 0.00	32.68 0.89 0.00	25.81 0.76 0.00	21.68 0.64 0.00	23.88 0.63 0.00	29.22 0.87 0.00	29.96 0.93 0.00	32.54 1.01 0.00	29.25 0.81 0.00	28.63 0.75 0.00	25.68 0.72 0.00	27.50 0.81 0.00	28.25 0.91 0.00	32.36 1.10 0.00	31.04 0.97 0.00	34.08 1.01 0.00	37.68 0.97 0.00	45.26 1.37 0.00	58.65 1.91 0.00	46.73 1.68 0.00	32.44 1.21 0.00	30.20 1.02 0.00	26.32 0.79 0.00	28.37 0.82 0.00
ROSETON___1 23587	37.30 1.33 0.00	32.84 1.05 0.00	25.93 0.88 0.00	21.73 0.68 0.00	23.94 0.70 0.00	29.11 0.76 0.00	29.92 0.89 0.00	32.51 0.98 0.00	29.55 1.10 0.00	29.13 1.26 0.00	26.21 1.25 0.00	28.12 1.43 0.00	28.76 1.42 0.00	32.88 1.61 0.00	31.72 1.65 0.00	35.01 1.94 0.00	38.86 2.15 0.00	46.44 2.55 0.00	59.97 3.23 0.00	47.49 2.43 0.00	32.83 1.60 0.00	30.62 1.44 0.00	26.71 1.19 0.00	28.68 1.13 0.00
ROSETON___2 23588	37.30 1.33 0.00	32.84 1.05 0.00	25.93 0.88 0.00	21.73 0.68 0.00	23.94 0.70 0.00	29.11 0.76 0.00	29.92 0.89 0.00	32.51 0.98 0.00	29.55 1.10 0.00	29.13 1.26 0.00	26.21 1.25 0.00	28.12 1.43 0.00	28.76 1.42 0.00	32.88 1.61 0.00	31.72 1.65 0.00	35.01 1.94 0.00	38.86 2.15 0.00	46.44 2.55 0.00	59.97 3.23 0.00	47.49 2.43 0.00	32.83 1.60 0.00	30.62 1.44 0.00	26.71 1.19 0.00	28.68 1.13 0.00
ROTTTRDAM_115KV_TB3 80664	37.15 1.18 0.00	32.79 1.00 0.00	25.87 0.82 0.00	21.71 0.67 0.00	23.94 0.70 0.00	29.12 0.77 0.00	29.90 0.87 0.00	32.44 0.91 0.00	29.33 0.89 0.00	28.76 0.89 0.00	25.78 0.82 0.00	27.66 0.96 0.00	28.35 1.00 0.00	32.39 1.14 0.00	31.16 1.10 0.00	34.26 1.19 0.00	38.07 1.36 0.00	45.58 1.68 0.00	58.97 2.22 0.00	46.95 1.90 0.00	32.52 1.29 0.00	30.33 1.16 0.00	26.46 0.94 0.00	28.51 0.96 0.00
RUSSELL___1 23602	36.45 0.49 0.00	32.07 0.27 0.00	25.11 0.06 0.00	21.11 0.07 0.00	23.46 0.21 0.00	28.92 0.57 0.00	29.45 0.42 0.00	32.04 0.51 0.00	28.85 0.40 0.00	28.47 0.60 0.00	25.60 0.64 0.00	27.22 0.53 0.00	27.83 0.49 0.00	31.94 0.68 0.00	30.72 0.65 0.00	32.90 0.38 0.55	37.13 0.42 0.00	44.43 0.54 0.00	57.58 0.84 0.00	45.57 0.51 0.00	31.44 0.22 0.00	29.30 0.12 0.00	25.71 0.19 0.00	27.91 0.36 0.00
RUSSELL___2 23532	36.45 0.49 0.00	32.07 0.27 0.00	25.11 0.06 0.00	21.11 0.07 0.00	23.46 0.21 0.00	28.92 0.57 0.00	29.45 0.42 0.00	32.04 0.51 0.00	28.85 0.40 0.00	28.47 0.60 0.00	25.60 0.64 0.00	27.22 0.53 0.00	27.83 0.49 0.00	31.94 0.68 0.00	30.72 0.65 0.00	32.90 0.38 0.55	37.13 0.42 0.00	44.43 0.54 0.00	57.58 0.84 0.00	45.57 0.51 0.00	31.44 0.22 0.00	29.30 0.12 0.00	25.71 0.19 0.00	27.91 0.36 0.00
RUSSELL___3 23549	36.45 0.49 0.00	32.07 0.27 0.00	25.11 0.06 0.00	21.11 0.07 0.00	23.46 0.21 0.00	28.92 0.57 0.00	29.45 0.42 0.00	32.04 0.51 0.00	28.85 0.40 0.00	28.47 0.60 0.00	25.60 0.64 0.00	27.22 0.53 0.00	27.83 0.49 0.00	31.94 0.68 0.00	30.72 0.65 0.00	32.90 0.38 0.55	37.13 0.42 0.00	44.43 0.54 0.00	57.58 0.84 0.00	45.57 0.51 0.00	31.44 0.22 0.00	29.30 0.12 0.00	25.71 0.19 0.00	27.91 0.36 0.00

RUSSELL___4 23556	36.45 0.49 0.00	32.07 0.27 0.00	25.11 0.06 0.00	21.11 0.07 0.00	23.46 0.21 0.00	28.92 0.57 0.00	29.45 0.42 0.00	32.04 0.51 0.00	28.85 0.40 0.00	28.47 0.60 0.00	25.60 0.64 0.00	27.22 0.53 0.00	27.83 0.49 0.00	31.94 0.68 0.00	30.72 0.65 0.00	32.90 0.38 0.55	37.13 0.42 0.00	44.43 0.54 0.00	57.58 0.84 0.00	45.57 0.51 0.00	31.44 0.22 0.00	29.30 0.12 0.00	25.71 0.19 0.00	27.91 0.36 0.00
RUSSELL___STATION 23914	36.45 0.49 0.00	32.07 0.27 0.00	25.11 0.06 0.00	21.11 0.07 0.00	23.46 0.21 0.00	28.92 0.57 0.00	29.45 0.42 0.00	32.04 0.51 0.00	28.85 0.40 0.00	28.47 0.60 0.00	25.60 0.64 0.00	27.22 0.53 0.00	27.83 0.49 0.00	31.94 0.68 0.00	30.72 0.65 0.00	32.90 0.38 0.55	37.13 0.42 0.00	44.43 0.54 0.00	57.58 0.84 0.00	45.57 0.51 0.00	31.44 0.22 0.00	29.30 0.12 0.00	25.71 0.19 0.00	27.91 0.36 0.00
S SALMON___HYD 24043	35.89 -0.07 0.00	31.66 -0.14 0.00	24.92 -0.13 0.00	20.93 -0.11 0.00	23.15 -0.10 0.00	28.34 -0.01 0.00	29.01 -0.02 0.00	31.53 0.00 0.00	28.32 -0.13 0.00	27.68 -0.19 0.00	24.75 -0.21 0.00	26.35 -0.34 0.00	27.00 -0.34 0.00	30.92 -0.34 0.00	29.60 -0.46 0.00	32.61 -0.45 0.00	35.96 -0.75 0.00	43.12 -0.77 0.00	56.00 -0.74 0.00	44.54 -0.52 0.00	31.04 -0.18 0.00	28.98 -0.20 0.00	25.34 -0.18 0.00	27.43 -0.12 0.00
S.PERRY___115KV_TB1 80734	37.40 1.44 0.00	32.84 1.05 0.00	25.74 0.69 0.00	21.64 0.60 0.00	24.06 0.82 0.00	29.74 1.39 0.00	30.29 1.26 0.00	32.88 1.35 0.00	29.42 0.97 0.00	28.91 1.04 0.00	25.96 1.00 0.00	27.60 0.91 0.00	28.20 0.86 0.00	32.42 1.17 0.00	31.14 1.08 0.00	34.17 1.10 0.00	37.74 1.03 0.00	45.19 1.30 0.00	58.50 1.76 0.00	46.65 1.59 0.00	32.43 1.20 0.00	30.29 1.11 0.00	26.58 1.06 0.00	28.74 1.19 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.02 0.05 0.00	31.68 -0.11 0.00	24.80 -0.25 0.00	20.88 -0.16 0.00	23.24 -0.01 0.00	28.78 0.43 0.00	29.12 0.09 0.00	31.68 0.14 0.00	28.46 0.02 0.00	28.17 0.30 0.00	25.44 0.48 0.00	26.97 0.28 0.00	27.50 0.17 0.00	31.66 0.41 0.00	30.40 0.33 0.00	34.27 0.34 -0.87	36.43 -0.28 0.00	43.41 -0.48 0.00	56.17 -0.57 0.00	44.34 -0.71 0.00	30.57 -0.66 0.00	28.54 -0.64 0.00	25.20 -0.32 0.00	27.52 -0.03 0.00
SAWYER___23_KV_LOAD 55526	36.02 0.05 0.00	31.68 -0.11 0.00	24.80 -0.25 0.00	20.88 -0.16 0.00	23.24 -0.01 0.00	28.78 0.43 0.00	29.12 0.09 0.00	31.68 0.14 0.00	28.46 0.02 0.00	28.17 0.30 0.00	25.44 0.48 0.00	26.97 0.28 0.00	27.50 0.17 0.00	31.66 0.41 0.00	30.40 0.33 0.00	34.27 0.34 -0.87	36.43 -0.28 0.00	43.41 -0.48 0.00	56.17 -0.57 0.00	44.34 -0.71 0.00	30.57 -0.66 0.00	28.54 -0.64 0.00	25.20 -0.32 0.00	27.52 -0.03 0.00
SELKIRK___I 23801	36.95 0.99 0.00	32.65 0.85 0.00	25.76 0.71 0.00	21.65 0.60 0.00	23.88 0.63 0.00	29.00 0.65 0.00	29.75 0.72 0.00	32.25 0.72 0.00	29.11 0.66 0.00	28.55 0.68 0.00	25.59 0.63 0.00	27.44 0.75 0.00	28.15 0.81 0.00	32.15 0.89 0.00	30.92 0.85 0.00	34.00 0.93 0.00	37.82 1.11 0.00	45.23 1.34 0.00	58.53 1.79 0.00	46.63 1.57 0.00	32.29 1.06 0.00	30.10 0.93 0.00	26.26 0.74 0.00	28.30 0.74 0.00
SELKIRK___II 23799	36.71 0.74 0.00	32.42 0.63 0.00	25.58 0.52 0.00	21.48 0.44 0.00	23.70 0.45 0.00	28.78 0.42 0.00	29.53 0.50 0.00	32.03 0.50 0.00	28.96 0.51 0.00	28.43 0.56 0.00	25.49 0.53 0.00	27.34 0.65 0.00	28.03 0.69 0.00	32.02 0.76 0.00	30.81 0.74 0.00	33.88 0.81 0.00	37.67 0.95 0.00	45.05 1.16 0.00	58.26 1.52 0.00	46.38 1.33 0.00	32.11 0.88 0.00	29.95 0.77 0.00	26.12 0.60 0.00	28.13 0.58 0.00
SENECA OSWGO___HYD 24041	35.38 -0.58 0.00	31.22 -0.58 0.00	24.56 -0.49 0.00	20.68 -0.37 0.00	22.89 -0.36 0.00	28.00 -0.35 0.00	28.65 -0.38 0.00	31.16 -0.37 0.00	28.08 -0.36 0.00	27.52 -0.35 0.00	24.63 -0.33 0.00	26.32 -0.38 0.00	26.96 -0.38 0.00	30.82 -0.44 0.00	29.58 -0.49 0.00	32.47 -0.60 0.00	36.00 -0.72 0.00	43.06 -0.83 0.00	55.72 -1.02 0.00	44.26 -0.79 0.00	30.70 -0.52 0.00	28.68 -0.50 0.00	25.11 -0.41 0.00	27.21 -0.34 0.00
SENECA___115KV_TB3 355854	36.36 0.40 0.00	31.97 0.18 0.00	25.02 -0.03 0.00	21.07 0.03 0.00	23.44 0.20 0.00	29.03 0.67 0.00	29.40 0.37 0.00	32.01 0.47 0.00	28.79 0.35 0.00	28.51 0.64 0.00	25.75 0.78 0.00	27.32 0.63 0.00	27.86 0.52 0.00	32.08 0.82 0.00	30.79 0.73 0.00	34.86 0.80 -0.99	36.99 0.28 0.00	44.08 0.19 0.00	57.02 0.29 0.00	44.98 -0.08 0.00	31.00 -0.23 0.00	28.94 -0.23 0.00	25.54 0.01 0.00	27.84 0.29 0.00
SENECA___ENERGY 23797	35.96 -0.01 0.00	31.65 -0.14 0.00	24.92 -0.13 0.00	20.96 -0.08 0.00	23.22 -0.02 0.00	28.50 0.15 0.00	29.14 0.11 0.00	31.78 0.25 0.00	28.61 0.16 0.00	28.07 0.20 0.00	25.26 0.29 0.00	26.96 0.27 0.00	27.56 0.22 0.00	31.50 0.24 0.00	30.33 0.26 0.00	33.15 0.08 0.00	36.75 0.04 0.00	43.99 0.10 0.00	57.03 0.29 0.00	45.23 0.17 0.00	31.29 0.06 0.00	29.20 0.03 0.00	25.54 0.02 0.00	27.63 0.08 0.00
SHOEMAKER___GT 23640	37.21 1.25 0.00	32.76 0.97 0.00	25.82 0.76 0.00	21.65 0.60 0.00	23.90 0.65 0.00	29.09 0.74 0.00	29.88 0.85 0.00	32.47 0.94 0.00	29.46 1.01 0.00	29.00 1.13 0.00	26.05 1.09 0.00	27.92 1.22 0.00	28.58 1.24 0.00	32.69 1.43 0.00	31.52 1.45 0.00	34.81 1.74 0.00	38.64 1.93 0.00	46.18 2.29 0.00	59.71 2.97 0.00	47.32 2.26 0.00	32.74 1.51 0.00	30.54 1.36 0.00	26.64 1.12 0.00	28.62 1.07 0.00
SHOEMAKR_138KV_BK 111 55601	37.17 1.20 0.00	32.72 0.93 0.00	25.81 0.76 0.00	21.63 0.59 0.00	23.87 0.62 0.00	29.05 0.70 0.00	29.84 0.81 0.00	32.43 0.89 0.00	29.43 0.98 0.00	28.99 1.12 0.00	26.05 1.08 0.00	27.93 1.23 0.00	28.58 1.24 0.00	32.69 1.43 0.00	31.52 1.46 0.00	34.81 1.74 0.00	38.64 1.93 0.00	46.18 2.28 0.00	59.69 2.95 0.00	47.27 2.22 0.00	32.71 1.48 0.00	30.50 1.33 0.00	26.61 1.09 0.00	28.59 1.04 0.00
SHOREHAM_IC_1 23715	45.82 3.19 -6.67	34.68 2.88 -0.01	151.44 2.45 -123.94	22.94 1.90 0.00	25.26 2.01 0.00	30.40 2.05 0.00	30.55 1.52 0.00	33.45 1.92 0.00	30.69 2.24 0.00	30.25 2.38 0.00	29.60 2.22 -2.41	29.15 2.38 -0.08	29.50 2.16 0.00	33.99 2.66 -0.07	35.00 2.83 -2.12	39.97 3.42 -3.49	60.79 3.93 -20.16	55.97 4.64 -7.43	82.48 6.07 -19.67	49.92 4.47 -0.40	47.80 3.13 -13.44	90.14 2.72 -58.25	27.52 2.00 0.00	29.56 2.01 0.00
SHOREHAM_IC_2 23716	45.82 3.19 -6.67	34.68 2.88 -0.01	151.44 2.45 -123.94	22.94 1.90 0.00	25.26 2.01 0.00	30.40 2.05 0.00	30.55 1.52 0.00	33.45 1.92 0.00	30.69 2.24 0.00	30.25 2.38 0.00	29.60 2.22 -2.41	29.15 2.38 -0.08	29.50 2.16 0.00	33.99 2.66 -0.07	35.00 2.83 -2.12	39.97 3.42 -3.49	60.79 3.93 -20.16	55.97 4.64 -7.43	82.48 6.07 -19.67	49.92 4.47 -0.40	47.80 3.13 -13.44	90.14 2.72 -58.25	27.52 2.00 0.00	29.56 2.01 0.00

SISSONVILLE____ 23735	35.78 -0.18 0.00	31.74 -0.05 0.00	25.03 -0.03 0.00	20.94 -0.11 0.00	22.90 -0.34 0.00	27.93 -0.42 0.00	28.57 -0.46 0.00	30.92 -0.60 0.00	19.72 -1.01 7.71	26.87 -1.00 0.00	24.03 -0.93 0.00	25.62 -1.08 0.00	26.28 -1.06 0.00	30.09 -1.17 0.00	28.89 -1.18 0.00	31.84 -1.23 0.00	35.34 -1.37 0.00	42.30 -1.59 0.00	54.81 -1.93 0.00	43.62 -1.43 0.00	30.34 -0.89 0.00	28.39 -0.78 0.00	25.00 -0.52 0.00	27.14 -0.41 0.00
SITHE_IND_GS1 24169	35.00 -0.97 0.00	30.89 -0.90 0.00	24.33 -0.72 0.00	20.45 -0.60 0.00	22.60 -0.65 0.00	27.62 -0.73 0.00	28.26 -0.77 0.00	30.73 -0.80 0.00	27.72 -0.73 0.00	27.15 -0.72 0.00	24.28 -0.68 0.00	25.94 -0.75 0.00	26.56 -0.78 0.00	30.36 -0.90 0.00	29.20 -0.87 0.00	32.05 -1.02 0.00	35.54 -1.17 0.00	42.51 -1.39 0.00	54.95 -1.79 0.00	43.62 -1.43 0.00	30.25 -0.98 0.00	28.24 -0.93 0.00	24.72 -0.80 0.00	26.83 -0.72 0.00
SITHE_IND_GS2 24170	35.00 -0.97 0.00	30.89 -0.90 0.00	24.33 -0.72 0.00	20.45 -0.60 0.00	22.60 -0.65 0.00	27.62 -0.73 0.00	28.26 -0.77 0.00	30.73 -0.80 0.00	27.72 -0.73 0.00	27.15 -0.72 0.00	24.28 -0.68 0.00	25.94 -0.75 0.00	26.56 -0.78 0.00	30.36 -0.90 0.00	29.20 -0.87 0.00	32.05 -1.02 0.00	35.54 -1.17 0.00	42.51 -1.39 0.00	54.95 -1.79 0.00	43.62 -1.43 0.00	30.25 -0.98 0.00	28.24 -0.93 0.00	24.72 -0.80 0.00	26.83 -0.72 0.00
SITHE_IND_GS3 24171	35.00 -0.97 0.00	30.89 -0.90 0.00	24.33 -0.72 0.00	20.45 -0.60 0.00	22.60 -0.65 0.00	27.62 -0.73 0.00	28.26 -0.77 0.00	30.73 -0.80 0.00	27.72 -0.73 0.00	27.15 -0.72 0.00	24.28 -0.68 0.00	25.94 -0.75 0.00	26.56 -0.78 0.00	30.36 -0.90 0.00	29.20 -0.87 0.00	32.05 -1.02 0.00	35.54 -1.17 0.00	42.51 -1.39 0.00	54.95 -1.79 0.00	43.62 -1.43 0.00	30.25 -0.98 0.00	28.24 -0.93 0.00	24.72 -0.80 0.00	26.83 -0.72 0.00
SITHE_IND_GS4 24172	35.00 -0.97 0.00	30.89 -0.90 0.00	24.33 -0.72 0.00	20.45 -0.60 0.00	22.60 -0.65 0.00	27.62 -0.73 0.00	28.26 -0.77 0.00	30.73 -0.80 0.00	27.72 -0.73 0.00	27.15 -0.72 0.00	24.28 -0.68 0.00	25.94 -0.75 0.00	26.56 -0.78 0.00	30.36 -0.90 0.00	29.20 -0.87 0.00	32.05 -1.02 0.00	35.54 -1.17 0.00	42.51 -1.39 0.00	54.95 -1.79 0.00	43.62 -1.43 0.00	30.25 -0.98 0.00	28.24 -0.93 0.00	24.72 -0.80 0.00	26.83 -0.72 0.00
SITHE____BATAVIA 24024	36.84 0.88 0.00	32.38 0.59 0.00	25.40 0.34 0.00	21.35 0.30 0.00	23.74 0.49 0.00	29.38 1.02 0.00	29.79 0.75 0.00	32.40 0.87 0.00	29.07 0.63 0.00	28.66 0.79 0.00	25.91 0.95 0.00	27.47 0.78 0.00	28.05 0.71 0.00	32.27 1.02 0.00	30.98 0.91 0.00	47.10 2.23 -11.81	37.27 0.55 0.00	44.42 0.53 0.00	57.65 0.91 0.00	45.75 0.70 0.00	31.58 0.35 0.00	29.43 0.25 0.00	25.89 0.37 0.00	28.20 0.65 0.00
SITHE____INDEPEND 23800	34.99 -0.97 0.00	30.89 -0.90 0.00	24.33 -0.73 0.00	20.45 -0.60 0.00	22.60 -0.65 0.00	27.62 -0.73 0.00	28.26 -0.77 0.00	30.73 -0.80 0.00	27.72 -0.73 0.00	27.15 -0.72 0.00	24.28 -0.68 0.00	25.94 -0.75 0.00	26.56 -0.78 0.00	30.37 -0.89 0.00	29.20 -0.87 0.00	32.05 -1.02 0.00	35.54 -1.17 0.00	42.50 -1.38 0.00	54.95 -1.79 0.00	43.63 -1.43 0.00	30.25 -0.98 0.00	28.24 -0.93 0.00	24.73 -0.79 0.00	26.83 -0.72 0.00
SITHE____MASSENA 23902	35.89 -0.07 0.00	31.84 0.05 0.00	25.12 0.06 0.00	21.10 0.05 0.00	23.26 0.01 0.00	28.35 0.00 0.00	28.97 -0.07 0.00	31.38 -0.15 0.00	26.50 -0.52 1.43	27.48 -0.39 0.00	24.60 -0.36 0.00	26.25 -0.44 0.00	26.91 -0.43 0.00	30.78 -0.48 0.00	29.58 -0.49 0.00	32.57 -0.50 0.00	36.19 -0.52 0.00	43.26 -0.63 0.00	55.93 -0.81 0.00	44.43 -0.62 0.00	30.86 -0.37 0.00	28.91 -0.27 0.00	25.38 -0.15 0.00	27.37 -0.17 0.00
SITHE____OGDNSBRG 24021	36.25 0.29 0.00	32.16 0.37 0.00	25.39 0.33 0.00	21.32 0.28 0.00	23.44 0.19 0.00	28.61 0.26 0.00	29.26 0.23 0.00	31.62 0.09 0.00	22.73 -0.44 5.27	27.55 -0.32 0.00	24.66 -0.30 0.00	26.31 -0.39 0.00	26.96 -0.38 0.00	30.88 -0.37 0.00	29.70 -0.36 0.00	32.70 -0.37 0.00	36.30 -0.41 0.00	43.39 -0.50 0.00	56.18 -0.56 0.00	44.70 -0.36 0.00	31.12 -0.11 0.00	29.15 -0.03 0.00	25.60 0.08 0.00	27.62 0.08 0.00
SITHE____STERLING 23777	36.77 0.81 0.00	32.42 0.63 0.00	25.60 0.55 0.00	21.49 0.44 0.00	23.70 0.45 0.00	29.00 0.65 0.00	29.71 0.68 0.00	32.28 0.75 0.00	29.06 0.62 0.00	28.45 0.58 0.00	25.52 0.56 0.00	27.33 0.64 0.00	28.03 0.69 0.00	32.09 0.83 0.00	30.82 0.76 0.00	33.82 0.75 0.00	37.44 0.73 0.00	44.89 1.00 0.00	58.11 1.37 0.00	46.23 1.18 0.00	32.11 0.88 0.00	29.93 0.75 0.00	26.12 0.60 0.00	28.19 0.64 0.00
SLEIGHT__34_KV_TB1 80719	36.57 0.60 0.00	32.15 0.36 0.00	25.30 0.24 0.00	21.29 0.25 0.00	23.61 0.36 0.00	28.93 0.58 0.00	29.62 0.59 0.00	32.33 0.80 0.00	29.11 0.66 0.00	28.62 0.74 0.00	25.78 0.82 0.00	27.58 0.89 0.00	28.15 0.81 0.00	32.19 0.94 0.00	31.01 0.94 0.00	33.83 0.76 0.00	37.60 0.89 0.00	44.99 1.10 0.00	58.37 1.63 0.00	46.21 1.16 0.00	31.98 0.75 0.00	29.76 0.58 0.00	25.96 0.44 0.00	28.14 0.59 0.00
SOUTH CAIRO____GT 23612	37.97 2.01 0.00	33.53 1.73 0.00	26.36 1.30 0.00	22.15 1.11 0.00	24.48 1.23 0.00	29.75 1.39 0.00	30.57 1.54 0.00	33.14 1.61 0.00	29.77 1.33 0.00	29.00 1.13 0.00	25.87 0.91 0.00	27.74 1.04 0.00	28.48 1.15 0.00	32.54 1.28 0.00	31.36 1.30 0.00	34.49 1.42 0.00	38.56 1.85 0.00	46.23 2.34 0.00	60.05 3.31 0.00	48.14 3.08 0.00	33.45 2.22 0.00	31.14 1.96 0.00	27.07 1.55 0.00	29.06 1.51 0.00
SOUTH HAMPTN____IC 23720	46.53 3.91 -6.67	35.24 3.44 -0.01	156.83 2.83 -128.95	23.26 2.21 0.00	25.64 2.39 0.00	30.91 2.56 0.00	31.15 2.11 0.00	34.11 2.58 0.00	31.33 2.88 0.00	30.93 3.06 0.00	30.24 2.87 -2.41	29.86 3.09 -0.08	30.27 2.93 0.00	34.87 3.54 -0.07	35.87 3.69 -2.12	40.96 4.41 -3.49	61.86 4.99 -20.16	57.22 5.90 -7.43	84.09 7.68 -19.67	51.13 5.68 -0.40	48.61 3.94 -13.44	90.85 3.42 -58.25	28.11 2.59 0.00	30.13 2.58 0.00
SOUTHDOW_115KV_TB1 355954	37.08 1.12 0.00	32.54 0.75 0.00	25.37 0.32 0.00	21.34 0.30 0.00	23.82 0.57 0.00	29.52 1.17 0.00	30.07 1.03 0.00	32.89 1.36 0.00	29.55 1.10 0.00	29.39 1.52 0.00	26.53 1.56 0.00	28.15 1.45 0.00	28.68 1.34 0.00	33.05 1.79 0.00	31.69 1.62 0.00	35.70 1.79 -0.85	38.20 1.48 0.00	45.53 1.64 0.00	58.75 2.01 0.00	46.23 1.17 0.00	31.84 0.62 0.00	29.76 0.59 0.00	26.53 1.01 0.00	28.88 1.33 0.00
SOUTHOLD_69_KV_BK 2 55809	47.40 4.77 -6.66	35.97 4.17 -0.01	157.24 3.41 -128.77	23.68 2.64 0.00	26.19 2.94 0.00	31.53 3.19 0.00	31.80 2.77 0.00	34.86 3.33 0.00	32.05 3.60 0.00	31.69 3.82 0.00	30.91 3.54 -2.41	30.59 3.82 -0.07	31.03 3.69 0.00	35.78 4.44 -0.07	36.76 4.58 -2.11	41.96 5.41 -3.48	62.93 6.07 -20.16	58.52 7.20 -7.43	85.77 9.37 -19.66	52.44 6.99 -0.39	49.54 4.87 -13.44	91.67 4.25 -58.25	28.76 3.24 0.00	30.78 3.23 0.00

SOUTHOLD___IC 23719	47.40 4.77 -6.67	35.97 4.17 -0.01	157.17 3.34 -128.77	23.68 2.64 0.00	26.17 2.93 0.00	31.54 3.19 0.00	31.80 2.77 0.00	34.86 3.33 0.00	32.05 3.60 0.00	31.69 3.82 0.00	30.92 3.54 -2.41	30.59 3.82 -0.08	31.03 3.69 0.00	35.78 4.44 -0.07	36.76 4.58 -2.12	41.96 5.41 -3.49	62.93 6.07 -20.16	58.53 7.20 -7.43	85.78 9.37 -19.67	52.45 6.99 -0.40	49.54 4.87 -13.44	91.67 4.25 -58.25	28.76 3.24 0.00	30.77 3.22 0.00
SPIERFLS_115KV_TB 1 80737	37.36 1.40 0.00	32.96 1.17 0.00	25.86 0.81 0.00	21.67 0.63 0.00	23.97 0.73 0.00	29.12 0.77 0.00	29.95 0.92 0.00	32.53 1.00 0.00	29.38 0.94 0.00	28.77 0.90 0.00	25.53 0.57 0.00	27.41 0.72 0.00	28.20 0.86 0.00	32.10 0.85 0.00	30.76 0.70 0.00	33.94 0.88 0.00	37.79 1.08 0.00	45.42 1.53 0.00	59.03 2.29 0.00	47.32 2.27 0.00	32.84 1.61 0.00	30.69 1.51 0.00	26.74 1.22 0.00	28.76 1.20 0.00
ST LAWRENCE____ 23600	35.60 -0.36 0.00	31.60 -0.19 0.00	24.92 -0.14 0.00	20.94 -0.10 0.00	23.12 -0.13 0.00	28.17 -0.18 0.00	28.79 -0.25 0.00	31.21 -0.32 0.00	28.01 -0.43 0.00	27.39 -0.48 0.00	24.48 -0.48 0.00	26.13 -0.57 0.00	26.78 -0.56 0.00	30.63 -0.63 0.00	29.43 -0.64 0.00	32.40 -0.66 0.00	36.04 -0.68 0.00	43.05 -0.84 0.00	55.65 -1.08 0.00	44.20 -0.85 0.00	30.68 -0.54 0.00	28.77 -0.41 0.00	25.23 -0.29 0.00	27.18 -0.37 0.00
STATE_CA_115KV_115_LB 55624	36.73 0.77 0.00	32.45 0.66 0.00	25.61 0.56 0.00	21.51 0.47 0.00	23.72 0.47 0.00	28.79 0.43 0.00	29.54 0.51 0.00	32.05 0.52 0.00	28.99 0.55 0.00	28.45 0.59 0.00	25.52 0.56 0.00	27.39 0.70 0.00	28.09 0.75 0.00	32.09 0.83 0.00	30.87 0.80 0.00	33.93 0.86 0.00	37.72 1.01 0.00	45.14 1.25 0.00	58.36 1.62 0.00	46.48 1.42 0.00	32.16 0.93 0.00	29.97 0.79 0.00	26.13 0.61 0.00	28.13 0.58 0.00
STATE_ST_34_KV_LOAD 55959	36.34 0.38 0.00	32.09 0.30 0.00	25.15 0.10 0.00	21.20 0.16 0.00	23.56 0.31 0.00	28.80 0.45 0.00	29.40 0.37 0.00	32.12 0.58 0.00	28.86 0.42 0.00	28.29 0.41 0.00	25.42 0.45 0.00	27.17 0.48 0.00	27.66 0.32 0.00	31.66 0.40 0.00	30.57 0.50 0.00	33.62 0.56 0.00	37.26 0.55 0.00	44.59 0.70 0.00	57.86 1.12 0.00	45.90 0.84 0.00	31.81 0.59 0.00	29.64 0.47 0.00	25.84 0.31 0.00	27.99 0.44 0.00
STATION 5_MISC_HYD 23604	36.26 0.30 0.00	31.91 0.12 0.00	25.02 -0.03 0.00	21.02 -0.02 0.00	23.36 0.11 0.00	28.80 0.45 0.00	29.32 0.28 0.00	31.88 0.35 0.00	28.71 0.26 0.00	28.31 0.44 0.00	25.47 0.51 0.00	27.09 0.40 0.00	27.69 0.35 0.00	31.77 0.51 0.00	30.55 0.48 0.00	32.76 0.24 0.55	36.91 0.20 0.00	44.14 0.25 0.00	57.18 0.44 0.00	45.25 0.20 0.00	31.23 0.01 0.00	29.11 -0.07 0.00	25.56 0.04 0.00	27.76 0.21 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.25 0.29 0.00	31.90 0.11 0.00	25.07 0.01 0.00	21.08 0.03 0.00	23.37 0.13 0.00	28.75 0.40 0.00	29.35 0.31 0.00	31.98 0.45 0.00	28.82 0.37 0.00	28.36 0.49 0.00	25.50 0.54 0.00	27.20 0.51 0.00	27.82 0.48 0.00	31.84 0.58 0.00	30.63 0.56 0.00	33.28 0.21 0.00	37.06 0.34 0.00	44.34 0.45 0.00	57.49 0.75 0.00	45.55 0.49 0.00	31.44 0.21 0.00	29.31 0.13 0.00	25.68 0.16 0.00	27.83 0.28 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.02 0.05 0.00	31.70 -0.09 0.00	24.85 -0.21 0.00	20.90 -0.15 0.00	23.20 -0.05 0.00	28.58 0.23 0.00	29.11 0.08 0.00	31.70 0.17 0.00	28.55 0.11 0.00	28.15 0.28 0.00	25.32 0.36 0.00	26.94 0.25 0.00	27.56 0.22 0.00	31.61 0.35 0.00	30.40 0.33 0.00	32.58 0.01 0.50	36.72 0.01 0.00	43.94 0.05 0.00	56.91 0.17 0.00	45.04 -0.02 0.00	31.08 -0.14 0.00	28.96 -0.21 0.00	25.41 -0.11 0.00	27.59 0.04 0.00
STA_56___34_KV_BUS2 355983	36.02 0.05 0.00	31.70 -0.09 0.00	24.85 -0.21 0.00	20.90 -0.15 0.00	23.20 -0.05 0.00	28.58 0.23 0.00	29.11 0.08 0.00	31.70 0.17 0.00	28.55 0.11 0.00	28.15 0.28 0.00	25.32 0.36 0.00	26.94 0.25 0.00	27.56 0.22 0.00	31.61 0.35 0.00	30.40 0.33 0.00	32.58 0.01 0.50	36.72 0.01 0.00	43.94 0.05 0.00	56.91 0.17 0.00	45.04 -0.02 0.00	31.08 -0.14 0.00	28.96 -0.21 0.00	25.41 -0.11 0.00	27.59 0.04 0.00
STA_67___115KV_BK2 355882	36.17 0.21 0.00	31.84 0.05 0.00	24.95 -0.11 0.00	20.98 -0.06 0.00	23.31 0.07 0.00	28.73 0.38 0.00	29.25 0.22 0.00	31.81 0.28 0.00	28.64 0.19 0.00	28.24 0.37 0.00	25.41 0.44 0.00	27.02 0.33 0.00	27.62 0.28 0.00	31.70 0.44 0.00	30.47 0.40 0.00	32.71 0.18 0.54	36.80 0.09 0.00	44.01 0.12 0.00	57.01 0.26 0.00	45.12 0.06 0.00	31.15 -0.08 0.00	29.03 -0.15 0.00	25.50 -0.03 0.00	27.69 0.15 0.00
STA_7___115KV_9TRANS 80674	36.45 0.49 0.00	32.07 0.27 0.00	25.11 0.06 0.00	21.11 0.07 0.00	23.46 0.21 0.00	28.92 0.57 0.00	29.45 0.42 0.00	32.04 0.51 0.00	28.85 0.40 0.00	28.47 0.60 0.00	25.60 0.64 0.00	27.22 0.53 0.00	27.83 0.49 0.00	31.94 0.68 0.00	30.72 0.65 0.00	32.90 0.38 0.55	37.13 0.42 0.00	44.43 0.54 0.00	57.58 0.84 0.00	45.57 0.51 0.00	31.44 0.22 0.00	29.30 0.12 0.00	25.71 0.19 0.00	27.91 0.36 0.00
STA_82___115KV_TB1 80780	36.20 0.24 0.00	31.86 0.06 0.00	24.96 -0.09 0.00	21.00 -0.04 0.00	23.33 0.08 0.00	28.75 0.40 0.00	29.27 0.24 0.00	31.84 0.31 0.00	28.66 0.21 0.00	28.26 0.39 0.00	25.43 0.46 0.00	27.04 0.35 0.00	27.64 0.30 0.00	31.71 0.45 0.00	30.49 0.42 0.00	32.66 0.21 0.61	36.83 0.12 0.00	44.04 0.15 0.00	57.05 0.31 0.00	45.16 0.10 0.00	31.18 -0.05 0.00	29.06 -0.12 0.00	25.51 -0.01 0.00	27.72 0.17 0.00
STEEL___WIND 323596	36.32 0.35 0.00	31.94 0.14 0.00	25.05 -0.01 0.00	21.06 0.02 0.00	23.43 0.18 0.00	29.00 0.65 0.00	29.38 0.35 0.00	31.99 0.46 0.00	28.75 0.30 0.00	28.47 0.60 0.00	25.72 0.75 0.00	27.28 0.59 0.00	27.82 0.48 0.00	32.02 0.76 0.00	30.74 0.68 0.00	34.82 0.75 -0.99	36.94 0.22 0.00	44.00 0.11 0.00	56.93 0.19 0.00	44.91 -0.14 0.00	30.96 -0.27 0.00	28.90 -0.27 0.00	25.50 -0.02 0.00	27.81 0.26 0.00
STEPHTWN_115KV_BK_2 55603	36.83 0.87 0.00	32.55 0.76 0.00	25.62 0.57 0.00	21.53 0.48 0.00	23.72 0.48 0.00	28.84 0.49 0.00	29.67 0.64 0.00	32.20 0.66 0.00	29.09 0.64 0.00	28.54 0.67 0.00	25.56 0.59 0.00	27.44 0.74 0.00	28.15 0.81 0.00	32.20 0.94 0.00	30.95 0.88 0.00	34.06 1.00 0.00	37.96 1.25 0.00	45.37 1.48 0.00	58.72 1.98 0.00	46.71 1.65 0.00	32.29 1.06 0.00	30.13 0.95 0.00	26.23 0.71 0.00	28.22 0.67 0.00
STEUBEN_REC_LFGE 323667	36.96 1.00 0.00	32.41 0.62 0.00	25.47 0.41 0.00	21.41 0.36 0.00	23.78 0.54 0.00	29.39 1.04 0.00	30.00 0.97 0.00	32.96 1.43 0.00	29.64 1.19 0.00	29.14 1.27 0.00	26.22 1.26 0.00	27.98 1.29 0.00	28.74 1.40 0.00	32.83 1.56 0.00	31.44 1.38 0.00	34.27 1.20 0.00	37.78 1.07 0.00	45.10 1.21 0.00	58.50 1.76 0.00	46.30 1.24 0.00	32.00 0.77 0.00	29.90 0.72 0.00	26.26 0.74 0.00	28.41 0.86 0.00

STONY___BROOK 24151	45.90 3.27 -6.67	34.61 2.81 -0.01	134.65 2.25 -107.34	22.80 1.76 0.00	25.12 1.87 0.00	30.41 2.06 0.00	30.90 1.86 0.00	33.75 2.22 0.00	30.94 2.49 0.00	30.51 2.64 0.00	29.85 2.48 -2.41	29.46 2.69 -0.08	29.91 2.57 0.00	34.31 2.98 -0.07	35.34 3.16 -2.12	40.46 3.91 -3.49	61.23 4.36 -20.16	56.30 4.97 -7.43	82.85 6.45 -19.67	50.24 4.79 -0.40	48.01 3.34 -13.44	90.42 2.99 -58.25	27.87 2.35 0.00	29.78 2.23 0.00
STURGEON_POOL_HYD 23609	37.42 1.46 0.00	32.90 1.11 0.00	26.01 0.96 0.00	21.79 0.74 0.00	23.97 0.72 0.00	29.17 0.82 0.00	29.99 0.96 0.00	32.63 1.10 0.00	29.72 1.27 0.00	29.32 1.45 0.00	26.43 1.47 0.00	28.37 1.68 0.00	29.00 1.66 0.00	33.18 1.92 0.00	32.05 1.98 0.00	35.38 2.31 0.00	39.20 2.49 0.00	46.86 2.96 0.00	60.50 3.76 0.00	47.84 2.79 0.00	33.05 1.82 0.00	30.82 1.65 0.00	26.87 1.35 0.00	28.83 1.28 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	37.20 1.24 0.00	32.73 0.94 0.00	25.87 0.82 0.00	21.68 0.64 0.00	23.88 0.64 0.00	29.04 0.69 0.00	29.84 0.81 0.00	32.44 0.91 0.00	29.49 1.05 0.00	29.08 1.21 0.00	26.19 1.23 0.00	28.12 1.43 0.00	28.76 1.43 0.00	32.91 1.65 0.00	31.75 1.69 0.00	35.04 1.98 0.00	38.90 2.19 0.00	46.46 2.57 0.00	60.01 3.27 0.00	47.48 2.43 0.00	32.82 1.60 0.00	30.60 1.42 0.00	26.68 1.16 0.00	28.66 1.11 0.00
SWANROAD_115KV_TB1 355699	35.41 -0.55 0.00	31.15 -0.64 0.00	24.42 -0.64 0.00	20.56 -0.48 0.00	22.88 -0.37 0.00	28.33 -0.02 0.00	28.61 -0.42 0.00	31.08 -0.45 0.00	27.92 -0.52 0.00	27.58 -0.29 0.00	24.95 -0.02 0.00	26.40 -0.29 0.00	26.92 -0.42 0.00	30.97 -0.28 0.00	29.73 -0.33 0.00	34.41 -0.22 -1.56	35.60 -0.00 0.00	42.36 -1.53 0.00	54.84 -1.90 0.00	43.36 -1.70 0.00	29.91 -1.32 0.00	27.92 -1.26 0.00	24.70 -0.82 0.00	27.03 -0.52 0.00
SYNERGY___BIOGAS 323694	36.84 0.88 0.00	32.38 0.59 0.00	25.40 0.34 0.00	21.35 0.30 0.00	23.74 0.49 0.00	29.38 1.02 0.00	29.79 0.75 0.00	32.40 0.87 0.00	29.07 0.63 0.00	28.66 0.79 0.00	25.91 0.95 0.00	27.47 0.78 0.00	28.05 0.71 0.00	32.27 1.02 0.00	30.98 0.91 -11.81	47.10 2.23 0.00	37.27 0.55 0.00	44.42 0.53 0.00	57.65 0.91 0.00	45.75 0.70 0.00	31.58 0.35 0.00	29.43 0.25 0.00	25.89 0.37 0.00	28.20 0.65 0.00
SYRACUSE___ENERGY_ST1 323597	35.87 -0.09 0.00	31.63 -0.17 0.00	24.91 -0.15 0.00	20.96 -0.08 0.00	23.16 -0.09 0.00	28.32 -0.03 0.00	28.99 -0.04 0.00	31.56 0.03 0.00	28.45 0.01 0.00	27.91 0.03 0.00	25.02 0.06 0.00	26.75 0.06 0.00	27.38 0.04 0.00	31.30 0.04 0.00	30.09 0.03 0.00	33.01 -0.06 0.00	36.59 -0.12 0.00	43.78 -0.11 0.00	56.66 -0.08 0.00	44.96 -0.09 0.00	31.15 -0.07 0.00	29.08 -0.10 0.00	25.44 -0.08 0.00	27.55 0.00 0.00
SYRACUSE___ENERGY_ST2 323598	35.87 -0.09 0.00	31.63 -0.17 0.00	24.91 -0.15 0.00	20.96 -0.08 0.00	23.16 -0.09 0.00	28.32 -0.03 0.00	28.99 -0.04 0.00	31.56 0.03 0.00	28.45 0.01 0.00	27.91 0.03 0.00	25.02 0.06 0.00	26.75 0.06 0.00	27.38 0.04 0.00	31.30 0.04 0.00	30.09 0.03 0.00	33.01 -0.06 0.00	36.59 -0.12 0.00	43.78 -0.11 0.00	56.66 -0.08 0.00	44.96 -0.09 0.00	31.15 -0.07 0.00	29.08 -0.10 0.00	25.44 -0.08 0.00	27.55 0.00 0.00
SYRACUSE___POWER 24017	35.91 -0.06 0.00	31.64 -0.15 0.00	24.91 -0.14 0.00	20.94 -0.11 0.00	23.15 -0.09 0.00	28.34 -0.02 0.00	29.00 -0.03 0.00	31.56 0.03 0.00	28.47 0.02 0.00	27.93 0.06 0.00	25.02 0.06 0.00	26.75 0.06 0.00	27.38 0.04 0.00	31.30 0.04 0.00	30.06 -0.01 0.00	32.98 -0.08 0.00	36.58 -0.14 0.00	43.76 -0.13 0.00	56.62 -0.12 0.00	44.93 -0.12 0.00	31.13 -0.10 0.00	29.08 -0.10 0.00	25.45 -0.07 0.00	27.55 0.00 0.00
TALLMAN__138KV_BK151 55660	37.38 1.41 0.00	32.86 1.07 0.00	25.96 0.91 0.00	21.75 0.71 0.00	23.97 0.72 0.00	29.15 0.80 0.00	29.97 0.94 0.00	32.59 1.06 0.00	29.66 1.21 0.00	29.28 1.41 0.00	26.40 1.43 0.00	28.34 1.65 0.00	28.98 1.64 0.00	33.15 1.89 0.00	32.00 1.93 0.00	35.38 2.31 0.00	39.27 2.55 0.00	46.88 2.99 0.00	60.52 3.78 0.00	47.83 2.77 0.00	33.05 1.82 0.00	30.79 1.61 0.00	26.84 1.32 0.00	28.82 1.27 0.00
TEALLAVE_115KV_TB7 355573	35.73 -0.23 0.00	31.51 -0.28 0.00	24.79 -0.26 0.00	20.84 -0.21 0.00	23.04 -0.20 0.00	28.20 -0.15 0.00	28.85 -0.18 0.00	31.40 -0.13 0.00	28.34 -0.11 0.00	27.82 -0.05 0.00	24.92 -0.05 0.00	26.62 -0.08 0.00	27.24 -0.10 0.00	31.13 -0.13 0.00	29.89 -0.18 0.00	32.81 -0.25 0.00	36.38 -0.33 0.00	43.51 -0.38 0.00	56.28 -0.46 0.00	44.64 -0.42 0.00	30.93 -0.29 0.00	28.91 -0.27 0.00	25.32 -0.20 0.00	27.41 -0.14 0.00
TELGRAPH_34_KV_EAST 80808	36.20 0.24 0.00	31.82 0.03 0.00	24.94 -0.11 0.00	21.00 -0.04 0.00	23.34 0.10 0.00	28.90 0.55 0.00	29.23 0.20 0.00	31.80 0.27 0.00	28.58 0.13 0.00	28.23 0.36 0.00	25.53 0.57 0.00	27.05 0.36 0.00	27.59 0.25 0.00	31.79 0.53 0.00	30.51 0.44 -1.54	36.06 1.45 0.00	36.62 -0.09 0.00	43.58 -0.31 0.00	56.45 -0.29 0.00	44.65 -0.41 0.00	30.80 -0.42 0.00	28.72 -0.46 0.00	25.34 -0.18 0.00	27.66 0.11 0.00
TEMPLE___115KV_TB 2 55572	35.76 -0.21 0.00	31.52 -0.27 0.00	24.81 -0.24 0.00	20.84 -0.20 0.00	23.06 -0.19 0.00	28.22 -0.13 0.00	28.88 -0.15 0.00	31.42 -0.11 0.00	28.36 -0.09 0.00	27.83 -0.04 0.00	24.94 -0.03 0.00	26.64 -0.05 0.00	27.27 -0.07 0.00	31.16 -0.10 0.00	29.92 -0.15 0.00	32.84 -0.23 0.00	36.41 -0.30 0.00	43.54 -0.34 0.00	56.33 -0.42 0.00	44.68 -0.38 0.00	30.94 -0.28 0.00	28.92 -0.26 0.00	25.33 -0.19 0.00	27.43 -0.12 0.00
TIANA____69_KV_BK 1 55817	46.33 3.70 -6.66	35.07 3.28 -0.01	156.61 2.75 -128.81	23.16 2.12 0.00	25.52 2.27 0.00	30.75 2.40 0.00	31.00 1.97 0.00	33.94 2.41 0.00	31.16 2.71 0.00	30.74 2.87 0.00	30.07 2.70 -2.41	29.68 2.92 -0.07	30.08 2.74 0.00	34.65 3.32 -0.07	35.65 3.48 -2.11	40.71 4.16 -3.48	61.58 4.72 -20.16	56.90 5.58 -7.43	83.69 7.28 -19.66	50.84 5.39 -0.39	48.41 3.74 -13.44	90.67 3.24 -58.25	27.96 2.44 0.00	29.99 2.44 0.00
TILDEN___115KV_TB1 80814	35.91 -0.06 0.00	31.64 -0.15 0.00	24.91 -0.14 0.00	20.94 -0.11 0.00	23.15 -0.09 0.00	28.34 -0.02 0.00	29.00 -0.03 0.00	31.56 0.03 0.00	28.47 0.02 0.00	27.93 0.06 0.00	25.02 0.06 0.00	26.75 0.06 0.00	27.38 0.04 0.00	31.30 0.04 0.00	30.06 -0.01 0.00	32.98 -0.08 0.00	36.58 -0.14 0.00	43.76 -0.13 0.00	56.62 -0.12 0.00	44.93 -0.12 0.00	31.13 -0.10 0.00	29.08 -0.10 0.00	25.45 -0.07 0.00	27.55 0.00 0.00
TRIGEN___CC 323695	44.89 2.26 -6.66	33.64 1.85 0.00	29.01 1.52 -2.44	22.22 1.18 0.00	24.45 1.20 0.00	29.69 1.34 0.00	30.39 1.35 0.00	33.10 1.57 0.00	30.24 1.79 0.00	29.82 1.95 0.00	29.35 1.99 -2.41	28.97 2.21 -0.07	29.49 2.15 0.00	33.72 2.38 -0.07	34.68 2.50 -2.11	39.49 2.94 -3.48	60.12 3.27 -20.14	55.15 3.83 -7.43	81.25 4.85 -19.66	49.08 3.64 -0.39	47.15 2.48 -13.44	89.63 2.21 -58.25	27.35 1.83 0.00	29.27 1.73 0.00

TRINITY__115KV__4 BK 55933	36.60 0.64 0.00	32.34 0.55 0.00	25.52 0.47 0.00	21.44 0.40 0.00	23.65 0.40 0.00	28.68 0.33 0.00	29.44 0.41 0.00	31.92 0.39 0.00	28.86 0.42 0.00	28.34 0.47 0.00	25.39 0.43 0.00	27.24 0.55 0.00	27.95 0.61 0.00	31.91 0.65 0.00	30.69 0.63 0.00	33.74 0.67 0.00	37.51 0.80 0.00	44.89 1.00 0.00	58.05 1.31 0.00	46.25 1.19 0.00	32.01 0.78 0.00	29.85 0.67 0.00	26.02 0.50 0.00	28.02 0.47 0.00
UNION__PROCESSING_DRP 323587	36.21 0.24 0.00	31.87 0.08 0.00	24.98 -0.08 0.00	21.00 -0.04 0.00	23.33 0.09 0.00	28.77 0.42 0.00	29.29 0.25 0.00	31.85 0.32 0.00	28.67 0.23 0.00	28.27 0.41 0.00	25.44 0.47 0.00	27.04 0.35 0.00	27.65 0.31 0.00	31.72 0.47 0.00	30.50 0.43 0.00	32.64 0.22 0.65	36.85 0.14 0.00	44.07 0.18 0.00	57.08 0.34 0.00	45.19 0.13 0.00	31.19 -0.03 0.00	29.07 -0.10 0.00	25.52 0.00 0.00	27.73 0.18 0.00
UPPER HUDSON__HYD 24058	37.36 1.40 0.00	32.96 1.17 0.00	25.85 0.79 0.00	21.67 0.63 0.00	23.97 0.72 0.00	29.12 0.77 0.00	29.95 0.92 0.00	32.53 1.00 0.00	29.38 0.94 0.00	28.77 0.90 0.00	25.53 0.57 0.00	27.41 0.72 0.00	28.20 0.86 0.00	32.11 0.85 0.00	30.76 0.70 0.00	33.94 0.87 0.00	37.79 1.08 0.00	45.42 1.53 0.00	59.03 2.29 0.00	47.33 2.27 0.00	32.84 1.61 0.00	30.68 1.51 0.00	26.74 1.22 0.00	28.75 1.20 0.00
UPPER RAQUET__HYD 24056	35.78 -0.18 0.00	31.74 -0.05 0.00	25.03 -0.02 0.00	20.94 -0.11 0.00	22.91 -0.34 0.00	27.92 -0.43 0.00	28.57 -0.46 0.00	30.92 -0.61 0.00	19.72 -1.01 7.71	26.87 -1.00 0.00	24.03 -0.93 0.00	25.62 -1.08 0.00	26.28 -1.06 0.00	30.09 -1.17 0.00	28.89 -1.18 0.00	31.84 -1.23 0.00	35.34 -1.37 0.00	42.30 -1.59 0.00	54.81 -1.93 0.00	43.62 -1.44 0.00	30.34 -0.89 0.00	28.39 -0.78 0.00	25.00 -0.52 0.00	27.14 -0.41 0.00
VALLEY44_115KV_TB2 355964	36.30 0.34 0.00	31.87 0.08 0.00	24.93 -0.12 0.00	20.99 -0.05 0.00	23.39 0.14 0.00	28.94 0.59 0.00	29.43 0.39 0.00	32.11 0.58 0.00	28.85 0.40 0.00	28.64 0.77 0.00	25.72 0.76 0.00	27.22 0.52 0.00	27.75 0.42 0.00	31.91 0.65 0.00	30.66 0.59 0.00	34.56 0.70 -0.79	37.15 0.44 0.00	44.32 0.42 0.00	57.19 0.44 0.00	44.93 -0.12 0.00	31.01 -0.22 0.00	28.99 -0.19 0.00	25.62 0.10 0.00	27.90 0.35 0.00
VALLEY__115KV_TB 1-4 80826	35.99 0.03 0.00	31.72 -0.07 0.00	25.08 0.03 0.00	21.06 0.02 0.00	23.16 -0.09 0.00	28.21 -0.14 0.00	28.92 -0.11 0.00	31.38 -0.15 0.00	28.30 -0.14 0.00	27.71 -0.16 0.00	24.93 -0.03 0.00	26.85 0.15 0.00	27.44 0.10 0.00	31.35 0.09 0.00	30.14 0.07 0.00	32.94 -0.13 0.00	36.67 -0.04 0.00	43.97 0.08 0.00	56.92 0.18 0.00	45.45 0.39 0.00	31.55 0.33 0.00	29.40 0.22 0.00	25.60 0.07 0.00	27.56 0.01 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	37.20 1.23 0.00	32.78 0.99 0.00	25.75 0.70 0.00	21.60 0.55 0.00	23.95 0.70 0.00	29.25 0.90 0.00	30.01 0.98 0.00	32.61 1.08 0.00	29.49 1.05 0.00	29.00 1.13 0.00	25.95 0.99 0.00	27.77 1.08 0.00	28.41 1.07 0.00	32.51 1.25 0.00	31.28 1.22 0.00	34.54 1.47 0.00	38.33 1.62 0.00	45.82 1.93 0.00	59.29 2.55 0.00	47.05 2.00 0.00	32.57 1.35 0.00	30.39 1.21 0.00	26.53 1.01 0.00	28.55 1.00 0.00
VISCHER__FERRY HYD 24020	37.26 1.30 0.00	32.96 1.17 0.00	26.00 0.95 0.00	21.83 0.78 0.00	24.07 0.82 0.00	29.22 0.87 0.00	29.96 0.93 0.00	32.47 0.94 0.00	29.31 0.86 0.00	28.73 0.86 0.00	25.70 0.73 0.00	27.58 0.89 0.00	28.31 0.97 0.00	32.31 1.06 0.00	31.03 0.96 0.00	34.06 0.99 0.00	37.88 1.17 0.00	45.40 1.51 0.00	58.78 2.04 0.00	46.93 1.87 0.00	32.50 1.27 0.00	30.31 1.13 0.00	26.43 0.91 0.00	28.50 0.95 0.00
V_A_10_SYNC_DSASP 323832	35.73 -0.24 0.00	31.44 -0.35 0.00	24.64 -0.42 0.00	20.74 -0.30 0.00	23.07 -0.18 0.00	28.50 0.15 0.00	28.92 -0.11 0.00	31.43 -0.10 0.00	28.26 -0.19 0.00	27.92 0.05 0.00	25.18 0.21 0.00	26.70 0.01 0.00	27.25 -0.08 0.00	31.33 0.07 0.00	30.08 0.02 0.00	33.35 -0.07 -0.36	36.14 -0.57 0.00	43.12 -0.77 0.00	55.81 -0.93 0.00	44.10 -0.96 0.00	30.42 -0.81 0.00	28.39 -0.79 0.00	25.03 -0.49 0.00	27.32 -0.23 0.00
V_CMM_10_SYNC_DSASP 323787	35.76 -0.20 0.00	31.74 -0.05 0.00	25.02 -0.03 0.00	21.03 -0.01 0.00	23.22 -0.02 0.00	28.29 -0.06 0.00	28.91 -0.12 0.00	31.34 -0.18 0.00	28.19 -0.25 0.00	27.53 -0.34 0.00	24.60 -0.36 0.00	26.25 -0.44 0.00	26.90 -0.44 0.00	30.78 -0.48 0.00	29.57 -0.50 0.00	32.56 -0.51 0.00	36.20 -0.51 0.00	43.25 -0.64 0.00	55.92 -0.82 0.00	44.42 -0.63 0.00	30.82 -0.40 0.00	28.89 -0.29 0.00	25.34 -0.18 0.00	27.31 -0.24 0.00
V_CMP_10_SYNC_DSASP 323788	37.08 1.12 0.00	32.98 1.19 0.00	25.98 0.92 0.00	21.93 0.89 0.00	24.32 1.07 0.00	29.69 1.34 0.00	30.42 1.39 0.00	33.01 1.48 0.00	81.28 1.46 -51.38	28.62 0.75 0.00	25.33 0.37 0.00	27.00 0.30 0.00	27.86 0.52 0.00	31.82 0.56 0.00	30.48 0.42 0.00	33.55 0.48 0.00	37.49 0.78 0.00	44.92 1.03 0.00	58.37 1.63 0.00	46.79 1.74 0.00	32.45 1.23 0.00	30.47 1.29 0.00	26.59 1.07 0.00	28.56 1.01 0.00
V_E_10_SYNC_DSASP 323830	38.45 2.48 0.00	33.74 1.95 0.00	26.63 1.57 0.00	22.36 1.32 0.00	24.73 1.48 0.00	30.37 2.03 0.00	31.10 2.07 0.00	33.90 2.37 0.00	30.47 2.03 0.00	29.72 1.85 0.00	26.57 1.61 0.00	28.53 1.84 0.00	29.34 2.01 0.00	33.42 2.16 0.00	32.25 2.18 0.00	34.95 1.88 0.00	38.85 2.14 0.00	46.75 2.86 0.00	60.92 4.18 0.00	48.78 3.73 0.00	33.86 2.63 0.00	31.55 2.37 0.00	27.45 1.93 0.00	29.55 2.00 0.00
V_F_30_NSYNC__DSASP 323816	37.69 1.73 0.00	33.28 1.49 0.00	26.18 1.13 0.00	21.97 0.93 0.00	24.28 1.03 0.00	29.50 1.16 0.00	30.30 1.27 0.00	32.86 1.33 0.00	29.67 1.22 0.00	29.07 1.20 0.00	25.96 1.00 0.00	27.86 1.17 0.00	28.60 1.27 0.00	32.66 1.41 0.00	31.36 1.29 0.00	34.51 1.44 0.00	38.41 1.70 0.00	46.05 2.16 0.00	59.68 2.94 0.00	47.64 2.58 0.00	33.00 1.78 0.00	30.79 1.62 0.00	26.84 1.32 0.00	28.89 1.34 0.00
V_F_30_SYNC_DSASP 323786	36.73 0.76 0.00	32.44 0.65 0.00	25.61 0.55 0.00	21.51 0.47 0.00	23.72 0.47 0.00	28.79 0.43 0.00	29.54 0.51 0.00	32.05 0.52 0.00	28.99 0.54 0.00	28.45 0.58 0.00	25.52 0.56 0.00	27.39 0.70 0.00	28.09 0.75 0.00	32.09 0.83 0.00	30.87 0.80 0.00	33.92 0.85 0.00	37.71 1.00 0.00	45.13 1.24 0.00	58.36 1.62 0.00	46.47 1.42 0.00	32.16 0.93 0.00	29.97 0.79 0.00	26.13 0.61 0.00	28.13 0.58 0.00
V_XM_10_SYNC_DSASP 323789	37.08 1.12 0.00	32.98 1.19 0.00	25.98 0.92 0.00	21.93 0.89 0.00	24.32 1.07 0.00	29.69 1.34 0.00	30.42 1.39 0.00	33.01 1.48 0.00	81.28 1.46 -51.38	28.62 0.75 0.00	25.33 0.37 0.00	27.00 0.30 0.00	27.86 0.52 0.00	31.82 0.56 0.00	30.48 0.42 0.00	33.55 0.48 0.00	37.49 0.78 0.00	44.92 1.03 0.00	58.37 1.63 0.00	46.79 1.74 0.00	32.45 1.23 0.00	30.47 1.29 0.00	26.59 1.07 0.00	28.56 1.01 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	37.52 1.56 0.00	32.98 1.19 0.00	26.06 1.00 0.00	21.84 0.79 0.00	24.06 0.81 0.00	29.26 0.91 0.00	30.08 1.05 0.00	32.71 1.18 0.00	29.77 1.33 0.00	29.39 1.52 0.00	26.49 1.53 0.00	28.45 1.76 0.00	29.09 1.75 0.00	33.29 2.03 0.00	32.13 2.07 0.00	35.52 2.45 0.00	39.41 2.70 0.00	47.06 3.17 0.00	60.75 4.01 0.00	48.02 2.96 0.00	33.17 1.94 0.00	30.91 1.73 0.00	26.94 1.42 0.00	28.92 1.37 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.65 1.68 0.00	33.11 1.32 0.00	26.18 1.13 0.00	21.95 0.90 0.00	24.15 0.91 0.00	29.34 0.99 0.00	30.19 1.15 0.00	32.82 1.29 0.00	29.95 1.50 0.00	29.59 1.72 0.00	26.69 1.73 0.00	28.63 1.94 0.00	29.23 1.89 0.00	33.42 2.16 0.00	32.29 2.22 0.00	35.68 2.62 0.00	39.57 2.86 0.00	47.22 3.33 0.00	60.93 4.18 0.00	48.13 3.07 0.00	33.25 2.03 0.00	31.02 1.84 0.00	27.05 1.53 0.00	28.99 1.44 0.00
W50THST__13_KV_LOAD 356117	37.83 1.87 0.00	33.27 1.48 0.00	26.31 1.26 0.00	22.05 1.01 0.00	24.27 1.03 0.00	29.51 1.16 0.00	30.38 1.35 0.00	33.06 1.53 0.00	30.18 1.74 0.00	29.84 1.96 0.00	26.92 1.96 0.00	28.89 2.19 0.00	29.50 2.16 0.00	33.71 2.45 0.00	32.57 2.50 0.00	35.99 2.92 0.00	39.89 3.18 0.00	47.58 3.69 0.00	61.37 4.63 0.00	48.45 3.40 0.00	33.47 2.24 0.00	31.21 2.03 0.00	27.18 1.66 0.00	29.11 1.56 0.00
WADING RIVER_IC_1 23522	45.82 3.19 -6.67	34.70 2.90 -0.01	157.40 2.45 -129.89	22.95 1.91 0.00	25.27 2.03 0.00	30.41 2.06 0.00	30.53 1.50 0.00	33.45 1.91 0.00	30.68 2.24 0.00	30.25 2.38 0.00	29.59 2.21 -2.41	29.12 2.35 -0.08	29.46 2.12 0.00	33.96 2.63 -0.07	34.97 2.79 -2.12	39.95 3.40 -3.49	60.77 3.91 -20.16	55.91 4.58 -7.43	82.40 5.99 -19.67	49.86 4.41 -0.40	47.77 3.10 -13.44	90.12 2.70 -58.25	27.51 1.98 0.00	29.55 2.00 0.00
WADING RIVER_IC_2 23547	45.82 3.19 -6.67	34.70 2.90 -0.01	157.40 2.45 -129.89	22.95 1.91 0.00	25.27 2.03 0.00	30.41 2.06 0.00	30.53 1.50 0.00	33.45 1.91 0.00	30.68 2.24 0.00	30.25 2.38 0.00	29.59 2.21 -2.41	29.12 2.35 -0.08	29.46 2.12 0.00	33.96 2.63 -0.07	34.97 2.79 -2.12	39.95 3.40 -3.49	60.77 3.91 -20.16	55.91 4.58 -7.43	82.40 5.99 -19.67	49.86 4.41 -0.40	47.77 3.10 -13.44	90.12 2.70 -58.25	27.51 1.98 0.00	29.55 2.00 0.00
WADING RIVER_IC_3 23601	45.82 3.19 -6.67	34.70 2.90 -0.01	157.40 2.45 -129.89	22.95 1.91 0.00	25.27 2.03 0.00	30.41 2.06 0.00	30.53 1.50 0.00	33.45 1.91 0.00	30.68 2.24 0.00	30.25 2.38 0.00	29.59 2.21 -2.41	29.12 2.35 -0.08	29.46 2.12 0.00	33.96 2.63 -0.07	34.97 2.79 -2.12	39.95 3.40 -3.49	60.77 3.91 -20.16	55.91 4.58 -7.43	82.40 5.99 -19.67	49.86 4.41 -0.40	47.77 3.10 -13.44	90.12 2.70 -58.25	27.51 1.98 0.00	29.55 2.00 0.00
WALDENNY_I2_KV_BK2 80841	36.35 0.38 0.00	31.95 0.15 0.00	25.01 -0.04 0.00	21.06 0.02 0.00	23.43 0.19 0.00	29.00 0.65 0.00	29.38 0.34 0.00	31.98 0.45 0.00	28.77 0.32 0.00	28.50 0.63 0.00	25.74 0.78 0.00	27.32 0.63 0.00	27.85 0.51 0.00	32.06 0.80 0.00	30.79 0.73 0.00	34.91 0.81 -1.03	36.98 0.27 0.00	44.05 0.16 0.00	56.97 0.23 0.00	44.96 -0.10 0.00	30.98 -0.25 0.00	28.91 -0.27 0.00	25.51 -0.01 0.00	27.81 0.26 0.00
WALDEN___HYDRO 24148	37.62 1.66 0.00	33.07 1.28 0.00	26.09 1.04 0.00	21.87 0.83 0.00	24.10 0.86 0.00	29.33 0.98 0.00	30.14 1.11 0.00	32.76 1.23 0.00	29.76 1.31 0.00	29.26 1.39 0.00	26.32 1.36 0.00	28.25 1.56 0.00	28.92 1.58 0.00	33.16 1.90 0.00	31.99 1.93 0.00	35.23 2.16 0.00	39.24 2.53 0.00	46.89 3.00 0.00	60.57 3.83 0.00	48.07 3.01 0.00	33.25 2.03 0.00	30.99 1.81 0.00	27.00 1.48 0.00	28.96 1.42 0.00
WARRENSBURG____ 23737	37.36 1.40 0.00	32.96 1.17 0.00	25.85 0.79 0.00	21.67 0.63 0.00	23.97 0.72 0.00	29.12 0.77 0.00	29.95 0.92 0.00	32.53 1.00 0.00	29.38 0.94 0.00	28.77 0.90 0.00	25.53 0.57 0.00	27.41 0.72 0.00	28.20 0.86 0.00	32.11 0.85 0.00	30.76 0.70 0.00	33.94 0.87 0.00	37.79 1.08 0.00	45.42 1.53 0.00	59.03 2.29 0.00	47.33 2.27 0.00	32.84 1.61 0.00	30.68 1.51 0.00	26.74 1.22 0.00	28.75 1.20 0.00
WATERSIDE___6 8 9 23538	37.66 1.70 0.00	33.12 1.33 0.00	26.21 1.15 0.00	21.96 0.92 0.00	24.16 0.92 0.00	29.36 1.01 0.00	30.22 1.18 0.00	32.83 1.30 0.00	29.97 1.53 0.00	29.60 1.72 0.00	26.69 1.73 0.00	28.64 1.94 0.00	29.22 1.89 0.00	33.41 2.15 0.00	32.28 2.22 0.00	35.69 2.62 0.00	39.56 2.85 0.00	47.21 3.32 0.00	60.91 4.17 0.00	48.13 3.07 0.00	33.29 2.06 0.00	31.05 1.87 0.00	27.10 1.58 0.00	29.05 1.50 0.00
WATKINRD_115KV_LN8_ILLION 55919	35.97 0.00 0.00	31.73 -0.06 0.00	25.04 -0.02 0.00	21.03 -0.01 0.00	23.18 -0.07 0.00	28.23 -0.12 0.00	28.94 -0.09 0.00	31.43 -0.10 0.00	28.34 -0.11 0.00	27.74 -0.13 0.00	24.87 -0.09 0.00	26.72 0.03 0.00	27.39 0.05 0.00	31.31 0.05 0.00	30.12 0.05 0.00	33.01 -0.06 0.00	36.72 0.01 0.00	43.98 0.08 0.00	56.91 0.17 0.00	45.37 0.31 0.00	31.47 0.24 0.00	29.34 0.17 0.00	25.58 0.06 0.00	27.55 0.00 0.00
WATSON___69_KV_BK 1 55734	46.10 3.47 -6.66	34.72 2.93 0.00	90.16 2.42 -62.69	22.92 1.88 0.00	25.20 1.96 0.00	30.52 2.17 0.00	31.13 2.09 0.00	33.98 2.45 0.00	31.12 2.68 0.00	30.69 2.82 0.00	30.07 2.70 -2.41	29.73 2.96 -0.07	30.21 2.87 0.00	34.64 3.31 -0.07	35.67 3.49 -2.11	40.72 4.17 -3.48	61.46 4.60 -20.15	56.71 5.39 -7.43	83.46 7.06 -19.66	50.73 5.28 -0.39	48.33 3.66 -13.44	90.68 3.25 -58.25	28.09 2.57 0.00	30.03 2.48 0.00
WDELAWARE___HYD 323627	37.06 1.10 0.00	32.57 0.78 0.00	25.62 0.57 0.00	21.47 0.42 0.00	23.71 0.46 0.00	28.88 0.53 0.00	29.69 0.66 0.00	32.30 0.77 0.00	29.35 0.91 0.00	28.90 1.03 0.00	25.91 0.94 0.00	27.82 1.13 0.00	28.29 0.95 0.00	31.64 0.39 0.00	30.58 0.52 0.00	34.03 0.97 0.00	37.74 1.02 0.00	45.22 1.33 0.00	58.55 1.81 0.00	46.37 1.32 0.00	32.14 0.90 0.00	30.57 1.39 0.00	26.62 1.10 0.00	28.53 0.98 0.00
WEST BABYLON___IC 23714	45.86 3.23 -6.66	34.49 2.70 0.00	46.25 2.23 -18.96	22.79 1.75 0.00	25.05 1.80 0.00	30.35 2.00 0.00	31.00 1.97 0.00	33.82 2.29 0.00	30.97 2.52 0.00	30.52 2.65 0.00	29.96 2.59 -2.41	29.62 2.86 -0.07	30.11 2.77 0.00	34.49 3.16 -0.07	35.50 3.33 -2.11	40.48 3.93 -3.48	61.20 4.35 -20.14	56.41 5.09 -7.43	83.04 6.63 -19.66	50.43 4.98 -0.39	48.10 3.43 -13.44	90.50 3.07 -58.25	27.96 2.44 0.00	29.89 2.34 0.00
WEST CANADA___HYD 24049	35.99 0.03 0.00	31.79 0.00 0.00	25.06 0.00 0.00	21.04 0.00 0.00	23.23 -0.01 0.00	28.33 -0.02 0.00	29.03 0.00 0.00	31.53 0.00 0.00	28.46 0.02 0.00	27.90 0.03 0.00	25.00 0.04 0.00	26.75 0.05 0.00	27.39 0.05 0.00	31.32 0.06 0.00	30.15 0.08 0.00	33.12 0.05 0.00	36.76 0.05 0.00	43.98 0.08 0.00	56.85 0.11 0.00	45.15 0.09 0.00	31.29 0.06 0.00	29.22 0.05 0.00	25.54 0.02 0.00	27.57 0.02 0.00

WESTERN_NY_WIND 24143	36.81 0.84 0.00	32.35 0.56 0.00	25.38 0.32 0.00	21.33 0.28 0.00	23.72 0.47 0.00	29.35 1.00 0.00	29.75 0.72 0.00	32.37 0.84 0.00	29.05 0.60 0.00	28.64 0.77 0.00	25.88 0.92 0.00	27.44 0.74 0.00	28.02 0.68 0.00	32.25 0.99 0.00	30.95 0.88 0.00	45.61 2.30 -10.24	37.24 0.53 0.00	44.36 0.47 0.00	57.58 0.83 0.00	45.69 0.63 0.00	31.53 0.30 0.00	29.39 0.21 0.00	25.86 0.33 0.00	28.17 0.63 0.00
WESTOVER___LESR 323668	36.31 0.35 0.00	31.97 0.18 0.00	25.14 0.08 0.00	21.12 0.07 0.00	23.40 0.15 0.00	28.69 0.34 0.00	29.34 0.31 0.00	31.99 0.46 0.00	28.84 0.39 0.00	28.40 0.53 0.00	25.47 0.50 0.00	27.19 0.50 0.00	27.82 0.48 0.00	31.85 0.59 0.00	30.62 0.56 0.00	33.71 0.64 0.00	37.34 0.63 0.00	44.62 0.72 0.00	57.72 0.98 0.00	45.68 0.63 0.00	31.59 0.37 0.00	29.54 0.36 0.00	25.85 0.33 0.00	27.93 0.38 0.00
WETHRSFD_WT_PWR 323626	36.24 0.27 0.00	31.87 0.08 0.00	25.01 -0.04 0.00	21.01 -0.03 0.00	23.39 0.14 0.00	28.89 0.54 0.00	29.34 0.31 0.00	31.95 0.42 0.00	28.73 0.28 0.00	28.41 0.54 0.00	25.60 0.64 0.00	27.16 0.46 0.00	27.73 0.39 0.00	31.87 0.61 0.00	30.61 0.55 0.00	34.43 0.65 -0.71	36.94 0.23 0.00	44.00 0.11 0.00	57.01 0.27 0.00	44.99 -0.06 0.00	31.08 -0.15 0.00	29.03 -0.15 0.00	25.57 0.05 0.00	27.79 0.25 0.00
WHAVSTOR_138KV_BK127 55557	37.35 1.39 0.00	32.84 1.05 0.00	25.96 0.90 0.00	21.75 0.71 0.00	23.96 0.72 0.00	29.14 0.79 0.00	29.96 0.92 0.00	32.58 1.05 0.00	29.64 1.19 0.00	29.25 1.38 0.00	26.37 1.40 0.00	28.31 1.62 0.00	28.93 1.59 0.00	33.10 1.84 0.00	31.95 1.88 0.00	35.31 2.25 0.00	39.19 2.48 0.00	46.80 2.91 0.00	60.41 3.67 0.00	47.75 2.70 0.00	33.01 1.78 0.00	30.76 1.58 0.00	26.82 1.30 0.00	28.79 1.24 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	37.35 1.39 0.00	32.84 1.05 0.00	25.96 0.90 0.00	21.75 0.71 0.00	23.96 0.72 0.00	29.14 0.79 0.00	29.96 0.92 0.00	32.58 1.05 0.00	29.64 1.19 0.00	29.25 1.38 0.00	26.37 1.40 0.00	28.31 1.62 0.00	28.93 1.59 0.00	33.10 1.84 0.00	31.95 1.88 0.00	35.31 2.25 0.00	39.19 2.48 0.00	46.80 2.91 0.00	60.41 3.67 0.00	47.75 2.70 0.00	33.01 1.78 0.00	30.76 1.58 0.00	26.82 1.30 0.00	28.79 1.24 0.00
WHITEHAL_115KV_TB1 80871	38.65 2.68 0.00	34.05 2.26 0.00	26.51 1.46 0.00	22.14 1.09 0.00	24.50 1.25 0.00	29.60 1.25 0.00	30.51 1.48 0.00	33.20 1.67 0.00	29.89 1.44 0.00	29.27 1.40 0.00	25.99 1.03 0.00	27.89 1.20 0.00	28.97 1.63 0.00	32.92 1.66 0.00	31.30 1.23 0.00	34.77 1.70 0.00	38.81 2.10 0.00	46.92 3.03 0.00	60.87 4.12 0.00	48.93 3.87 0.00	33.69 2.46 0.00	31.79 2.61 0.00	27.74 2.22 0.00	29.89 2.34 0.00
WHITEPLN_13_KV_LOAD 356215	37.80 1.84 0.00	33.24 1.44 0.00	26.33 1.28 0.00	22.07 1.03 0.00	24.24 0.99 0.00	29.46 1.11 0.00	30.30 1.27 0.00	32.94 1.41 0.00	30.01 1.57 0.00	29.63 1.76 0.00	26.78 1.82 0.00	28.81 2.12 0.00	29.44 2.10 0.00	33.67 2.41 0.00	32.52 2.46 0.00	35.76 2.70 0.00	39.67 2.96 0.00	47.38 3.49 0.00	61.11 4.37 0.00	48.33 3.27 0.00	33.38 2.15 0.00	31.11 1.93 0.00	27.13 1.60 0.00	29.13 1.58 0.00
WM_FLOYD_69_KV_BK2 356380	45.92 3.30 -6.66	34.69 2.90 -0.01	151.38 2.47 -123.86	22.93 1.89 0.00	25.23 1.98 0.00	30.44 2.09 0.00	30.78 1.75 0.00	33.66 2.13 0.00	30.87 2.43 0.00	30.40 2.53 0.00	29.76 2.39 -2.41	29.35 2.58 -0.07	29.76 2.42 0.00	34.20 2.87 -0.07	35.22 3.05 -2.11	40.24 3.69 -3.48	61.07 4.20 -20.16	56.27 4.95 -7.43	82.88 6.47 -19.66	50.26 4.81 -0.39	48.01 3.34 -13.44	90.35 2.92 -58.25	27.74 2.22 0.00	29.75 2.20 0.00
WOODARD___115KV_TB2 355635	35.63 -0.33 0.00	31.42 -0.37 0.00	24.74 -0.32 0.00	20.79 -0.25 0.00	22.99 -0.26 0.00	28.12 -0.23 0.00	28.78 -0.25 0.00	31.32 -0.21 0.00	28.33 -0.12 0.00	27.85 -0.02 0.00	24.87 -0.09 0.00	26.53 -0.16 0.00	27.16 -0.18 0.00	31.04 -0.21 0.00	29.82 -0.24 0.00	32.73 -0.34 0.00	36.30 -0.42 0.00	43.41 -0.47 0.00	56.17 -0.58 0.00	44.56 -0.50 0.00	30.88 -0.35 0.00	28.84 -0.34 0.00	25.25 -0.27 0.00	27.35 -0.20 0.00
YORK___WARBASSE 23770	37.80 1.84 0.00	33.22 1.43 0.00	26.32 1.26 0.00	22.04 1.00 0.00	24.26 1.01 0.00	29.46 1.11 0.00	30.31 1.28 0.00	32.88 1.35 0.00	30.02 1.58 0.00	29.65 1.77 0.00	26.75 1.79 0.00	28.71 2.01 0.00	29.30 1.96 0.00	33.52 2.26 0.00	32.39 2.33 0.00	35.81 2.75 0.00	39.68 2.97 0.00	47.37 3.47 0.00	61.14 4.40 0.00	48.33 3.27 0.00	33.45 2.22 0.00	31.21 2.03 0.00	27.25 1.72 0.00	29.18 1.63 0.00