

ALBANY___4 23574	21.76 0.31 0.00	21.04 0.31 0.00	19.18 0.30 0.00	18.16 0.26 0.00	18.20 0.27 0.00	20.90 0.31 0.00	26.65 0.43 0.00	27.62 0.41 0.00	29.56 0.44 0.00	27.58 0.37 0.00	23.40 0.34 -0.79	22.48 0.41 0.00	29.25 0.61 0.00	35.34 0.71 0.00	30.52 0.56 0.00	30.29 0.50 0.00	47.22 0.79 0.00	42.29 0.78 0.00	57.85 0.97 0.00	60.14 1.06 0.00	39.64 0.79 0.00	35.75 0.58 0.00	28.83 0.49 0.00	33.01 0.43 0.00
ALBANY___LFGE 323615	21.98 0.52 0.00	21.25 0.52 0.00	19.38 0.50 0.00	18.34 0.44 0.00	18.38 0.45 0.00	21.11 0.53 0.00	26.93 0.71 0.00	27.92 0.70 0.00	29.89 0.77 0.00	27.89 0.68 0.00	23.65 0.59 -0.79	22.73 0.67 0.00	29.60 0.96 0.00	35.77 1.15 0.00	30.89 0.92 0.00	30.66 0.87 0.00	47.81 1.39 0.00	42.81 1.30 0.00	58.54 1.66 0.00	60.86 1.78 0.00	40.11 1.26 0.00	36.16 0.99 0.00	29.15 0.81 0.00	33.37 0.79 0.00
ALCOA_PA_115KV_PL-6C 55860	21.36 -0.09 0.00	20.73 0.00 0.00	18.90 0.02 0.00	17.95 0.05 0.00	17.98 0.04 0.00	20.62 0.04 0.00	26.19 -0.03 0.00	27.03 -0.18 0.00	28.92 -0.20 0.00	27.01 -0.20 0.00	22.04 -0.23 0.00	21.81 -0.26 0.00	28.23 -0.41 0.00	34.27 -0.35 0.00	29.80 -0.16 0.00	29.57 -0.22 0.00	46.08 -0.35 0.00	41.17 -0.35 0.00	56.61 -0.27 0.00	58.77 -0.31 0.00	38.59 -0.26 0.00	34.92 -0.25 0.00	28.17 -0.17 0.00	32.52 -0.06 0.00
ALCOA_RYNLDS___DRP 24188	21.36 -0.09 0.00	20.73 0.00 0.00	18.90 0.02 0.00	17.95 0.05 0.00	17.98 0.04 0.00	20.62 0.04 0.00	26.19 -0.03 0.00	27.03 -0.18 0.00	28.92 -0.20 0.00	27.01 -0.20 0.00	22.04 -0.23 0.00	21.81 -0.26 0.00	28.23 -0.41 0.00	34.27 -0.35 0.00	29.80 -0.16 0.00	29.57 -0.22 0.00	46.08 -0.35 0.00	41.17 -0.35 0.00	56.61 -0.27 0.00	58.77 -0.31 0.00	38.59 -0.26 0.00	34.92 -0.25 0.00	28.17 -0.17 0.00	32.52 -0.06 0.00
ALCOA___DSASP 323711	21.36 -0.09 0.00	20.73 0.00 0.00	18.89 0.02 0.00	17.95 0.05 0.00	17.97 0.04 0.00	20.62 0.04 0.00	26.19 -0.03 0.00	27.03 -0.18 0.00	28.93 -0.19 0.00	27.01 -0.20 0.00	22.04 -0.23 0.00	21.81 -0.26 0.00	28.23 -0.41 0.00	34.28 -0.35 0.00	29.80 -0.16 0.00	29.57 -0.21 0.00	46.08 -0.35 0.00	41.17 -0.35 0.00	56.61 -0.27 0.00	58.77 -0.31 0.00	38.59 -0.26 0.00	34.92 -0.25 0.00	28.17 -0.17 0.00	32.52 -0.06 0.00
ALLEGHENY___COGEN 23514	22.47 1.02 0.00	21.50 0.76 0.00	19.52 0.65 0.00	18.54 0.64 0.00	18.54 0.61 0.00	21.29 0.71 0.00	27.27 1.06 0.00	28.31 1.09 0.00	29.81 0.69 0.00	27.85 0.64 0.00	22.58 0.31 0.00	22.25 0.19 0.00	28.95 0.32 0.00	34.88 0.25 0.00	30.18 0.21 0.00	29.91 0.13 0.00	47.20 0.77 0.00	42.07 0.56 0.00	57.92 1.04 0.00	60.80 1.72 0.00	40.44 1.60 0.00	36.92 1.74 0.00	29.67 1.33 0.00	34.28 1.70 0.00
ALTAMONT_115KV_TB 2 55880	22.07 0.61 0.00	21.32 0.58 0.00	19.42 0.54 0.00	18.39 0.50 0.00	18.43 0.50 0.00	21.16 0.57 0.00	27.01 0.79 0.00	28.01 0.80 0.00	29.98 0.86 0.00	27.97 0.77 0.00	23.69 0.65 -0.77	22.77 0.71 0.00	29.61 0.98 0.00	35.77 1.14 0.00	30.90 0.93 0.00	30.68 0.90 0.00	47.85 1.42 0.00	42.83 1.31 0.00	58.60 1.72 0.00	60.90 1.83 0.00	40.13 1.29 0.00	36.25 1.08 0.00	29.22 0.88 0.00	33.48 0.90 0.00
ALTONA_WT_PWR 323606	21.27 -0.19 0.00	20.64 -0.10 0.00	18.93 0.06 0.00	18.00 0.11 0.00	18.09 0.16 0.00	20.77 0.18 0.00	26.56 0.33 0.00	27.50 0.29 0.00	29.72 0.60 0.00	27.77 0.56 0.00	22.58 0.31 0.00	22.19 0.13 0.00	28.60 -0.04 0.00	34.83 0.20 0.00	30.20 0.23 0.00	29.98 0.19 0.00	46.38 -0.05 0.00	41.75 0.23 0.00	57.73 0.85 0.00	60.20 1.12 0.00	39.51 0.66 0.00	35.54 0.37 0.00	28.64 0.30 0.00	33.36 0.79 0.00
AMERICAN_REF_FUEL 24010	21.31 -0.14 0.00	20.41 -0.33 0.00	18.51 -0.36 0.00	17.58 -0.32 0.00	17.50 -0.43 0.00	20.02 -0.56 0.00	25.70 -0.53 0.00	26.68 -0.53 0.00	28.48 -0.64 0.00	26.87 -0.34 0.00	21.87 -0.40 0.00	21.48 -0.58 0.00	27.80 -0.84 0.00	33.16 -1.47 0.00	28.61 -1.36 0.00	28.36 -1.43 0.00	44.37 -2.06 0.00	39.43 -2.09 0.00	54.16 -2.72 0.00	56.34 -2.73 0.00	37.11 -1.74 0.00	33.88 -1.29 0.00	27.55 -0.79 0.00	32.18 -0.40 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.83 0.38 0.00	20.89 0.16 0.00	18.93 0.05 0.00	17.98 0.09 0.00	18.01 0.08 0.00	20.67 0.08 0.00	26.59 0.37 0.00	27.74 0.53 0.00	29.63 0.50 0.00	28.00 0.79 0.00	22.71 0.44 0.00	22.26 0.20 0.00	28.82 0.18 0.00	34.42 -0.21 0.00	29.69 -0.28 0.00	29.54 -0.24 0.00	46.40 -0.03 0.00	41.34 -0.18 0.00	57.21 0.34 0.00	59.52 0.44 0.00	39.06 0.22 0.00	35.63 0.46 0.00	28.72 0.38 0.00	33.45 0.87 0.00
ARTHUR_KILL_GT_1 23520	22.73 1.27 0.00	21.79 1.06 0.00	19.81 0.93 0.00	18.74 0.84 0.00	18.77 0.84 0.00	21.60 1.01 0.00	27.67 1.45 0.00	28.82 1.61 0.00	30.46 1.75 0.41	28.97 1.76 0.00	27.39 1.63 -3.49	23.81 1.74 0.00	29.99 2.25 0.90	31.56 2.56 5.63	32.03 2.16 0.10	32.05 2.27 0.01	49.95 3.53 0.01	44.75 3.24 0.00	60.82 3.94 0.00	62.80 3.72 0.00	41.22 2.38 0.01	37.31 2.14 0.01	30.11 1.79 0.03	34.25 1.68 0.00
ARTHUR_KILL_2 23512	22.66 1.21 0.00	21.73 0.99 0.00	19.76 0.88 0.00	18.69 0.80 0.00	18.73 0.79 0.00	21.54 0.96 0.00	27.60 1.38 0.00	28.74 1.53 0.00	30.38 1.66 0.41	28.88 1.68 0.00	27.32 1.56 -3.49	23.74 1.68 0.00	29.90 2.16 0.90	31.44 2.44 5.63	31.91 2.04 0.10	31.93 2.15 0.01	49.78 3.36 0.01	44.60 3.08 0.00	60.61 3.73 0.00	62.57 3.49 0.00	41.08 2.23 0.01	37.16 2.00 0.01	30.00 1.69 0.03	34.14 1.57 0.00
ARTHUR_KILL_3 23513	22.59 1.14 0.00	21.66 0.92 0.00	19.68 0.80 0.00	18.62 0.72 0.00	18.65 0.72 0.00	21.45 0.86 0.00	27.54 1.32 0.00	28.70 1.49 0.00	30.42 1.71 0.41	28.90 1.69 0.00	27.35 1.58 -3.49	23.77 1.71 0.00	30.84 2.20 0.00	37.08 2.45 0.00	32.04 2.07 0.00	31.97 2.18 0.00	49.92 3.49 0.00	44.69 3.17 0.00	60.70 3.83 0.00	62.58 3.50 0.00	41.05 2.21 0.00	37.15 1.98 0.00	29.90 1.59 0.02	34.20 1.62 0.00
ARTHUR_KILL_COGEN 323718	22.73 1.27 0.00	21.79 1.06 0.00	19.81 0.93 0.00	18.74 0.84 0.00	18.77 0.84 0.00	21.60 1.01 0.00	27.67 1.45 0.00	28.82 1.61 0.00	30.46 1.75 0.41	28.97 1.76 0.00	27.39 1.63 -3.49	23.81 1.74 0.00	29.99 2.25 0.90	31.56 2.56 5.63	32.03 2.16 0.10	32.05 2.27 0.01	49.95 3.53 0.01	44.75 3.24 0.00	60.82 3.94 0.00	62.80 3.72 0.00	41.22 2.38 0.01	37.31 2.14 0.01	30.11 1.79 0.03	34.25 1.68 0.00
ASHOKAN____ 23654	22.30 0.85 0.00	21.47 0.74 0.00	19.51 0.64 0.00	18.48 0.59 0.00	18.52 0.59 0.00	21.30 0.72 0.00	27.27 1.05 0.00	28.36 1.15 0.00	30.49 1.37 0.00	28.41 1.20 0.00	23.24 0.97 0.00	23.17 1.11 0.00	30.21 1.57 0.00	36.43 1.80 0.00	31.65 1.69 0.00	31.62 1.83 0.00	49.31 2.88 0.00	44.38 2.86 0.00	60.56 3.68 0.00	63.05 3.97 0.00	41.57 2.73 0.00	37.44 2.27 0.00	30.06 1.72 0.00	34.28 1.70 0.00

ASTORIA_EAST_ENERGY_CC1 323581	22.71 1.25 0.00	21.78 1.04 0.00	19.81 0.93 0.00	18.75 0.85 0.00	18.77 0.83 0.00	21.58 1.00 0.00	27.60 1.38 0.00	28.80 1.59 0.00	30.97 1.85 0.00	28.98 1.77 0.00	27.38 1.61 -3.49	23.78 1.72 0.00	30.88 2.24 0.00	37.12 2.50 0.00	32.08 2.12 0.00	32.02 2.24 0.00	49.95 3.52 0.00	44.77 3.25 0.00	60.79 3.92 0.00	62.87 3.80 0.00	41.24 2.39 0.00	37.31 2.14 0.00	30.03 1.69 0.00	34.26 1.68 0.00
ASTORIA_EAST_ENERGY_CC2 323582	22.71 1.25 0.00	21.78 1.04 0.00	19.81 0.93 0.00	18.75 0.85 0.00	18.77 0.83 0.00	21.58 1.00 0.00	27.60 1.38 0.00	28.80 1.59 0.00	30.97 1.85 0.00	28.98 1.77 0.00	27.38 1.61 -3.49	23.78 1.72 0.00	30.88 2.24 0.00	37.12 2.50 0.00	32.08 2.12 0.00	32.02 2.24 0.00	49.95 3.52 0.00	44.77 3.25 0.00	60.79 3.92 0.00	62.87 3.80 0.00	41.24 2.39 0.00	37.31 2.14 0.00	30.03 1.69 0.00	34.26 1.68 0.00
ASTORIA_GT2_1 24094	22.72 1.26 0.00	21.79 1.05 0.00	19.80 0.92 0.00	18.75 0.85 0.00	18.77 0.84 0.00	21.59 1.01 0.00	27.62 1.40 0.00	28.83 1.61 0.00	30.99 1.87 0.00	28.99 1.79 0.00	27.40 1.63 -3.49	23.79 1.73 0.00	30.90 2.26 0.00	37.15 2.52 0.00	32.10 2.13 0.00	32.04 2.25 0.00	49.98 3.55 0.00	44.79 3.27 0.00	60.83 3.96 0.00	62.90 3.83 0.00	41.27 2.42 0.00	37.33 2.16 0.00	30.04 1.70 0.00	34.28 1.70 0.00
ASTORIA_GT2_2 24095	22.72 1.26 0.00	21.79 1.05 0.00	19.80 0.92 0.00	18.75 0.85 0.00	18.77 0.84 0.00	21.59 1.01 0.00	27.62 1.40 0.00	28.83 1.61 0.00	30.99 1.87 0.00	28.99 1.79 0.00	27.40 1.63 -3.49	23.79 1.73 0.00	30.90 2.26 0.00	37.15 2.52 0.00	32.10 2.13 0.00	32.04 2.25 0.00	49.98 3.55 0.00	44.79 3.27 0.00	60.83 3.96 0.00	62.90 3.83 0.00	41.27 2.42 0.00	37.33 2.16 0.00	30.04 1.70 0.00	34.28 1.70 0.00
ASTORIA_GT2_3 24096	22.72 1.26 0.00	21.79 1.05 0.00	19.80 0.92 0.00	18.75 0.85 0.00	18.77 0.84 0.00	21.59 1.01 0.00	27.62 1.40 0.00	28.83 1.61 0.00	30.99 1.87 0.00	28.99 1.79 0.00	27.40 1.63 -3.49	23.79 1.73 0.00	30.90 2.26 0.00	37.15 2.52 0.00	32.10 2.13 0.00	32.04 2.25 0.00	49.98 3.55 0.00	44.79 3.27 0.00	60.83 3.96 0.00	62.90 3.83 0.00	41.27 2.42 0.00	37.33 2.16 0.00	30.04 1.70 0.00	34.28 1.70 0.00
ASTORIA_GT2_4 24097	22.72 1.26 0.00	21.79 1.05 0.00	19.80 0.92 0.00	18.75 0.85 0.00	18.77 0.84 0.00	21.59 1.01 0.00	27.62 1.40 0.00	28.83 1.61 0.00	30.99 1.87 0.00	28.99 1.79 0.00	27.40 1.63 -3.49	23.79 1.73 0.00	30.90 2.26 0.00	37.15 2.52 0.00	32.10 2.13 0.00	32.04 2.25 0.00	49.98 3.55 0.00	44.79 3.27 0.00	60.83 3.96 0.00	62.90 3.83 0.00	41.27 2.42 0.00	37.33 2.16 0.00	30.04 1.70 0.00	34.28 1.70 0.00
ASTORIA_GT3_1 24098	22.72 1.26 0.00	21.79 1.05 0.00	19.80 0.92 0.00	18.75 0.85 0.00	18.77 0.84 0.00	21.59 1.01 0.00	27.62 1.40 0.00	28.83 1.61 0.00	30.99 1.87 0.00	28.99 1.79 0.00	27.40 1.63 -3.49	23.79 1.73 0.00	30.90 2.26 0.00	37.15 2.52 0.00	32.10 2.13 0.00	32.04 2.25 0.00	49.98 3.55 0.00	44.79 3.27 0.00	60.83 3.96 0.00	62.90 3.83 0.00	41.27 2.42 0.00	37.33 2.16 0.00	30.04 1.70 0.00	34.28 1.70 0.00
ASTORIA_GT3_2 24099	22.72 1.26 0.00	21.79 1.05 0.00	19.80 0.92 0.00	18.75 0.85 0.00	18.77 0.84 0.00	21.59 1.01 0.00	27.62 1.40 0.00	28.83 1.61 0.00	30.99 1.87 0.00	28.99 1.79														

ASTORIA_GT_10 24110	22.73 1.28 0.00	21.80 1.06 0.00	19.81 0.93 0.00	18.74 0.84 0.00	18.77 0.84 0.00	21.60 1.01 0.00	27.69 1.47 0.00	28.89 1.67 0.00	31.05 1.93 0.00	29.08 1.87 0.00	27.49 1.73 -3.49	23.90 1.83 0.00	31.00 2.36 0.00	37.27 2.65 0.00	32.22 2.25 0.00	32.12 2.34 0.00	50.06 3.63 0.00	44.79 3.27 0.00	60.84 3.96 0.00	62.81 3.73 0.00	41.26 2.42 0.00	37.37 2.20 0.00	30.10 1.76 0.00	34.33 1.76 0.00
ASTORIA_GT_11 24225	22.73 1.28 0.00	21.80 1.06 0.00	19.81 0.93 0.00	18.74 0.84 0.00	18.77 0.84 0.00	21.60 1.01 0.00	27.69 1.47 0.00	28.89 1.67 0.00	31.05 1.93 0.00	29.08 1.87 0.00	27.49 1.73 -3.49	23.90 1.83 0.00	31.00 2.36 0.00	37.27 2.65 0.00	32.22 2.25 0.00	32.12 2.34 0.00	50.06 3.63 0.00	44.79 3.27 0.00	60.84 3.96 0.00	62.81 3.73 0.00	41.26 2.42 0.00	37.37 2.20 0.00	30.10 1.76 0.00	34.33 1.76 0.00
ASTORIA_GT_12 24226	22.73 1.28 0.00	21.80 1.06 0.00	19.81 0.93 0.00	18.74 0.84 0.00	18.77 0.84 0.00	21.60 1.01 0.00	27.69 1.47 0.00	28.89 1.67 0.00	31.05 1.93 0.00	29.08 1.87 0.00	27.49 1.73 -3.49	23.90 1.83 0.00	31.00 2.36 0.00	37.27 2.65 0.00	32.22 2.25 0.00	32.12 2.34 0.00	50.06 3.63 0.00	44.79 3.27 0.00	60.84 3.96 0.00	62.81 3.73 0.00	41.26 2.42 0.00	37.37 2.20 0.00	30.10 1.76 0.00	34.33 1.76 0.00
ASTORIA_GT_13 24227	22.73 1.28 0.00	21.80 1.06 0.00	19.81 0.93 0.00	18.74 0.84 0.00	18.77 0.84 0.00	21.60 1.01 0.00	27.69 1.47 0.00	28.89 1.67 0.00	31.05 1.93 0.00	29.08 1.87 0.00	27.49 1.73 -3.49	23.90 1.83 0.00	31.00 2.36 0.00	37.27 2.65 0.00	32.22 2.25 0.00	32.12 2.34 0.00	50.06 3.63 0.00	44.79 3.27 0.00	60.84 3.96 0.00	62.81 3.73 0.00	41.26 2.42 0.00	37.37 2.20 0.00	30.10 1.76 0.00	34.33 1.76 0.00
ASTORIA_GT_5 24106	22.76 1.31 0.00	21.83 1.09 0.00	19.84 0.96 0.00	18.78 0.89 0.00	18.81 0.88 0.00	21.63 1.04 0.00	27.67 1.45 0.00	28.88 1.67 0.00	31.06 1.94 0.00	29.06 1.85 0.00	27.45 1.68 -3.49	23.84 1.78 0.00	30.97 2.33 0.00	37.24 2.61 0.00	32.18 2.21 0.00	32.12 2.33 0.00	50.11 3.68 0.00	44.90 3.38 0.00	60.97 4.09 0.00	63.05 3.98 0.00	41.36 2.51 0.00	37.42 2.25 0.00	30.11 1.77 0.00	34.35 1.77 0.00
ASTORIA_GT_7 24107	22.76 1.31 0.00	21.83 1.09 0.00	19.84 0.96 0.00	18.78 0.89 0.00	18.81 0.88 0.00	21.63 1.04 0.00	27.67 1.45 0.00	28.88 1.67 0.00	31.06 1.94 0.00	29.06 1.85 0.00	27.45 1.68 -3.49	23.84 1.78 0.00	30.97 2.33 0.00	37.24 2.61 0.00	32.18 2.21 0.00	32.12 2.33 0.00	50.11 3.68 0.00	44.90 3.38 0.00	60.97 4.09 0.00	63.05 3.98 0.00	41.36 2.51 0.00	37.42 2.25 0.00	30.11 1.77 0.00	34.35 1.77 0.00
ASTORIA_GT_8 24108	22.76 1.31 0.00	21.83 1.09 0.00	19.84 0.96 0.00	18.78 0.88 0.00	18.80 0.86 0.00	21.63 1.04 0.00	27.67 1.45 0.00	28.88 1.67 0.00	31.06 1.94 0.00	29.06 1.85 0.00	27.45 1.69 -3.49	23.85 1.78 0.00	30.97 2.34 0.00	37.24 2.61 0.00	32.18 2.21 0.00	32.11 2.33 0.00	50.11 3.68 0.00	44.90 3.38 0.00	60.97 4.09 0.00	63.05 3.98 0.00	41.36 2.51 0.00	37.42 2.25 0.00	30.11 1.77 0.00	34.35 1.77 0.00
ASTORIA___2 24149	22.72 1.26 0.00	21.79 1.05 0.00	19.81 0.93 0.00	18.75 0.85 0.00	18.78 0.85 0.00	21.59 1.01 0.00	27.62 1.40 0.00	28.83 1.61 0.00	30.99 1.86 0.00	28.99 1.79 0.00	27.39 1.63 -3.49	23.79 1.73 0.00	30.90 2.26 0.00	37.15 2.52 0.00	32.10 2.14 0.00	32.04 2.26 0.00	49.98 3.55 0.00	44.79 3.27 0.00	60.83 3.95 0.00	62.90 3.83 0.00	41.27 2.42 0.00	37.33 2.16 0.00	30.04 1.70 0.00	34.27 1.70 0.00
ASTORIA___3 23516	22.73 1.27 0.00	21.80 1.06 0.00	19.81 0.93 0.00	18.74 0.85 0.00	18.78 0.84 0.00	21.60 1.01 0.00	27.69 1.47 0.00	28.89 1.67 0.00	31.05 1.93 0.00	29.08 1.87 0.00	27.49 1.73 -3.49	23.90 1.83 0.00	31.00 2.37 0.00	37.28 2.65 0.00	32.22 2.25 0.00	32.13 2.35 0.00	50.05 3.63 0.00	44.79 3.27 0.00	60.84 3.96 0.00	62.81 3.73 0.00	41.26 2.41 0.00	37.37 2.20 0.00	30.10 1.76 0.00	34.33 1.76 0.00
ASTORIA___4 23517	22.73 1.28 0.00	21.80 1.06 0.00	19.81 0.93 0.00	18.74 0.84 0.00	18.77 0.84 0.00	21.60 1.01 0.00	27.69 1.47 0.00	28.89 1.67 0.00	31.05 1.93 0.00	29.08 1.87 0.00	27.49 1.73 -3.49	23.90 1.83 0.00	31.00 2.36 0.00	37.27 2.64 0.00	32.22 2.25 0.00	32.12 2.34 0.00	50.05 3.62 0.00	44.79 3.27 0.00	60.84 3.96 0.00	62.81 3.73 0.00	41.26 2.41 0.00	37.37 2.20 0.00	30.10 1.76 0.00	34.33 1.76 0.00
ASTORIA___5 23518	22.73 1.27 0.00	21.80 1.06 0.00	19.81 0.93 0.00	18.74 0.85 0.00	18.78 0.84 0.00	21.60 1.01 0.00	27.69 1.47 0.00	28.89 1.67 0.00	31.05 1.93 0.00	29.08 1.87 0.00	27.49 1.73 -3.49	23.90 1.83 0.00	31.00 2.37 0.00	37.28 2.65 0.00	32.22 2.25 0.00	32.13 2.35 0.00	50.05 3.63 0.00	44.79 3.27 0.00	60.84 3.96 0.00	62.81 3.73 0.00	41.26 2.41 0.00	37.37 2.20 0.00	30.10 1.76 0.00	34.33 1.76 0.00
AST_ENERGY_2_CC3 323677	22.65 1.20 0.00	21.72 0.98 0.00	19.76 0.88 0.00	18.70 0.80 0.00	18.74 0.80 0.00	21.51 0.93 0.00	27.61 1.38 0.00	28.80 1.58 0.00	30.96 1.84 0.00	28.99 1.78 0.00	27.41 1.65 -3.49	23.81 1.75 0.00	30.92 2.28 0.00	37.19 2.57 0.00	32.15 2.18 0.00	32.07 2.28 0.00	50.04 3.62 0.00	44.79 3.27 0.00	60.88 4.00 0.00	62.78 3.70 0.00	41.21 2.36 0.00	37.28 2.11 0.00	30.03 1.69 0.00	34.30 1.72 0.00
AST_ENERGY_2_CC4 323678	22.65 1.20 0.00	21.72 0.98 0.00	19.76 0.88 0.00	18.70 0.80 0.00	18.74 0.80 0.00	21.51 0.93 0.00	27.61 1.38 0.00	28.80 1.58 0.00	30.96 1.84 0.00	28.99 1.78 0.00	27.41 1.65 -3.49	23.81 1.75 0.00	30.92 2.28 0.00	37.19 2.57 0.00	32.15 2.18 0.00	32.07 2.28 0.00	50.04 3.62 0.00	44.79 3.27 0.00	60.88 4.00 0.00	62.78 3.70 0.00	41.21 2.36 0.00	37.28 2.11 0.00	30.03 1.69 0.00	34.30 1.72 0.00
ATHENS_STG_1 23668	22.19 0.74 0.00	21.39 0.65 0.00	19.50 0.62 0.00	18.46 0.56 0.00	18.49 0.56 0.00	21.23 0.64 0.00	27.12 0.90 0.00	28.18 0.97 0.00	30.20 1.08 0.00	28.21 1.00 0.00	24.10 0.89 -0.94	23.01 0.95 0.00	29.92 1.28 0.00	36.08 1.45 0.00	31.17 1.20 0.00	31.02 1.24 0.00	48.34 1.92 0.00	43.25 1.73 0.00	59.02 2.15 0.00	61.20 2.13 0.00	40.29 1.45 0.00	36.43 1.26 0.00	29.38 1.04 0.00	33.65 1.07 0.00
ATHENS_STG_2 23670	22.19 0.74 0.00	21.39 0.65 0.00	19.50 0.62 0.00	18.46 0.56 0.00	18.49 0.56 0.00	21.23 0.64 0.00	27.12 0.90 0.00	28.18 0.97 0.00	30.20 1.08 0.00	28.21 1.00 0.00	24.10 0.89 -0.94	23.01 0.95 0.00	29.92 1.28 0.00	36.08 1.45 0.00	31.17 1.20 0.00	31.02 1.24 0.00	48.34 1.92 0.00	43.25 1.73 0.00	59.02 2.15 0.00	61.20 2.13 0.00	40.29 1.45 0.00	36.43 1.26 0.00	29.38 1.04 0.00	33.65 1.07 0.00

ATHENS_STG_3 23677	22.19 0.74 0.00	21.39 0.65 0.00	19.50 0.62 0.00	18.46 0.56 0.00	18.49 0.56 0.00	21.23 0.64 0.00	27.12 0.90 0.00	28.18 0.97 0.00	30.20 1.08 0.00	28.21 1.00 0.00	24.10 0.89 -0.94	23.01 0.95 0.00	29.92 1.28 0.00	36.08 1.45 0.00	31.17 1.20 0.00	31.02 1.24 0.00	48.34 1.92 0.00	43.25 1.73 0.00	59.02 2.15 0.00	61.20 2.13 0.00	40.29 1.45 0.00	36.43 1.26 0.00	29.38 1.04 0.00	33.65 1.07 0.00
AUBURN___LFGE 323710	21.69 0.23 0.00	20.92 0.18 0.00	19.11 0.23 0.00	18.00 0.10 0.00	18.11 0.18 0.00	20.77 0.19 0.00	26.54 0.32 0.00	27.60 0.38 0.00	29.51 0.39 0.00	27.54 0.34 0.00	22.56 0.29 0.00	22.33 0.27 0.00	29.53 0.39 -0.51	35.11 0.48 0.00	30.22 0.25 0.00	30.09 0.30 0.00	46.93 0.51 0.00	41.91 0.39 0.00	57.32 0.45 0.00	59.69 0.55 -0.06	39.22 0.37 0.00	35.65 0.49 0.00	28.70 0.36 0.00	32.98 0.40 0.00
BABYLON_RES_REC 323704	35.99 1.86 -12.67	22.33 1.59 0.00	20.35 1.47 0.00	19.16 1.27 0.00	19.27 1.34 0.00	22.12 1.54 0.00	28.31 2.09 0.00	29.46 2.25 0.00	31.88 2.76 -0.01	29.70 2.29 -0.21	36.12 2.20 -11.65	24.28 2.22 0.00	31.48 2.84 0.00	43.74 3.50 -5.62	33.75 2.94 -0.84	40.28 3.14 -7.35	51.28 4.86 0.00	58.31 4.50 -12.30	64.38 5.65 -1.85	64.58 5.50 0.00	43.27 3.56 -0.87	38.26 3.08 0.00	30.84 2.49 0.00	35.22 2.64 0.00
BABYLON__69_KV_BK2 356345	36.28 2.15 -12.67	22.59 1.85 0.00	20.56 1.68 0.00	19.37 1.47 0.00	19.48 1.55 0.00	22.38 1.79 0.00	28.63 2.41 0.00	29.78 2.57 0.00	32.26 3.14 0.00	30.07 2.66 -0.21	36.42 2.51 -11.64	24.61 2.55 0.00	31.90 3.26 0.00	44.28 4.04 -5.61	34.18 3.37 -0.84	40.67 3.54 -7.35	51.90 5.47 0.00	58.92 5.10 -12.30	65.17 6.45 -1.84	65.37 6.29 0.00	43.80 4.08 -0.87	38.74 3.57 0.00	31.21 2.87 0.00	35.68 3.10 0.00
BARON_WINDS___WT_PWR 323822	21.64 0.18 0.00	20.68 -0.06 0.00	18.74 -0.14 0.00	17.88 -0.02 0.00	17.90 -0.03 0.00	20.53 -0.06 0.00	26.20 -0.02 0.00	27.26 0.05 0.00	29.16 0.04 0.00	27.48 0.27 0.00	22.22 -0.05 0.00	21.84 -0.22 0.00	28.49 -0.26 -0.11	34.21 -0.42 0.00	29.56 -0.41 0.00	29.54 -0.25 0.00	46.58 0.15 0.00	41.40 -0.12 0.00	56.76 -0.11 0.00	59.13 0.04 -0.01	38.85 0.01 0.00	35.42 0.25 0.00	28.55 0.21 0.00	33.09 0.51 0.00
BARRETT_IC_1 23704	35.75 1.62 -12.67	22.11 1.37 0.00	20.09 1.21 0.00	18.96 1.07 0.00	19.05 1.12 0.00	21.88 1.30 0.00	28.04 1.82 0.00	29.22 2.00 0.00	31.54 2.42 -0.01	29.37 1.96 -0.21	35.77 1.85 -11.65	23.89 1.82 0.00	30.99 2.35 0.00	43.07 2.83 -5.62	33.19 2.38 -0.84	39.63 2.50 -7.35	50.19 3.77 0.00	57.27 3.45 -12.30	63.00 4.28 -1.84	63.29 4.21 0.00	42.55 2.84 -0.87	37.75 2.57 -0.01	30.52 2.17 -0.01	34.88 2.30 -0.01
BARRETT_IC_10 23701	35.75 1.62 -12.67	22.11 1.37 0.00	20.09 1.21 0.00	18.96 1.07 0.00	19.05 1.12 0.00	21.88 1.30 0.00	28.04 1.82 0.00	29.22 2.00 0.00	31.54 2.42 -0.01	29.37 1.96 -0.21	35.77 1.85 -11.65	23.89 1.82 0.00	30.99 2.35 0.00	43.07 2.83 -5.62	33.19 2.38 -0.84	39.63 2.50 -7.35	50.19 3.77 0.00	57.27 3.45 -12.30	63.00 4.28 -1.84	63.29 4.21 0.00	42.55 2.84 -0.87	37.75 2.57 -0.01	30.52 2.17 -0.01	34.88 2.30 -0.01
BARRETT_IC_11 23702	35.75 1.62 -12.67	22.11 1.37 0.00	20.09 1.21 0.00	18.96 1.07 0.00	19.05 1.12 0.00	21.88 1.30 0.00	28.04 1.82 0.00	29.22 2.00 0.00	31.54 2.42 -0.01	29.37 1.96 -0.21	35.77 1.85 -11.65	23.89 1.82 0.00	30.99 2.35 0.00	43.07 2.83 -5.62	33.19 2.38 -0.84	39.63 2.50 -7.35	50.19 3.77 0.00	57.27 3.45 -12.30	63.00 4.28 -1.84	63.29 4.21 0.00	42.55 2.84 -0.87	37.75 2.57 -0.01	30.52 2.17 -0.01	34.88 2.30 -0.01
BARRETT_IC_12 23703	35.75 1.62 -12.67	22.11 1.37 0.00	20.09 1.21 0.00	18.96 1.07 0.00	19.05 1.12 0.00	21.88 1.30 0.00	28.04 1.82 0.00	29.22 2.00 0.00	31.54 2.42 -0.01	29.37 1.96 -0.21	35.77 1.85 -11.65	23.89 1.82 0.00	30.99 2.35 0.00	43.07 2.83 -5.62	33.19 2.38 -0.84	39.63 2.50 -7.35	50.19 3.77 0.00	57.27 3.45 -12.30	63.00 4.28 -1.84	63.29 4.21 0.00	42.55 2.84 -0.87	37.75 2.57 -0.01	30.52 2.17 -0.01	34.88 2.30 -0.01
BARRETT_IC_2 23705	35.75 1.62 -12.67	22.11 1.37 0.00	20.09 1.21 0.00	18.96 1.07 0.00	19.05 1.12 0.00	21.88 1.30 0.00	28.04 1.82 0.00	29.22 2.00 0.00	31.54 2.42 -0.01	29.37 1.96 -0.21	35.77 1.85 -11.65	23.89 1.82 0.00	30.99 2.35 0.00	43.07 2.83 -5.62	33.19 2.38 -0.84	39.63 2.50 -7.35	50.19 3.77 0.00	57.27 3.45 -12.30	63.00 4.28 -1.84	63.29 4.21 0.00	42.55 2.84 -0.87	37.75 2.57 -0.01	30.52 2.17 -0.01	34.88 2.30 -0.01
BARRETT_IC_3 23706	35.75 1.62 -12.67	22.11 1.37 0.00	20.09 1.21 0.00	18.96 1.07 0.00	19.05 1.12 0.00	21.88 1.30 0.00	28.04 1.82 0.00	29.22 2.00 0.00	31.54 2.42 -0.01	29.37 1.96 -0.21	35.77 1.85 -11.65	23.89 1.82 0.00	30.99 2.35 0.00	43.07 2.83 -5.62	33.19 2.38 -0.84	39.63 2.50 -7.35	50.19 3.77 0.00	57.27 3.45 -12.30	63.00 4.28 -1.84	63.29 4.21 0.00	42.55 2.84 -0.87	37.75 2.57 -0.01	30.52 2.17 -0.01	34.88 2.30 -0.01
BARRETT_IC_4 23707	35.75 1.62 -12.67	22.11 1.37 0.00	20.09 1.21 0.00	18.96 1.07 0.00	19.05 1.12 0.00	21.88 1.30 0.00	28.04 1.82 0.00	29.22 2.00 0.00	31.54 2.42 -0.01	29.37 1.96 -0.21	35.77 1.85 -11.65	23.89 1.82 0.00	30.99 2.35 0.00	43.07 2.83 -5.62	33.19 2.38 -0.84	39.63 2.50 -7.35	50.19 3.77 0.00	57.27 3.45 -12.30	63.00 4.28 -1.84	63.29 4.21 0.00	42.55 2.84 -0.87	37.75 2.57 -0.01	30.52 2.17 -0.01	34.88 2.30 -0.01
BARRETT_IC_5 23708	35.75 1.62 -12.67	22.11 1.37 0.00	20.09 1.21 0.00	18.96 1.07 0.00	19.05 1.12 0.00	21.88 1.30 0.00	28.04 1.82 0.00	29.22 2.00 0.00	31.54 2.42 -0.01	29.37 1.96 -0.21	35.77 1.85 -11.65	23.89 1.82 0.00	30.99 2.35 0.00	43.07 2.83 -5.62	33.19 2.38 -0.84	39.63 2.50 -7.35	50.19 3.77 0.00	57.27 3.45 -12.30	63.00 4.28 -1.84	63.29 4.21 0.00	42.55 2.84 -0.87	37.75 2.57 -0.01	30.52 2.17 -0.01	34.88 2.30 -0.01
BARRETT_IC_6 23709	35.75 1.62 -12.67	22.11 1.37 0.00	20.09 1.21 0.00	18.96 1.07 0.00	19.05 1.12 0.00	21.88 1.30 0.00	28.04 1.82 0.00	29.22 2.00 0.00	31.54 2.42 -0.01	29.37 1.96 -0.21	35.77 1.85 -11.65	23.89 1.82 0.00	30.99 2.35 0.00	43.07 2.83 -5.62	33.19 2.38 -0.84	39.63 2.50 -7.35	50.19 3.77 0.00	57.27 3.45 -12.30	63.00 4.28 -1.84	63.29 4.21 0.00	42.55 2.84 -0.87	37.75 2.57 -0.01	30.52 2.17 -0.01	34.88 2.30 -0.01
BARRETT_IC_7 23710	35.75 1.62 -12.67	22.11 1.37 0.00	20.08 1.20 0.00	18.95 1.06 0.00	19.04 1.11 0.00	21.88 1.29 0.00	28.04 1.82 0.00	29.22 2.00 0.00	31.54 2.42 0.00	29.37 1.96 -0.21	35.77 1.85 -11.64	23.89 1.82 0.00	30.99 2.35 0.00	43.07 2.83 -5.61	33.19 2.38 -0.84	39.63 2.50 -7.35	50.20 3.77 0.00	57.27 3.45 -12.30	62.99 4.28 -1.84	63.29 4.21 0.00	42.55 2.84 -0.87	37.74 2.57 0.00	30.51 2.17 0.00	34.88 2.30 0.00

BARRETT_IC_8 23711	35.75 1.62 -12.67	22.11 1.37 0.00	20.09 1.21 0.00	18.96 1.07 0.00	19.05 1.12 0.00	21.88 1.30 0.00	28.04 1.82 0.00	29.22 2.00 0.00	31.54 2.42 -0.01	29.37 1.96 -0.21	35.77 1.85 -11.65	23.89 1.82 0.00	30.99 2.35 0.00	43.07 2.83 -5.62	33.19 2.38 -0.84	39.63 2.50 -7.35	50.19 3.77 0.00	57.27 3.45 -12.30	63.00 4.28 -1.84	63.29 4.21 0.00	42.55 2.84 -0.87	37.75 2.57 -0.01	30.52 2.17 -0.01	34.88 2.30 -0.01
BARRETT_IC_9 23700	35.75 1.62 -12.67	22.11 1.37 0.00	20.09 1.21 0.00	18.96 1.07 0.00	19.05 1.12 0.00	21.88 1.30 0.00	28.04 1.82 0.00	29.22 2.00 0.00	31.54 2.42 -0.01	29.37 1.96 -0.21	35.77 1.85 -11.65	23.89 1.82 0.00	30.99 2.35 0.00	43.07 2.83 -5.62	33.19 2.38 -0.84	39.63 2.50 -7.35	50.19 3.77 0.00	57.27 3.45 -12.30	63.00 4.28 -1.84	63.29 4.21 0.00	42.55 2.84 -0.87	37.75 2.57 -0.01	30.52 2.17 -0.01	34.88 2.30 -0.01
BARRETT___1 23545	35.75 1.62 -12.67	22.11 1.37 0.00	20.09 1.21 0.00	18.96 1.07 0.00	19.05 1.12 0.00	21.88 1.30 0.00	28.04 1.82 0.00	29.22 2.00 0.00	31.54 2.42 -0.01	29.37 1.96 -0.21	35.77 1.85 -11.65	23.89 1.82 0.00	30.99 2.35 0.00	43.07 2.83 -5.62	33.19 2.38 -0.84	39.63 2.50 -7.35	50.19 3.77 0.00	57.27 3.45 -12.30	63.00 4.28 -1.84	63.29 4.21 0.00	42.55 2.84 -0.87	37.75 2.57 -0.01	30.52 2.17 -0.01	34.88 2.30 -0.01
BARRETT___2 23546	35.75 1.62 -12.67	22.11 1.37 0.00	20.09 1.21 0.00	18.96 1.07 0.00	19.05 1.12 0.00	21.88 1.30 0.00	28.04 1.82 0.00	29.22 2.00 0.00	31.54 2.42 -0.01	29.37 1.96 -0.21	35.77 1.85 -11.65	23.89 1.82 0.00	30.99 2.35 0.00	43.07 2.83 -5.62	33.19 2.38 -0.84	39.63 2.50 -7.35	50.19 3.77 0.00	57.27 3.45 -12.30	63.00 4.28 -1.84	63.29 4.21 0.00	42.55 2.84 -0.87	37.75 2.57 -0.01	30.52 2.17 -0.01	34.88 2.30 -0.01
BATAVIA___115KV_TB1 55881	22.10 0.65 0.00	21.17 0.43 0.00	19.22 0.34 0.00	18.21 0.32 0.00	18.16 0.23 0.00	20.83 0.24 0.00	26.77 0.55 0.00	27.87 0.66 0.00	29.76 0.64 0.00	28.00 0.80 0.00	22.84 0.57 0.00	22.41 0.35 0.00	29.08 0.44 0.00	34.86 0.23 0.00	30.07 0.11 0.00	29.78 0.00 0.00	47.03 0.61 0.00	41.55 0.03 0.00	57.06 0.19 0.00	59.56 0.48 0.00	39.23 0.38 0.00	35.74 0.57 0.00	28.88 0.54 0.00	33.54 0.97 0.00
BAYONEEC___CTG1 323682	22.68 1.22 0.00	21.75 1.01 0.00	19.77 0.89 0.00	18.71 0.81 0.00	18.74 0.81 0.00	21.54 0.95 0.00	27.64 1.42 0.00	28.82 1.61 0.00	30.99 1.86 0.00	29.02 1.81 0.00	27.44 1.67 -3.49	23.85 1.79 0.00	30.95 2.32 0.00	37.22 2.59 0.00	32.16 2.19 0.00	32.09 2.30 0.00	50.08 3.65 0.00	44.82 3.30 0.00	60.89 4.01 0.00	62.81 3.73 0.00	41.22 2.37 0.00	37.32 2.15 0.00	30.06 1.72 0.00	34.33 1.75 0.00
BAYONEEC___CTG10 323750	22.68 1.22 0.00	21.75 1.01 0.00	19.77 0.89 0.00	18.71 0.81 0.00	18.74 0.81 0.00	21.54 0.95 0.00	27.64 1.42 0.00	28.82 1.61 0.00	30.99 1.86 0.00	29.02 1.81 0.00	27.44 1.67 -3.49	23.85 1.79 0.00	30.95 2.32 0.00	37.22 2.59 0.00	32.16 2.19 0.00	32.09 2.30 0.00	50.08 3.65 0.00	44.82 3.30 0.00	60.89 4.01 0.00	62.81 3.73 0.00	41.22 2.37 0.00	37.32 2.15 0.00	30.06 1.72 0.00	34.33 1.75 0.00
BAYONEEC___CTG2 323683	22.68 1.22 0.00	21.75 1.01 0.00	19.77 0.89 0.00	18.71 0.81 0.00	18.74 0.81 0.00	21.54 0.95 0.00	27.64 1.42 0.00	28.82 1.61 0.00	30.99 1.86 0.00	29.02 1.81 0.00	27.44 1.67 -3.49	23.85 1.79 0.00	30.95 2.32 0.00	37.22 2.59 0.00	32.16 2.19 0.00	32.09 2.30 0.00	50.08 3.65 0.00	44.82 3.30 0.00	60.89 4.01 0.00	62.81 3.73 0.00	41.22 2.37 0.00	37.32 2.15 0.00	30.06 1.72 0.00	34.33 1.75 0.00
BAYONEEC___CTG3 323684	22.68 1.22 0.00	21.75 1.01 0.00	19.77 0.89 0.00	18.71 0.81 0.00	18.74 0.81 0.00	21.54 0.95 0.00	27.64 1.42 0.00	28.82 1.61 0.00	30.99 1.86 0.00	29.02 1.81 0.00	27.44 1.67 -3.49	23.85 1.79 0.00	30.95 2.32 0.00	37.22 2.59 0.00	32.16 2.19 0.00	32.09 2.30 0.00	50.08 3.65 0.00	44.82 3.30 0.00	60.89 4.01 0.00	62.81 3.73 0.00	41.22 2.37 0.00	37.32 2.15 0.00	30.06 1.72 0.00	34.33 1.75 0.00
BAYONEEC___CTG4 323685	22.68 1.22 0.00	21.75 1.01 0.00	19.77 0.89 0.00	18.71 0.81 0.00	18.74 0.81 0.00	21.54 0.95 0.00	27.64 1.42 0.00	28.82 1.61 0.00	30.99 1.86 0.00	29.02 1.81 0.00	27.44 1.67 -3.49	23.85 1.79 0.00	30.95 2.32 0.00	37.22 2.59 0.00	32.16 2.19 0.00	32.09 2.30 0.00	50.08 3.65 0.00	44.82 3.30 0.00	60.89 4.01 0.00	62.81 3.73 0.00	41.22 2.37 0.00	37.32 2.15 0.00	30.06 1.72 0.00	34.33 1.75 0.00
BAYONEEC___CTG5 323686	22.68 1.22 0.00	21.75 1.01 0.00	19.77 0.89 0.00	18.71 0.81 0.00	18.74 0.81 0.00	21.54 0.95 0.00	27.64 1.42 0.00	28.82 1.61 0.00	30.99 1.86 0.00	29.02 1.81 0.00	27.44 1.67 -3.49	23.85 1.79 0.00	30.95 2.32 0.00	37.22 2.59 0.00	32.16 2.19 0.00	32.09 2.30 0.00	50.08 3.65 0.00	44.82 3.30 0.00	60.89 4.01 0.00	62.81 3.73 0.00	41.22 2.37 0.00	37.32 2.15 0.00	30.06 1.72 0.00	34.33 1.75 0.00
BAYONEEC___CTG6 323687	22.68 1.22 0.00	21.75 1.01 0.00	19.77 0.89 0.00	18.71 0.81 0.00	18.74 0.81 0.00	21.54 0.95 0.00	27.64 1.42 0.00	28.82 1.61 0.00	30.99 1.86 0.00	29.02 1.81 0.00	27.44 1.67 -3.49	23.85 1.79 0.00	30.95 2.32 0.00	37.22 2.59 0.00	32.16 2.19 0.00	32.09 2.30 0.00	50.08 3.65 0.00	44.82 3.30 0.00	60.89 4.01 0.00	62.81 3.73 0.00	41.22 2.37 0.00	37.32 2.15 0.00	30.06 1.72 0.00	34.33 1.75 0.00
BAYONEEC___CTG7 323688	22.68 1.22 0.00	21.75 1.01 0.00	19.77 0.89 0.00	18.71 0.81 0.00	18.74 0.81 0.00	21.54 0.95 0.00	27.64 1.42 0.00	28.82 1.61 0.00	30.99 1.86 0.00	29.02 1.81 0.00	27.44 1.67 -3.49	23.85 1.79 0.00	30.95 2.32 0.00	37.22 2.59 0.00	32.16 2.19 0.00	32.09 2.30 0.00	50.08 3.65 0.00	44.82 3.30 0.00	60.89 4.01 0.00	62.81 3.73 0.00	41.22 2.37 0.00	37.32 2.15 0.00	30.06 1.72 0.00	34.33 1.75 0.00
BAYONEEC___CTG8 323689	22.68 1.22 0.00	21.75 1.01 0.00	19.77 0.89 0.00	18.71 0.81 0.00	18.74 0.81 0.00	21.54 0.95 0.00	27.64 1.42 0.00	28.82 1.61 0.00	30.99 1.86 0.00	29.02 1.81 0.00	27.44 1.67 -3.49	23.85 1.79 0.00	30.95 2.32 0.00	37.22 2.59 0.00	32.16 2.19 0.00	32.09 2.30 0.00	50.08 3.65 0.00	44.82 3.30 0.00	60.89 4.01 0.00	62.81 3.73 0.00	41.22 2.37 0.00	37.32 2.15 0.00	30.06 1.72 0.00	34.33 1.75 0.00
BAYONEEC___CTG9 323749	22.68 1.22 0.00	21.75 1.01 0.00	19.77 0.89 0.00	18.71 0.81 0.00	18.74 0.81 0.00	21.54 0.95 0.00	27.64 1.42 0.00	28.82 1.61 0.00	30.99 1.86 0.00	29.02 1.81 0.00	27.44 1.67 -3.49	23.85 1.79 0.00	30.95 2.32 0.00	37.22 2.59 0.00	32.16 2.19 0.00	32.09 2.30 0.00	50.08 3.65 0.00	44.82 3.30 0.00	60.89 4.01 0.00	62.81 3.73 0.00	41.22 2.37 0.00	37.32 2.15 0.00	30.06 1.72 0.00	34.33 1.75 0.00

BEACON___LESR 323632	22.06 0.61 0.00	21.31 0.57 0.00	19.39 0.51 0.00	18.35 0.45 0.00	18.43 0.49 0.00	21.15 0.57 0.00	27.11 0.89 0.00	28.08 0.87 0.00	29.96 0.84 0.00	27.96 0.75 0.00	23.74 0.67 -0.79	22.82 0.76 0.00	29.78 1.14 0.00	36.01 1.38 0.00	31.01 1.05 0.00	30.86 1.08 0.00	48.17 1.74 0.00	43.12 1.60 0.00	58.88 2.00 0.00	61.23 2.16 0.00	40.33 1.49 0.00	36.29 1.12 0.00	29.27 0.94 0.00	33.59 1.02 0.00
BEAVER RIVER___HYD 24048	21.32 -0.13 0.00	20.50 -0.24 0.00	18.41 -0.47 0.00	17.64 -0.26 0.00	17.77 -0.16 0.00	20.54 -0.05 0.00	26.49 0.27 0.00	27.51 0.30 0.00	29.37 0.25 0.00	27.47 0.26 0.00	22.37 0.09 0.00	22.11 0.05 0.00	28.83 -0.08 -0.28	34.69 0.06 0.00	30.07 0.11 0.00	29.75 -0.03 0.00	46.19 -0.24 0.00	41.27 -0.25 0.00	56.95 0.08 0.00	60.00 0.89 -0.03	39.69 0.84 0.00	35.97 0.80 0.00	28.96 0.62 0.00	33.31 0.73 0.00
BEEBEE_GT_13 23619	21.73 0.28 0.00	20.87 0.13 0.00	18.97 0.09 0.00	17.97 0.07 0.00	17.95 0.02 0.00	20.58 -0.01 0.00	26.32 0.10 0.00	27.41 0.19 0.00	29.31 0.19 0.00	27.56 0.35 0.00	22.51 0.24 0.00	22.18 0.11 0.00	28.75 0.11 0.00	34.53 -0.10 0.00	29.83 -0.14 0.00	29.62 -0.16 0.00	46.18 -0.25 0.00	41.34 -0.18 0.00	56.75 -0.12 0.00	59.01 -0.07 0.00	38.80 -0.05 0.00	35.25 0.08 0.00	28.44 0.10 0.00	32.92 0.34 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.97 1.52 0.00	22.02 1.28 0.00	20.00 1.12 0.00	18.92 1.02 0.00	18.94 1.01 0.00	21.79 1.21 0.00	27.96 1.74 0.00	29.16 1.94 0.00	31.31 2.19 0.00	29.36 2.15 0.00	27.72 1.96 -3.49	24.14 2.08 0.00	31.34 2.70 0.00	37.72 3.09 0.00	32.58 2.61 0.00	32.50 2.72 0.00	50.67 4.25 0.00	45.35 3.83 0.00	61.57 4.70 0.00	63.57 4.49 0.00	41.74 2.90 0.00	37.83 2.66 0.00	30.50 2.16 0.00	34.72 2.14 0.00
BETHLEHEM___GRP 23843	21.76 0.31 0.00	21.04 0.31 0.00	19.18 0.30 0.00	18.16 0.26 0.00	18.20 0.27 0.00	20.90 0.31 0.00	26.65 0.43 0.00	27.62 0.41 0.00	29.56 0.44 0.00	27.58 0.37 0.00	23.40 0.34 -0.79	22.48 0.41 0.00	29.25 0.61 0.00	35.34 0.71 0.00	30.52 0.56 0.00	30.29 0.50 0.00	47.22 0.79 0.00	42.29 0.78 0.00	57.85 0.97 0.00	60.14 1.06 0.00	39.64 0.79 0.00	35.75 0.58 0.00	28.83 0.49 0.00	33.01 0.43 0.00
BETHLEHEM___GS1 323560	21.76 0.30 0.00	21.04 0.31 0.00	19.19 0.31 0.00	18.17 0.27 0.00	18.20 0.27 0.00	20.90 0.32 0.00	26.65 0.43 0.00	27.62 0.41 0.00	29.56 0.44 0.00	27.58 0.37 0.00	23.40 0.34 -0.79	22.48 0.41 0.00	29.25 0.61 0.00	35.34 0.71 0.00	30.52 0.56 0.00	30.29 0.51 0.00	47.22 0.79 0.00	42.29 0.78 0.00	57.84 0.97 0.00	60.13 1.06 0.00	39.64 0.79 0.00	35.75 0.58 0.00	28.83 0.49 0.00	33.01 0.43 0.00
BETHLEHEM___GS2 323561	21.76 0.30 0.00	21.04 0.31 0.00	19.19 0.31 0.00	18.17 0.27 0.00	18.20 0.27 0.00	20.90 0.32 0.00	26.65 0.43 0.00	27.62 0.41 0.00	29.56 0.44 0.00	27.58 0.37 0.00	23.40 0.34 -0.79	22.48 0.41 0.00	29.25 0.61 0.00	35.34 0.71 0.00	30.52 0.56 0.00	30.29 0.51 0.00	47.22 0.79 0.00	42.29 0.78 0.00	57.84 0.97 0.00	60.13 1.06 0.00	39.64 0.79 0.00	35.75 0.58 0.00	28.83 0.49 0.00	33.01 0.43 0.00
BETHLEHEM___GS3 323562	21.76 0.30 0.00	21.04 0.31 0.00	19.19 0.31 0.00	18.17 0.27 0.00	18.20 0.27 0.00	20.90 0.32 0.00	26.65 0.43 0.00	27.62 0.41 0.00	29.56 0.44 0.00	27.58 0.37 0.00	23.40 0.34 -0.79	22.48 0.41 0.00	29.25 0.61 0.00	35.34 0.71 0.00	30.52 0.56 0.00	30.29 0.51 0.00	47.22 0.79 0.00	42.29 0.78 0.00	57.84 0.97 0.00	60.13 1.06 0.00	39.64 0.79 0.00	35.75 0.58 0.00	28.83 0.49 0.00	33.01 0.43 0.00
BETHLEHEM___STEEL 23779	21.78 0.33 0.00	20.86 0.12 0.00	18.93 0.05 0.00	17.96 0.06 0.00	17.91 -0.03 0.00	20.50 -0.09 0.00	26.31 0.09 0.00	27.42 0.21 0.00	29.28 0.17 0.00	27.66 0.46 0.00	22.48 0.21 0.00	22.09 0.03 0.00	28.64 0.01 0.00	34.29 -0.34 0.00	29.58 -0.39 0.00	29.36 -0.42 0.00	45.99 -0.43 0.00	40.93 -0.59 0.00	56.15 -0.73 0.00	58.38 -0.70 0.00	38.39 -0.46 0.00	35.04 -0.14 0.00	28.37 0.02 0.00	33.06 0.48 0.00
BETHLHEM_115KV_TB1 79974	21.83 0.37 0.00	21.10 0.36 0.00	19.24 0.36 0.00	18.21 0.31 0.00	18.25 0.32 0.00	20.95 0.37 0.00	26.73 0.51 0.00	27.70 0.49 0.00	29.66 0.54 0.00	27.67 0.46 0.00	23.47 0.41 -0.79	22.54 0.48 0.00	29.34 0.70 0.00	35.44 0.81 0.00	30.62 0.65 0.00	30.39 0.60 0.00	47.36 0.93 0.00	42.41 0.90 0.00	58.01 1.13 0.00	60.29 1.21 0.00	39.74 0.90 0.00	35.86 0.69 0.00	28.91 0.57 0.00	33.11 0.53 0.00
BETHPAGE_CC_5 323564	35.86 1.73 -12.67	22.21 1.47 0.00	20.21 1.33 0.00	19.05 1.16 0.00	19.15 1.22 0.00	21.99 1.40 0.00	28.17 1.95 0.00	29.34 2.13 0.00	31.72 2.60 -0.01	29.61 2.19 -0.21	36.04 2.12 -11.65	24.22 2.16 0.00	31.41 2.78 0.00	43.62 3.38 -5.62	33.66 2.85 -0.84	40.14 3.00 -7.35	51.08 4.66 0.00	58.09 4.27 -12.30	64.02 5.30 -1.85	64.18 5.10 0.00	43.02 3.31 -0.87	38.05 2.88 0.00	30.66 2.32 0.00	35.01 2.44 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.82 0.36 0.00	20.89 0.15 0.00	18.96 0.08 0.00	17.99 0.10 0.00	17.94 0.01 0.00	20.54 -0.05 0.00	26.36 0.14 0.00	27.47 0.26 0.00	29.36 0.24 0.00	27.75 0.54 0.00	22.54 0.27 0.00	22.16 0.09 0.00	28.72 0.08 0.00	34.40 -0.23 0.00	29.67 -0.30 0.00	29.47 -0.31 0.00	46.17 -0.26 0.00	41.08 -0.44 0.00	56.35 -0.53 0.00	58.58 -0.50 0.00	38.52 -0.33 0.00	35.15 -0.02 0.00	28.45 0.11 0.00	33.14 0.57 0.00
BINGHAMTON___COGEN 23790	21.69 0.23 0.00	20.82 0.08 0.00	18.90 0.03 0.00	17.95 0.05 0.00	17.98 0.05 0.00	20.64 0.05 0.00	26.42 0.20 0.00	27.54 0.33 0.00	29.42 0.30 0.00	27.57 0.36 0.00	22.53 0.25 0.00	22.24 0.17 0.00	29.13 0.28 -0.21	34.90 0.27 0.00	30.21 0.24 0.00	30.02 0.23 0.00	46.93 0.50 0.00	41.88 0.36 0.00	57.21 0.33 0.00	59.51 0.41 -0.03	39.08 0.23 0.00	35.50 0.33 0.00	28.58 0.24 0.00	32.94 0.36 0.00
BIXINCNT_115KV_LOAD 355685	21.71 0.26 0.00	20.84 0.10 0.00	18.96 0.08 0.00	18.03 0.13 0.00	17.95 0.02 0.00	20.61 0.02 0.00	26.50 0.28 0.00	27.62 0.40 0.00	29.53 0.41 0.00	27.91 0.70 0.00	22.46 0.18 0.00	22.04 -0.03 0.00	28.61 -0.02 0.00	34.31 -0.31 0.00	29.55 -0.42 0.00	29.57 -0.21 0.00	46.55 0.12 0.00	41.54 0.02 0.00	56.84 -0.04 0.00	58.98 -0.10 0.00	38.75 -0.09 0.00	35.41 0.24 0.00	28.61 0.28 0.00	33.38 0.80 0.00
BLACK RIVER___HYD 24047	21.41 -0.05 0.00	20.54 -0.20 0.00	18.40 -0.48 0.00	17.68 -0.22 0.00	17.86 -0.07 0.00	20.64 0.05 0.00	26.69 0.47 0.00	27.76 0.54 0.00	29.66 0.54 0.00	27.72 0.51 0.00	22.55 0.27 0.00	22.28 0.22 0.00	29.13 0.03 -0.46	34.87 0.24 0.00	30.18 0.21 0.00	29.78 -0.01 0.00	46.13 -0.30 0.00	41.25 -0.27 0.00	57.02 0.15 0.00	60.47 1.34 -0.05	40.06 1.21 0.00	36.34 1.17 0.00	29.20 0.86 0.00	33.53 0.96 0.00

BLACKRVR_115KV_TB2 79977	21.41 -0.05 0.00	20.54 -0.20 0.00	18.39 -0.49 0.00	17.68 -0.22 0.00	17.85 -0.08 0.00	20.64 0.05 0.00	26.69 0.47 0.00	27.76 0.54 0.00	29.65 0.53 0.00	27.72 0.51 0.00	22.55 0.28 0.00	22.28 0.22 0.00	29.13 0.03 -0.46	34.87 0.24 0.00	30.18 0.21 0.00	29.78 0.00 0.00	46.13 -0.30 0.00	41.24 -0.27 0.00	57.02 0.14 0.00	60.47 1.34 -0.05	40.06 1.21 0.00	36.34 1.17 0.00	29.20 0.86 0.00	33.53 0.96 0.00
BLISS_WT_PWR 323608	21.67 0.22 0.00	20.80 0.06 0.00	18.93 0.05 0.00	18.02 0.12 0.00	17.92 -0.01 0.00	20.60 0.02 0.00	26.48 0.26 0.00	27.58 0.36 0.00	29.50 0.38 0.00	27.88 0.68 0.00	22.38 0.11 0.00	21.97 -0.09 0.00	28.53 -0.11 0.00	34.21 -0.41 0.00	29.46 -0.50 0.00	29.51 -0.27 0.00	46.54 0.11 0.00	41.55 0.03 0.00	56.85 -0.03 0.00	58.98 -0.10 0.00	38.76 -0.09 0.00	35.42 0.25 0.00	28.62 0.28 0.00	33.38 0.81 0.00
BLUE_CIRC_CHEM_DRP 24182	22.10 0.65 0.00	21.38 0.64 0.00	19.51 0.63 0.00	18.47 0.57 0.00	18.52 0.58 0.00	21.25 0.67 0.00	27.10 0.88 0.00	28.08 0.86 0.00	30.03 0.91 0.00	27.99 0.78 0.00	23.66 0.65 -0.73	22.75 0.69 0.00	29.62 0.98 0.00	35.78 1.15 0.00	30.96 0.99 0.00	30.69 0.90 0.00	47.87 1.44 0.00	42.86 1.34 0.00	58.63 1.75 0.00	60.99 1.91 0.00	40.22 1.37 0.00	36.30 1.13 0.00	29.27 0.93 0.00	33.54 0.97 0.00
BOC_GAS_DRP 24189	21.99 0.54 0.00	21.24 0.50 0.00	19.36 0.48 0.00	18.33 0.43 0.00	18.37 0.44 0.00	21.09 0.50 0.00	26.91 0.69 0.00	27.92 0.71 0.00	29.89 0.77 0.00	27.89 0.68 0.00	23.64 0.60 -0.78	22.72 0.65 0.00	29.54 0.90 0.00	35.67 1.04 0.00	30.82 0.85 0.00	30.61 0.82 0.00	47.70 1.27 0.00	42.69 1.18 0.00	58.35 1.47 0.00	60.63 1.55 0.00	39.94 1.09 0.00	36.08 0.91 0.00	29.10 0.76 0.00	33.34 0.76 0.00
BOONVILLE_115KV_TB1 79983	21.69 0.23 0.00	20.87 0.14 0.00	18.86 -0.03 0.00	17.97 0.07 0.00	18.04 0.11 0.00	20.82 0.23 0.00	26.73 0.51 0.00	27.81 0.60 0.00	29.74 0.61 0.00	27.81 0.60 0.00	22.70 0.43 0.00	22.48 0.41 0.00	29.25 0.48 -0.13	35.24 0.61 0.00	30.50 0.54 0.00	30.30 0.51 0.00	47.21 0.78 0.00	42.18 0.66 0.00	58.02 1.14 -0.02	60.68 1.59 0.00	40.01 1.17 0.00	36.24 1.08 0.00	29.15 0.81 0.00	33.46 0.88 0.00
BORALEX_4TH_BRANCH 23824	22.58 1.12 0.00	21.97 1.24 0.00	20.10 1.23 0.00	19.03 1.14 0.00	19.06 1.13 0.00	21.85 1.26 0.00	27.68 1.46 0.00	28.46 1.24 0.00	30.36 1.24 0.00	28.23 1.02 0.00	23.90 0.78 -0.86	22.88 0.82 0.00	29.81 1.17 0.00	36.09 1.46 0.00	31.09 1.12 0.00	30.80 1.02 0.00	47.91 1.49 0.00	43.07 1.55 0.00	59.32 2.45 0.00	62.18 3.10 0.00	41.12 2.27 0.00	36.99 1.82 0.00	29.88 1.55 0.00	34.26 1.68 0.00
BOWLINE___1 23526	22.49 1.04 0.00	21.59 0.85 0.00	19.61 0.73 0.00	18.55 0.66 0.00	18.59 0.66 0.00	21.38 0.80 0.00	27.43 1.21 0.00	28.57 1.35 0.00	30.68 1.56 0.00	28.69 1.48 0.00	18.66 1.37 4.98	23.53 1.47 0.00	30.58 1.95 0.00	36.87 2.24 0.00	31.86 1.89 0.00	31.79 2.00 0.00	49.67 3.24 0.00	44.46 2.95 0.00	60.48 3.60 0.00	62.41 3.33 0.00	40.94 2.09 0.00	37.00 1.83 0.00	29.78 1.44 0.00	34.09 1.51 0.00
BOWLINE___2 23595	22.48 1.03 0.00	21.58 0.84 0.00	19.61 0.73 0.00	18.55 0.65 0.00	18.59 0.66 0.00	21.39 0.80 0.00	27.43 1.21 0.00	28.57 1.35 0.00	30.68 1.56 0.00	28.69 1.48 0.00	18.65 1.37 4.98	23.53 1.47 0.00	30.58 1.95 0.00	36.87 2.24 0.00	31.86 1.89 0.00	31.79 2.00 0.00	49.67 3.24 0.00	44.46 2.95 0.00	60.48 3.60 0.00	62.41 3.34 0.00	40.94 2.10 0.00	37.00 1.83 0.00	29.78 1.44 0.00	34.09 1.51 0.00
BRADY___115KV_TB2 356060	21.52 0.07 0.00	20.88 0.14 0.00	19.02 0.14 0.00	18.09 0.19 0.00	18.11 0.17 0.00	20.80 0.21 0.00	26.43 0.21 0.00	27.22 0.00 0.00	29.06 -0.06 0.00	27.12 -0.09 0.00	22.12 -0.15 0.00	21.89 -0.17 0.00	28.32 -0.32 0.00	34.42 -0.21 0.00	29.94 -0.03 0.00	29.69 -0.10 0.00	46.23 -0.20 0.00	41.31 -0.20 0.00	56.82 -0.06 0.00	59.08 0.01 0.00	38.89 0.04 0.00	35.20 0.03 0.00	28.40 0.06 0.00	32.81 0.23 0.00
BRANSCOMB___SOLAR 323811	22.45 0.99 0.00	21.69 0.95 0.00	19.76 0.88 0.00	18.70 0.80 0.00	18.74 0.81 0.00	21.57 0.99 0.00	27.48 1.26 0.00	28.35 1.14 0.00	30.32 1.20 0.00	28.24 1.04 0.00	23.76 0.72 -0.77	22.91 0.85 0.00	29.91 1.27 0.00	36.18 1.56 0.00	31.19 1.22 0.00	30.96 1.18 0.00	48.28 1.86 0.00	43.32 1.80 0.00	59.81 2.93 0.00	62.38 3.30 0.00	41.17 2.32 0.00	37.04 1.87 0.00	29.80 1.46 0.00	34.12 1.55 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.15 2.03 -12.67	22.49 1.76 0.00	20.49 1.61 0.00	19.29 1.39 0.00	19.42 1.49 0.00	22.29 1.70 0.00	28.51 2.28 0.00	29.63 2.42 0.00	32.10 2.98 0.00	29.90 2.48 -0.21	36.27 2.36 -11.64	24.47 2.41 0.00	31.68 3.04 0.00	44.00 3.75 -5.61	33.80 2.99 -0.84	40.25 3.12 -7.35	51.16 4.74 0.00	58.23 4.42 -12.30	64.26 5.54 -1.84	64.42 5.35 0.00	43.20 3.48 -0.87	38.26 3.10 0.00	30.87 2.53 0.00	35.43 2.85 0.00
BRISTLHL_115KV_TB1 79998	21.20 -0.25 0.00	20.43 -0.31 0.00	18.56 -0.32 0.00	17.62 -0.28 0.00	17.65 -0.29 0.00	20.27 -0.31 0.00	25.85 -0.38 0.00	26.83 -0.38 0.00	28.95 -0.18 0.00	27.32 0.11 0.00	22.35 0.08 0.00	22.07 0.01 0.00	29.34 -0.31 -1.02	34.61 -0.02 0.00	29.58 -0.39 0.00	29.18 -0.61 0.00	45.49 -0.93 0.00	40.71 -0.81 0.00	55.76 -1.12 0.00	58.14 -1.06 -0.12	38.19 -0.66 0.00	34.63 -0.54 0.00	27.87 -0.47 0.00	31.99 -0.58 0.00
BROOKHAVEN___DRP 24191	36.27 2.14 -12.68	22.59 1.85 0.00	20.60 1.72 0.00	19.37 1.47 0.00	19.51 1.58 0.00	22.37 1.78 0.00	28.44 2.22 0.00	29.45 2.24 0.00	32.04 2.92 0.00	29.72 2.31 -0.21	36.00 2.08 -11.64	24.21 2.15 0.00	31.37 2.73 0.00	43.65 3.41 -5.61	33.65 2.84 -0.84	40.20 3.07 -7.35	51.23 4.80 0.00	58.38 4.56 -12.30	64.45 5.73 -1.84	64.58 5.51 0.00	43.23 3.52 -0.87	38.16 2.99 0.00	30.81 2.47 0.00	35.18 2.61 0.00
BROOKLYN_NAVY_YARD 23515	22.67 1.22 0.00	21.75 1.01 0.00	19.78 0.90 0.00	18.71 0.81 0.00	18.75 0.81 0.00	21.54 0.95 0.00	27.64 1.42 0.00	28.82 1.61 0.00	30.99 1.86 0.00	29.02 1.81 0.00	27.41 1.65 -3.49	23.85 1.79 0.00	30.96 2.32 0.00	37.24 2.61 0.00	32.19 2.23 0.00	32.11 2.33 0.00	50.12 3.69 0.00	44.84 3.33 0.00	60.93 4.05 0.00	62.84 3.77 0.00	41.25 2.40 0.00	37.35 2.18 0.00	30.10 1.76 0.00	34.35 1.77 0.00
BROOKLYN___ARMY_DRP 323595	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.00 0.00	18.81 0.91 0.00	18.84 0.90 0.00	21.68 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.79 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.44 2.82 0.00	32.34 2.37 0.00	32.26 2.47 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.58 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.91 0.00

BROOKVLE_69_KV_TB1 55790	35.78 1.66 -12.67	22.15 1.41 0.00	20.11 1.24 0.00	19.00 1.10 0.00	19.07 1.14 0.00	21.92 1.33 0.00	28.12 1.90 0.00	29.31 2.10 0.00	31.62 2.50 0.00	29.64 2.23 -0.21	36.03 2.12 -11.64	24.24 2.18 0.00	31.48 2.84 0.00	43.54 3.30 -5.61	33.58 2.77 -0.84	40.05 2.92 -7.35	51.01 4.58 0.00	57.97 4.15 -12.30	63.86 5.14 -1.84	64.01 4.93 0.00	42.88 3.17 -0.87	37.95 2.78 0.00	30.53 2.19 0.00	34.97 2.39 0.00
BROOME_2_LFGE 323671	21.69 0.23 0.00	20.82 0.08 0.00	18.90 0.02 0.00	17.94 0.05 0.00	17.98 0.05 0.00	20.64 0.05 0.00	26.42 0.20 0.00	27.54 0.33 0.00	29.42 0.30 0.00	27.57 0.36 0.00	22.53 0.25 0.00	22.24 0.17 0.00	29.13 0.28 -0.21	34.90 0.27 0.00	30.21 0.24 0.00	30.02 0.23 0.00	46.93 0.50 0.00	41.87 0.36 0.00	57.21 0.34 0.00	59.51 0.41 -0.03	39.08 0.24 0.00	35.51 0.33 0.00	28.58 0.24 0.00	32.94 0.36 0.00
BROOME___LFGE 323600	21.69 0.23 0.00	20.82 0.08 0.00	18.90 0.02 0.00	17.94 0.05 0.00	17.98 0.05 0.00	20.64 0.05 0.00	26.42 0.20 0.00	27.54 0.33 0.00	29.42 0.30 0.00	27.57 0.36 0.00	22.53 0.25 0.00	22.24 0.17 0.00	29.13 0.28 -0.21	34.90 0.27 0.00	30.21 0.24 0.00	30.02 0.23 0.00	46.93 0.50 0.00	41.87 0.36 0.00	57.21 0.34 0.00	59.51 0.41 -0.03	39.08 0.24 0.00	35.51 0.33 0.00	28.58 0.24 0.00	32.94 0.36 0.00
BROWNFLS_115KV_TB_3_5 80003	21.28 -0.17 0.00	20.55 -0.19 0.00	18.56 -0.32 0.00	17.72 -0.18 0.00	17.81 -0.13 0.00	20.52 -0.06 0.00	26.30 0.08 0.00	27.15 -0.06 0.00	28.96 -0.16 0.00	27.06 -0.15 0.00	22.04 -0.23 0.00	21.82 -0.25 0.00	28.35 -0.48 -0.19	34.26 -0.37 0.00	29.76 -0.20 0.00	29.42 -0.36 0.00	45.76 -0.67 0.00	40.93 -0.58 0.00	56.35 -0.53 0.00	59.03 -0.07 0.00	38.99 0.14 0.00	35.29 0.12 0.00	28.50 0.16 0.00	32.92 0.34 0.00
BROWNSV1_27_KV_LOAD 356125	22.96 1.51 0.00	22.01 1.28 0.00	20.00 1.12 0.00	18.92 1.02 0.00	18.95 1.02 0.00	21.79 1.20 0.00	27.96 1.74 0.00	29.18 1.97 0.00	31.38 2.26 0.00	29.40 2.20 0.00	27.75 1.98 -3.49	24.16 2.10 0.00	31.37 2.74 0.00	37.75 3.12 0.00	32.64 2.67 0.00	32.55 2.77 0.00	50.82 4.39 0.00	45.46 3.94 0.00	61.79 4.91 0.00	63.72 4.64 0.00	41.83 2.98 0.00	37.86 2.69 0.00	30.48 2.14 0.00	34.81 2.23 0.00
BURROWS___LYONSDAL 23803	21.57 0.12 0.00	20.75 0.01 0.00	18.71 -0.17 0.00	17.85 -0.05 0.00	17.95 0.01 0.00	20.73 0.14 0.00	26.66 0.44 0.00	27.73 0.52 0.00	29.66 0.54 0.00	27.73 0.52 0.00	22.62 0.35 0.00	22.39 0.33 0.00	29.15 0.36 -0.16	35.11 0.48 0.00	30.41 0.44 0.00	30.18 0.39 0.00	46.96 0.53 0.00	41.95 0.44 0.00	57.76 0.89 0.00	60.54 1.44 -0.02	39.94 1.10 0.00	36.19 1.02 0.00	29.11 0.77 0.00	33.43 0.85 0.00
CAITHNESS_CC_1 323624	36.17 2.04 -12.68	22.50 1.77 0.00	20.56 1.68 0.00	19.34 1.44 0.00	19.47 1.54 0.00	22.29 1.71 0.00	28.38 2.16 0.00	29.41 2.20 0.00	31.97 2.84 -0.01	29.67 2.26 -0.21	35.98 2.06 -11.65	24.19 2.13 0.00	31.33 2.69 0.00	43.60 3.36 -5.62	33.61 2.79 -0.84	40.13 3.00 -7.35	51.11 4.68 0.00	58.25 4.44 -12.30	64.27 5.55 -1.85	64.43 5.35 0.00	43.12 3.40 -0.87	38.09 2.92 0.00	30.76 2.42 0.00	35.14 2.56 0.00
CALPINE BETH_PAGE_GT4 24209	35.78 1.65 -12.67	22.13 1.39 0.00	20.11 1.23 0.00	18.97 1.07 0.00	19.07 1.14 0.00	21.91 1.32 0.00	28.08 1.85 0.00	29.25 2.03 0.00	31.61 2.49 0.00	29.51 2.09 -0.21	35.97 2.05 -11.64	24.15 2.09 0.00	31.32 2.69 0.00	43.51 3.27 -5.61	33.57 2.76 -0.84	40.04 2.90 -7.35	50.94 4.51 0.00	57.93 4.11 -12.30	63.78 5.06 -1.84	63.94 4.87 0.00	42.87 3.16 -0.87	37.91 2.73 0.00	30.54 2.20 0.00	34.88 2.30 0.00
CALPINE_BETH_PAGE_GT_4 323586	35.78 1.65 -12.67	22.13 1.39 0.00	20.13 1.25 0.00	18.99 1.09 0.00	19.08 1.15 0.00	21.91 1.32 0.00	28.08 1.85 0.00	29.25 2.03 0.00	31.62 2.49 -0.01	29.51 2.09 -0.21	35.97 2.05 -11.65	24.15 2.09 0.00	31.33 2.69 0.00	43.51 3.27 -5.62	33.57 2.76 -0.84	40.04 2.91 -7.35	50.94 4.51 0.00	57.93 4.11 -12.30	63.79 5.07 -1.85	63.94 4.86 0.00	42.87 3.16 -0.87	37.90 2.73 0.00	30.54 2.20 0.00	34.88 2.30 0.00
CALPINE_BP_GT1 23823	35.78 1.65 -12.67	22.13 1.39 0.00	20.13 1.25 0.00	18.99 1.09 0.00	19.08 1.15 0.00	21.91 1.32 0.00	28.08 1.85 0.00	29.25 2.03 0.00	31.62 2.49 -0.01	29.51 2.09 -0.21	35.97 2.05 -11.65	24.15 2.09 0.00	31.33 2.69 0.00	43.51 3.27 -5.62	33.57 2.76 -0.84	40.04 2.91 -7.35	50.94 4.51 0.00	57.93 4.11 -12.30	63.79 5.07 -1.85	63.94 4.86 0.00	42.87 3.16 -0.87	37.90 2.73 0.00	30.54 2.20 0.00	34.88 2.30 0.00
CALSPAN___DRP 24200	21.78 0.33 0.00	20.86 0.12 0.00	18.93 0.05 0.00	17.96 0.06 0.00	17.91 -0.03 0.00	20.50 -0.09 0.00	26.31 0.09 0.00	27.42 0.21 0.00	29.28 0.17 0.00	27.66 0.46 0.00	22.48 0.21 0.00	22.09 0.03 0.00	28.64 0.01 0.00	34.29 -0.34 0.00	29.58 -0.39 0.00	29.36 -0.42 0.00	45.99 -0.43 0.00	40.93 -0.59 0.00	56.15 -0.73 0.00	58.38 -0.70 0.00	38.39 -0.46 0.00	35.04 -0.14 0.00	28.37 0.02 0.00	33.06 0.48 0.00
CALVERTON___SOLAR 323806	36.37 2.24 -12.68	22.68 1.95 0.00	20.74 1.86 0.00	19.49 1.59 0.00	19.62 1.69 0.00	22.47 1.88 0.00	28.54 2.31 0.00	29.53 2.31 0.00	32.16 3.03 -0.01	29.81 2.40 -0.21	36.07 2.15 -11.65	24.28 2.22 0.00	31.46 2.82 0.00	43.79 3.55 -5.62	33.76 2.95 -0.84	40.33 3.19 -7.35	51.45 5.02 0.00	58.60 4.78 -12.30	64.74 6.02 -1.85	64.89 5.81 0.00	43.40 3.69 -0.87	38.31 3.14 0.00	30.91 2.57 0.00	35.29 2.71 0.00
CANDIGU_WT_PWR 323617	21.64 0.18 0.00	20.68 -0.06 0.00	18.74 -0.14 0.00	17.88 -0.02 0.00	17.90 -0.03 0.00	20.53 -0.06 0.00	26.20 -0.02 0.00	27.26 0.05 0.00	29.16 0.04 0.00	27.48 0.27 0.00	22.22 -0.05 0.00	21.84 -0.22 0.00	28.49 -0.26 -0.11	34.21 -0.42 0.00	29.56 -0.41 0.00	29.54 -0.25 0.00	46.58 0.15 0.00	41.40 -0.12 0.00	56.76 -0.11 0.00	59.13 0.04 -0.01	38.85 0.01 0.00	35.42 0.25 0.00	28.55 0.21 0.00	33.09 0.51 0.00
CARR STREET_E_SYR 24060	21.35 -0.11 0.00	20.56 -0.18 0.00	18.67 -0.21 0.00	17.72 -0.18 0.00	17.75 -0.19 0.00	20.39 -0.20 0.00	26.02 -0.20 0.00	27.06 -0.16 0.00	28.91 -0.21 0.00	27.02 -0.18 0.00	22.07 -0.20 0.00	21.78 -0.28 0.00	28.58 -0.36 -0.30	34.17 -0.46 0.00	29.54 -0.43 0.00	29.34 -0.44 0.00	45.77 -0.66 0.00	40.93 -0.59 0.00	56.04 -0.84 0.00	58.28 -0.84 -0.04	38.30 -0.54 0.00	34.71 -0.46 0.00	27.94 -0.40 0.00	32.18 -0.40 0.00
CARTHAGE___PAPER 23857	21.45 -0.01 0.00	20.61 -0.13 0.00	18.48 -0.40 0.00	17.73 -0.16 0.00	17.89 -0.05 0.00	20.66 0.08 0.00	26.68 0.46 0.00	27.72 0.51 0.00	29.59 0.46 0.00	27.63 0.43 0.00	22.50 0.23 0.00	22.22 0.16 0.00	29.05 0.02 -0.39	34.86 0.23 0.00	30.20 0.24 0.00	29.83 0.04 0.00	46.33 -0.10 0.00	41.44 -0.07 0.00	57.21 0.33 0.00	60.52 1.39 -0.05	40.05 1.20 0.00	36.32 1.15 0.00	29.20 0.86 0.00	33.56 0.99 0.00

CASSADAGA_WT_PWR 323784	21.84 0.39 0.00	20.92 0.18 0.00	18.97 0.09 0.00	18.01 0.11 0.00	18.06 0.13 0.00	20.73 0.14 0.00	26.68 0.46 0.00	27.84 0.62 0.00	29.77 0.64 0.00	28.16 0.95 0.00	22.83 0.56 0.00	22.34 0.28 0.00	28.90 0.26 0.00	34.51 -0.12 0.00	29.77 -0.20 0.00	29.65 -0.14 0.00	46.54 0.11 0.00	41.43 -0.09 0.00	57.56 0.69 0.00	59.88 0.80 0.00	39.29 0.44 0.00	35.83 0.66 0.00	28.84 0.50 0.00	33.60 1.02 0.00
CE_DUNWOOD___DRP 24194	22.63 1.18 0.00	21.72 0.98 0.00	19.74 0.86 0.00	18.68 0.78 0.00	18.72 0.79 0.00	21.52 0.93 0.00	27.60 1.38 0.00	28.76 1.54 0.00	30.90 1.78 0.00	28.89 1.69 0.00	27.53 1.55 -3.71	23.71 1.64 0.00	30.80 2.16 0.00	37.10 2.47 0.00	32.05 2.09 0.00	31.98 2.19 0.00	49.92 3.49 0.00	44.68 3.17 0.00	60.79 3.91 0.00	62.75 3.68 0.00	41.20 2.35 0.00	37.25 2.08 0.00	29.99 1.65 0.00	34.29 1.72 0.00
CE_MILLWOOD___DRP 24193	22.59 1.14 0.00	21.68 0.94 0.00	19.70 0.83 0.00	18.64 0.75 0.00	18.69 0.75 0.00	21.48 0.89 0.00	27.55 1.33 0.00	28.70 1.48 0.00	30.83 1.71 0.00	28.82 1.61 0.00	27.63 1.48 -3.88	23.64 1.58 0.00	30.72 2.08 0.00	37.00 2.37 0.00	31.98 2.01 0.00	31.90 2.11 0.00	49.82 3.39 0.00	44.58 3.06 0.00	60.67 3.79 0.00	62.63 3.56 0.00	41.12 2.27 0.00	37.17 2.00 0.00	29.92 1.58 0.00	34.23 1.65 0.00
CE_NYC2_DRP 24202	22.75 1.30 0.00	21.82 1.08 0.00	19.83 0.95 0.00	18.76 0.86 0.00	18.79 0.85 0.00	21.61 1.03 0.00	27.72 1.50 0.00	28.92 1.71 0.00	31.08 1.96 0.00	29.12 1.91 0.00	27.51 1.75 -3.49	23.92 1.86 0.00	31.04 2.41 0.00	37.33 2.70 0.00	32.26 2.30 0.00	32.16 2.38 0.00	50.13 3.70 0.00	44.87 3.35 0.00	60.95 4.07 0.00	62.89 3.82 0.00	41.30 2.46 0.00	37.40 2.23 0.00	30.13 1.79 0.00	34.37 1.79 0.00
CE_NYC_DRP 24195	22.70 1.25 0.00	21.77 1.03 0.00	19.79 0.91 0.00	18.73 0.83 0.00	18.76 0.83 0.00	21.56 0.98 0.00	27.67 1.45 0.00	28.85 1.64 0.00	31.02 1.90 0.00	29.06 1.85 0.00	27.47 1.71 -3.49	23.88 1.82 0.00	31.00 2.37 0.00	37.30 2.67 0.00	32.23 2.27 0.00	32.15 2.36 0.00	50.18 3.75 0.00	44.90 3.38 0.00	61.01 4.13 0.00	62.93 3.85 0.00	41.31 2.46 0.00	37.38 2.21 0.00	30.11 1.77 0.00	34.39 1.82 0.00
CHAFFEE___LFGE 323603	21.79 0.34 0.00	20.84 0.10 0.00	18.88 0.00 0.00	17.94 0.04 0.00	17.88 -0.06 0.00	20.48 -0.10 0.00	26.30 0.08 0.00	27.42 0.21 0.00	29.31 0.19 0.00	27.68 0.47 0.00	22.50 0.22 0.00	22.11 0.05 0.00	28.69 0.05 0.00	34.35 -0.28 0.00	29.64 -0.33 0.00	29.42 -0.36 0.00	46.11 -0.31 0.00	41.01 -0.50 0.00	56.23 -0.65 0.00	58.50 -0.58 0.00	38.47 -0.38 0.00	35.10 -0.07 0.00	28.41 0.07 0.00	33.06 0.48 0.00
CHATEAUG_35_KV_LOAD 355732	21.16 -0.29 0.00	20.56 -0.18 0.00	18.85 -0.03 0.00	17.91 0.02 0.00	17.98 0.04 0.00	20.63 0.05 0.00	26.38 0.16 0.00	27.37 0.16 0.00	29.55 0.43 0.00	27.59 0.38 0.00	22.43 0.16 0.00	22.06 -0.01 0.00	28.41 -0.22 0.00	34.61 -0.02 0.00	30.04 0.07 0.00	29.84 0.06 0.00	46.16 -0.27 0.00	41.49 -0.03 0.00	57.39 0.51 0.00	59.89 0.81 0.00	39.30 0.45 0.00	35.36 0.18 0.00	28.51 0.17 0.00	33.18 0.60 0.00
CHATEAUG_WT_PWR 323614	21.18 -0.27 0.00	20.55 -0.18 0.00	18.87 -0.01 0.00	17.93 0.04 0.00	18.01 0.07 0.00	20.65 0.07 0.00	26.42 0.19 0.00	27.37 0.16 0.00	29.57 0.45 0.00	27.64 0.43 0.00	22.47 0.20 0.00	22.09 0.03 0.00	28.46 -0.18 0.00	34.65 0.02 0.00	30.06 0.10 0.00	29.88 0.09 0.00	46.19 -0.23 0.00	41.53 0.02 0.00	57.43 0.55 0.00	59.91 0.84 0.00	39.31 0.47 0.00	35.37 0.19 0.00	28.52 0.17 0.00	33.20 0.62 0.00
CHAT_HIGH_FALL_HYD 323578	21.16 -0.29 0.00	20.56 -0.18 0.00	18.86 -0.02 0.00	17.92 0.02 0.00	17.98 0.04 0.00	20.63 0.05 0.00	26.38 0.16 0.00	27.37 0.16 0.00	29.55 0.43 0.00	27.59 0.38 0.00	22.43 0.16 0.00	22.06 -0.01 0.00	28.41 -0.22 0.00	34.61 -0.02 0.00	30.04 0.07 0.00	29.84 0.06 0.00	46.16 -0.26 0.00	41.49 -0.03 0.00	57.39 0.51 0.00	59.89 0.81 0.00	39.30 0.45 0.00	35.36 0.18 0.00	28.51 0.17 0.00	33.18 0.60 0.00
CHAUTAUQUA___LFGE 323629	21.87 0.42 0.00	20.89 0.16 0.00	18.92 0.05 0.00	17.98 0.09 0.00	17.99 0.06 0.00	20.63 0.05 0.00	26.54 0.32 0.00	27.70 0.48 0.00	29.57 0.44 0.00	27.95 0.74 0.00	22.70 0.43 0.00	22.26 0.20 0.00	28.87 0.23 0.00	34.54 -0.09 0.00	29.79 -0.18 0.00	29.62 -0.16 0.00	46.53 0.10 0.00	41.41 -0.11 0.00	57.00 0.12 0.00	59.24 0.16 0.00	38.90 0.05 0.00	35.51 0.34 0.00	28.65 0.31 0.00	33.36 0.79 0.00
CHERRYST_13_KV_LD 356241	22.77 1.32 0.00	21.83 1.10 0.00	19.85 0.97 0.00	18.79 0.89 0.00	18.82 0.89 0.00	21.63 1.05 0.00	27.76 1.54 0.00	28.96 1.75 0.00	31.15 2.03 0.00	29.19 1.98 0.00	27.58 1.81 -3.49	23.99 1.93 0.00	31.14 2.50 0.00	37.47 2.84 0.00	32.38 2.41 0.00	32.29 2.51 0.00	50.41 3.98 0.00	45.09 3.57 0.00	61.24 4.36 0.00	63.17 4.09 0.00	41.45 2.60 0.00	37.50 2.33 0.00	30.21 1.87 0.00	34.50 1.92 0.00
CHESTROR_138KV_BK263 355645	22.37 0.91 0.00	21.49 0.75 0.00	19.54 0.66 0.00	18.49 0.59 0.00	18.53 0.59 0.00	21.29 0.71 0.00	27.30 1.08 0.00	28.40 1.19 0.00	30.48 1.35 0.00	28.48 1.27 0.00	20.44 1.17 3.00	23.31 1.25 0.00	30.31 1.67 0.00	36.55 1.92 0.00	31.59 1.62 0.00	31.51 1.72 0.00	49.22 2.79 0.00	44.08 2.56 0.00	60.04 3.16 0.00	62.05 2.97 0.00	40.74 1.89 0.00	36.81 1.65 0.00	29.63 1.29 0.00	33.93 1.36 0.00
CH_MIDHUDSON___DRP 24192	22.60 1.14 0.00	21.72 0.98 0.00	19.75 0.87 0.00	18.69 0.79 0.00	18.73 0.79 0.00	21.53 0.95 0.00	27.59 1.37 0.00	28.72 1.51 0.00	30.83 1.71 0.00	28.80 1.59 0.00	24.47 1.42 -0.77	23.57 1.51 0.00	30.64 2.00 0.00	36.96 2.33 0.00	31.92 1.96 0.00	31.84 2.06 0.00	49.74 3.32 0.00	44.51 2.99 0.00	60.65 3.78 0.00	62.72 3.64 0.00	41.21 2.36 0.00	37.23 2.06 0.00	29.97 1.63 0.00	34.26 1.68 0.00
CH_MISC_IPPS 23765	22.72 1.26 0.00	21.81 1.07 0.00	19.83 0.95 0.00	18.76 0.87 0.00	18.80 0.87 0.00	21.62 1.03 0.00	27.72 1.49 0.00	28.87 1.65 0.00	30.99 1.87 0.00	28.97 1.76 0.00	23.84 1.57 0.00	23.72 1.66 0.00	30.85 2.21 0.00	37.22 2.59 0.00	32.16 2.20 0.00	32.10 2.32 0.00	50.18 3.75 0.00	44.91 3.39 0.00	61.17 4.30 0.00	63.21 4.13 0.00	41.51 2.66 0.00	37.50 2.33 0.00	30.16 1.82 0.00	34.47 1.89 0.00
CH_RES_BVR_FALLS 23983	21.20 -0.25 0.00	20.53 -0.21 0.00	18.65 -0.22 0.00	17.68 -0.22 0.00	17.73 -0.20 0.00	20.38 -0.20 0.00	25.95 -0.27 0.00	26.99 -0.22 0.00	28.89 -0.23 0.00	27.00 -0.21 0.00	22.06 -0.21 0.00	21.84 -0.23 0.00	28.30 -0.34 0.00	34.29 -0.34 0.00	29.74 -0.22 0.00	29.55 -0.23 0.00	46.04 -0.39 0.00	41.16 -0.36 0.00	56.52 -0.35 0.00	58.71 -0.37 0.00	38.55 -0.30 0.00	34.90 -0.27 0.00	28.12 -0.22 0.00	32.39 -0.19 0.00

CH_RES_NIAGARA 23895	21.34 -0.11 0.00	20.45 -0.29 0.00	18.55 -0.33 0.00	17.62 -0.28 0.00	17.53 -0.41 0.00	20.06 -0.53 0.00	25.72 -0.50 0.00	26.72 -0.50 0.00	28.52 -0.60 0.00	26.89 -0.32 0.00	21.90 -0.37 0.00	21.52 -0.55 0.00	27.83 -0.80 0.00	33.20 -1.43 0.00	28.49 -1.47 0.00	28.22 -1.57 0.00	44.09 -2.34 0.00	39.21 -2.30 0.00	53.87 -3.01 0.00	56.01 -3.07 0.00	36.90 -1.95 0.00	33.68 -1.49 0.00	27.42 -0.92 0.00	32.03 -0.55 0.00
CH_RES_SYRACUSE 23985	21.46 0.00 0.00	20.67 -0.06 0.00	18.78 -0.10 0.00	17.81 -0.08 0.00	17.84 -0.09 0.00	20.50 -0.09 0.00	26.17 -0.05 0.00	27.22 0.00 0.00	29.13 0.01 0.00	27.27 0.06 0.00	22.31 0.04 0.00	22.06 0.00 0.00	29.18 -0.02 -0.57	34.64 0.01 0.00	29.86 -0.10 0.00	29.65 -0.13 0.00	46.25 -0.18 0.00	41.39 -0.13 0.00	56.63 -0.24 0.00	58.96 -0.19 -0.07	38.73 -0.12 0.00	35.11 -0.06 0.00	28.26 -0.08 0.00	32.50 -0.08 0.00
CLINTON_WT_PWR 323605	21.18 -0.27 0.00	20.55 -0.18 0.00	18.87 -0.01 0.00	17.93 0.04 0.00	18.01 0.07 0.00	20.65 0.07 0.00	26.42 0.19 0.00	27.37 0.16 0.00	29.57 0.45 0.00	27.64 0.43 0.00	22.47 0.20 0.00	22.09 0.03 0.00	28.46 -0.18 0.00	34.65 0.02 0.00	30.06 0.10 0.00	29.88 0.09 0.00	46.19 -0.23 0.00	41.53 0.02 0.00	57.43 0.55 0.00	59.91 0.84 0.00	39.31 0.47 0.00	35.37 0.19 0.00	28.52 0.17 0.00	33.20 0.62 0.00
CLINTON___LFGE 323618	21.41 -0.05 0.00	20.75 0.01 0.00	19.02 0.14 0.00	18.09 0.19 0.00	18.16 0.23 0.00	20.86 0.27 0.00	26.70 0.48 0.00	27.67 0.45 0.00	29.90 0.78 0.00	27.92 0.71 0.00	22.71 0.44 0.00	22.32 0.25 0.00	28.75 0.11 0.00	34.98 0.35 0.00	30.34 0.37 0.00	30.15 0.36 0.00	46.61 0.18 0.00	41.99 0.48 0.00	58.12 1.24 0.00	60.65 1.57 0.00	39.81 0.96 0.00	35.81 0.64 0.00	28.84 0.50 0.00	33.58 1.00 0.00
COBBLENY_34_KV_TB1 80064	21.78 0.33 0.00	20.84 0.10 0.00	18.90 0.02 0.00	17.94 0.04 0.00	17.89 -0.04 0.00	20.49 -0.10 0.00	26.30 0.08 0.00	27.42 0.21 0.00	29.30 0.18 0.00	27.68 0.47 0.00	22.49 0.22 0.00	22.11 0.05 0.00	28.69 0.05 0.00	34.35 -0.28 0.00	29.64 -0.33 0.00	29.44 -0.35 0.00	46.11 -0.31 0.00	41.01 -0.50 0.00	56.23 -0.65 0.00	58.50 -0.58 0.00	38.47 -0.38 0.00	35.11 -0.06 0.00	28.41 0.07 0.00	33.06 0.48 0.00
COFFEEN___115KV_TB3 355620	21.57 0.11 0.00	20.69 -0.05 0.00	18.52 -0.36 0.00	17.80 -0.10 0.00	17.97 0.04 0.00	20.78 0.19 0.00	26.87 0.65 0.00	27.95 0.74 0.00	29.83 0.70 0.00	27.86 0.66 0.00	22.67 0.40 0.00	22.40 0.34 0.00	29.24 0.13 -0.48	34.99 0.36 0.00	30.31 0.34 0.00	29.89 0.11 0.00	46.36 -0.07 0.00	41.40 -0.12 0.00	57.26 0.39 0.00	60.90 1.76 -0.06	40.39 1.54 0.00	36.65 1.48 0.00	29.42 1.08 0.00	33.76 1.18 0.00
COLDSPRG_115KV_BK1 355956	21.97 0.51 0.00	21.02 0.28 0.00	19.05 0.17 0.00	18.08 0.18 0.00	18.11 0.18 0.00	20.80 0.21 0.00	26.78 0.55 0.00	28.01 0.80 0.00	29.96 0.84 0.00	28.38 1.17 0.00	23.02 0.75 0.00	22.54 0.48 0.00	29.23 0.59 0.00	34.98 0.36 0.00	30.16 0.19 0.00	30.04 0.26 0.00	47.12 0.70 0.00	41.93 0.41 0.00	57.94 1.06 0.00	60.13 1.05 0.00	39.45 0.60 0.00	35.99 0.82 0.00	28.98 0.64 0.00	33.76 1.18 0.00
COLONIE_LFGE___ 323577	22.29 0.83 0.00	21.57 0.83 0.00	19.67 0.79 0.00	18.63 0.73 0.00	18.66 0.72 0.00	21.45 0.86 0.00	27.27 1.05 0.00	28.16 0.95 0.00	30.14 1.02 0.00	28.08 0.87 0.00	23.77 0.70 -0.80	22.84 0.78 0.00	29.74 1.10 0.00	35.94 1.31 0.00	31.01 1.05 0.00	30.81 1.02 0.00	47.98 1.55 0.00	43.03 1.51 0.00	59.11 2.24 0.00	61.59 2.51 0.00	40.64 1.80 0.00	36.61 1.44 0.00	29.52 1.18 0.00	33.82 1.24 0.00
COOPERNY_115KV_TB1 80082	22.17 0.72 0.00	21.32 0.58 0.00	19.39 0.51 0.00	18.36 0.46 0.00	18.40 0.46 0.00	21.13 0.55 0.00	27.06 0.84 0.00	28.11 0.90 0.00	30.13 1.01 0.00	28.15 0.95 0.00	22.03 0.88 1.12	22.99 0.93 0.00	29.88 1.24 0.00	36.04 1.41 0.00	31.16 1.19 0.00	31.05 1.26 0.00	48.48 2.06 0.00	43.37 1.86 0.00	59.15 2.27 0.00	61.22 2.14 0.00	40.20 1.35 0.00	36.38 1.21 0.00	29.29 0.95 0.00	33.56 0.98 0.00
COPENHAGEN_WT_PWR 323753	21.22 -0.23 0.00	20.35 -0.39 0.00	18.20 -0.68 0.00	17.53 -0.37 0.00	17.73 -0.20 0.00	20.51 -0.08 0.00	26.51 0.29 0.00	27.59 0.38 0.00	29.52 0.40 0.00	27.62 0.41 0.00	22.45 0.17 0.00	22.19 0.13 0.00	29.06 -0.08 -0.50	34.76 0.13 0.00	30.06 0.09 0.00	29.65 -0.13 0.00	45.83 -0.59 0.00	41.04 -0.48 0.00	56.72 -0.15 0.00	60.15 1.02 -0.06	39.83 0.98 0.00	36.11 0.94 0.00	29.03 0.69 0.00	33.38 0.80 0.00
CORNELL_____ 23752	21.93 0.47 0.00	21.08 0.34 0.00	19.14 0.27 0.00	18.15 0.26 0.00	18.19 0.26 0.00	20.91 0.33 0.00	26.75 0.53 0.00	27.86 0.65 0.00	29.75 0.62 0.00	27.78 0.57 0.00	22.67 0.40 0.00	22.39 0.33 0.00	29.42 0.48 -0.31	35.34 0.71 0.00	30.53 0.56 0.00	30.28 0.50 0.00	47.24 0.82 0.00	42.19 0.68 0.00	57.91 1.03 0.00	60.37 1.26 -0.04	39.71 0.86 0.00	36.02 0.85 0.00	28.96 0.62 0.00	33.27 0.69 0.00
CORONA_AAV_69_KV_TB1 355595	35.85 1.72 -12.67	22.20 1.46 0.00	20.15 1.28 0.00	19.03 1.14 0.00	19.11 1.18 0.00	21.97 1.38 0.00	28.17 1.94 0.00	29.35 2.13 0.00	31.66 2.54 0.00	29.58 2.17 -0.21	35.98 2.06 -11.64	24.14 2.07 0.00	31.31 2.67 0.00	43.47 3.23 -5.61	33.55 2.74 -0.84	39.99 2.86 -7.35	50.86 4.44 0.00	57.88 4.07 -12.30	63.86 5.14 -1.84	64.05 4.97 0.00	43.00 3.29 -0.87	38.10 2.93 0.00	30.69 2.36 0.00	35.05 2.48 0.00
CORTLAND_115KV_TB3 80093	21.74 0.28 0.00	20.90 0.16 0.00	18.98 0.10 0.00	18.01 0.11 0.00	18.05 0.12 0.00	20.73 0.15 0.00	26.52 0.31 0.00	27.62 0.40 0.00	29.48 0.36 0.00	27.55 0.34 0.00	22.52 0.25 0.00	22.27 0.20 0.00	29.27 0.31 -0.32	35.02 0.39 0.00	30.26 0.30 0.00	30.07 0.28 0.00	46.92 0.49 0.00	41.92 0.40 0.00	57.39 0.51 0.00	59.81 0.69 -0.04	39.34 0.49 0.00	35.68 0.50 0.00	28.69 0.35 0.00	32.99 0.41 0.00
COXSACKIE___GT 23611	22.76 1.31 0.00	22.01 1.27 0.00	20.09 1.22 0.00	19.00 1.10 0.00	19.05 1.12 0.00	21.93 1.34 0.00	27.97 1.75 0.00	28.97 1.76 0.00	30.81 1.69 0.00	28.41 1.20 0.00	23.76 0.89 -0.60	23.04 0.98 0.00	30.23 1.59 0.00	36.42 1.79 0.00	32.00 2.03 0.00	31.29 1.50 0.00	49.19 2.76 0.00	44.52 3.00 0.00	60.73 3.86 0.00	63.42 4.35 0.00	41.99 3.14 0.00	37.85 2.68 0.00	30.41 2.07 0.00	34.69 2.11 0.00
CPV_VALLEY___CC1 323721	22.20 0.74 0.00	21.33 0.59 0.00	19.41 0.53 0.00	18.37 0.47 0.00	18.41 0.48 0.00	21.14 0.55 0.00	27.09 0.87 0.00	28.19 0.97 0.00	30.25 1.13 0.00	28.27 1.06 0.00	21.46 0.99 1.80	23.13 1.07 0.00	30.06 1.42 0.00	36.26 1.63 0.00	31.34 1.37 0.00	31.25 1.46 0.00	48.79 2.37 0.00	43.67 2.15 0.00	59.51 2.63 0.00	61.51 2.43 0.00	40.38 1.54 0.00	36.51 1.33 0.00	29.39 1.05 0.00	33.65 1.08 0.00

CPV_VALLEY___CC2 323722	22.20 0.74 0.00	21.33 0.59 0.00	19.41 0.53 0.00	18.37 0.47 0.00	18.41 0.48 0.00	21.14 0.55 0.00	27.09 0.87 0.00	28.19 0.97 0.00	30.25 1.13 0.00	28.27 1.06 0.00	21.46 0.99 1.80	23.13 1.07 0.00	30.06 1.42 0.00	36.26 1.63 0.00	31.34 1.37 0.00	31.25 1.46 0.00	48.79 2.37 0.00	43.67 2.15 0.00	59.51 2.63 0.00	61.51 2.43 0.00	40.38 1.54 0.00	36.51 1.33 0.00	29.39 1.05 0.00	33.65 1.08 0.00
CRESCENT___HYD 24018	22.29 0.83 0.00	21.57 0.83 0.00	19.67 0.79 0.00	18.63 0.73 0.00	18.66 0.72 0.00	21.45 0.86 0.00	27.27 1.05 0.00	28.16 0.95 0.00	30.14 1.02 0.00	28.08 0.87 0.00	23.77 0.70 -0.80	22.84 0.78 0.00	29.74 1.10 0.00	35.94 1.31 0.00	31.01 1.05 0.00	30.81 1.02 0.00	47.98 1.55 0.00	43.03 1.51 0.00	59.11 2.24 0.00	61.59 2.51 0.00	40.64 1.80 0.00	36.61 1.44 0.00	29.52 1.18 0.00	33.82 1.24 0.00
CRICKET___VALLEY_CC1 323756	22.37 0.92 0.00	21.56 0.82 0.00	19.62 0.74 0.00	18.56 0.66 0.00	18.60 0.67 0.00	21.38 0.80 0.00	27.38 1.15 0.00	28.47 1.25 0.00	30.52 1.40 0.00	28.48 1.27 0.00	24.97 1.12 -1.58	23.25 1.19 0.00	30.20 1.56 0.00	36.44 1.81 0.00	31.44 1.47 0.00	31.34 1.56 0.00	48.91 2.48 0.00	43.79 2.27 0.00	59.80 2.92 0.00	61.93 2.86 0.00	40.73 1.88 0.00	36.78 1.61 0.00	29.64 1.30 0.00	33.87 1.29 0.00
CRICKET___VALLEY_CC2 323757	22.37 0.92 0.00	21.56 0.82 0.00	19.62 0.74 0.00	18.56 0.66 0.00	18.60 0.67 0.00	21.38 0.80 0.00	27.38 1.15 0.00	28.47 1.25 0.00	30.52 1.40 0.00	28.48 1.27 0.00	24.97 1.12 -1.58	23.25 1.19 0.00	30.20 1.56 0.00	36.44 1.81 0.00	31.44 1.47 0.00	31.34 1.56 0.00	48.91 2.48 0.00	43.79 2.27 0.00	59.80 2.92 0.00	61.93 2.86 0.00	40.73 1.88 0.00	36.78 1.61 0.00	29.64 1.30 0.00	33.87 1.29 0.00
CRICKET___VALLEY_CC3 323758	22.37 0.92 0.00	21.56 0.82 0.00	19.62 0.74 0.00	18.56 0.66 0.00	18.60 0.67 0.00	21.38 0.80 0.00	27.38 1.15 0.00	28.47 1.25 0.00	30.52 1.40 0.00	28.48 1.27 0.00	24.97 1.12 -1.58	23.25 1.19 0.00	30.20 1.56 0.00	36.44 1.81 0.00	31.44 1.47 0.00	31.34 1.56 0.00	48.91 2.48 0.00	43.79 2.27 0.00	59.80 2.92 0.00	61.93 2.86 0.00	40.73 1.88 0.00	36.78 1.61 0.00	29.64 1.30 0.00	33.87 1.29 0.00
CRUCIBLE_METL_DRP 24180	21.46 0.00 0.00	20.67 -0.07 0.00	18.79 -0.09 0.00	17.82 -0.08 0.00	17.85 -0.09 0.00	20.50 -0.09 0.00	26.17 -0.05 0.00	27.22 0.00 0.00	29.13 0.01 0.00	27.27 0.06 0.00	22.31 0.04 0.00	22.06 0.00 0.00	29.18 -0.03 -0.57	34.64 0.01 0.00	29.86 -0.10 0.00	29.65 -0.13 0.00	46.25 -0.18 0.00	41.39 -0.13 0.00	56.63 -0.24 0.00	58.95 -0.20 -0.07	38.73 -0.12 0.00	35.11 -0.07 0.00	28.26 -0.08 0.00	32.50 -0.08 0.00
DAHOWA___HYDRO 323763	22.48 1.02 0.00	21.72 0.98 0.00	19.77 0.89 0.00	18.71 0.81 0.00	18.75 0.82 0.00	21.61 1.02 0.00	27.53 1.31 0.00	28.39 1.18 0.00	30.36 1.24 0.00	28.29 1.09 0.00	23.77 0.73 -0.77	22.94 0.88 0.00	29.95 1.32 0.00	36.23 1.60 0.00	31.23 1.27 0.00	31.00 1.21 0.00	48.33 1.91 0.00	43.40 1.88 0.00	59.99 3.11 0.00	62.62 3.54 0.00	41.32 2.48 0.00	37.15 1.98 0.00	29.87 1.53 0.00	34.20 1.62 0.00
DANC___LFGE 323619	21.20 -0.25 0.00	20.37 -0.37 0.00	18.34 -0.54 0.00	17.55 -0.34 0.00	17.69 -0.25 0.00	20.40 -0.18 0.00	26.24 0.02 0.00	27.27 0.06 0.00	29.23 0.11 0.00	27.41 0.20 0.00	22.32 0.05 0.00	22.06 -0.01 0.00	29.01 -0.25 -0.63	34.55 -0.07 0.00	29.79 -0.18 0.00	29.39 -0.40 0.00	45.54 -0.88 0.00	40.80 -0.72 0.00	56.19 -0.69 0.00	59.21 0.06 -0.07	39.13 0.28 0.00	35.52 0.35 0.00	28.57 0.23 0.00	32.85 0.27 0.00
DANSKAMMER___1 23586	22.72 1.26 0.00	21.81 1.07 0.00	19.83 0.95 0.00	18.76 0.87 0.00	18.80 0.87 0.00	21.62 1.03 0.00	27.72 1.49 0.00	28.87 1.65 0.00	30.99 1.87 0.00	28.97 1.76 0.00	23.84 1.57 0.00	23.72 1.66 0.00	30.85 2.21 0.00	37.22 2.59 0.00	32.16 2.20 0.00	32.10 2.32 0.00	50.18 3.75 0.00	44.91 3.39 0.00	61.17 4.30 0.00	63.21 4.13 0.00	41.51 2.66 0.00	37.50 2.33 0.00	30.16 1.82 0.00	34.47 1.89 0.00
DANSKAMMER___2 23589	22.72 1.26 0.00	21.81 1.07 0.00	19.83 0.95 0.00	18.76 0.87 0.00	18.80 0.87 0.00	21.62 1.03 0.00	27.72 1.49 0.00	28.87 1.65 0.00	30.99 1.87 0.00	28.97 1.76 0.00	23.84 1.57 0.00	23.72 1.66 0.00	30.85 2.21 0.00	37.22 2.59 0.00	32.16 2.20 0.00	32.10 2.32 0.00	50.18 3.75 0.00	44.91 3.39 0.00	61.17 4.30 0.00	63.21 4.13 0.00	41.51 2.66 0.00	37.50 2.33 0.00	30.16 1.82 0.00	34.47 1.89 0.00
DANSKAMMER___3 23590	22.72 1.26 0.00	21.81 1.07 0.00	19.83 0.95 0.00	18.76 0.87 0.00	18.80 0.87 0.00	21.62 1.03 0.00	27.72 1.49 0.00	28.87 1.65 0.00	30.99 1.87 0.00	28.97 1.76 0.00	23.84 1.57 0.00	23.72 1.66 0.00	30.85 2.21 0.00	37.22 2.59 0.00	32.16 2.20 0.00	32.10 2.32 0.00	50.18 3.75 0.00	44.91 3.39 0.00	61.17 4.30 0.00	63.21 4.13 0.00	41.51 2.66 0.00	37.50 2.33 0.00	30.16 1.82 0.00	34.47 1.89 0.00
DANSKAMMER___4 23591	22.72 1.26 0.00	21.81 1.07 0.00	19.83 0.95 0.00	18.76 0.87 0.00	18.80 0.87 0.00	21.62 1.03 0.00	27.72 1.49 0.00	28.87 1.65 0.00	30.99 1.87 0.00	28.97 1.76 0.00	23.84 1.57 0.00	23.72 1.66 0.00	30.85 2.21 0.00	37.22 2.59 0.00	32.16 2.20 0.00	32.10 2.32 0.00	50.18 3.75 0.00	44.91 3.39 0.00	61.17 4.30 0.00	63.21 4.13 0.00	41.51 2.66 0.00	37.50 2.33 0.00	30.16 1.82 0.00	34.47 1.89 0.00
DANSKAMMER___DIESEL 23592	22.72 1.26 0.00	21.81 1.07 0.00	19.83 0.95 0.00	18.76 0.86 0.00	18.80 0.87 0.00	21.62 1.03 0.00	27.72 1.49 0.00	28.87 1.66 0.00	30.99 1.87 0.00	28.97 1.76 0.00	23.84 1.57 0.00	23.72 1.66 0.00	30.85 2.21 0.00	37.21 2.58 0.00	32.16 2.20 0.00	32.10 2.31 0.00	50.18 3.75 0.00	44.91 3.39 0.00	61.17 4.30 0.00	63.21 4.13 0.00	41.51 2.66 0.00	37.50 2.33 0.00	30.16 1.82 0.00	34.47 1.89 0.00
DARBY___SOLAR 323810	22.44 0.99 0.00	21.69 0.95 0.00	19.75 0.87 0.00	18.69 0.79 0.00	18.73 0.80 0.00	21.57 0.98 0.00	27.48 1.26 0.00	28.35 1.14 0.00	30.32 1.20 0.00	28.25 1.05 0.00	23.77 0.73 -0.77	22.92 0.86 0.00	29.92 1.29 0.00	36.18 1.56 0.00	31.19 1.22 0.00	30.97 1.19 0.00	48.31 1.88 0.00	43.34 1.82 0.00	59.82 2.94 0.00	62.39 3.31 0.00	41.17 2.32 0.00	37.04 1.87 0.00	29.80 1.46 0.00	34.12 1.55 0.00
DASHVILLE___HYD 23610	22.46 1.00 0.00	21.55 0.81 0.00	19.57 0.69 0.00	18.52 0.63 0.00	18.55 0.62 0.00	21.32 0.73 0.00	27.38 1.16 0.00	28.55 1.34 0.00	30.71 1.59 0.00	28.72 1.52 0.00	23.67 1.40 0.00	23.55 1.49 0.00	30.59 1.96 0.00	36.86 2.23 0.00	31.84 1.87 0.00	31.84 2.06 0.00	49.65 3.22 0.00	44.46 2.94 0.00	60.52 3.64 0.00	62.53 3.45 0.00	41.06 2.21 0.00	37.13 1.96 0.00	29.88 1.54 0.00	34.15 1.58 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	36.92 2.79 -12.68	23.19 2.45 0.00	21.17 2.29 0.00	19.87 1.97 0.00	20.03 2.10 0.00	22.97 2.38 0.00	29.13 2.91 0.00	30.17 2.96 0.00	32.94 3.82 0.00	30.62 3.21 -0.21	36.78 2.86 -11.64	25.01 2.95 0.00	32.45 3.81 0.00	45.01 4.78 -5.61	34.79 3.98 -0.84	41.38 4.24 -7.35	53.15 6.73 0.00	60.16 6.35 -12.30	66.80 8.08 -1.84	66.94 7.86 0.00	44.65 4.94 -0.87	39.40 4.23 0.00	31.72 3.38 0.00	36.15 3.58 0.00
DELAWARE___LFGE 323621	22.06 0.61 0.00	21.24 0.50 0.00	19.33 0.46 0.00	18.32 0.43 0.00	18.36 0.43 0.00	21.07 0.49 0.00	26.95 0.73 0.00	28.03 0.82 0.00	30.03 0.91 0.00	28.08 0.87 0.00	23.02 0.74 0.00	22.80 0.74 0.00	29.73 0.99 -0.10	35.77 1.14 0.00	30.96 0.99 0.00	30.81 1.03 0.00	48.03 1.61 0.00	42.92 1.40 0.00	58.63 1.76 0.00	60.88 1.79 -0.01	40.03 1.18 0.00	36.28 1.11 0.00	29.21 0.87 0.00	33.54 0.96 0.00
DERFIELD_115KV_TB7 355931	21.47 0.02 0.00	20.74 0.00 0.00	18.87 -0.01 0.00	17.88 -0.02 0.00	17.93 -0.01 0.00	20.58 0.00 0.00	26.25 0.03 0.00	27.24 0.03 0.00	29.14 0.02 0.00	27.22 0.01 0.00	22.29 0.02 0.00	22.09 0.03 0.00	28.69 0.06 0.00	34.67 0.04 0.00	30.00 0.04 0.00	29.83 0.04 0.00	46.50 0.08 0.00	41.58 0.06 0.00	56.94 0.07 0.00	59.20 0.12 0.00	38.93 0.08 0.00	35.25 0.07 0.00	28.40 0.06 0.00	32.63 0.05 0.00
DOGLEVILLE___HYD 23807	21.42 -0.04 0.00	20.66 -0.07 0.00	18.81 -0.07 0.00	17.83 -0.07 0.00	17.89 -0.04 0.00	20.55 -0.04 0.00	26.28 0.06 0.00	27.30 0.09 0.00	29.06 -0.07 0.00	26.99 -0.22 0.00	22.08 -0.19 0.00	21.97 -0.09 0.00	28.56 -0.08 0.00	34.79 0.16 0.00	29.89 -0.07 0.00	29.68 -0.11 0.00	46.43 0.01 0.00	41.79 0.27 0.00	57.30 0.43 0.00	59.93 0.85 0.00	39.54 0.69 0.00	35.63 0.46 0.00	28.67 0.33 0.00	32.76 0.18 0.00
DUNKIRK___115KV_TB_200 55889	21.84 0.39 0.00	20.87 0.14 0.00	18.92 0.04 0.00	17.96 0.06 0.00	17.97 0.04 0.00	20.60 0.02 0.00	26.48 0.27 0.00	27.65 0.44 0.00	29.51 0.39 0.00	27.89 0.68 0.00	22.66 0.39 0.00	22.23 0.17 0.00	28.84 0.20 0.00	34.50 -0.13 0.00	29.77 -0.20 0.00	29.61 -0.17 0.00	46.48 0.05 0.00	41.35 -0.17 0.00	56.87 0.00 0.00	59.12 0.04 0.00	38.82 -0.03 0.00	35.44 0.27 0.00	28.60 0.26 0.00	33.33 0.75 0.00
DUNKIRK___1 23563	21.84 0.39 0.00	20.87 0.14 0.00	18.92 0.04 0.00	17.96 0.06 0.00	17.97 0.04 0.00	20.60 0.02 0.00	26.48 0.27 0.00	27.65 0.44 0.00	29.51 0.39 0.00	27.89 0.68 0.00	22.66 0.39 0.00	22.23 0.17 0.00	28.84 0.20 0.00	34.50 -0.13 0.00	29.77 -0.20 0.00	29.61 -0.17 0.00	46.48 0.05 0.00	41.35 -0.17 0.00	56.87 0.00 0.00	59.12 0.04 0.00	38.82 -0.03 0.00	35.44 0.27 0.00	28.60 0.26 0.00	33.33 0.75 0.00
DUNKIRK___2 23564	21.84 0.39 0.00	20.87 0.14 0.00	18.92 0.04 0.00	17.96 0.06 0.00	17.97 0.04 0.00	20.60 0.02 0.00	26.48 0.27 0.00	27.65 0.44 0.00	29.51 0.39 0.00	27.89 0.68 0.00	22.66 0.39 0.00	22.23 0.17 0.00	28.84 0.20 0.00	34.50 -0.13 0.00	29.77 -0.20 0.00	29.61 -0.17 0.00	46.48 0.05 0.00	41.35 -0.17 0.00	56.87 0.00 0.00	59.12 0.04 0.00	38.82 -0.03 0.00	35.44 0.27 0.00	28.60 0.26 0.00	33.33 0.75 0.00
DUNKIRK___3 23565	21.78 0.33 0.00	20.82 0.08 0.00	18.87 0.00 0.00	17.92 0.02 0.00	17.91 -0.02 0.00	20.52 -0.06 0.00	26.38 0.16 0.00	27.53 0.31 0.00	29.37 0.25 0.00	27.76 0.55 0.00	22.56 0.28 0.00	22.14 0.07 0.00	28.72 0.08 0.00	34.38 -0.25 0.00	29.65 -0.31 0.00	29.49 -0.30 0.00	46.26 -0.17 0.00	41.14 -0.37 0.00	56.49 -0.38 0.00	58.72 -0.35 0.00	38.57 -0.27 0.00	35.21 0.04 0.00	28.45 0.11 0.00	33.15 0.57 0.00
DUNKIRK___4 23566	21.78 0.33 0.00	20.82 0.08 0.00	18.87 0.00 0.00	17.92 0.02 0.00	17.91 -0.02 0.00	20.52 -0.06 0.00	26.38 0.16 0.00	27.53 0.31 0.00	29.37 0.25 0.00	27.76 0.55 0.00	22.56 0.28 0.00	22.14 0.07 0.00	28.72 0.08 0.00	34.38 -0.25 0.00	29.65 -0.31 0.00	29.49 -0.30 0.00	46.26 -0.17 0.00	41.14 -0.37 0.00	56.49 -0.38 0.00	58.72 -0.35 0.00	38.57 -0.27 0.00	35.21 0.04 0.00	28.45 0.11 0.00	33.15 0.57 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.68 1.23 0.00	21.76 1.02 0.00	19.78 0.90 0.00	18.71 0.81 0.00	18.75 0.82 0.00	21.56 0.97 0.00	27.65 1.43 0.00	28.81 1.60 0.00	30.97 1.85 0.00	28.98 1.77 -3.49	27.38 1.61 0.00	23.78 1.71 0.00	30.89 2.25 0.00	37.18 2.55 0.00	32.13 2.17 0.00	32.05 2.26 0.00	50.03 3.60 0.00	44.78 3.26 0.00	60.90 4.02 0.00	62.86 3.79 0.00	41.28 2.44 0.00	37.32 2.15 0.00	30.05 1.71 0.00	34.36 1.78 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.51 1.06 0.00	21.62 0.88 0.00	19.64 0.77 0.00	18.59 0.69 0.00	18.63 0.70 0.00	21.42 0.83 0.00	27.46 1.24 0.00	28.60 1.38 0.00	30.69 1.57 0.00	28.68 1.47 0.79	22.81 1.33 0.00	23.48 1.42 0.00	30.53 1.90 0.00	36.82 2.19 0.00	31.81 1.85 0.00	31.75 1.97 0.00	49.63 3.20 0.00	44.44 2.92 0.00	60.53 3.65 0.00	62.53 3.46 0.00	41.06 2.22 0.00	37.12 1.95 0.00	29.86 1.52 0.00	34.16 1.58 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	22.73 1.28 0.00	21.81 1.07 0.00	19.83 0.95 0.00	18.77 0.87 0.00	18.78 0.85 0.00	21.62 1.03 0.00	27.66 1.45 0.00	28.85 1.64 0.00	31.02 1.90 0.00	29.00 1.79 -3.49	27.41 1.64 0.00	23.80 1.74 0.00	30.90 2.26 0.00	37.20 2.57 0.00	32.15 2.18 0.00	32.08 2.29 0.00	50.04 3.62 0.00	44.83 3.31 0.00	60.92 4.04 0.00	62.97 3.90 0.00	41.32 2.48 0.00	37.39 2.22 0.00	30.09 1.75 0.00	34.33 1.75 0.00
E179THST_13_KV_LOAD 356214	22.86 1.40 0.00	21.93 1.19 0.00	19.92 1.04 0.00	18.86 0.96 0.00	18.87 0.94 0.00	21.72 1.14 0.00	27.80 1.59 0.00	29.01 1.80 0.00	31.19 2.07 0.00	29.16 1.95 -3.49	27.54 1.78 0.00	23.93 1.87 0.00	31.08 2.44 0.00	37.42 2.79 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.35 3.92 0.00	45.10 3.58 0.00	61.29 4.42 0.00	63.35 4.27 0.00	41.57 2.72 0.00	37.61 2.44 0.00	30.26 1.93 0.00	34.52 1.94 0.00
EAST HAMPTON___GT 23717	37.28 3.15 -12.68	23.52 2.78 0.00	21.56 2.68 0.00	20.20 2.30 0.00	20.36 2.43 0.00	23.30 2.71 0.00	29.53 3.31 0.00	30.63 3.42 0.00	33.48 4.35 -0.01	31.17 3.76 -0.21	37.26 3.34 -11.65	25.50 3.44 0.00	33.09 4.46 0.00	45.81 5.57 -5.62	35.40 4.59 -0.84	41.98 4.84 -7.35	54.15 7.73 0.00	61.09 7.27 -12.30	68.04 9.32 -1.85	68.24 9.16 0.00	45.45 5.73 -0.87	40.14 4.97 0.00	32.30 3.96 0.00	36.76 4.18 0.00
EAST RIVER___6 23660	22.68 1.22 0.00	21.75 1.01 0.00	19.82 0.94 0.00	18.75 0.86 0.00	18.78 0.85 0.00	21.55 0.97 0.00	27.62 1.40 0.00	28.80 1.58 0.00	30.98 1.86 0.00	29.03 1.82 -3.49	27.46 1.69 0.00	23.87 1.80 0.00	30.98 2.35 0.00	37.29 2.66 0.00	32.24 2.27 0.00	32.16 2.37 0.00	50.18 3.75 0.00	44.88 3.36 0.00	60.96 4.09 0.00	62.92 3.84 0.00	41.28 2.44 0.00	37.36 2.19 0.00	30.11 1.77 0.00	34.36 1.78 0.00

EAST RIVER___7 23524	22.68 1.22 0.00	21.75 1.01 0.00	19.82 0.94 0.00	18.75 0.86 0.00	18.78 0.85 0.00	21.55 0.97 0.00	27.62 1.40 0.00	28.80 1.58 0.00	30.98 1.86 0.00	29.03 1.82 0.00	27.46 1.69 -3.49	23.87 1.80 0.00	30.98 2.35 0.00	37.29 2.66 0.00	32.24 2.27 0.00	32.16 2.37 0.00	50.18 3.75 0.00	44.88 3.36 0.00	60.96 4.09 0.00	62.92 3.84 0.00	41.28 2.44 0.00	37.36 2.19 0.00	30.11 1.77 0.00	34.36 1.78 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.63 1.18 0.00	21.72 0.98 0.00	19.74 0.86 0.00	18.68 0.78 0.00	18.72 0.79 0.00	21.52 0.93 0.00	27.60 1.38 0.00	28.76 1.54 0.00	30.90 1.78 0.00	28.89 1.69 0.00	27.53 1.55 -3.71	23.71 1.64 0.00	30.80 2.16 0.00	37.10 2.47 0.00	32.05 2.09 0.00	31.98 2.19 0.00	49.92 3.49 0.00	44.68 3.17 0.00	60.79 3.91 0.00	62.75 3.68 0.00	41.20 2.35 0.00	37.25 2.08 0.00	29.99 1.65 0.00	34.29 1.72 0.00
EAST_HAMPTON___DIESEL 23722	37.28 3.15 -12.68	23.52 2.78 0.00	21.56 2.68 0.00	20.20 2.30 0.00	20.36 2.43 0.00	23.30 2.71 0.00	29.53 3.31 0.00	30.63 3.42 0.00	33.48 4.36 -0.01	31.18 3.76 -0.21	37.26 3.34 -11.65	25.50 3.44 0.00	33.10 4.47 0.00	45.81 5.57 -5.62	35.41 4.59 -0.84	41.99 4.86 -7.35	54.16 7.73 0.00	61.12 7.30 -12.30	68.06 9.34 -1.85	68.26 9.18 0.00	45.45 5.74 -0.87	40.15 4.98 0.00	32.30 3.96 0.00	36.76 4.19 0.00
EAST_PULASKI___ESR 323781	21.20 -0.25 0.00	20.40 -0.34 0.00	18.47 -0.41 0.00	17.58 -0.31 0.00	17.65 -0.28 0.00	20.31 -0.28 0.00	25.98 -0.25 0.00	26.94 -0.27 0.00	28.99 -0.13 0.00	27.30 0.09 0.00	22.27 -0.01 0.00	22.00 -0.07 0.00	29.14 -0.39 -0.90	34.48 -0.14 0.00	29.54 -0.43 0.00	29.12 -0.66 0.00	45.27 -1.16 0.00	40.55 -0.97 0.00	55.65 -1.23 0.00	58.28 -0.91 -0.11	38.42 -0.43 0.00	34.95 -0.22 0.00	28.15 -0.19 0.00	32.35 -0.22 0.00
EAST_RIVER___1 323558	22.70 1.25 0.00	21.77 1.03 0.00	19.80 0.92 0.00	18.73 0.83 0.00	18.77 0.84 0.00	21.56 0.98 0.00	27.67 1.45 0.00	28.85 1.64 0.00	31.02 1.90 0.00	29.05 1.85 0.00	27.47 1.71 -3.49	23.88 1.82 0.00	31.00 2.37 0.00	37.30 2.67 0.00	32.24 2.27 0.00	32.15 2.37 0.00	50.18 3.75 0.00	44.90 3.38 0.00	61.01 4.13 0.00	62.93 3.85 0.00	41.31 2.46 0.00	37.39 2.21 0.00	30.11 1.77 0.00	34.39 1.82 0.00
EAST_RIVER___2 323559	22.68 1.22 0.00	21.75 1.01 0.00	19.82 0.94 0.00	18.75 0.86 0.00	18.78 0.85 0.00	21.55 0.97 0.00	27.62 1.40 0.00	28.80 1.58 0.00	30.98 1.86 0.00	29.03 1.82 0.00	27.46 1.69 -3.49	23.87 1.80 0.00	30.98 2.35 0.00	37.29 2.66 0.00	32.24 2.27 0.00	32.16 2.37 0.00	50.18 3.75 0.00	44.88 3.36 0.00	60.96 4.09 0.00	62.92 3.84 0.00	41.28 2.44 0.00	37.36 2.19 0.00	30.11 1.77 0.00	34.36 1.78 0.00
EAST___DELAWARE_HYD 23607	22.24 0.79 0.00	21.32 0.58 0.00	19.40 0.52 0.00	18.33 0.43 0.00	18.38 0.44 0.00	21.12 0.53 0.00	27.09 0.87 0.00	28.21 0.99 0.00	30.23 1.11 0.00	28.23 1.03 0.00	22.72 0.94 0.49	23.09 1.02 0.00	29.92 1.28 0.00	35.33 0.70 0.00	30.52 0.55 0.00	30.52 0.73 0.00	47.79 1.36 0.00	42.76 1.24 0.00	58.33 1.46 0.00	60.38 1.31 0.00	39.75 0.91 0.00	36.79 1.62 0.00	29.55 1.21 0.00	33.75 1.18 0.00
EIGHT_POINT___WT_PWR 323820	21.80 0.34 0.00	20.74 0.00 0.00	18.82 -0.06 0.00	17.98 0.08 0.00	18.02 0.08 0.00	20.66 0.07 0.00	26.35 0.13 0.00	27.36 0.14 0.00	29.36 0.23 0.00	27.63 0.43 0.00	22.23 -0.04 0.00	21.81 -0.25 0.00	28.46 -0.29 -0.11	34.30 -0.33 0.00	29.58 -0.39 0.00	29.55 -0.24 0.00	46.90 0.48 0.00	41.55 0.03 0.00	57.36 0.49 0.00	59.81 0.72 -0.01	39.40 0.55 0.00	35.87 0.70 0.00	28.87 0.53 0.00	33.46 0.88 0.00
ELBRIDGE_115KV_TB2 80188	21.37 -0.08 0.00	20.60 -0.14 0.00	18.74 -0.13 0.00	17.75 -0.15 0.00	17.80 -0.14 0.00	20.43 -0.16 0.00	26.07 -0.15 0.00	27.12 -0.10 0.00	28.97 -0.16 0.00	27.08 -0.13 0.00	22.16 -0.11 0.00	21.91 -0.15 0.00	29.07 -0.18 -0.61	34.39 -0.23 0.00	29.70 -0.27 0.00	29.53 -0.25 0.00	46.06 -0.36 0.00	41.17 -0.34 0.00	56.35 -0.53 0.00	58.66 -0.49 -0.07	38.53 -0.32 0.00	34.96 -0.21 0.00	28.16 -0.18 0.00	32.38 -0.19 0.00
ELEC_TRO_TEK 24086	35.68 1.56 -12.67	22.05 1.31 0.00	20.04 1.17 0.00	18.92 1.02 0.00	19.01 1.08 0.00	21.84 1.25 0.00	27.99 1.77 0.00	29.15 1.94 0.00	31.46 2.34 0.00	29.42 2.00 -0.21	35.84 1.92 -11.64	24.02 1.95 0.00	31.16 2.53 0.00	43.26 3.02 -5.61	33.36 2.55 -0.84	39.81 2.67 -7.35	50.58 4.15 0.00	57.62 3.81 -12.30	63.42 4.70 -1.84	63.59 4.52 0.00	42.66 2.94 -0.87	37.77 2.60 0.00	30.43 2.10 0.00	34.78 2.20 0.00
ELLENBURG_WT_PWR 323604	21.18 -0.27 0.00	20.55 -0.18 0.00	18.87 -0.01 0.00	17.93 0.04 0.00	18.01 0.07 0.00	20.65 0.07 0.00	26.42 0.19 0.00	27.37 0.16 0.00	29.57 0.45 0.00	27.64 0.43 0.00	22.47 0.20 0.00	22.09 0.03 0.00	28.46 -0.18 0.00	34.65 0.02 0.00	30.06 0.10 0.00	29.88 0.09 0.00	46.19 -0.23 0.00	41.53 0.02 0.00	57.43 0.55 0.00	59.91 0.84 0.00	39.31 0.47 0.00	35.37 0.19 0.00	28.52 0.17 0.00	33.20 0.62 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.70 0.24 0.00	20.78 0.04 0.00	18.87 -0.01 0.00	17.90 0.01 0.00	17.85 -0.08 0.00	20.42 -0.16 0.00	26.21 -0.01 0.00	27.30 0.08 0.00	29.17 0.04 0.00	27.54 0.33 0.00	22.39 0.12 0.00	22.00 -0.06 0.00	28.51 -0.13 0.00	34.09 -0.53 0.00	29.39 -0.58 0.00	29.18 -0.60 0.00	45.68 -0.75 0.00	40.64 -0.88 0.00	55.78 -1.10 0.00	57.99 -1.09 0.00	38.14 -0.70 0.00	34.81 -0.36 0.00	28.21 -0.13 0.00	32.89 0.31 0.00
EMPIRE_CC_1 323656	22.04 0.59 0.00	21.36 0.63 0.00	19.48 0.60 0.00	18.45 0.55 0.00	18.48 0.55 0.00	21.21 0.63 0.00	26.94 0.72 0.00	27.86 0.64 0.00	29.79 0.67 0.00	27.76 0.55 0.00	23.71 0.48 -0.96	22.61 0.54 0.00	29.41 0.78 0.00	35.51 0.88 0.00	30.62 0.65 0.00	30.38 0.60 0.00	47.30 0.87 0.00	42.39 0.87 0.00	58.12 1.24 0.00	60.50 1.42 0.00	39.92 1.07 0.00	35.99 0.82 0.00	29.07 0.73 0.00	33.30 0.73 0.00
EMPIRE_CC_2 323658	22.04 0.59 0.00	21.36 0.63 0.00	19.48 0.60 0.00	18.45 0.55 0.00	18.48 0.55 0.00	21.21 0.63 0.00	26.94 0.72 0.00	27.86 0.64 0.00	29.79 0.67 0.00	27.76 0.55 0.00	23.71 0.48 -0.96	22.61 0.54 0.00	29.41 0.78 0.00	35.51 0.88 0.00	30.62 0.65 0.00	30.38 0.60 0.00	47.30 0.87 0.00	42.39 0.87 0.00	58.12 1.24 0.00	60.50 1.42 0.00	39.92 1.07 0.00	35.99 0.82 0.00	29.07 0.73 0.00	33.30 0.73 0.00
ENORWICH_115KV_TB1 80156	22.85 1.40 0.00	21.93 1.20 0.00	19.87 0.99 0.00	18.84 0.94 0.00	18.87 0.93 0.00	21.77 1.19 0.00	27.92 1.70 0.00	29.14 1.93 0.00	31.13 2.01 0.00	28.91 1.70 0.00	23.53 1.26 0.00	23.20 1.14 0.00	30.61 1.75 -0.23	36.96 2.33 0.00	31.99 2.03 0.00	31.50 1.71 0.00	49.03 2.61 0.00	43.84 2.32 0.00	60.52 3.65 0.00	63.45 4.34 -0.03	41.77 2.92 0.00	37.87 2.70 0.00	30.33 1.99 0.00	34.86 2.28 0.00

ERIE_ST__34_KV_TB1-2 80199	21.84 0.38 0.00	20.89 0.15 0.00	18.95 0.08 0.00	17.98 0.09 0.00	17.94 0.01 0.00	20.55 -0.04 0.00	26.39 0.17 0.00	27.53 0.31 0.00	29.42 0.30 0.00	27.82 0.62 0.00	22.61 0.34 0.00	22.22 0.16 0.00	28.84 0.20 0.00	34.53 -0.10 0.00	29.79 -0.18 0.00	29.58 -0.20 0.00	46.36 -0.07 0.00	41.23 -0.29 0.00	56.54 -0.34 0.00	58.75 -0.33 0.00	38.59 -0.25 0.00	35.22 0.05 0.00	28.49 0.15 0.00	33.18 0.61 0.00
ERIE_WT_PWR 323693	21.81 0.36 0.00	20.87 0.14 0.00	18.91 0.03 0.00	17.97 0.07 0.00	17.91 -0.02 0.00	20.52 -0.07 0.00	26.33 0.11 0.00	27.46 0.25 0.00	29.31 0.18 0.00	27.68 0.46 0.00	22.51 0.23 0.00	22.12 0.05 0.00	28.68 0.04 0.00	34.33 -0.30 0.00	29.60 -0.36 0.00	29.39 -0.40 0.00	46.04 -0.39 0.00	40.96 -0.56 0.00	56.19 -0.69 0.00	58.45 -0.62 0.00	38.42 -0.43 0.00	35.06 -0.11 0.00	28.40 0.06 0.00	33.10 0.52 0.00
ESPRGFLD_115KV_TB1 80157	22.68 1.22 0.00	21.81 1.08 0.00	19.84 0.96 0.00	18.79 0.89 0.00	18.82 0.89 0.00	21.66 1.07 0.00	27.72 1.50 0.00	28.85 1.64 0.00	30.89 1.77 0.00	28.86 1.65 0.00	23.59 1.32 0.00	23.27 1.21 0.00	30.14 1.51 0.00	36.53 1.90 0.00	31.57 1.60 0.00	31.48 1.69 0.00	49.09 2.66 0.00	43.84 2.33 0.00	60.19 3.32 0.00	62.51 3.43 0.00	40.99 2.15 0.00	37.24 2.07 0.00	29.95 1.61 0.00	34.49 1.92 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.90 0.44 0.00	21.05 0.31 0.00	19.12 0.24 0.00	18.13 0.23 0.00	18.17 0.24 0.00	20.88 0.30 0.00	26.71 0.49 0.00	27.82 0.61 0.00	29.70 0.58 0.00	27.73 0.52 0.00	22.64 0.37 0.00	22.36 0.30 0.00	29.40 0.44 -0.32	35.28 0.65 0.00	30.48 0.52 0.00	30.24 0.46 0.00	47.18 0.75 0.00	42.15 0.63 0.00	57.82 0.94 0.00	60.28 1.17 -0.04	39.65 0.80 0.00	35.97 0.81 0.00	28.92 0.58 0.00	33.22 0.65 0.00
ETNA____115KV_TB2 80207	21.90 0.44 0.00	21.05 0.31 0.00	19.12 0.24 0.00	18.13 0.23 0.00	18.17 0.24 0.00	20.88 0.30 0.00	26.71 0.49 0.00	27.82 0.61 0.00	29.70 0.58 0.00	27.73 0.52 0.00	22.64 0.37 0.00	22.36 0.30 0.00	29.40 0.44 -0.32	35.28 0.65 0.00	30.48 0.52 0.00	30.24 0.46 0.00	47.18 0.75 0.00	42.15 0.63 0.00	57.82 0.94 0.00	60.28 1.17 -0.04	39.65 0.80 0.00	35.97 0.81 0.00	28.92 0.58 0.00	33.22 0.65 0.00
EUCLID____115KV_TB2 356179	21.23 -0.22 0.00	20.45 -0.28 0.00	18.59 -0.29 0.00	17.64 -0.26 0.00	17.67 -0.27 0.00	20.29 -0.30 0.00	25.89 -0.33 0.00	26.90 -0.31 0.00	28.74 -0.38 0.00	26.88 -0.33 0.00	21.99 -0.28 0.00	21.74 -0.33 0.00	28.48 -0.42 -0.26	34.09 -0.54 0.00	29.47 -0.49 0.00	29.28 -0.50 0.00	45.65 -0.78 0.00	40.84 -0.68 0.00	55.93 -0.95 0.00	58.16 -0.95 -0.03	38.23 -0.62 0.00	34.65 -0.52 0.00	27.90 -0.44 0.00	32.12 -0.46 0.00
E_CANADA_CAP_HY 24051	22.97 1.52 0.00	22.14 1.40 0.00	20.17 1.30 0.00	19.09 1.19 0.00	19.13 1.20 0.00	22.01 1.42 0.00	28.12 1.91 0.00	29.24 2.03 0.00	31.25 2.13 0.00	29.12 1.91 0.00	24.29 1.48 -0.54	23.41 1.35 0.00	30.33 1.70 0.00	36.87 2.24 0.00	31.75 1.79 0.00	31.75 1.97 0.00	49.57 3.14 0.00	44.28 2.76 0.00	60.98 4.10 0.00	63.41 4.33 0.00	41.60 2.76 0.00	37.76 2.59 0.00	30.37 2.03 0.00	34.97 2.40 0.00
E_CANADA_MHWK_HY 24050	21.42 -0.04 0.00	20.66 -0.07 0.00	18.81 -0.07 0.00	17.83 -0.07 0.00	17.89 -0.04 0.00	20.55 -0.04 0.00	26.28 0.06 0.00	27.30 0.09 0.00	29.06 -0.07 0.00	26.99 -0.22 0.00	22.08 -0.19 0.00	21.97 -0.09 0.00	28.56 -0.08 0.00	34.79 0.16 0.00	29.89 -0.07 0.00	29.68 -0.11 0.00	46.43 0.01 0.00	41.79 0.27 0.00	57.30 0.43 0.00	59.93 0.85 0.00	39.54 0.69 0.00	35.63 0.46 0.00	28.67 0.33 0.00	32.76 0.18 0.00
E_FISHKILL____LBMP 23776	22.49 1.03 0.00	21.62 0.88 0.00	19.66 0.78 0.00	18.60 0.70 0.00	18.64 0.71 0.00	21.43 0.84 0.00	27.45 1.23 0.00	28.57 1.36 0.00	30.67 1.55 0.00	28.66 1.45 0.00	24.95 1.32 -1.36	23.46 1.40 0.00	30.48 1.85 0.00	36.74 2.11 0.00	31.74 1.77 0.00	31.64 1.85 0.00	49.39 2.97 0.00	44.20 2.68 0.00	60.23 3.35 0.00	62.28 3.20 0.00	40.92 2.07 0.00	36.98 1.82 0.00	29.79 1.45 0.00	34.06 1.49 0.00
FALCON____SEABRD_CC1 323796	21.44 -0.02 0.00	20.78 0.05 0.00	19.05 0.18 0.00	18.12 0.22 0.00	18.20 0.27 0.00	20.90 0.32 0.00	26.74 0.52 0.00	27.66 0.45 0.00	29.90 0.78 0.00	27.94 0.73 0.00	22.73 0.45 0.00	22.33 0.27 0.00	28.79 0.16 0.00	35.06 0.43 0.00	30.39 0.42 0.00	30.18 0.39 0.00	46.69 0.27 0.00	42.06 0.54 0.00	58.16 1.29 0.00	60.63 1.56 0.00	39.80 0.95 0.00	35.78 0.60 0.00	28.84 0.50 0.00	33.61 1.03 0.00
FALCON____SEABRD_CC2 323797	21.44 -0.02 0.00	20.78 0.05 0.00	19.05 0.18 0.00	18.12 0.22 0.00	18.20 0.27 0.00	20.90 0.32 0.00	26.74 0.52 0.00	27.66 0.45 0.00	29.90 0.78 0.00	27.94 0.73 0.00	22.73 0.45 0.00	22.33 0.27 0.00	28.79 0.16 0.00	35.06 0.43 0.00	30.39 0.42 0.00	30.18 0.39 0.00	46.69 0.27 0.00	42.06 0.54 0.00	58.16 1.29 0.00	60.63 1.56 0.00	39.80 0.95 0.00	35.78 0.60 0.00	28.84 0.50 0.00	33.61 1.03 0.00
FAR ROCKAWAY____4 23548	36.06 1.94 -12.67	22.39 1.65 0.00	20.32 1.45 0.00	19.19 1.29 0.00	19.27 1.34 0.00	22.15 1.57 0.00	28.40 2.19 0.00	29.61 2.40 0.00	31.97 2.85 0.00	29.88 2.47 -0.21	36.22 2.31 -11.64	24.39 2.33 0.00	31.55 2.91 0.00	43.79 3.55 -5.61	33.84 3.03 -0.84	40.29 3.16 -7.35	51.33 4.90 0.00	58.32 4.51 -12.30	64.62 5.90 -1.84	64.72 5.65 0.00	43.48 3.77 -0.87	38.52 3.35 0.00	31.03 2.69 0.00	35.37 2.80 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.73 1.27 0.00	21.79 1.05 0.00	19.81 0.93 0.00	18.74 0.85 0.00	18.78 0.85 0.00	21.58 1.00 0.00	27.71 1.48 0.00	28.89 1.68 0.00	31.07 1.95 0.00	29.10 1.89 0.00	27.50 1.73 -3.49	23.90 1.84 0.00	31.04 2.40 0.00	37.33 2.70 0.00	32.26 2.30 0.00	32.18 2.39 0.00	50.23 3.80 0.00	44.94 3.42 0.00	61.06 4.19 0.00	62.99 3.91 0.00	41.35 2.50 0.00	37.42 2.25 0.00	30.14 1.80 0.00	34.42 1.85 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.75 1.29 0.00	21.81 1.07 0.00	19.83 0.95 0.00	18.76 0.86 0.00	18.79 0.86 0.00	21.60 1.01 0.00	27.72 1.50 0.00	28.91 1.69 0.00	31.08 1.96 0.00	29.11 1.90 0.00	27.51 1.74 -3.49	23.92 1.86 0.00	31.05 2.41 0.00	37.35 2.72 0.00	32.28 2.31 0.00	32.20 2.41 0.00	50.26 3.84 0.00	44.97 3.45 0.00	61.11 4.24 0.00	63.05 3.97 0.00	41.38 2.53 0.00	37.45 2.28 0.00	30.16 1.82 0.00	34.46 1.88 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.72 1.26 0.00	21.78 1.04 0.00	19.80 0.93 0.00	18.74 0.84 0.00	18.77 0.84 0.00	21.58 0.99 0.00	27.69 1.47 0.00	28.88 1.67 0.00	31.05 1.93 0.00	29.08 1.87 0.00	27.48 1.72 -3.49	23.90 1.84 0.00	31.02 2.38 0.00	37.31 2.68 0.00	32.24 2.28 0.00	32.16 2.38 0.00	50.20 3.77 0.00	44.91 3.39 0.00	61.04 4.17 0.00	62.94 3.87 0.00	41.32 2.47 0.00	37.39 2.22 0.00	30.11 1.77 0.00	34.40 1.82 0.00

FARRAGUT___LBMP 323566	22.70 1.24 0.00	21.76 1.02 0.00	19.78 0.90 0.00	18.72 0.82 0.00	18.76 0.82 0.00	21.56 0.97 0.00	27.67 1.45 0.00	28.85 1.64 0.00	31.01 1.89 0.00	29.05 1.84 0.00	27.46 1.69 -3.49	23.86 1.80 0.00	30.98 2.34 0.00	37.26 2.64 0.00	32.20 2.24 0.00	32.12 2.33 0.00	50.14 3.71 0.00	44.87 3.35 0.00	60.96 4.08 0.00	62.88 3.81 0.00	41.28 2.44 0.00	37.36 2.19 0.00	30.09 1.75 0.00	34.37 1.79 0.00
FENNER___WINDPWR 24204	21.81 0.36 0.00	21.00 0.26 0.00	19.04 0.16 0.00	18.07 0.17 0.00	18.12 0.18 0.00	20.85 0.27 0.00	26.66 0.43 0.00	27.74 0.52 0.00	29.66 0.54 0.00	27.70 0.50 0.00	22.67 0.40 0.00	22.43 0.37 0.00	29.34 0.46 -0.24	35.19 0.56 0.00	30.40 0.43 0.00	30.21 0.42 0.00	47.13 0.71 0.00	42.16 0.64 0.00	57.82 0.94 0.00	60.28 1.17 -0.03	39.71 0.86 0.00	35.99 0.82 0.00	28.94 0.60 0.00	33.23 0.66 0.00
FIBERTEK___ENERGY 23856	21.46 0.00 0.00	20.67 -0.07 0.00	18.79 -0.09 0.00	17.82 -0.08 0.00	17.85 -0.09 0.00	20.50 -0.09 0.00	26.17 -0.05 0.00	27.22 0.00 0.00	29.13 0.01 0.00	27.27 0.06 0.00	22.31 0.04 0.00	22.06 0.00 0.00	29.18 -0.03 -0.57	34.64 0.01 0.00	29.86 -0.10 0.00	29.65 -0.13 0.00	46.25 -0.18 0.00	41.39 -0.13 0.00	56.63 -0.24 0.00	58.95 -0.20 -0.07	38.73 -0.12 0.00	35.11 -0.07 0.00	28.26 -0.08 0.00	32.50 -0.08 0.00
FITZPATRICK____ 23598	20.91 -0.54 0.00	20.17 -0.57 0.00	18.34 -0.54 0.00	17.39 -0.50 0.00	17.43 -0.51 0.00	20.00 -0.58 0.00	25.48 -0.74 0.00	26.46 -0.76 0.00	28.26 -0.86 0.00	26.41 -0.80 0.00	21.61 -0.66 0.00	21.38 -0.68 0.00	24.63 -0.90 3.11	33.53 -1.10 0.00	29.00 -0.97 0.00	28.81 -0.97 0.00	44.91 -1.51 0.00	40.18 -1.34 0.00	55.03 -1.85 0.00	56.82 -1.89 0.37	37.62 -1.23 0.00	34.10 -1.07 0.00	27.48 -0.86 0.00	31.61 -0.96 0.00
FLOWRFLD_69_KV_BK1 356044	36.26 2.13 -12.68	22.58 1.84 0.00	20.59 1.71 0.00	19.35 1.46 0.00	19.50 1.57 0.00	22.37 1.79 0.00	28.53 2.31 0.00	29.62 2.41 0.00	32.16 3.03 0.00	29.90 2.49 -0.21	36.22 2.31 -11.64	24.43 2.37 0.00	31.65 3.02 0.00	43.96 3.72 -5.61	33.85 3.05 -0.84	40.39 3.26 -7.35	51.53 5.11 0.00	58.63 4.82 -12.30	64.78 6.06 -1.84	64.90 5.82 0.00	43.42 3.71 -0.87	38.36 3.19 0.00	31.03 2.69 0.00	35.43 2.86 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.76 1.31 0.00	21.85 1.12 0.00	19.86 0.98 0.00	18.80 0.90 0.00	18.83 0.90 0.00	21.66 1.07 0.00	27.77 1.55 0.00	28.93 1.71 0.00	31.06 1.95 0.00	29.02 1.82 0.00	23.89 1.62 0.00	23.78 1.72 0.00	30.92 2.28 0.00	37.32 2.69 0.00	32.24 2.28 0.00	32.18 2.40 0.00	50.31 3.88 0.00	45.03 3.51 0.00	61.33 4.45 0.00	63.35 4.28 0.00	41.60 2.75 0.00	37.57 2.40 0.00	30.23 1.89 0.00	34.54 1.96 0.00
FORT ORANGE____ 23900	21.99 0.54 0.00	21.26 0.52 0.00	19.38 0.51 0.00	18.35 0.45 0.00	18.39 0.46 0.00	21.12 0.53 0.00	26.93 0.71 0.00	27.91 0.69 0.00	29.85 0.73 0.00	27.82 0.61 0.00	23.57 0.52 -0.78	22.65 0.59 0.00	29.50 0.87 0.00	35.66 1.04 0.00	30.83 0.86 0.00	30.56 0.77 0.00	47.69 1.27 0.00	42.76 1.24 0.00	58.48 1.60 0.00	60.84 1.76 0.00	40.13 1.28 0.00	36.19 1.03 0.00	29.17 0.83 0.00	33.38 0.80 0.00
FORT_DRUM_COGEN 23780	21.40 -0.06 0.00	20.54 -0.20 0.00	18.39 -0.49 0.00	17.67 -0.23 0.00	17.85 -0.08 0.00	20.63 0.05 0.00	26.67 0.45 0.00	27.74 0.52 0.00	29.63 0.51 0.00	27.71 0.50 0.00	22.53 0.26 0.00	22.27 0.20 0.00	29.11 0.02 -0.45	34.86 0.23 0.00	30.17 0.20 0.00	29.78 -0.01 0.00	46.13 -0.29 0.00	41.24 -0.27 0.00	57.02 0.14 0.00	60.44 1.31 -0.05	40.03 1.18 0.00	36.31 1.14 0.00	29.18 0.84 0.00	33.52 0.94 0.00
FPL_FAR_ROCK_GT1 24212	36.06 1.94 -12.67	22.39 1.65 0.00	20.34 1.46 0.00	19.20 1.30 0.00	19.27 1.34 0.00	22.15 1.57 0.00	28.40 2.19 0.00	29.61 2.40 0.00	31.97 2.85 -0.01	29.88 2.47 -0.21	36.23 2.31 -11.65	24.39 2.33 0.00	31.55 2.91 0.00	43.80 3.56 -5.62	33.84 3.03 -0.84	40.29 3.16 -7.35	51.33 4.90 0.00	58.32 4.51 -12.30	64.63 5.90 -1.85	64.72 5.64 0.00	43.49 3.77 -0.87	38.52 3.35 0.00	31.03 2.69 0.00	35.37 2.80 0.00
FPL_FAR_ROCK_GT2 23815	36.06 1.94 -12.67	22.39 1.65 0.00	20.34 1.46 0.00	19.20 1.30 0.00	19.27 1.34 0.00	22.15 1.57 0.00	28.40 2.19 0.00	29.61 2.40 0.00	31.97 2.85 -0.01	29.88 2.47 -0.21	36.23 2.31 -11.65	24.39 2.33 0.00	31.55 2.91 0.00	43.80 3.56 -5.62	33.84 3.03 -0.84	40.29 3.16 -7.35	51.33 4.90 0.00	58.32 4.51 -12.30	64.63 5.90 -1.85	64.72 5.64 0.00	43.49 3.77 -0.87	38.52 3.35 0.00	31.03 2.69 0.00	35.37 2.80 0.00
FRANKLIN_FALL_HYD 24054	21.37 -0.09 0.00	20.74 0.00 0.00	18.97 0.09 0.00	18.03 0.13 0.00	18.08 0.14 0.00	20.76 0.17 0.00	26.55 0.33 0.00	27.50 0.29 0.00	29.61 0.48 0.00	27.66 0.45 0.00	22.50 0.23 0.00	22.14 0.08 0.00	28.52 -0.12 0.00	34.74 0.12 0.00	30.21 0.25 0.00	29.94 0.15 0.00	46.38 -0.05 0.00	41.70 0.18 0.00	57.53 0.65 0.00	60.04 0.96 0.00	39.44 0.60 0.00	35.52 0.35 0.00	28.68 0.34 0.00	33.30 0.73 0.00
FREEPORT_EQUS_GT1 23764	35.90 1.77 -12.67	22.23 1.49 0.00	20.21 1.33 0.00	19.06 1.16 0.00	19.16 1.22 0.00	21.99 1.41 0.00	28.19 1.97 0.00	29.38 2.17 0.00	31.74 2.62 -0.01	29.64 2.22 -0.21	36.04 2.12 -11.65	24.21 2.15 0.00	31.42 2.78 0.00	43.59 3.35 -5.62	33.60 2.78 -0.84	40.05 2.91 -7.35	50.95 4.53 0.00	57.98 4.16 -12.30	63.91 5.18 -1.85	64.09 5.01 0.00	42.98 3.27 -0.87	38.04 2.87 0.00	30.65 2.31 0.00	35.01 2.43 0.00
FREEPORT___CT2 23818	35.90 1.77 -12.67	22.23 1.49 0.00	20.21 1.33 0.00	19.06 1.16 0.00	19.16 1.22 0.00	21.99 1.41 0.00	28.19 1.97 0.00	29.38 2.17 0.00	31.74 2.62 -0.01	29.64 2.22 -0.21	36.04 2.12 -11.65	24.21 2.15 0.00	31.42 2.78 0.00	43.59 3.35 -5.62	33.60 2.78 -0.84	40.05 2.91 -7.35	50.95 4.53 0.00	57.98 4.16 -12.30	63.91 5.18 -1.85	64.09 5.01 0.00	42.98 3.27 -0.87	38.04 2.87 0.00	30.65 2.31 0.00	35.01 2.43 0.00
FRESHKLS_33_KV_LOAD 356253	22.73 1.27 0.00	21.79 1.06 0.00	19.81 0.93 0.00	18.74 0.84 0.00	18.77 0.84 0.00	21.60 1.01 0.00	27.67 1.45 0.00	28.82 1.61 0.00	30.46 1.75 0.41	28.97 1.76 0.00	27.40 1.63 -3.49	23.81 1.74 0.00	30.00 2.26 0.89	31.56 2.56 5.63	32.04 2.16 0.09	32.05 2.26 0.00	49.96 3.53 0.00	44.75 3.24 0.00	60.82 3.94 0.00	62.80 3.72 0.00	41.23 2.38 0.00	37.31 2.14 0.00	30.11 1.79 0.02	34.26 1.68 0.00
FULTON COGEN____ 23766	21.20 -0.25 0.00	20.43 -0.31 0.00	18.56 -0.32 0.00	17.62 -0.28 0.00	17.65 -0.29 0.00	20.27 -0.31 0.00	25.85 -0.38 0.00	26.83 -0.38 0.00	28.95 -0.18 0.00	27.32 0.11 0.00	22.35 0.08 0.00	22.07 0.01 0.00	29.34 -0.31 -1.02	34.61 -0.02 0.00	29.58 -0.39 0.00	29.18 -0.61 0.00	45.49 -0.93 0.00	40.71 -0.81 0.00	55.76 -1.12 0.00	58.14 -1.06 -0.12	38.19 -0.66 0.00	34.63 -0.54 0.00	27.87 -0.47 0.00	31.99 -0.58 0.00

FULTON___LFGE 323630	23.71 2.26 0.00	22.81 2.07 0.00	20.67 1.79 0.00	19.62 1.72 0.00	19.65 1.72 0.00	22.65 2.06 0.00	29.10 2.88 0.00	30.20 2.98 0.00	32.40 3.28 0.00	28.98 1.77 0.00	24.31 1.43 -0.61	23.01 0.94 0.00	30.22 1.58 0.00	39.09 4.47 0.00	32.06 2.09 0.00	32.65 2.86 0.00	49.93 3.50 0.00	45.90 4.38 0.00	65.08 8.20 0.00	68.39 9.32 0.00	44.52 5.67 0.00	39.96 4.79 0.00	32.06 3.72 0.00	36.71 4.13 0.00
G.F.CEMENT___DRP 24184	22.50 1.04 0.00	21.71 0.97 0.00	19.73 0.85 0.00	18.67 0.77 0.00	18.72 0.79 0.00	21.61 1.02 0.00	27.57 1.34 0.00	28.39 1.18 0.00	30.37 1.25 0.00	28.36 1.15 0.00	23.78 0.75 -0.76	23.00 0.94 0.00	30.04 1.40 0.00	36.28 1.65 0.00	31.26 1.29 0.00	31.02 1.24 0.00	48.40 1.97 0.00	43.45 1.93 0.00	60.24 3.37 0.00	62.90 3.82 0.00	41.51 2.66 0.00	37.27 2.10 0.00	29.92 1.59 0.00	34.25 1.67 0.00
GARDENVILLE___LBMP 24039	21.73 0.28 0.00	20.81 0.07 0.00	18.88 0.01 0.00	17.92 0.02 0.00	17.87 -0.06 0.00	20.46 -0.13 0.00	26.26 0.04 0.00	27.36 0.15 0.00	29.22 0.10 0.00	27.59 0.39 0.00	22.42 0.15 0.00	22.03 -0.03 0.00	28.56 -0.08 0.00	34.18 -0.45 0.00	29.48 -0.49 0.00	29.27 -0.51 0.00	45.85 -0.58 0.00	40.79 -0.72 0.00	55.98 -0.90 0.00	58.20 -0.88 0.00	38.28 -0.57 0.00	34.93 -0.24 0.00	28.29 -0.05 0.00	32.98 0.40 0.00
GARDNVLA_35_KV_LD 355827	21.83 0.38 0.00	20.89 0.16 0.00	18.96 0.08 0.00	17.99 0.10 0.00	17.94 0.01 0.00	20.53 -0.05 0.00	26.35 0.13 0.00	27.47 0.25 0.00	29.34 0.22 0.00	27.72 0.51 0.00	22.54 0.26 0.00	22.15 0.09 0.00	28.72 0.08 0.00	34.38 -0.24 0.00	29.66 -0.31 0.00	29.45 -0.33 0.00	46.13 -0.30 0.00	41.04 -0.47 0.00	56.30 -0.57 0.00	58.54 -0.54 0.00	38.50 -0.35 0.00	35.13 -0.05 0.00	28.45 0.11 0.00	33.14 0.56 0.00
GELCKHM___115KV_LOAD 80723	21.31 -0.14 0.00	20.53 -0.20 0.00	18.66 -0.22 0.00	17.70 -0.20 0.00	17.73 -0.20 0.00	20.36 -0.23 0.00	25.98 -0.24 0.00	27.01 -0.20 0.00	28.87 -0.25 0.00	27.02 -0.19 0.00	22.11 -0.17 0.00	21.86 -0.21 0.00	28.74 -0.27 -0.37	34.30 -0.33 0.00	29.62 -0.35 0.00	29.42 -0.36 0.00	45.87 -0.55 0.00	41.07 -0.45 0.00	56.20 -0.68 0.00	58.46 -0.66 -0.04	38.42 -0.43 0.00	34.82 -0.35 0.00	28.04 -0.30 0.00	32.25 -0.33 0.00
GENERAL___MILLS 23808	21.78 0.33 0.00	20.86 0.12 0.00	18.93 0.05 0.00	17.96 0.06 0.00	17.91 -0.03 0.00	20.50 -0.09 0.00	26.31 0.09 0.00	27.42 0.21 0.00	29.28 0.17 0.00	27.66 0.46 0.00	22.48 0.21 0.00	22.09 0.03 0.00	28.64 0.01 0.00	34.29 -0.34 0.00	29.58 -0.39 0.00	29.36 -0.42 0.00	45.99 -0.43 0.00	40.93 -0.59 0.00	56.15 -0.73 0.00	58.38 -0.70 0.00	38.39 -0.46 0.00	35.04 -0.14 0.00	28.37 0.02 0.00	33.06 0.48 0.00
GE_PLASTICS___DRP 24183	21.98 0.52 0.00	21.24 0.50 0.00	19.37 0.49 0.00	18.33 0.44 0.00	18.38 0.44 0.00	21.09 0.51 0.00	26.91 0.69 0.00	27.91 0.69 0.00	29.86 0.74 0.00	27.86 0.65 0.00	23.61 0.56 -0.78	22.68 0.62 0.00	29.52 0.89 0.00	35.65 1.03 0.00	30.81 0.84 0.00	30.58 0.79 0.00	47.68 1.25 0.00	42.69 1.17 0.00	58.36 1.48 0.00	60.66 1.58 0.00	39.98 1.13 0.00	36.09 0.92 0.00	29.10 0.76 0.00	33.33 0.76 0.00
GILBOA___1 23756	22.06 0.61 0.00	21.28 0.54 0.00	19.43 0.55 0.00	18.40 0.50 0.00	18.44 0.50 0.00	21.11 0.53 0.00	26.97 0.74 0.00	28.01 0.79 0.00	29.99 0.87 0.00	28.01 0.80 0.00	23.47 0.70 -0.50	22.81 0.75 0.00	29.64 1.01 0.00	35.79 1.16 0.00	30.92 0.96 0.00	30.75 0.96 0.00	47.85 1.42 0.00	42.72 1.20 0.00	58.25 1.37 0.00	60.54 1.46 0.00	39.92 1.08 0.00	36.16 0.99 0.00	29.19 0.85 0.00	33.46 0.88 0.00
GILBOA___2 23757	22.06 0.61 0.00	21.28 0.54 0.00	19.43 0.55 0.00	18.40 0.50 0.00	18.44 0.50 0.00	21.11 0.53 0.00	26.97 0.74 0.00	28.01 0.79 0.00	29.99 0.87 0.00	28.01 0.80 0.00	23.47 0.70 -0.50	22.81 0.75 0.00	29.64 1.01 0.00	35.79 1.16 0.00	30.92 0.96 0.00	30.75 0.96 0.00	47.85 1.42 0.00	42.72 1.20 0.00	58.25 1.37 0.00	60.54 1.46 0.00	39.92 1.08 0.00	36.16 0.99 0.00	29.19 0.85 0.00	33.46 0.88 0.00
GILBOA___3 23758	22.06 0.61 0.00	21.28 0.54 0.00	19.43 0.55 0.00	18.40 0.50 0.00	18.44 0.50 0.00	21.11 0.53 0.00	26.97 0.74 0.00	28.01 0.79 0.00	29.99 0.87 0.00	28.01 0.80 0.00	23.47 0.70 -0.50	22.81 0.75 0.00	29.64 1.01 0.00	35.79 1.16 0.00	30.92 0.96 0.00	30.75 0.96 0.00	47.85 1.42 0.00	42.72 1.20 0.00	58.25 1.37 0.00	60.54 1.46 0.00	39.92 1.08 0.00	36.16 0.99 0.00	29.19 0.85 0.00	33.46 0.88 0.00
GILBOA___4 23759	22.06 0.61 0.00	21.28 0.54 0.00	19.43 0.55 0.00	18.40 0.50 0.00	18.44 0.50 0.00	21.11 0.53 0.00	26.97 0.74 0.00	28.01 0.79 0.00	29.99 0.87 0.00	28.01 0.80 0.00	23.47 0.70 -0.50	22.81 0.75 0.00	29.64 1.01 0.00	35.79 1.16 0.00	30.92 0.96 0.00	30.75 0.96 0.00	47.85 1.42 0.00	42.72 1.20 0.00	58.25 1.37 0.00	60.54 1.46 0.00	39.92 1.08 0.00	36.16 0.99 0.00	29.19 0.85 0.00	33.46 0.88 0.00
GILBOA___ 23599	22.06 0.61 0.00	21.28 0.54 0.00	19.43 0.55 0.00	18.40 0.50 0.00	18.44 0.50 0.00	21.12 0.53 0.00	26.96 0.74 0.00	28.01 0.79 0.00	29.99 0.87 0.00	28.01 0.80 0.00	23.47 0.70 -0.50	22.81 0.75 0.00	29.64 1.01 0.00	35.79 1.16 0.00	30.92 0.96 0.00	30.75 0.96 0.00	47.85 1.42 0.00	42.72 1.20 0.00	58.25 1.37 0.00	60.54 1.47 0.00	39.92 1.07 0.00	36.16 0.99 0.00	29.19 0.85 0.00	33.46 0.88 0.00
GINNA___ 23603	20.68 -0.77 0.00	19.84 -0.89 0.00	18.01 -0.86 0.00	17.09 -0.81 0.00	17.07 -0.86 0.00	19.62 -0.96 0.00	25.09 -1.13 0.00	26.13 -1.09 0.00	27.94 -1.18 0.00	26.25 -0.95 0.00	21.45 -0.82 0.00	21.15 -0.91 0.00	27.42 -1.22 0.00	32.98 -1.65 0.00	28.51 -1.46 0.00	28.30 -1.48 0.00	44.07 -2.35 0.00	39.54 -1.98 0.00	54.32 -2.55 0.00	56.47 -2.61 0.00	37.09 -1.76 0.00	33.64 -1.53 0.00	27.11 -1.23 0.00	31.31 -1.27 0.00
GLEN PARK___ 23778	21.52 0.07 0.00	20.65 -0.09 0.00	18.49 -0.38 0.00	17.77 -0.13 0.00	17.95 0.01 0.00	20.74 0.15 0.00	26.82 0.60 0.00	27.90 0.68 0.00	29.79 0.67 0.00	27.83 0.62 0.00	22.64 0.37 0.00	22.37 0.31 0.00	29.21 0.09 -0.48	34.96 0.33 0.00	30.27 0.30 0.00	29.87 0.08 0.00	46.29 -0.14 0.00	41.36 -0.16 0.00	57.20 0.32 0.00	60.78 1.65 -0.06	40.30 1.45 0.00	36.57 1.40 0.00	29.36 1.02 0.00	33.70 1.12 0.00
GLENDALE_27_KV_LOAD 356172	22.86 1.41 0.00	21.92 1.18 0.00	19.91 1.03 0.00	18.84 0.94 0.00	18.87 0.94 0.00	21.71 1.12 0.00	27.86 1.64 0.00	29.07 1.86 0.00	31.26 2.13 0.00	29.28 2.07 0.00	27.65 1.89 -3.49	24.05 1.99 0.00	31.22 2.58 0.00	37.54 2.91 0.00	32.44 2.48 0.00	32.36 2.57 0.00	50.45 4.02 0.00	45.14 3.62 0.00	61.31 4.43 0.00	63.28 4.21 0.00	41.55 2.71 0.00	37.63 2.46 0.00	30.31 1.97 0.00	34.57 1.99 0.00

GLENWOOD_IC_1_G5 23712	35.65 1.53 -12.67	22.03 1.29 0.00	20.01 1.13 0.00	18.91 1.01 0.00	18.98 1.05 0.00	21.81 1.23 0.00	27.97 1.75 0.00	29.15 1.94 0.00	31.42 2.30 0.00	29.48 2.06 -0.21	35.88 1.96 -11.64	24.09 2.02 0.00	31.26 2.63 0.00	43.19 2.95 -5.61	33.26 2.45 -0.84	39.71 2.58 -7.35	50.48 4.06 0.00	57.50 3.68 -12.30	63.25 4.53 -1.84	63.39 4.31 0.00	42.49 2.78 -0.87	37.60 2.43 0.00	30.28 1.94 0.00	34.79 2.21 0.00
GLENWOOD_IC_2_G1 23688	35.52 1.40 -12.67	21.91 1.17 0.00	19.92 1.04 0.00	18.83 0.93 0.00	18.89 0.95 0.00	21.70 1.11 0.00	27.82 1.60 0.00	28.99 1.78 0.00	31.22 2.09 -0.01	29.32 1.90 -0.21	35.72 1.80 -11.65	23.93 1.86 0.00	31.07 2.43 0.00	43.06 2.82 -5.62	33.19 2.38 -0.84	39.63 2.50 -7.35	50.36 3.93 0.00	57.38 3.57 -12.30	63.15 4.43 -1.85	63.29 4.22 0.00	42.43 2.72 -0.87	37.56 2.39 0.00	30.24 1.90 0.00	34.59 2.01 0.00
GLENWOOD_IC_3_G1 23689	35.52 1.40 -12.67	21.91 1.17 0.00	19.92 1.04 0.00	18.83 0.93 0.00	18.89 0.95 0.00	21.70 1.11 0.00	27.82 1.60 0.00	28.99 1.78 0.00	31.22 2.09 -0.01	29.32 1.90 -0.21	35.72 1.80 -11.65	23.93 1.86 0.00	31.07 2.43 0.00	43.06 2.82 -5.62	33.19 2.38 -0.84	39.63 2.50 -7.35	50.36 3.93 0.00	57.38 3.57 -12.30	63.15 4.43 -1.85	63.29 4.22 0.00	42.43 2.72 -0.87	37.56 2.39 0.00	30.24 1.90 0.00	34.59 2.01 0.00
GLENWOOD___4 23550	35.65 1.53 -12.67	22.03 1.29 0.00	20.01 1.13 0.00	18.91 1.01 0.00	18.98 1.05 0.00	21.81 1.23 0.00	27.97 1.75 0.00	29.15 1.94 0.00	31.42 2.30 0.00	29.48 2.06 -0.21	35.88 1.96 -11.64	24.09 2.02 0.00	31.27 2.63 0.00	43.25 3.01 -5.61	33.33 2.52 -0.84	39.78 2.65 -7.35	50.59 4.16 0.00	57.62 3.80 -12.30	63.39 4.67 -1.84	63.53 4.45 0.00	42.58 2.87 -0.87	37.69 2.52 0.00	30.34 2.00 0.00	34.79 2.21 0.00
GLENWOOD___5 23614	35.65 1.53 -12.67	22.03 1.29 0.00	20.01 1.13 0.00	18.91 1.01 0.00	18.98 1.05 0.00	21.81 1.23 0.00	27.97 1.75 0.00	29.15 1.94 0.00	31.42 2.30 0.00	29.48 2.06 -0.21	35.88 1.96 -11.64	24.09 2.02 0.00	31.27 2.63 0.00	43.25 3.01 -5.61	33.33 2.52 -0.84	39.78 2.65 -7.35	50.59 4.16 0.00	57.62 3.80 -12.30	63.39 4.67 -1.84	63.53 4.45 0.00	42.58 2.87 -0.87	37.69 2.52 0.00	30.34 2.00 0.00	34.79 2.21 0.00
GLOBAL GREEN_PORT_GT1 23814	37.20 3.07 -12.68	23.44 2.70 0.00	21.48 2.60 0.00	20.13 2.23 0.00	20.29 2.35 0.00	23.22 2.64 0.00	29.44 3.22 0.00	30.53 3.32 0.00	33.36 4.23 -0.01	31.04 3.63 -0.21	37.15 3.23 -11.65	25.36 3.30 0.00	32.92 4.28 0.00	45.61 5.36 -5.62	35.26 4.45 -0.84	41.87 4.74 -7.35	53.98 7.55 0.00	60.95 7.13 -12.30	67.86 9.14 -1.85	68.02 8.94 0.00	45.32 5.61 -0.87	40.00 4.83 0.00	32.18 3.84 0.00	36.63 4.05 0.00
GLOBE___DSASP 323697	21.28 -0.17 0.00	20.41 -0.33 0.00	18.55 -0.33 0.00	17.59 -0.31 0.00	17.51 -0.43 0.00	20.01 -0.57 0.00	25.66 -0.56 0.00	26.66 -0.56 0.00	28.45 -0.67 0.00	26.82 -0.39 0.00	21.85 -0.42 0.00	21.46 -0.60 0.00	27.76 -0.88 0.00	33.12 -1.51 0.00	28.41 -1.55 0.00	28.16 -1.63 0.00	43.95 -2.48 0.00	39.09 -2.43 0.00	53.71 -3.17 0.00	55.84 -3.24 0.00	36.78 -2.06 0.00	33.59 -1.58 0.00	27.34 -1.00 0.00	31.95 -0.63 0.00
GOETHSLN___LBMP 323567	22.59 1.13 0.00	21.66 0.92 0.00	19.67 0.79 0.00	18.61 0.71 0.00	18.64 0.71 0.00	21.44 0.86 0.00	27.53 1.31 0.00	28.70 1.49 0.00	30.42 1.71 0.41	28.89 1.68 0.00	27.33 1.57 -3.49	23.76 1.70 0.00	30.83 2.20 0.00	37.07 2.44 0.00	32.03 2.07 0.00	31.96 2.17 0.00	49.91 3.48 0.00	44.67 3.15 0.00	60.69 3.81 0.00	62.56 3.48 0.00	41.05 2.20 0.00	37.15 1.98 0.00	29.89 1.58 0.02	34.19 1.61 0.00
GOLAH___69_KV_TB 1_2 80279	21.90 0.44 0.00	21.03 0.29 0.00	19.12 0.24 0.00	18.08 0.18 0.00	18.05 0.11 0.00	20.70 0.11 0.00	26.50 0.28 0.00	27.59 0.38 0.00	29.48 0.36 0.00	27.73 0.52 0.00	22.64 0.36 0.00	22.28 0.21 0.00	28.90 0.27 0.00	34.70 0.07 0.00	29.96 -0.01 0.00	29.72 -0.07 0.00	46.39 -0.03 0.00	41.48 -0.04 0.00	56.97 0.10 0.00	59.32 0.24 0.00	39.02 0.17 0.00	35.47 0.30 0.00	28.62 0.28 0.00	33.15 0.57 0.00
GOODYEAR_LAKE_HYD 323669	22.31 0.85 0.00	21.45 0.71 0.00	19.52 0.64 0.00	18.49 0.59 0.00	18.53 0.59 0.00	21.29 0.70 0.00	27.25 1.03 0.00	28.37 1.16 0.00	30.40 1.28 0.00	28.44 1.23 0.00	23.29 1.01 0.00	23.04 0.97 0.00	29.99 1.26 -0.09	36.13 1.50 0.00	31.27 1.31 0.00	31.13 1.35 0.00	48.53 2.11 0.00	43.35 1.83 0.00	59.30 2.42 0.00	61.59 2.50 -0.01	40.45 1.60 0.00	36.69 1.52 0.00	29.53 1.19 0.00	33.92 1.34 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.71 0.25 0.00	20.83 0.10 0.00	18.91 0.03 0.00	17.96 0.06 0.00	18.00 0.06 0.00	20.65 0.07 0.00	26.44 0.22 0.00	27.57 0.35 0.00	29.44 0.32 0.00	27.59 0.39 0.00	22.54 0.27 0.00	22.25 0.18 0.00	29.14 0.30 -0.21	34.92 0.29 0.00	30.22 0.25 0.00	30.03 0.25 0.00	46.94 0.52 0.00	41.88 0.36 0.00	57.22 0.35 0.00	59.53 0.42 -0.03	39.09 0.24 0.00	35.53 0.36 0.00	28.59 0.26 0.00	32.97 0.39 0.00
GOUDEY___7 23579	21.73 0.27 0.00	20.85 0.11 0.00	18.92 0.05 0.00	17.97 0.07 0.00	18.01 0.08 0.00	20.67 0.09 0.00	26.46 0.24 0.00	27.59 0.38 0.00	29.47 0.34 0.00	27.62 0.41 0.00	22.56 0.29 0.00	22.27 0.21 0.00	29.18 0.33 -0.21	34.95 0.32 0.00	30.25 0.29 0.00	30.07 0.28 0.00	47.00 0.57 0.00	41.93 0.41 0.00	57.29 0.42 0.00	59.58 0.48 -0.03	39.13 0.28 0.00	35.56 0.39 0.00	28.62 0.28 0.00	33.00 0.42 0.00
GOUDEY___8 23580	21.71 0.25 0.00	20.83 0.10 0.00	18.91 0.03 0.00	17.96 0.06 0.00	18.00 0.06 0.00	20.65 0.07 0.00	26.44 0.22 0.00	27.57 0.35 0.00	29.44 0.32 0.00	27.59 0.39 0.00	22.54 0.27 0.00	22.25 0.18 0.00	29.14 0.30 -0.21	34.92 0.29 0.00	30.22 0.25 0.00	30.03 0.25 0.00	46.94 0.52 0.00	41.88 0.36 0.00	57.22 0.35 0.00	59.53 0.42 -0.03	39.09 0.24 0.00	35.53 0.36 0.00	28.59 0.26 0.00	32.97 0.39 0.00
GOWANUS_GT1_1 24077	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.00 0.00	18.81 0.91 0.00	18.84 0.90 0.00	21.68 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.79 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.44 2.82 0.00	32.34 2.37 0.00	32.26 2.47 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.58 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.91 0.00
GOWANUS_GT1_2 24078	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.00 0.00	18.81 0.91 0.00	18.84 0.90 0.00	21.68 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.79 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.44 2.82 0.00	32.34 2.37 0.00	32.26 2.47 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.58 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.91 0.00

GOWANUS_GT1_3 24079	22.83 <u>1.37</u> 0.00	21.88 <u>1.14</u> 0.00	19.88 <u>1.00</u> 0.00	18.81 <u>0.91</u> 0.00	18.84 <u>0.90</u> 0.00	21.68 <u>1.09</u> 0.00	27.80 <u>1.58</u> 0.00	28.98 <u>1.77</u> 0.00	31.11 <u>1.99</u> 0.00	29.17 <u>1.96</u> 0.00	27.56 <u>1.79</u> -3.49	23.97 <u>1.91</u> 0.00	31.11 <u>2.48</u> 0.00	37.44 <u>2.82</u> 0.00	32.34 <u>2.37</u> 0.00	32.26 <u>2.47</u> 0.00	50.30 <u>3.87</u> 0.00	45.01 <u>3.49</u> 0.00	61.12 <u>4.24</u> 0.00	63.10 <u>4.02</u> 0.00	41.43 <u>2.58</u> 0.00	37.54 <u>2.37</u> 0.00	30.27 <u>1.93</u> 0.00	34.48 <u>1.91</u> 0.00
GOWANUS_GT1_4 24080	22.83 <u>1.37</u> 0.00	21.88 <u>1.14</u> 0.00	19.88 <u>1.00</u> 0.00	18.81 <u>0.91</u> 0.00	18.84 <u>0.90</u> 0.00	21.68 <u>1.09</u> 0.00	27.80 <u>1.58</u> 0.00	28.98 <u>1.77</u> 0.00	31.11 <u>1.99</u> 0.00	29.17 <u>1.96</u> 0.00	27.56 <u>1.79</u> -3.49	23.97 <u>1.91</u> 0.00	31.11 <u>2.48</u> 0.00	37.44 <u>2.82</u> 0.00	32.34 <u>2.37</u> 0.00	32.26 <u>2.47</u> 0.00	50.30 <u>3.87</u> 0.00	45.01 <u>3.49</u> 0.00	61.12 <u>4.24</u> 0.00	63.10 <u>4.02</u> 0.00	41.43 <u>2.58</u> 0.00	37.54 <u>2.37</u> 0.00	30.27 <u>1.93</u> 0.00	34.48 <u>1.91</u> 0.00
GOWANUS_GT1_5 24084	22.83 <u>1.37</u> 0.00	21.88 <u>1.14</u> 0.00	19.88 <u>1.00</u> 0.00	18.81 <u>0.91</u> 0.00	18.84 <u>0.90</u> 0.00	21.68 <u>1.09</u> 0.00	27.80 <u>1.58</u> 0.00	28.98 <u>1.77</u> 0.00	31.11 <u>1.99</u> 0.00	29.17 <u>1.96</u> 0.00	27.56 <u>1.79</u> -3.49	23.97 <u>1.91</u> 0.00	31.11 <u>2.48</u> 0.00	37.44 <u>2.82</u> 0.00	32.34 <u>2.37</u> 0.00	32.26 <u>2.47</u> 0.00	50.30 <u>3.87</u> 0.00	45.01 <u>3.49</u> 0.00	61.12 <u>4.24</u> 0.00	63.10 <u>4.02</u> 0.00	41.43 <u>2.58</u> 0.00	37.54 <u>2.37</u> 0.00	30.27 <u>1.93</u> 0.00	34.48 <u>1.91</u> 0.00
GOWANUS_GT1_6 24111	22.83 <u>1.37</u> 0.00	21.88 <u>1.14</u> 0.00	19.88 <u>1.00</u> 0.00	18.81 <u>0.91</u> 0.00	18.84 <u>0.90</u> 0.00	21.68 <u>1.09</u> 0.00	27.80 <u>1.58</u> 0.00	28.98 <u>1.77</u> 0.00	31.11 <u>1.99</u> 0.00	29.17 <u>1.96</u> 0.00	27.56 <u>1.79</u> -3.49	23.97 <u>1.91</u> 0.00	31.11 <u>2.48</u> 0.00	37.44 <u>2.82</u> 0.00	32.34 <u>2.37</u> 0.00	32.26 <u>2.47</u> 0.00	50.30 <u>3.87</u> 0.00	45.01 <u>3.49</u> 0.00	61.12 <u>4.24</u> 0.00	63.10 <u>4.02</u> 0.00	41.43 <u>2.58</u> 0.00	37.54 <u>2.37</u> 0.00	30.27 <u>1.93</u> 0.00	34.48 <u>-1.91</u> 0.00
GOWANUS_GT1_7 24112	22.83 <u>1.37</u> 0.00	21.88 <u>1.14</u> 0.00	19.88 <u>1.00</u> 0.00	18.81 <u>0.91</u> 0.00	18.84 <u>0.90</u> 0.00	21.68 <u>1.09</u> 0.00	27.80 <u>1.58</u> 0.00	28.98 <u>1.77</u> 0.00	31.11 <u>1.99</u> 0.00	29.17 <u>1.96</u> 0.00	27.56 <u>1.79</u> -3.49	23.97 <u>1.91</u> 0.00	31.11 <u>2.48</u> 0.00	37.44 <u>2.82</u> 0.00	32.34 <u>2.37</u> 0.00	32.26 <u>2.47</u> 0.00	50.30 <u>3.87</u> 0.00	45.01 <u>3.49</u> 0.00	61.12 <u>4.24</u> 0.00	63.10 <u>4.02</u> 0.00	41.43 <u>2.58</u> 0.00	37.54 <u>2.37</u> 0.00	30.27 <u>1.93</u> 0.00	34.48 <u>1.91</u> 0.00
GOWANUS_GT1_8 24113	22.83 <u>1.37</u> 0.00	21.88 <u>1.14</u> 0.00	19.88 <u>1.00</u> 0.00	18.81 <u>0.91</u> 0.00	18.84 <u>0.90</u> 0.00	21.68 <u>1.09</u> 0.00	27.80 <u>1.58</u> 0.00	28.98 <u>1.77</u> 0.00	31.11 <u>1.99</u> 0.00	29.17 <u>1.96</u> 0.00	27.56 <u>1.79</u> -3.49	23.97 <u>1.91</u> 0.00	31.11 <u>2.48</u> 0.00	37.44 <u>2.82</u> 0.00	32.34 <u>2.37</u> 0.00	32.26 <u>2.47</u> 0.00	50.30 <u>3.87</u> 0.00	45.01 <u>3.49</u> 0.00	61.12 <u>4.24</u> 0.00	63.10 <u>4.02</u> 0.00	41.43 <u>2.58</u> 0.00	37.54 <u>2.37</u> 0.00	30.27 <u>1.93</u> 0.00	34.48 <u>1.91</u> 0.00
GOWANUS_GT2_1 24114	22.83 <u>1.37</u> 0.00	21.88 <u>1.14</u> 0.00	19.88 <u>1.01</u> 0.00	18.81 <u>0.91</u> 0.00	18.85 <u>0.91</u> 0.00	21.67 <u>1.09</u> 0.00	27.80 <u>1.58</u> 0.00	28.98 <u>1.77</u> 0.00	31.11 <u>1.99</u> 0.00	29.17 <u>1.96</u> 0.00	27.56 <u>1.80</u> -3.49	23.97 <u>1.91</u> 0.00	31.11 <u>2.48</u> 0.00	37.45 <u>2.82</u> 0.00	32.34 <u>2.37</u> 0.00	32.26 <u>2.48</u> 0.00	50.30 <u>3.87</u> 0.00	45.01 <u>3.49</u> 0.00	61.12 <u>4.24</u> 0.00	63.10 <u>4.02</u> 0.00	41.43 <u>2.59</u> 0.00	37.54 <u>2.37</u> 0.00	30.27 <u>1.93</u> 0.00	34.48 <u>1.90</u> 0.00
GOWANUS_GT2_2 24115	22.83 <u>1.37</u> 0.00	21.88 <u>1.14</u> 0.00	19.88 <u>1.01</u> 0.00	18.81 <u>0.91</u> 0.00	18.85 <u>0.91</u> 0.00	21.67 <u>1.09</u> 0.00	27.80 <u>1.58</u> 0.00	28.98 <u>1.77</u> 0.00	31.11 <u>1.99</u> 0.00	29.17 <u>1.96</u> 0.00	27.56 <u>1.80</u> -3.49	23.97 <u>1.91</u> 0.00	31.11 <u>2.48</u> 0.00	37.45 <u>2.82</u> 0.00	32.34 <u>2.37</u> 0.00	32.26 <u>2.48</u> 0.00	50.30 <u>3.87</u> 0.00	45.01 <u>3.49</u> 0.00	61.12 <u>4.24</u> 0.00	63.10 <u>4.02</u> 0.00	41.43 <u>2.59</u> 0.00	37.54 <u>2.37</u> 0.00	30.27 <u>1.93</u> 0.00	34.48 <u>1.90</u> 0.00
GOWANUS_GT2_3 24116	22.83 <u>1.37</u> 0.00	21.88 <u>1.14</u> 0.00	19.88 <u>1.01</u> 0.00	18.81 <u>0.91</u> 0.00	18.85 <u>0.91</u> 0.00	21.67 <u>1.09</u> 0.00	27.80 <u>1.58</u> 0.00	28.98 <u>1.77</u> 0.00	31.11 <u>1.99</u> 0.00	29.17 <u>1.96</u> 0.00	27.56 <u>1.80</u> -3.49	23.97 <u>1.91</u> 0.00	31.11 <u>2.48</u> 0.00	37.45 <u>2.82</u> 0.00	32.34 <u>2.37</u> 0.00	32.26 <u>2.48</u> 0.00	50.30 <u>3.87</u> 0.00	45.01 <u>3.49</u> 0.00	61.12 <u>4.24</u> 0.00	63.10 <u>4.02</u> 0.00	41.43 <u>2.59</u> 0.00	37.54 <u>2.37</u> 0.00	30.27 <u>1.93</u> 0.00	34.48 <u>1.90</u> 0.00
GOWANUS_GT2_4 24117	22.83 <u>1.37</u> 0.00	21.88 <u>1.14</u> 0.00	19.88 <u>1.01</u> 0.00	18.81 <u>0.91</u> 0.00	18.85 <u>0.91</u> 0.00	21.67 <u>1.09</u> 0.00	27.80 <u>1.58</u> 0.00	28.98 <u>1.77</u> 0.00	31.11 <u>1.99</u> 0.00	29.17 <u>1.96</u> 0.00	27.56 <u>1.80</u> -3.49	23.97 <u>1.91</u> 0.00	31.11 <u>2.48</u> 0.00	37.45 <u>2.82</u> 0.00	32.34 <u>2.37</u> 0.00	32.26 <u>2.48</u> 0.00	50.30 <u>3.87</u> 0.00	45.01 <u>3.49</u> 0.00	61.12 <u>4.24</u> 0.00	63.10 <u>4.02</u> 0.00	41.43 <u>2.59</u> 0.00	37.54 <u>2.37</u> 0.00	30.27 <u>1.93</u> 0.00	34.48 <u>1.90</u> 0.00
GOWANUS_GT2_5 24118	22.83 <u>1.37</u> 0.00	21.88 <u>1.14</u> 0.00	19.88 <u>1.01</u> 0.00	18.81 <u>0.91</u> 0.00	18.85 <u>0.91</u> 0.00	21.67 <u>1.09</u> 0.00	27.80 <u>1.58</u> 0.00	28.98 <u>1.77</u> 0.00	31.11 <u>1.99</u> 0.00	29.17 <u>1.96</u> 0.00	27.56 <u>1.80</u> -3.49	23.97 <u>1.91</u> 0.00	31.11 <u>2.48</u> 0.00	37.45 <u>2.82</u> 0.00	32.34 <u>2.37</u> 0.00	32.26 <u>2.48</u> 0.00	50.30 <u>3.87</u> 0.00	45.01 <u>3.49</u> 0.00	61.12 <u>4.24</u> 0.00	63.10 <u>4.02</u> 0.00	41.43 <u>2.59</u> 0.00	37.54 <u>2.37</u> 0.00	30.27 <u>1.93</u> 0.00	34.48 <u>1.90</u> 0.00
GOWANUS_GT2_6 24119	22.83 <u>1.37</u> 0.00	21.88 <u>1.14</u> 0.00	19.88 <u>1.01</u> 0.00	18.81 <u>0.91</u> 0.00	18.85 <u>0.91</u> 0.00	21.67 <u>1.09</u> 0.00	27.80 <u>1.58</u> 0.00	28.98 <u>1.77</u> 0.00	31.11 <u>1.99</u> 0.00	29.17 <u>1.96</u> 0.00	27.56 <u>1.80</u> -3.49	23.97 <u>1.91</u> 0.00	31.11 <u>2.48</u> 0.00	37.45 <u>2.82</u> 0.00	32.34 <u>2.37</u> 0.00	32.26 <u>2.48</u> 0.00	50.30 <u>3.87</u> 0.00	45.01 <u>3.49</u> 0.00	61.12 <u>4.24</u> 0.00	63.10 <u>4.02</u> 0.00	41.43 <u>2.59</u> 0.00	37.54 <u>2.37</u> 0.00	30.27 <u>1.93</u> 0.00	34.48 <u>1.90</u> 0.00
GOWANUS_GT2_7 24120	22.83 <u>1.37</u> 0.00	21.88 <u>1.14</u> 0.00	19.88 <u>1.01</u> 0.00	18.81 <u>0.91</u> 0.00	18.85 <u>0.91</u> 0.00	21.67 <u>1.09</u> 0.00	27.80 <u>1.58</u> 0.00	28.98 <u>1.77</u> 0.00	31.11 <u>1.99</u> 0.00	29.17 <u>1.96</u> 0.00	27.56 <u>1.80</u> -3.49	23.97 <u>1.91</u> 0.00	31.11 <u>2.48</u> 0.00	37.45 <u>2.82</u> 0.00	32.34 <u>2.37</u> 0.00	32.26 <u>2.48</u> 0.00	50.30 <u>3.87</u> 0.00	45.01 <u>3.49</u> 0.00	61.12 <u>4.24</u> 0.00	63.10 <u>4.02</u> 0.00	41.43 <u>2.59</u> 0.00	37.54 <u>2.37</u> 0.00	30.27 <u>1.93</u> 0.00	34.48 <u>1.90</u> 0.00
GOWANUS_GT2_8 24121	22.83 <u>1.37</u> 0.00	21.88 <u>1.14</u> 0.00	19.88 <u>1.01</u> 0.00	18.81 <u>0.91</u> 0.00	18.85 <u>0.91</u> 0.00	21.67 <u>1.09</u> 0.00	27.80 <u>1.58</u> 0.00	28.98 <u>1.77</u> 0.00	31.11 <u>1.99</u> 0.00	29.17 <u>1.96</u> 0.00	27.56 <u>1.80</u> -3.49	23.97 <u>1.91</u> 0.00	31.11 <u>2.48</u> 0.00	37.45 <u>2.82</u> 0.00	32.34 <u>2.37</u> 0.00	32.26 <u>2.48</u> 0.00	50.30 <u>3.87</u> 0.00	45.01 <u>3.49</u> 0.00	61.12 <u>4.24</u> 0.00	63.10 <u>4.02</u> 0.00	41.43 <u>2.59</u> 0.00	37.54 <u>2.37</u> 0.00	30.27 <u>1.93</u> 0.00	34.48 <u>1.90</u> 0.00
GOWANUS_GT3_1 24122	22.83 <u>1.37</u> 0.00	21.88 <u>1.14</u> 0.00	19.88 <u>1.01</u> 0.00	18.81 <u>0.91</u> 0.00	18.85 <u>0.91</u> 0.00	21.67 <u>1.09</u> 0.00	27.80 <u>1.58</u> 0.00	28.98 <u>1.77</u> 0.00	31.11 <u>1.99</u> 0.00	29.17 <u>1.96</u> 0.00	27.56 <u>1.80</u> -3.49	23.97 <u>1.91</u> 0.00	31.11 <u>2.48</u> 0.00	37.45 <u>2.82</u> 0.00	32.34 <u>2.37</u> 0.00	32.26 <u>2.48</u> 0.00	50.30 <u>3.87</u> 0.00	45.01 <u>3.49</u> 0.00	61.12 <u>4.24</u> 0.00	63.10 <u>4.02</u> 0.00	41.43 <u>2.59</u> 0.00	37.54 <u>2.37</u> 0.00	30.27 <u>1.93</u> 0.00	34.48 <u>1.90</u> 0.00

GOWANUS_GT3_2 24123	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.01 0.00	18.81 0.91 0.00	18.85 0.91 0.00	21.67 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.80 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.45 2.82 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.59 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.90 0.00
GOWANUS_GT3_3 24124	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.01 0.00	18.81 0.91 0.00	18.85 0.91 0.00	21.67 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.80 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.45 2.82 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.59 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.90 0.00
GOWANUS_GT3_4 24125	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.01 0.00	18.81 0.91 0.00	18.85 0.91 0.00	21.67 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.80 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.45 2.82 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.59 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.90 0.00
GOWANUS_GT3_5 24126	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.01 0.00	18.81 0.91 0.00	18.85 0.91 0.00	21.67 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.80 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.45 2.82 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.59 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.90 0.00
GOWANUS_GT3_6 24127	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.01 0.00	18.81 0.91 0.00	18.85 0.91 0.00	21.67 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.80 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.45 2.82 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.59 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.90 0.00
GOWANUS_GT3_7 24128	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.01 0.00	18.81 0.91 0.00	18.85 0.91 0.00	21.67 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.80 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.45 2.82 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.59 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.90 0.00
GOWANUS_GT3_8 24129	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.01 0.00	18.81 0.91 0.00	18.85 0.91 0.00	21.67 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.80 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.45 2.82 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.59 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.90 0.00
GOWANUS_GT4_1 24130	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.00 0.00	18.81 0.91 0.00	18.84 0.90 0.00	21.68 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.79 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.44 2.82 0.00	32.34 2.37 0.00	32.26 2.47 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.58 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.91 0.00
GOWANUS_GT4_2 24131	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.00 0.00	18.81 0.91 0.00	18.84 0.90 0.00	21.68 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.79 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.44 2.82 0.00	32.34 2.37 0.00	32.26 2.47 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.58 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.91 0.00
GOWANUS_GT4_3 24132	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.00 0.00	18.81 0.91 0.00	18.84 0.90 0.00	21.68 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.79 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.44 2.82 0.00	32.34 2.37 0.00	32.26 2.47 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.58 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.91 0.00
GOWANUS_GT4_4 24133	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.00 0.00	18.81 0.91 0.00	18.84 0.90 0.00	21.68 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.79 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.44 2.82 0.00	32.34 2.37 0.00	32.26 2.47 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.58 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.91 0.00
GOWANUS_GT4_5 24134	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.00 0.00	18.81 0.91 0.00	18.84 0.90 0.00	21.68 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.79 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.44 2.82 0.00	32.34 2.37 0.00	32.26 2.47 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.58 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.91 0.00
GOWANUS_GT4_6 24135	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.00 0.00	18.81 0.91 0.00	18.84 0.90 0.00	21.68 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.79 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.44 2.82 0.00	32.34 2.37 0.00	32.26 2.47 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.58 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.91 0.00
GOWANUS_GT4_7 24136	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.00 0.00	18.81 0.91 0.00	18.84 0.90 0.00	21.68 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.79 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.44 2.82 0.00	32.34 2.37 0.00	32.26 2.47 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.58 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.91 0.00
GOWANUS_GT4_8 24137	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.00 0.00	18.81 0.91 0.00	18.84 0.90 0.00	21.68 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.79 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.44 2.82 0.00	32.34 2.37 0.00	32.26 2.47 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.58 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.91 0.00

GREENBSH_115KV_TB3 55895	21.87 0.42 0.00	21.16 0.42 0.00	19.29 0.41 0.00	18.26 0.36 0.00	18.30 0.37 0.00	21.01 0.43 0.00	26.79 0.57 0.00	27.76 0.55 0.00	29.71 0.59 0.00	27.70 0.49 0.00	23.51 0.44 -0.79	22.58 0.51 0.00	29.39 0.75 0.00	35.50 0.87 0.00	30.65 0.69 0.00	30.42 0.64 0.00	47.44 1.01 0.00	42.48 0.96 0.00	58.12 1.24 0.00	60.44 1.36 0.00	39.84 1.00 0.00	35.93 0.76 0.00	28.98 0.64 0.00	33.18 0.60 0.00
GREENDGE_115KV_TB5 80291	21.80 0.34 0.00	20.88 0.14 0.00	18.94 0.06 0.00	18.00 0.11 0.00	18.02 0.09 0.00	20.70 0.11 0.00	26.47 0.26 0.00	27.60 0.39 0.00	29.34 0.22 0.00	27.64 0.43 0.00	22.56 0.28 0.00	22.25 0.19 0.00	29.08 0.27 -0.17	34.69 0.06 0.00	30.08 0.11 0.00	29.84 0.06 0.00	46.64 0.21 0.00	41.63 0.11 0.00	57.16 0.27 0.00	59.59 0.49 -0.02	39.14 0.29 0.00	35.56 0.39 0.00	28.68 0.34 0.00	32.94 0.36 0.00
GREENIDGE___3 23582	21.80 0.34 0.00	20.88 0.14 0.00	18.94 0.06 0.00	18.00 0.11 0.00	18.02 0.09 0.00	20.70 0.11 0.00	26.47 0.26 0.00	27.60 0.39 0.00	29.34 0.22 0.00	27.64 0.43 0.00	22.56 0.28 0.00	22.25 0.19 0.00	29.08 0.27 -0.17	34.69 0.06 0.00	30.08 0.11 0.00	29.84 0.06 0.00	46.64 0.21 0.00	41.63 0.11 0.00	57.16 0.27 0.00	59.59 0.49 -0.02	39.14 0.29 0.00	35.56 0.39 0.00	28.68 0.34 0.00	32.94 0.36 0.00
GREENIDGE___4 23583	21.80 0.35 0.00	20.88 0.14 0.00	18.92 0.05 0.00	18.00 0.10 0.00	18.01 0.08 0.00	20.70 0.11 0.00	26.48 0.26 0.00	27.60 0.39 0.00	29.34 0.22 0.00	27.64 0.43 0.00	22.56 0.29 0.00	22.25 0.19 0.00	29.08 0.27 -0.17	34.68 0.05 0.00	30.08 0.11 0.00	29.83 0.05 0.00	46.64 0.21 0.00	41.64 0.11 0.00	57.16 0.28 0.00	59.59 0.49 -0.02	39.14 0.29 0.00	35.56 0.39 0.00	28.68 0.34 0.00	32.94 0.36 0.00
GREENLWN_69_KV_BK 3 55738	35.89 1.76 -12.67	22.25 1.51 0.00	20.24 1.36 0.00	19.09 1.19 0.00	19.19 1.26 0.00	22.04 1.46 0.00	28.22 2.00 0.00	29.35 2.14 0.00	31.74 2.62 0.00	29.56 2.15 -0.21	36.04 2.12 -11.64	24.18 2.12 0.00	31.29 2.65 0.00	43.50 3.26 -5.61	33.57 2.76 -0.84	40.04 2.91 -7.35	50.95 4.52 0.00	58.02 4.20 -12.30	63.92 5.20 -1.84	64.10 5.02 0.00	42.97 3.26 -0.87	37.96 2.79 0.00	30.61 2.27 0.00	34.97 2.40 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.00 0.00	18.81 0.91 0.00	18.84 0.90 0.00	21.68 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.79 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.44 2.82 0.00	32.34 2.37 0.00	32.26 2.47 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.58 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.91 0.00
GRISSOM___SOLAR 323813	23.71 2.26 0.00	22.81 2.07 0.00	20.67 1.79 0.00	19.62 1.72 0.00	19.65 1.72 0.00	22.65 2.06 0.00	29.10 2.88 0.00	30.20 2.98 0.00	32.40 3.28 0.00	28.98 1.77 0.00	24.31 1.43 -0.61	23.01 0.94 0.00	30.22 1.58 0.00	39.09 4.47 0.00	32.06 2.09 0.00	32.65 2.86 0.00	49.93 3.50 0.00	45.90 4.38 0.00	65.08 8.20 0.00	68.39 9.32 0.00	44.52 5.67 0.00	39.96 4.79 0.00	32.06 3.72 0.00	36.71 4.13 0.00
GROVEVILLE___HYD 323602	22.76 1.31 0.00	21.85 1.12 0.00	19.86 0.98 0.00	18.80 0.90 0.00	18.83 0.90 0.00	21.66 1.07 0.00	27.77 1.55 0.00	28.93 1.71 0.00	31.06 1.95 0.00	29.02 1.82 0.00	23.89 1.62 0.00	23.78 1.72 0.00	30.92 2.28 0.00	37.32 2.69 0.00	32.24 2.28 0.00	32.18 2.40 0.00	50.31 3.88 0.00	45.03 3.51 0.00	61.33 4.45 0.00	63.35 4.28 0.00	41.60 2.75 0.00	37.57 2.40 0.00	30.23 1.89 0.00	34.54 1.96 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.46 0.00 0.00	20.67 -0.07 0.00	18.79 -0.09 0.00	17.82 -0.08 0.00	17.85 -0.09 0.00	20.50 -0.09 0.00	26.17 -0.05 0.00	27.22 0.00 0.00	29.13 0.01 0.00	27.27 0.06 0.00	22.31 0.04 0.00	22.06 0.00 0.00	29.18 -0.03 -0.57	34.64 0.01 0.00	29.86 -0.10 0.00	29.65 -0.13 0.00	46.25 -0.18 0.00	41.39 -0.13 0.00	56.63 -0.24 0.00	58.95 -0.20 -0.07	38.73 -0.12 0.00	35.11 -0.07 0.00	28.26 -0.08 0.00	32.50 -0.08 0.00
HAMLTNNY_34_KV_TB 80303	21.51 0.05 0.00	20.72 -0.02 0.00	18.85 -0.03 0.00	17.85 -0.05 0.00	17.90 -0.03 0.00	20.56 -0.03 0.00	26.25 0.03 0.00	27.30 0.08 0.00	29.16 0.04 0.00	27.27 0.06 0.00	22.33 0.06 0.00	22.08 0.01 0.00	29.28 0.06 -0.59	34.66 0.04 0.00	29.94 -0.03 0.00	29.77 -0.02 0.00	46.42 0.00 0.00	41.53 0.02 0.00	56.83 -0.05 0.00	59.15 0.00 -0.07	38.85 0.00 0.00	35.23 0.06 0.00	28.35 0.01 0.00	32.61 0.03 0.00
HAMPSHIRE___PAPER_HYD 323593	21.28 -0.17 0.00	20.55 -0.19 0.00	18.57 -0.31 0.00	17.72 -0.17 0.00	17.81 -0.13 0.00	20.53 -0.06 0.00	26.30 0.08 0.00	27.15 -0.06 0.00	28.96 -0.16 0.00	27.06 -0.15 0.00	22.04 -0.23 0.00	21.82 -0.25 0.00	28.35 -0.48 -0.19	34.26 -0.37 0.00	29.76 -0.20 0.00	29.42 -0.36 0.00	45.76 -0.67 0.00	40.93 -0.58 0.00	56.35 -0.53 0.00	59.03 -0.07 -0.02	38.99 0.14 0.00	35.29 0.12 0.00	28.50 0.17 0.00	32.92 0.34 0.00
HARDSCRABBLE_WT_PWR 323673	21.45 0.00 0.00	20.71 -0.03 0.00	18.85 -0.03 0.00	17.87 -0.02 0.00	17.93 -0.01 0.00	20.59 0.01 0.00	26.33 0.11 0.00	27.32 0.11 0.00	29.11 -0.01 0.00	27.09 -0.12 0.00	22.16 -0.11 0.00	22.00 -0.06 0.00	28.57 -0.07 0.00	34.75 0.12 0.00	29.90 -0.07 0.00	29.67 -0.12 0.00	46.42 -0.01 0.00	41.78 0.26 0.00	57.28 0.40 0.00	59.87 0.79 0.00	39.44 0.59 0.00	35.57 0.40 0.00	28.65 0.31 0.00	32.81 0.24 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.58 1.13 0.00	21.66 0.93 0.00	19.66 0.78 0.00	18.62 0.72 0.00	18.65 0.71 0.00	21.44 0.86 0.00	27.52 1.30 0.00	28.67 1.45 0.00	30.79 1.67 0.00	28.80 1.59 0.00	20.27 1.45 3.46	23.63 1.56 0.00	30.73 2.10 0.00	37.08 2.45 0.00	32.05 2.09 0.00	31.99 2.21 0.00	50.03 3.60 0.00	44.81 3.29 0.00	60.96 4.08 0.00	62.90 3.82 0.00	41.26 2.41 0.00	37.26 2.09 0.00	29.96 1.62 0.00	34.28 1.70 0.00
HARSNRAD_115KV_TB1 81005	21.59 0.14 0.00	20.69 -0.05 0.00	18.79 -0.09 0.00	17.82 -0.08 0.00	17.75 -0.19 0.00	20.30 -0.29 0.00	26.06 -0.16 0.00	27.09 -0.12 0.00	28.93 -0.19 0.00	27.29 0.08 0.00	22.22 -0.06 0.00	21.82 -0.24 0.00	28.25 -0.39 0.00	33.74 -0.89 0.00	29.09 -0.88 0.00	28.85 -0.93 0.00	45.28 -1.14 0.00	40.15 -1.37 0.00	55.13 -1.75 0.00	57.37 -1.71 0.00	37.77 -1.08 0.00	34.47 -0.70 0.00	27.99 -0.35 0.00	32.67 0.09 0.00
HARZA MOOSE___RIVER 24016	21.57 0.12 0.00	20.75 0.01 0.00	18.71 -0.17 0.00	17.85 -0.05 0.00	17.95 0.01 0.00	20.73 0.14 0.00	26.66 0.44 0.00	27.73 0.52 0.00	29.66 0.54 0.00	27.73 0.52 0.00	22.62 0.35 0.00	22.39 0.33 0.00	29.15 0.36 -0.16	35.11 0.48 0.00	30.41 0.44 0.00	30.18 0.39 0.00	46.96 0.53 0.00	41.95 0.44 0.00	57.76 0.89 0.00	60.54 1.44 -0.02	39.94 1.10 0.00	36.19 1.02 0.00	29.11 0.77 0.00	33.43 0.85 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	21.34 -0.12 0.00	20.55 -0.19 0.00	18.67 -0.20 0.00	17.72 -0.18 0.00	17.75 -0.19 0.00	20.38 -0.21 0.00	26.01 -0.21 0.00	27.04 -0.17 0.00	28.89 -0.23 0.00	27.02 -0.19 0.00	22.09 -0.18 0.00	21.83 -0.23 0.00	28.66 -0.28 -0.30	34.24 -0.39 0.00	29.61 -0.36 0.00	29.41 -0.37 0.00	45.87 -0.55 0.00	41.03 -0.49 0.00	56.17 -0.70 0.00	58.42 -0.69 -0.04	38.39 -0.45 0.00	34.80 -0.37 0.00	28.01 -0.32 0.00	32.23 -0.34 0.00
HELLGATE_13_KV_LD 55870	22.74 1.29 0.00	21.81 1.07 0.00	19.82 0.94 0.00	18.75 0.86 0.00	18.78 0.85 0.00	21.60 1.02 0.00	27.70 1.48 0.00	28.91 1.70 0.00	31.07 1.95 0.00	29.09 1.89 0.00	27.50 1.73 -3.49	23.90 1.84 0.00	31.02 2.38 0.00	37.29 2.66 0.00	32.24 2.27 0.00	32.14 2.35 0.00	50.08 3.65 0.00	44.82 3.31 0.00	60.90 4.02 0.00	62.86 3.79 0.00	41.29 2.44 0.00	37.38 2.21 0.00	30.13 1.78 0.00	34.36 1.78 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.74 1.29 0.00	21.81 1.07 0.00	19.82 0.94 0.00	18.75 0.86 0.00	18.78 0.85 0.00	21.60 1.02 0.00	27.70 1.48 0.00	28.91 1.70 0.00	31.07 1.95 0.00	29.09 1.89 0.00	27.50 1.73 -3.49	23.90 1.84 0.00	31.02 2.38 0.00	37.29 2.66 0.00	32.24 2.27 0.00	32.14 2.35 0.00	50.08 3.65 0.00	44.82 3.31 0.00	60.90 4.02 0.00	62.86 3.79 0.00	41.29 2.44 0.00	37.38 2.21 0.00	30.13 1.78 0.00	34.36 1.78 0.00
HEMPSTEAD____ 23647	35.66 1.54 -12.67	22.04 1.30 0.00	20.04 1.17 0.00	18.91 1.01 0.00	19.00 1.07 0.00	21.82 1.24 0.00	27.97 1.75 0.00	29.14 1.93 0.00	31.46 2.34 -0.01	29.43 2.01 -0.21	35.86 1.94 -11.65	24.05 1.99 0.00	31.21 2.58 0.00	43.29 3.04 -5.62	33.37 2.56 -0.84	39.83 2.70 -7.35	50.62 4.19 0.00	57.65 3.84 -12.30	63.44 4.72 -1.85	63.59 4.51 0.00	42.64 2.92 -0.87	37.72 2.55 0.00	30.38 2.04 0.00	34.75 2.17 0.00
HEWLETT__69_KV_BK3 55828	35.95 1.82 -12.67	22.29 1.55 0.00	20.23 1.35 0.00	19.11 1.21 0.00	19.19 1.25 0.00	22.05 1.47 0.00	28.27 2.05 0.00	29.47 2.25 0.00	31.81 2.69 0.00	29.72 2.31 -0.21	36.09 2.17 -11.64	24.26 2.19 0.00	31.42 2.79 0.00	43.63 3.39 -5.61	33.70 2.89 -0.84	40.14 3.01 -7.35	51.09 4.67 0.00	58.10 4.28 -12.30	64.21 5.49 -1.84	64.38 5.30 0.00	43.22 3.51 -0.87	38.29 3.12 0.00	30.86 2.52 0.00	35.21 2.63 0.00
HICKLING___1 23621	21.86 0.41 0.00	20.89 0.16 0.00	18.95 0.07 0.00	18.02 0.13 0.00	18.07 0.13 0.00	20.73 0.15 0.00	26.55 0.33 0.00	27.74 0.53 0.00	29.71 0.59 0.00	27.96 0.75 0.00	22.70 0.42 0.00	22.33 0.26 0.00	29.23 0.42 -0.17	35.02 0.40 0.00	30.27 0.31 0.00	30.20 0.41 0.00	47.53 1.11 0.00	42.29 0.77 0.00	57.87 1.00 0.00	60.23 1.13 -0.02	39.52 0.67 0.00	35.99 0.82 0.00	28.94 0.60 0.00	33.47 0.90 0.00
HICKLING___2 23622	21.86 0.41 0.00	20.89 0.16 0.00	18.95 0.07 0.00	18.02 0.13 0.00	18.07 0.13 0.00	20.73 0.15 0.00	26.55 0.33 0.00	27.74 0.53 0.00	29.71 0.59 0.00	27.96 0.75 0.00	22.70 0.42 0.00	22.33 0.26 0.00	29.23 0.42 -0.17	35.02 0.40 0.00	30.27 0.31 0.00	30.20 0.41 0.00	47.53 1.11 0.00	42.29 0.77 0.00	57.87 1.00 0.00	60.23 1.13 -0.02	39.52 0.67 0.00	35.99 0.82 0.00	28.94 0.60 0.00	33.47 0.90 0.00
HIGH FALLS___HY 23754	22.70 1.24 0.00	21.73 0.99 0.00	19.71 0.83 0.00	18.66 0.76 0.00	18.68 0.75 0.00	21.48 0.90 0.00	27.62 1.40 0.00	28.82 1.61 0.00	30.92 1.80 0.00	28.89 1.68 0.00	23.76 1.49 0.00	23.62 1.56 0.00	30.74 2.10 0.00	36.89 2.26 0.00	31.81 1.84 0.00	31.89 2.10 0.00	49.83 3.40 0.00	44.63 3.11 0.00	60.83 3.96 0.00	62.86 3.79 0.00	41.27 2.42 0.00	37.55 2.38 0.00	30.18 1.83 0.00	34.47 1.89 0.00
HILLBURN___GT 23639	22.56 1.10 0.00	21.64 0.90 0.00	19.61 0.73 0.00	18.58 0.68 0.00	18.60 0.67 0.00	21.39 0.80 0.00	27.49 1.27 0.00	28.65 1.43 0.00	30.78 1.66 0.00	28.79 1.58 0.00	19.66 1.45 4.06	23.63 1.57 0.00	30.73 2.09 0.00	37.05 2.42 0.00	32.02 2.05 0.00	31.96 2.18 0.00	49.95 3.52 0.00	44.73 3.22 0.00	60.82 3.94 0.00	62.70 3.62 0.00	41.12 2.28 0.00	37.14 1.97 0.00	29.87 1.54 0.00	34.20 1.62 0.00
HILLSIDE_115KV_TB1 80332	21.51 0.05 0.00	20.55 -0.19 0.00	18.60 -0.28 0.00	17.70 -0.19 0.00	17.75 -0.18 0.00	20.37 -0.22 0.00	26.11 -0.11 0.00	27.31 0.09 0.00	29.08 -0.05 0.00	27.35 0.14 0.00	22.28 0.01 0.00	21.91 -0.15 0.00	28.71 -0.11 -0.18	34.36 -0.27 0.00	29.78 -0.19 0.00	29.60 -0.18 0.00	46.46 0.03 0.00	41.31 -0.21 0.00	56.36 -0.51 0.00	58.68 -0.42 -0.02	38.49 -0.36 0.00	35.09 -0.08 0.00	28.24 -0.10 0.00	32.67 0.10 0.00
HISHELDN_WT_PWR 323625	21.65 0.19 0.00	20.72 -0.02 0.00	18.79 -0.09 0.00	17.87 -0.03 0.00	17.82 -0.11 0.00	20.42 -0.17 0.00	26.15 -0.06 0.00	27.24 0.02 0.00	29.11 -0.01 0.00	27.44 0.23 0.00	22.23 -0.05 0.00	21.83 -0.23 0.00	28.33 -0.30 0.00	33.99 -0.64 0.00	29.34 -0.63 0.00	29.18 -0.61 0.00	45.88 -0.55 0.00	40.81 -0.70 0.00	56.02 -0.86 0.00	58.31 -0.76 0.00	38.34 -0.51 0.00	34.98 -0.19 0.00	28.30 -0.04 0.00	32.95 0.37 0.00
HOLTSVILLE_IC_1 23690	36.12 1.99 -12.68	22.45 1.71 0.00	20.51 1.63 0.00	19.29 1.39 0.00	19.41 1.48 0.00	22.25 1.66 0.00	28.38 2.16 0.00	29.46 2.24 0.00	31.96 2.84 -0.01	29.71 2.29 -0.21	36.05 2.13 -11.65	24.25 2.18 0.00	31.39 2.76 0.00	43.65 3.41 -5.62	33.64 2.84 -0.84	40.16 3.03 -7.35	51.12 4.69 0.00	58.23 4.41 -12.30	64.25 5.52 -1.85	64.40 5.32 0.00	43.13 3.41 -0.87	38.10 2.93 0.00	30.78 2.44 0.00	35.19 2.61 0.00
HOLTSVILLE_IC_10 23699	36.26 2.13 -12.68	22.58 1.84 0.00	20.65 1.77 0.00	19.40 1.50 0.00	19.53 1.60 0.00	22.39 1.80 0.00	28.52 2.30 0.00	29.60 2.39 0.00	32.15 3.03 -0.01	29.88 2.47 -0.21	36.19 2.27 -11.65	24.40 2.34 0.00	31.61 2.97 0.00	43.87 3.63 -5.62	33.89 3.08 -0.84	40.42 3.29 -7.35	51.55 5.13 0.00	58.63 4.82 -12.30	64.79 6.07 -1.85	64.94 5.86 0.00	43.46 3.75 -0.87	38.38 3.21 0.00	30.99 2.65 0.00	35.40 2.82 0.00
HOLTSVILLE_IC_2 23691	36.12 1.99 -12.68	22.45 1.71 0.00	20.51 1.63 0.00	19.29 1.39 0.00	19.41 1.48 0.00	22.25 1.66 0.00	28.38 2.16 0.00	29.46 2.24 0.00	31.96 2.84 -0.01	29.71 2.29 -0.21	36.05 2.13 -11.65	24.25 2.18 0.00	31.39 2.76 0.00	43.65 3.41 -5.62	33.64 2.84 -0.84	40.16 3.03 -7.35	51.12 4.69 0.00	58.23 4.41 -12.30	64.25 5.52 -1.85	64.40 5.32 0.00	43.13 3.41 -0.87	38.10 2.93 0.00	30.78 2.44 0.00	35.19 2.61 0.00
HOLTSVILLE_IC_3 23692	36.12 1.99 -12.68	22.45 1.71 0.00	20.51 1.63 0.00	19.29 1.39 0.00	19.41 1.48 0.00	22.25 1.66 0.00	28.38 2.16 0.00	29.46 2.24 0.00	31.96 2.84 -0.01	29.71 2.29 -0.21	36.05 2.13 -11.65	24.25 2.18 0.00	31.39 2.76 0.00	43.65 3.41 -5.62	33.64 2.84 -0.84	40.16 3.03 -7.35	51.12 4.69 0.00	58.23 4.41 -12.30	64.25 5.52 -1.85	64.40 5.32 0.00	43.13 3.41 -0.87	38.10 2.93 0.00	30.78 2.44 0.00	35.19 2.61 0.00

HOLTSVILLE_IC_4 23693	36.12 1.99 -12.68	22.45 1.71 0.00	20.51 1.63 0.00	19.29 1.39 0.00	19.41 1.48 0.00	22.25 1.66 0.00	28.38 2.16 0.00	29.46 2.24 0.00	31.96 2.84 -0.01	29.71 2.29 -0.21	36.05 2.13 -11.65	24.25 2.18 0.00	31.39 2.76 0.00	43.65 3.41 -5.62	33.64 2.84 -0.84	40.16 3.03 -7.35	51.12 4.69 0.00	58.23 4.41 -12.30	64.25 5.52 -1.85	64.40 5.32 0.00	43.13 3.41 -0.87	38.10 2.93 0.00	30.78 2.44 0.00	35.19 2.61 0.00
HOLTSVILLE_IC_5 23694	36.12 1.99 -12.68	22.45 1.71 0.00	20.51 1.63 0.00	19.29 1.39 0.00	19.41 1.48 0.00	22.25 1.66 0.00	28.38 2.16 0.00	29.46 2.24 0.00	31.96 2.84 -0.01	29.71 2.29 -0.21	36.05 2.13 -11.65	24.25 2.18 0.00	31.39 2.76 0.00	43.65 3.41 -5.62	33.64 2.84 -0.84	40.16 3.03 -7.35	51.12 4.69 0.00	58.23 4.41 -12.30	64.25 5.52 -1.85	64.40 5.32 0.00	43.13 3.41 -0.87	38.10 2.93 0.00	30.78 2.44 0.00	35.19 2.61 0.00
HOLTSVILLE_IC_6 23695	36.26 2.13 -12.68	22.58 1.84 0.00	20.65 1.77 0.00	19.40 1.50 0.00	19.53 1.60 0.00	22.39 1.80 0.00	28.52 2.30 0.00	29.60 2.39 0.00	32.15 3.03 -0.01	29.88 2.47 -0.21	36.19 2.27 -11.65	24.40 2.34 0.00	31.61 2.97 0.00	43.87 3.63 -5.62	33.89 3.08 -0.84	40.42 3.29 -7.35	51.55 5.13 0.00	58.63 4.82 -12.30	64.79 6.07 -1.85	64.94 5.86 0.00	43.46 3.75 -0.87	38.38 3.21 0.00	30.99 2.65 0.00	35.40 2.82 0.00
HOLTSVILLE_IC_7 23696	36.26 2.13 -12.68	22.58 1.84 0.00	20.65 1.77 0.00	19.40 1.50 0.00	19.53 1.60 0.00	22.39 1.80 0.00	28.52 2.30 0.00	29.60 2.39 0.00	32.15 3.03 -0.01	29.88 2.47 -0.21	36.19 2.27 -11.65	24.40 2.34 0.00	31.61 2.97 0.00	43.87 3.63 -5.62	33.89 3.08 -0.84	40.42 3.29 -7.35	51.55 5.13 0.00	58.63 4.82 -12.30	64.79 6.07 -1.85	64.94 5.86 0.00	43.46 3.75 -0.87	38.38 3.21 0.00	30.99 2.65 0.00	35.40 2.82 0.00
HOLTSVILLE_IC_8 23697	36.26 2.13 -12.68	22.58 1.84 0.00	20.65 1.77 0.00	19.40 1.50 0.00	19.53 1.60 0.00	22.39 1.80 0.00	28.52 2.30 0.00	29.60 2.39 0.00	32.15 3.03 -0.01	29.88 2.47 -0.21	36.19 2.27 -11.65	24.40 2.34 0.00	31.61 2.97 0.00	43.87 3.63 -5.62	33.89 3.08 -0.84	40.42 3.29 -7.35	51.55 5.13 0.00	58.63 4.82 -12.30	64.79 6.07 -1.85	64.94 5.86 0.00	43.46 3.75 -0.87	38.38 3.21 0.00	30.99 2.65 0.00	35.40 2.82 0.00
HOLTSVILLE_IC_9 23698	36.26 2.13 -12.68	22.58 1.84 0.00	20.65 1.77 0.00	19.40 1.50 0.00	19.53 1.60 0.00	22.39 1.80 0.00	28.52 2.30 0.00	29.60 2.39 0.00	32.15 3.03 -0.01	29.88 2.47 -0.21	36.19 2.27 -11.65	24.40 2.34 0.00	31.61 2.97 0.00	43.87 3.63 -5.62	33.89 3.08 -0.84	40.42 3.29 -7.35	51.55 5.13 0.00	58.63 4.82 -12.30	64.79 6.07 -1.85	64.94 5.86 0.00	43.46 3.75 -0.87	38.38 3.21 0.00	30.99 2.65 0.00	35.40 2.82 0.00
HOMER_HL_115KV_TB2 355744	21.69 0.24 0.00	20.77 0.03 0.00	18.81 -0.07 0.00	17.89 -0.01 0.00	17.89 -0.04 0.00	20.55 -0.03 0.00	26.44 0.22 0.00	27.58 0.36 0.00	29.48 0.36 0.00	27.87 0.66 0.00	22.55 0.27 0.00	22.01 -0.06 0.00	28.61 -0.03 0.00	34.29 -0.33 0.00	29.54 -0.43 0.00	29.41 -0.38 0.00	46.21 -0.21 0.00	41.13 -0.39 0.00	56.24 -0.64 0.00	58.29 -0.78 0.00	38.21 -0.64 0.00	34.93 -0.24 0.00	28.21 -0.12 0.00	33.04 0.46 0.00
HOWARD_WT_PWR 323690	21.81 0.36 0.00	20.76 0.02 0.00	18.84 -0.04 0.00	17.99 0.09 0.00	18.03 0.10 0.00	20.69 0.10 0.00	26.38 0.16 0.00	27.40 0.18 0.00	29.40 0.28 0.00	27.68 0.47 0.00	22.25 -0.02 0.00	21.82 -0.24 0.00	28.48 -0.28 -0.12	34.30 -0.33 0.00	29.58 -0.39 0.00	29.56 -0.22 0.00	46.94 0.51 0.00	41.61 0.09 0.00	57.44 0.56 0.00	59.88 0.79 -0.01	39.44 0.59 0.00	35.90 0.73 0.00	28.90 0.56 0.00	33.49 0.92 0.00
HQ_GEN_CEDARS 23644	21.34 -0.11 0.00	20.72 -0.02 0.00	18.88 0.00 0.00	17.94 0.04 0.00	17.96 0.03 0.00	20.61 0.03 0.00	26.17 -0.05 0.00	26.93 -0.28 0.00	28.81 -0.31 0.00	26.89 -0.32 0.00	21.94 -0.33 0.00	21.71 -0.35 0.00	28.10 -0.54 0.00	34.14 -0.49 0.00	29.69 -0.27 0.00	29.45 -0.34 0.00	45.87 -0.56 0.00	41.00 -0.52 0.00	56.37 -0.51 0.00	58.54 -0.54 0.00	38.44 -0.40 0.00	34.79 -0.38 0.00	28.08 -0.26 0.00	32.45 -0.13 0.00
HQ_GEN_CEDARS_PROXY 323590	21.34 -0.11 0.00	20.72 -0.02 0.00	18.87 -0.01 0.00	17.93 0.03 0.00	17.96 0.02 0.00	20.61 0.03 0.00	26.17 -0.05 0.00	26.93 -0.28 0.00	28.81 -0.31 0.00	26.89 -0.32 0.00	21.94 -0.33 0.00	21.71 -0.35 0.00	28.10 -0.54 0.00	34.14 -0.49 0.00	29.69 -0.28 0.00	29.45 -0.34 0.00	45.87 -0.56 0.00	41.00 -0.52 0.00	56.37 -0.51 0.00	58.54 -0.54 0.00	38.44 -0.40 0.00	34.79 -0.38 0.00	28.08 -0.26 0.00	32.45 -0.13 0.00
HQ_GEN_IMPORT 323601	21.55 -0.17 -0.27	20.66 -0.08 0.00	18.82 -0.06 0.00	17.85 -0.04 0.00	17.88 -0.05 0.00	20.52 -0.06 0.00	26.06 -0.16 0.00	27.02 -0.19 0.00	28.93 -0.19 0.00	27.02 -0.18 0.00	22.08 -0.19 0.00	21.86 -0.20 0.00	28.34 -0.30 0.00	34.34 -0.29 0.00	29.99 -0.19 -0.21	29.58 -0.20 0.00	46.09 -0.34 0.00	41.20 -0.32 0.00	56.56 -0.32 0.00	58.76 -0.32 0.00	38.58 -0.27 0.00	34.93 -0.24 0.00	29.07 -0.19 -0.93	33.72 -0.16 -1.31
HQ_GEN_WHEEL 23651	21.55 -0.17 -0.27	20.66 -0.08 0.00	18.82 -0.06 0.00	17.85 -0.04 0.00	17.88 -0.05 0.00	20.52 -0.06 0.00	26.06 -0.16 0.00	27.02 -0.19 0.00	28.93 -0.19 0.00	27.02 -0.18 0.00	22.08 -0.19 0.00	21.86 -0.20 0.00	28.34 -0.30 0.00	34.34 -0.29 0.00	29.99 -0.19 -0.21	29.58 -0.20 0.00	46.09 -0.34 0.00	41.20 -0.32 0.00	56.56 -0.32 0.00	58.76 -0.32 0.00	38.58 -0.27 0.00	34.93 -0.24 0.00	29.07 -0.19 -0.93	33.72 -0.16 -1.31
HUDSON_AVE_GT_3 23810	22.74 1.28 0.00	21.80 1.06 0.00	19.82 0.94 0.00	18.75 0.86 0.00	18.79 0.85 0.00	21.60 1.01 0.00	27.71 1.48 0.00	28.90 1.69 0.00	31.07 1.95 0.00	29.10 1.90 0.00	27.51 1.74 -3.49	23.92 1.86 0.00	31.05 2.41 0.00	37.35 2.72 0.00	32.28 2.31 0.00	32.20 2.41 0.00	50.26 3.83 0.00	44.97 3.45 0.00	61.11 4.24 0.00	63.04 3.97 0.00	41.37 2.53 0.00	37.44 2.27 0.00	30.16 1.82 0.00	34.44 1.87 0.00
HUDSON_AVE_GT_4 23540	22.74 1.28 0.00	21.80 1.06 0.00	19.82 0.94 0.00	18.75 0.86 0.00	18.79 0.85 0.00	21.60 1.01 0.00	27.71 1.48 0.00	28.90 1.69 0.00	31.07 1.95 0.00	29.10 1.90 0.00	27.51 1.74 -3.49	23.92 1.86 0.00	31.05 2.41 0.00	37.35 2.72 0.00	32.28 2.31 0.00	32.20 2.41 0.00	50.26 3.83 0.00	44.97 3.45 0.00	61.11 4.24 0.00	63.04 3.97 0.00	41.37 2.53 0.00	37.44 2.27 0.00	30.16 1.82 0.00	34.44 1.87 0.00
HUDSON_AVE_GT_5 23657	22.74 1.28 0.00	21.80 1.06 0.00	19.82 0.94 0.00	18.75 0.86 0.00	18.79 0.85 0.00	21.60 1.01 0.00	27.71 1.48 0.00	28.90 1.69 0.00	31.07 1.95 0.00	29.10 1.90 0.00	27.51 1.74 -3.49	23.92 1.86 0.00	31.05 2.41 0.00	37.35 2.72 0.00	32.28 2.31 0.00	32.20 2.41 0.00	50.26 3.83 0.00	44.97 3.45 0.00	61.11 4.24 0.00	63.04 3.97 0.00	41.37 2.53 0.00	37.44 2.27 0.00	30.16 1.82 0.00	34.44 1.87 0.00

HUDSON_AVE_10 24168	22.67 1.22 0.00	21.75 1.01 0.00	19.77 0.89 0.00	18.71 0.81 0.00	18.74 0.81 0.00	21.54 0.95 0.00	27.64 1.42 0.00	28.82 1.61 0.00	30.99 1.86 0.00	29.02 1.81 0.00	27.42 1.65 -3.49	23.85 1.79 0.00	30.96 2.32 0.00	37.23 2.60 0.00	32.19 2.22 0.00	32.10 2.32 0.00	50.12 3.69 0.00	44.84 3.33 0.00	60.93 4.05 0.00	62.84 3.77 0.00	41.25 2.40 0.00	37.35 2.18 0.00	30.10 1.76 0.00	34.35 1.77 0.00
HUDSON___115KV_TB 4 355613	22.27 0.82 0.00	21.53 0.79 0.00	19.63 0.75 0.00	18.58 0.68 0.00	18.63 0.69 0.00	21.40 0.82 0.00	27.30 1.08 0.00	28.30 1.08 0.00	30.24 1.12 0.00	28.12 0.91 0.00	23.69 0.72 -0.70	22.86 0.80 0.00	29.82 1.18 0.00	36.09 1.46 0.00	31.31 1.35 0.00	30.93 1.14 0.00	48.38 1.96 0.00	43.47 1.95 0.00	59.44 2.56 0.00	61.92 2.85 0.00	40.87 2.03 0.00	36.85 1.68 0.00	29.66 1.32 0.00	33.90 1.32 0.00
HUNTER MOUNT___DRP 323613	22.37 0.91 0.00	21.64 0.91 0.00	19.75 0.87 0.00	18.68 0.79 0.00	18.73 0.80 0.00	21.54 0.96 0.00	27.45 1.23 0.00	28.43 1.22 0.00	30.36 1.24 0.00	28.17 0.96 0.00	23.60 0.73 -0.60	22.87 0.81 0.00	29.89 1.26 0.00	36.14 1.51 0.00	31.45 1.49 0.00	30.99 1.21 0.00	48.50 2.08 0.00	43.66 2.14 0.00	59.70 2.82 0.00	62.28 3.20 0.00	41.17 2.32 0.00	37.09 1.92 0.00	29.83 1.49 0.00	34.09 1.52 0.00
HUNTINGTON_RES_REC 323705	36.06 1.93 -12.67	22.40 1.66 0.00	20.45 1.57 0.00	19.24 1.34 0.00	19.36 1.43 0.00	22.20 1.61 0.00	28.36 2.14 0.00	29.47 2.26 0.00	31.93 2.80 -0.01	29.71 2.30 -0.21	36.13 2.21 -11.65	24.30 2.24 0.00	31.47 2.83 0.00	43.75 3.51 -5.62	33.75 2.94 -0.84	40.25 3.12 -7.35	51.31 4.88 0.00	58.40 4.59 -12.30	64.47 5.75 -1.85	64.63 5.55 0.00	43.27 3.55 -0.87	38.20 3.03 0.00	30.84 2.49 0.00	35.21 2.63 0.00
HUNTLEY___63 23557	21.77 0.32 0.00	20.85 0.11 0.00	18.94 0.06 0.00	17.96 0.06 0.00	17.89 -0.05 0.00	20.47 -0.12 0.00	26.29 0.07 0.00	27.34 0.13 0.00	29.21 0.09 0.00	27.58 0.37 0.00	22.44 0.17 0.00	22.06 -0.01 0.00	28.57 -0.07 0.00	34.14 -0.49 0.00	29.39 -0.58 0.00	29.13 -0.65 0.00	45.62 -0.81 0.00	40.55 -0.97 0.00	55.67 -1.21 0.00	57.88 -1.20 0.00	38.08 -0.76 0.00	34.76 -0.41 0.00	28.21 -0.13 0.00	32.89 0.31 0.00
HUNTLEY___64 23558	21.77 0.32 0.00	20.85 0.11 0.00	18.94 0.06 0.00	17.96 0.06 0.00	17.89 -0.05 0.00	20.47 -0.12 0.00	26.29 0.07 0.00	27.34 0.13 0.00	29.21 0.09 0.00	27.58 0.37 0.00	22.44 0.17 0.00	22.06 -0.01 0.00	28.57 -0.07 0.00	34.14 -0.49 0.00	29.39 -0.58 0.00	29.13 -0.65 0.00	45.62 -0.81 0.00	40.55 -0.97 0.00	55.67 -1.21 0.00	57.88 -1.20 0.00	38.08 -0.76 0.00	34.76 -0.41 0.00	28.21 -0.13 0.00	32.89 0.31 0.00
HUNTLEY___65 23559	21.77 0.32 0.00	20.85 0.11 0.00	18.94 0.06 0.00	17.96 0.06 0.00	17.89 -0.05 0.00	20.47 -0.12 0.00	26.29 0.07 0.00	27.34 0.13 0.00	29.21 0.09 0.00	27.58 0.37 0.00	22.44 0.17 0.00	22.06 -0.01 0.00	28.57 -0.07 0.00	34.14 -0.49 0.00	29.39 -0.58 0.00	29.13 -0.65 0.00	45.62 -0.81 0.00	40.55 -0.97 0.00	55.67 -1.21 0.00	57.88 -1.20 0.00	38.08 -0.76 0.00	34.76 -0.41 0.00	28.21 -0.13 0.00	32.89 0.31 0.00
HUNTLEY___66 23560	21.77 0.32 0.00	20.85 0.11 0.00	18.94 0.06 0.00	17.96 0.06 0.00	17.89 -0.05 0.00	20.47 -0.12 0.00	26.29 0.07 0.00	27.34 0.13 0.00	29.21 0.09 0.00	27.58 0.37 0.00	22.44 0.17 0.00	22.06 -0.01 0.00	28.57 -0.07 0.00	34.14 -0.49 0.00	29.39 -0.58 0.00	29.13 -0.65 0.00	45.62 -0.81 0.00	40.55 -0.97 0.00	55.67 -1.21 0.00	57.88 -1.20 0.00	38.08 -0.76 0.00	34.76 -0.41 0.00	28.21 -0.13 0.00	32.89 0.31 0.00
HUNTLEY___67 23561	21.58 0.13 0.00	20.68 -0.06 0.00	18.78 -0.10 0.00	17.81 -0.08 0.00	17.76 -0.18 0.00	20.31 -0.28 0.00	26.05 -0.17 0.00	27.12 -0.09 0.00	28.96 -0.16 0.00	27.34 0.13 0.00	22.24 -0.04 0.00	21.83 -0.23 0.00	28.28 -0.35 0.00	33.81 -0.82 0.00	29.15 -0.82 0.00	28.93 -0.85 0.00	45.26 -1.17 0.00	40.26 -1.25 0.00	55.29 -1.59 0.00	57.49 -1.59 0.00	37.84 -1.01 0.00	34.53 -0.64 0.00	28.01 -0.33 0.00	32.67 0.10 0.00
HUNTLEY___68 23562	21.58 0.13 0.00	20.68 -0.06 0.00	18.78 -0.10 0.00	17.81 -0.08 0.00	17.76 -0.18 0.00	20.31 -0.28 0.00	26.05 -0.17 0.00	27.12 -0.09 0.00	28.96 -0.16 0.00	27.34 0.13 0.00	22.24 -0.04 0.00	21.83 -0.23 0.00	28.28 -0.35 0.00	33.81 -0.82 0.00	29.15 -0.82 0.00	28.93 -0.85 0.00	45.26 -1.17 0.00	40.26 -1.25 0.00	55.29 -1.59 0.00	57.49 -1.59 0.00	37.84 -1.01 0.00	34.53 -0.64 0.00	28.01 -0.33 0.00	32.67 0.10 0.00
HYLAND___LFG 323620	22.54 1.09 0.00	21.56 0.82 0.00	19.60 0.72 0.00	18.59 0.69 0.00	18.60 0.67 0.00	21.37 0.78 0.00	27.38 1.16 0.00	28.39 1.17 0.00	29.80 0.68 0.00	27.81 0.60 0.00	22.54 0.27 0.00	22.21 0.15 0.00	28.91 0.27 0.00	34.82 0.19 0.00	30.13 0.16 0.00	29.85 0.06 0.00	47.15 0.72 0.00	42.04 0.52 0.00	57.82 0.94 0.00	60.84 1.76 0.00	40.56 1.72 0.00	37.06 1.89 0.00	29.78 1.44 0.00	34.39 1.81 0.00
INDECK___CORINTH 23802	22.14 0.69 0.00	21.37 0.63 0.00	19.45 0.57 0.00	18.39 0.49 0.00	18.44 0.51 0.00	21.28 0.69 0.00	27.15 0.93 0.00	27.99 0.78 0.00	29.94 0.82 0.00	27.98 0.77 0.00	23.45 0.42 -0.75	22.71 0.64 0.00	29.63 0.99 0.00	35.73 1.10 0.00	30.79 0.82 0.00	30.57 0.79 0.00	47.69 1.27 0.00	42.82 1.30 0.00	59.37 2.49 0.00	61.96 2.88 0.00	40.88 2.04 0.00	36.72 1.55 0.00	29.46 1.12 0.00	33.73 1.15 0.00
INDECK___ILION 23567	21.50 0.04 0.00	20.75 0.01 0.00	18.89 0.01 0.00	17.90 0.00 0.00	17.94 0.01 0.00	20.61 0.02 0.00	26.31 0.09 0.00	27.33 0.12 0.00	29.17 0.06 0.00	27.19 -0.02 0.00	22.25 -0.02 0.00	22.09 0.02 0.00	28.69 0.06 0.00	34.77 0.14 0.00	30.02 0.05 0.00	29.83 0.05 0.00	46.55 0.12 0.00	41.76 0.24 0.00	57.23 0.35 0.00	59.61 0.53 0.00	39.26 0.41 0.00	35.48 0.31 0.00	28.57 0.23 0.00	32.74 0.16 0.00
INDECK___OLEAN 23982	21.70 0.25 0.00	20.77 0.03 0.00	18.79 -0.09 0.00	17.88 -0.02 0.00	17.88 -0.06 0.00	20.55 -0.03 0.00	26.44 0.22 0.00	27.58 0.36 0.00	29.48 0.36 0.00	27.87 0.66 0.00	22.55 0.27 0.00	22.01 -0.06 0.00	28.61 -0.03 0.00	34.29 -0.34 0.00	29.54 -0.43 0.00	29.39 -0.39 0.00	46.21 -0.22 0.00	41.13 -0.39 0.00	56.24 -0.64 0.00	58.31 -0.77 0.00	38.21 -0.64 0.00	34.93 -0.23 0.00	28.21 -0.12 0.00	33.04 0.46 0.00
INDECK___OSWEGO 23783	21.05 -0.41 0.00	20.28 -0.45 0.00	18.42 -0.45 0.00	17.49 -0.40 0.00	17.53 -0.40 0.00	20.14 -0.45 0.00	25.66 -0.57 0.00	26.51 -0.70 0.00	28.73 -0.39 0.00	27.25 0.04 0.00	22.24 -0.03 0.00	21.97 -0.10 0.00	29.37 -0.61 -1.34	34.46 -0.17 0.00	29.26 -0.70 0.00	28.78 -1.01 0.00	44.79 -1.64 0.00	40.10 -1.42 0.00	54.92 -1.96 0.00	57.34 -1.89 -0.16	37.68 -1.17 0.00	34.34 -0.83 0.00	27.72 -0.62 0.00	31.87 -0.71 0.00

INDECK___YERKES 23781	21.81 0.35 0.00	20.87 0.13 0.00	18.92 0.04 0.00	17.96 0.07 0.00	17.89 -0.05 0.00	20.49 -0.09 0.00	26.32 0.10 0.00	27.37 0.15 0.00	29.25 0.12 0.00	27.61 0.40 0.00	22.47 0.20 0.00	22.08 0.02 0.00	28.60 -0.04 0.00	34.17 -0.46 0.00	29.42 -0.55 0.00	29.15 -0.63 0.00	45.66 -0.76 0.00	40.59 -0.92 0.00	55.73 -1.15 0.00	57.95 -1.13 0.00	38.12 -0.73 0.00	34.80 -0.37 0.00	28.24 -0.10 0.00	32.92 0.34 0.00
INDIAN POINT_GT_1 24139	22.56 1.11 0.00	21.66 0.92 0.00	19.68 0.80 0.00	18.62 0.72 0.00	18.66 0.73 0.00	21.45 0.87 0.00	27.52 1.30 0.00	28.66 1.45 0.00	30.79 1.66 0.00	28.78 1.58 0.00	27.79 1.45 -4.06	23.61 1.55 0.00	30.68 2.04 0.00	36.97 2.34 0.00	31.95 1.98 0.00	31.87 2.08 0.00	49.77 3.34 0.00	44.56 3.04 0.00	60.63 3.75 0.00	62.59 3.51 0.00	41.08 2.23 0.00	37.12 1.95 0.00	29.89 1.55 0.00	34.19 1.61 0.00
INDIAN POINT_GT_2 23659	22.56 1.11 0.00	21.66 0.92 0.00	19.68 0.80 0.00	18.62 0.72 0.00	18.66 0.73 0.00	21.45 0.87 0.00	27.52 1.30 0.00	28.66 1.45 0.00	30.79 1.66 0.00	28.78 1.58 0.00	27.79 1.45 -4.06	23.61 1.55 0.00	30.68 2.04 0.00	36.97 2.34 0.00	31.95 1.98 0.00	31.87 2.08 0.00	49.77 3.34 0.00	44.56 3.04 0.00	60.63 3.75 0.00	62.59 3.51 0.00	41.08 2.23 0.00	37.12 1.95 0.00	29.89 1.55 0.00	34.19 1.61 0.00
INDIAN POINT_GT_3 24019	22.56 1.11 0.00	21.66 0.92 0.00	19.68 0.80 0.00	18.62 0.72 0.00	18.66 0.73 0.00	21.45 0.87 0.00	27.52 1.30 0.00	28.66 1.45 0.00	30.79 1.66 0.00	28.78 1.58 0.00	27.79 1.45 -4.06	23.61 1.55 0.00	30.68 2.04 0.00	36.97 2.34 0.00	31.95 1.98 0.00	31.87 2.08 0.00	49.77 3.34 0.00	44.56 3.04 0.00	60.63 3.75 0.00	62.59 3.51 0.00	41.08 2.23 0.00	37.12 1.95 0.00	29.89 1.55 0.00	34.19 1.61 0.00
INDIAN POINT___2 23530	22.53 1.07 0.00	21.62 0.88 0.00	19.65 0.77 0.00	18.59 0.69 0.00	18.63 0.70 0.00	21.42 0.83 0.00	27.48 1.26 0.00	28.62 1.41 0.00	30.74 1.62 0.00	28.74 1.54 0.00	29.10 1.42 -5.41	23.58 1.52 0.00	30.65 2.01 0.00	36.93 2.30 0.00	31.92 1.95 0.00	31.84 2.05 0.00	49.72 3.30 0.00	44.52 3.00 0.00	60.56 3.69 0.00	62.49 3.41 0.00	41.00 2.16 0.00	37.06 1.89 0.00	29.83 1.49 0.00	34.14 1.56 0.00
INDIAN POINT___3 23531	22.54 1.09 0.00	21.64 0.90 0.00	19.66 0.78 0.00	18.60 0.70 0.00	18.64 0.71 0.00	21.43 0.85 0.00	27.49 1.27 0.00	28.64 1.42 0.00	30.76 1.64 0.00	28.75 1.55 0.00	27.86 1.42 -4.16	23.58 1.52 0.00	30.65 2.01 0.00	36.93 2.30 0.00	31.91 1.94 0.00	31.83 2.04 0.00	49.72 3.29 0.00	44.50 2.98 0.00	60.54 3.67 0.00	62.51 3.43 0.00	41.02 2.18 0.00	37.08 1.90 0.00	29.85 1.51 0.00	34.15 1.57 0.00
INGHAM_C_115KV_TB7 356103	21.42 -0.04 0.00	20.66 -0.07 0.00	18.82 -0.06 0.00	17.84 -0.06 0.00	17.89 -0.04 0.00	20.55 -0.04 0.00	26.28 0.06 0.00	27.30 0.09 0.00	29.06 -0.07 0.00	26.99 -0.22 0.00	22.08 -0.19 0.00	21.97 -0.09 0.00	28.56 -0.08 0.00	34.79 0.16 0.00	29.89 -0.07 0.00	29.68 -0.11 0.00	46.43 0.01 0.00	41.79 0.27 0.00	57.30 0.43 0.00	59.93 0.85 0.00	39.54 0.69 0.00	35.63 0.46 0.00	28.67 0.33 0.00	32.76 0.18 0.00
IP CORINTH___1 23988	22.27 0.81 0.00	21.48 0.75 0.00	19.54 0.66 0.00	18.47 0.58 0.00	18.53 0.60 0.00	21.39 0.80 0.00	27.29 1.07 0.00	28.14 0.93 0.00	30.11 0.99 0.00	28.14 0.93 0.00	23.58 0.55 -0.75	22.83 0.77 0.00	29.79 1.15 0.00	35.93 1.30 0.00	30.96 0.99 0.00	30.73 0.94 0.00	47.96 1.53 0.00	43.04 1.53 0.00	59.69 2.82 0.00	62.28 3.20 0.00	41.10 2.25 0.00	36.92 1.75 0.00	29.62 1.28 0.00	33.91 1.34 0.00
IP___TICONDEROGA 23804	23.60 2.15 0.00	22.74 2.00 0.00	20.48 1.60 0.00	19.40 1.51 0.00	19.46 1.53 0.00	22.61 2.03 0.00	28.95 2.73 0.00	29.41 2.19 0.00	31.47 2.35 0.00	29.42 2.21 0.00	24.64 1.62 -0.76	23.86 1.79 0.00	31.26 2.63 0.00	37.77 3.15 0.00	32.42 2.45 0.00	32.15 2.37 0.00	50.20 3.78 0.00	45.21 3.70 0.00	63.21 6.33 0.00	66.35 7.27 0.00	43.68 4.84 0.00	38.96 3.79 0.00	31.34 3.00 0.00	35.82 3.24 0.00
ISLIP_RES_REC 323679	36.37 2.24 -12.68	22.69 1.95 0.00	20.74 1.86 0.00	19.48 1.58 0.00	19.62 1.68 0.00	22.48 1.90 0.00	28.65 2.43 0.00	29.76 2.54 0.00	32.33 3.20 -0.01	30.06 2.65 -0.21	36.34 2.43 -11.65	24.56 2.50 0.00	31.82 3.19 0.00	44.18 3.93 -5.62	34.14 3.33 -0.84	40.68 3.55 -7.35	51.98 5.56 0.00	59.01 5.20 -12.30	65.29 6.56 -1.85	65.41 6.34 0.00	43.75 4.04 -0.87	38.64 3.47 0.00	31.19 2.85 0.00	35.61 3.03 0.00
JAMAICA__27_KV_LOAD 355505	22.85 1.40 0.00	21.93 1.19 0.00	19.94 1.06 0.00	18.86 0.96 0.00	18.88 0.95 0.00	21.71 1.12 0.00	27.83 1.61 0.00	29.02 1.81 0.00	31.17 2.05 0.00	29.20 1.99 0.00	27.51 1.75 -3.49	24.01 1.95 0.00	31.14 2.51 0.00	37.47 2.84 0.00	32.42 2.45 0.00	32.32 2.54 0.00	50.50 4.07 0.00	45.18 3.66 0.00	61.37 4.49 0.00	63.31 4.23 0.00	41.56 2.71 0.00	37.68 2.51 0.00	30.41 2.07 0.00	34.62 2.05 0.00
JANIS___SOLAR 323808	22.35 0.90 0.00	21.47 0.73 0.00	19.47 0.59 0.00	18.47 0.57 0.00	18.50 0.57 0.00	21.32 0.73 0.00	27.30 1.08 0.00	28.44 1.22 0.00	30.28 1.16 0.00	28.12 0.91 0.00	22.87 0.60 0.00	22.54 0.48 0.00	29.71 0.81 -0.27	35.99 1.36 0.00	31.08 1.11 0.00	30.75 0.97 0.00	47.79 1.36 0.00	42.73 1.21 0.00	58.98 2.10 0.00	61.79 2.68 -0.03	40.70 1.85 0.00	36.93 1.76 0.00	29.62 1.28 0.00	34.03 1.45 0.00
JARVIS____ 23743	21.47 0.02 0.00	20.74 0.00 0.00	18.87 -0.01 0.00	17.88 -0.02 0.00	17.93 -0.01 0.00	20.58 0.00 0.00	26.25 0.03 0.00	27.24 0.03 0.00	29.14 0.02 0.00	27.22 0.01 0.00	22.29 0.02 0.00	22.09 0.03 0.00	28.69 0.06 0.00	34.67 0.04 0.00	30.00 0.04 0.00	29.83 0.04 0.00	46.50 0.08 0.00	41.58 0.06 0.00	56.94 0.07 0.00	59.20 0.12 0.00	38.93 0.08 0.00	35.25 0.07 0.00	28.40 0.06 0.00	32.63 0.05 0.00
JENNISON___1 23625	22.43 0.98 0.00	21.54 0.80 0.00	19.54 0.66 0.00	18.54 0.64 0.00	18.58 0.64 0.00	21.38 0.79 0.00	27.40 1.18 0.00	28.61 1.40 0.00	30.59 1.47 0.00	28.55 1.34 0.00	23.28 1.01 0.00	23.00 0.94 0.00	30.18 1.35 -0.19	36.30 1.68 0.00	31.49 1.52 0.00	31.18 1.40 0.00	48.66 2.23 0.00	43.45 1.94 0.00	59.66 2.79 0.00	62.22 3.12 -0.02	40.90 2.05 0.00	37.09 1.92 0.00	29.77 1.43 0.00	34.21 1.63 0.00
JENNISON___2 23626	22.43 0.98 0.00	21.54 0.80 0.00	19.54 0.66 0.00	18.54 0.64 0.00	18.58 0.64 0.00	21.38 0.79 0.00	27.40 1.18 0.00	28.61 1.40 0.00	30.59 1.47 0.00	28.55 1.34 0.00	23.28 1.01 0.00	23.00 0.94 0.00	30.18 1.35 -0.19	36.30 1.68 0.00	31.49 1.52 0.00	31.18 1.40 0.00	48.66 2.23 0.00	43.45 1.94 0.00	59.66 2.79 0.00	62.22 3.12 -0.02	40.90 2.05 0.00	37.09 1.92 0.00	29.77 1.43 0.00	34.21 1.63 0.00

JERICO_RISE_WT_PWR 323719	21.11 -0.34 0.00	20.51 -0.23 0.00	18.82 -0.06 0.00	17.89 -0.01 0.00	17.95 0.01 0.00	20.59 0.01 0.00	26.33 0.11 0.00	27.32 0.10 0.00	29.50 0.38 0.00	27.56 0.35 0.00	22.41 0.14 0.00	22.03 -0.03 0.00	28.38 -0.26 0.00	34.57 -0.06 0.00	30.01 0.04 0.00	29.81 0.03 0.00	46.11 -0.32 0.00	41.44 -0.08 0.00	57.30 0.42 0.00	59.78 0.70 0.00	39.21 0.36 0.00	35.28 0.11 0.00	28.45 0.11 0.00	33.10 0.53 0.00
KATONAH__115KV_46KV_TB4 355592	22.71 1.25 0.00	21.80 1.06 0.00	19.82 0.94 0.00	18.75 0.85 0.00	18.79 0.86 0.00	21.60 1.02 0.00	27.71 1.49 0.00	28.87 1.66 0.00	31.07 1.95 0.00	29.03 1.82 0.00	26.12 1.63 -2.22	23.79 1.72 0.00	30.91 2.27 0.00	37.26 2.63 0.00	32.21 2.24 0.00	32.14 2.36 0.00	50.20 3.77 0.00	44.94 3.43 0.00	61.14 4.26 0.00	63.15 4.07 0.00	41.46 2.62 0.00	37.46 2.29 0.00	30.13 1.79 0.00	34.44 1.86 0.00
KCE_NY_1 323755	22.51 1.05 0.00	21.74 1.00 0.00	19.81 0.93 0.00	18.74 0.85 0.00	18.79 0.86 0.00	21.62 1.03 0.00	27.57 1.34 0.00	28.58 1.37 0.00	30.50 1.38 0.00	28.43 1.22 0.00	23.97 0.93 -0.76	23.12 1.05 0.00	30.13 1.49 0.00	36.45 1.82 0.00	31.45 1.48 0.00	31.23 1.45 0.00	48.72 2.29 0.00	43.65 2.13 0.00	60.09 3.21 0.00	62.51 3.44 0.00	41.25 2.41 0.00	37.19 2.02 0.00	29.89 1.56 0.00	34.22 1.64 0.00
KCE_NY_6_ESR 323823	21.81 0.36 0.00	20.87 0.14 0.00	18.91 0.03 0.00	17.97 0.07 0.00	17.91 -0.02 0.00	20.52 -0.07 0.00	26.33 0.11 0.00	27.46 0.25 0.00	29.31 0.18 0.00	27.68 0.46 0.00	22.51 0.23 0.00	22.12 0.05 0.00	28.68 0.04 0.00	34.33 -0.30 0.00	29.60 -0.36 0.00	29.39 -0.40 0.00	46.04 -0.39 0.00	40.96 -0.56 0.00	56.19 -0.69 0.00	58.45 -0.62 0.00	38.42 -0.43 0.00	35.06 -0.11 0.00	28.40 0.06 0.00	33.10 0.52 0.00
KEDC_PORT_JEFF_GT2 24210	36.22 2.09 -12.68	22.55 1.81 0.00	20.60 1.72 0.00	19.36 1.46 0.00	19.49 1.56 0.00	22.34 1.75 0.00	28.49 2.27 0.00	29.56 2.35 0.00	32.10 2.97 -0.01	29.84 2.42 -0.21	36.16 2.24 -11.65	24.36 2.30 0.00	31.55 2.92 0.00	43.84 3.60 -5.62	33.66 2.85 -0.84	40.20 3.06 -7.35	51.21 4.78 0.00	58.33 4.52 -12.30	64.37 5.65 -1.85	64.50 5.42 0.00	43.17 3.45 -0.87	38.15 2.98 0.00	30.94 2.60 0.00	35.35 2.77 0.00
KEDC_PORT_JEFF_GT3 24211	36.22 2.09 -12.68	22.55 1.81 0.00	20.60 1.72 0.00	19.36 1.46 0.00	19.49 1.56 0.00	22.34 1.75 0.00	28.49 2.27 0.00	29.56 2.35 0.00	32.10 2.97 -0.01	29.84 2.42 -0.21	36.16 2.24 -11.65	24.36 2.30 0.00	31.55 2.92 0.00	43.84 3.60 -5.62	33.66 2.85 -0.84	40.20 3.06 -7.35	51.21 4.78 0.00	58.33 4.52 -12.30	64.37 5.65 -1.85	64.50 5.42 0.00	43.17 3.45 -0.87	38.15 2.98 0.00	30.94 2.60 0.00	35.35 2.77 0.00
KEDC_GLWD_GT4 24219	35.65 1.53 -12.67	22.03 1.29 0.00	20.02 1.15 0.00	18.92 1.02 0.00	18.98 1.05 0.00	21.81 1.23 0.00	27.97 1.75 0.00	29.15 1.94 0.00	31.43 2.30 -0.01	29.48 2.06 -0.21	35.88 1.96 -11.65	24.09 2.02 0.00	31.26 2.63 0.00	43.19 2.95 -5.62	33.26 2.45 -0.84	39.72 2.58 -7.35	50.48 4.05 0.00	57.50 3.68 -12.30	63.25 4.53 -1.85	63.39 4.31 0.00	42.49 2.78 -0.87	37.60 2.43 0.00	30.28 1.94 0.00	34.79 2.21 0.00
KEDC_GLWD_GT5 24220	35.65 1.53 -12.67	22.03 1.29 0.00	20.02 1.15 0.00	18.92 1.02 0.00	18.98 1.05 0.00	21.81 1.23 0.00	27.97 1.75 0.00	29.15 1.94 0.00	31.43 2.30 -0.01	29.48 2.06 -0.21	35.88 1.96 -11.65	24.09 2.02 0.00	31.26 2.63 0.00	43.19 2.95 -5.62	33.26 2.45 -0.84	39.72 2.58 -7.35	50.48 4.05 0.00	57.50 3.68 -12.30	63.25 4.53 -1.85	63.39 4.31 0.00	42.49 2.78 -0.87	37.60 2.43 0.00	30.28 1.94 0.00	34.79 2.21 0.00
KENSICO____ 23655	22.63 1.18 0.00	21.72 0.98 0.00	19.74 0.86 0.00	18.68 0.78 0.00	18.72 0.79 0.00	21.52 0.93 0.00	27.60 1.38 0.00	28.76 1.54 0.00	30.90 1.78 0.00	28.89 1.69 0.00	27.53 1.55 -3.71	23.71 1.64 0.00	30.80 2.16 0.00	37.10 2.47 0.00	32.05 2.09 0.00	31.98 2.19 0.00	49.92 3.49 0.00	44.68 3.17 0.00	60.79 3.91 0.00	62.75 3.68 0.00	41.20 2.35 0.00	37.25 2.08 0.00	29.99 1.65 0.00	34.29 1.72 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.72 1.27 0.00	21.77 1.03 0.00	19.75 0.87 0.00	18.70 0.80 0.00	18.72 0.79 0.00	21.53 0.95 0.00	27.66 1.44 0.00	28.84 1.63 0.00	30.92 1.80 0.00	28.87 1.66 0.00	23.74 1.46 0.00	23.60 1.53 0.00	30.70 2.06 0.00	36.79 2.16 0.00	31.76 1.79 0.00	31.78 1.99 0.00	49.73 3.30 0.00	44.53 3.01 0.00	60.73 3.85 0.00	62.82 3.75 0.00	41.27 2.42 0.00	37.59 2.42 0.00	30.21 1.86 0.00	34.49 1.91 0.00
KIAC_JFK_GT1 23816	22.70 1.24 0.00	21.79 1.05 0.00	19.83 0.95 0.00	18.75 0.85 0.00	18.78 0.85 0.00	21.57 0.99 0.00	27.66 1.44 0.00	28.83 1.61 0.00	30.97 1.85 0.00	29.02 1.81 0.00	27.36 1.60 -3.49	23.86 1.79 0.00	30.94 2.31 0.00	37.22 2.59 0.00	32.20 2.23 0.00	32.11 2.32 0.00	50.16 3.73 0.00	44.87 3.35 0.00	60.94 4.07 0.00	62.87 3.79 0.00	41.27 2.43 0.00	37.41 2.24 0.00	30.20 1.86 0.00	34.39 1.81 0.00
KIAC_JFK_GT2 23817	22.70 1.24 0.00	21.79 1.05 0.00	19.83 0.95 0.00	18.75 0.85 0.00	18.78 0.85 0.00	21.57 0.99 0.00	27.66 1.44 0.00	28.83 1.61 0.00	30.97 1.85 0.00	29.02 1.81 0.00	27.36 1.60 -3.49	23.86 1.79 0.00	30.94 2.31 0.00	37.22 2.59 0.00	32.20 2.23 0.00	32.11 2.32 0.00	50.16 3.73 0.00	44.87 3.35 0.00	60.94 4.07 0.00	62.87 3.79 0.00	41.27 2.43 0.00	37.41 2.24 0.00	30.20 1.86 0.00	34.39 1.81 0.00
KIAC_JFK____ 323774	22.70 1.24 0.00	21.79 1.05 0.00	19.84 0.96 0.00	18.75 0.86 0.00	18.79 0.85 0.00	21.57 0.99 0.00	27.66 1.44 0.00	28.83 1.61 0.00	30.98 1.85 0.00	29.02 1.81 0.00	27.36 1.60 -3.49	23.86 1.79 0.00	30.94 2.31 0.00	37.22 2.59 0.00	32.20 2.23 0.00	32.12 2.33 0.00	50.16 3.73 0.00	44.86 3.35 0.00	60.94 4.07 0.00	62.87 3.79 0.00	41.27 2.43 0.00	37.41 2.24 0.00	30.20 1.86 0.00	34.39 1.81 0.00
KINTIGH____ 23543	21.45 -0.01 0.00	20.59 -0.15 0.00	18.70 -0.18 0.00	17.73 -0.16 0.00	17.69 -0.25 0.00	20.24 -0.34 0.00	25.94 -0.28 0.00	26.99 -0.22 0.00	28.85 -0.28 0.00	27.17 -0.04 0.00	22.13 -0.14 0.00	21.75 -0.31 0.00	28.16 -0.47 0.00	33.72 -0.91 0.00	29.08 -0.88 0.00	28.87 -0.92 0.00	45.11 -1.32 0.00	40.20 -1.31 0.00	55.18 -1.69 0.00	57.38 -1.69 0.00	37.76 -1.08 0.00	34.40 -0.77 0.00	27.87 -0.46 0.00	32.47 -0.11 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	21.41 -0.05 0.00	20.75 0.01 0.00	19.01 0.14 0.00	18.08 0.18 0.00	18.16 0.23 0.00	20.86 0.27 0.00	26.70 0.48 0.00	27.67 0.45 0.00	29.90 0.78 0.00	27.92 0.71 0.00	22.71 0.44 0.00	22.32 0.26 0.00	28.74 0.11 0.00	34.98 0.35 0.00	30.34 0.37 0.00	30.15 0.36 0.00	46.60 0.18 0.00	41.99 0.48 0.00	58.12 1.24 0.00	60.65 1.57 0.00	39.81 0.96 0.00	35.81 0.64 0.00	28.84 0.50 0.00	33.58 1.00 0.00

LACHUTE____HYDRO 323717	23.60 2.15 0.00	22.74 2.00 0.00	20.47 1.60 0.00	19.40 1.50 0.00	19.46 1.53 0.00	22.61 2.03 0.00	28.95 2.73 0.00	29.41 2.19 0.00	31.47 2.35 0.00	29.42 2.21 0.00	24.65 1.62 -0.76	23.86 1.79 0.00	31.26 2.62 0.00	37.77 3.15 0.00	32.42 2.45 0.00	32.16 2.37 0.00	50.20 3.78 0.00	45.21 3.70 0.00	63.21 6.33 0.00	66.35 7.27 0.00	43.68 4.84 0.00	38.96 3.79 0.00	31.34 3.00 0.00	35.82 3.24 0.00
LAWRNCAV_115KV_TB1 80681	21.27 -0.18 0.00	20.64 -0.10 0.00	18.77 -0.10 0.00	17.87 -0.03 0.00	17.88 -0.05 0.00	20.55 -0.04 0.00	26.12 -0.10 0.00	26.81 -0.41 0.00	28.58 -0.54 0.00	26.66 -0.55 0.00	21.74 -0.54 0.00	21.53 -0.53 0.00	27.88 -0.84 -0.09	33.86 -0.77 0.00	29.49 -0.48 0.00	29.16 -0.62 0.00	45.44 -0.99 0.00	40.68 -0.84 0.00	55.87 -1.01 0.00	58.08 -1.00 -0.01	38.26 -0.59 0.00	34.58 -0.59 0.00	28.02 -0.32 0.00	32.49 -0.09 0.00
LEDERLE____ 23769	22.70 1.24 0.00	21.77 1.03 0.00	19.76 0.88 0.00	18.70 0.80 0.00	18.72 0.79 0.00	21.50 0.91 0.00	27.61 1.39 0.00	28.77 1.56 0.00	30.91 1.79 0.00	28.91 1.70 0.00	19.27 1.56 4.56	23.74 1.68 0.00	30.87 2.24 0.00	37.21 2.58 0.00	32.18 2.21 0.00	32.10 2.32 0.00	50.20 3.77 0.00	44.94 3.42 0.00	61.10 4.22 0.00	63.01 3.93 0.00	41.32 2.47 0.00	37.32 2.14 0.00	30.01 1.67 0.00	34.35 1.78 0.00
LIGHTHSE_115KV_TB6 355974	21.23 -0.22 0.00	20.43 -0.31 0.00	18.47 -0.41 0.00	17.60 -0.29 0.00	17.68 -0.25 0.00	20.35 -0.23 0.00	26.07 -0.15 0.00	27.07 -0.14 0.00	29.06 -0.06 0.00	27.30 0.09 0.00	22.27 -0.01 0.00	22.00 -0.07 0.00	29.04 -0.33 -0.73	34.48 -0.15 0.00	29.63 -0.33 0.00	29.24 -0.54 0.00	45.42 -1.01 0.00	40.68 -0.84 0.00	55.89 -0.99 0.00	58.60 -0.57 -0.09	38.65 -0.19 0.00	35.13 -0.04 0.00	28.27 -0.07 0.00	32.50 -0.08 0.00
LINDEN COGEN____ 23786	22.58 1.12 0.00	21.65 0.91 0.00	19.66 0.79 0.00	18.61 0.71 0.00	18.64 0.70 0.00	21.43 0.84 0.00	27.51 1.29 0.00	28.68 1.46 0.00	30.40 1.69 0.41	28.87 1.66 0.00	27.33 1.56 -3.49	23.75 1.69 0.00	30.81 2.18 0.00	37.05 2.42 0.00	32.01 2.05 0.00	31.94 2.16 0.00	49.88 3.46 0.00	44.65 3.14 0.00	60.66 3.79 0.00	62.51 3.44 0.00	41.02 2.17 0.00	37.13 1.96 0.00	29.88 1.56 0.02	34.18 1.60 0.00
LINDHRST_69_KV_BK1 356055	36.13 2.01 -12.67	22.45 1.71 0.00	20.43 1.55 0.00	19.25 1.35 0.00	19.36 1.43 0.00	22.23 1.65 0.00	28.46 2.24 0.00	29.63 2.41 0.00	32.07 2.95 0.00	29.90 2.49 -0.21	36.28 2.36 -11.64	24.46 2.40 0.00	31.71 3.08 0.00	44.04 3.80 -5.61	34.00 3.19 -0.84	40.48 3.34 -7.35	51.64 5.22 0.00	58.64 4.83 -12.30	64.80 6.08 -1.84	64.99 5.92 0.00	43.56 3.85 -0.87	38.51 3.34 0.00	31.03 2.69 0.00	35.45 2.87 0.00
LIPA_MISC_IPP 23656	36.27 2.14 -12.68	22.59 1.85 0.00	20.60 1.72 0.00	19.37 1.47 0.00	19.51 1.58 0.00	22.37 1.78 0.00	28.44 2.22 0.00	29.45 2.24 0.00	32.04 2.92 0.00	29.72 2.31 -0.21	36.00 2.08 -11.64	24.21 2.15 0.00	31.37 2.73 0.00	43.65 3.41 -5.61	33.65 2.84 -0.84	40.20 3.07 -7.35	51.23 4.80 0.00	58.38 4.56 -12.30	64.45 5.73 -1.84	64.58 5.51 0.00	43.23 3.52 -0.87	38.16 2.99 0.00	30.81 2.47 0.00	35.18 2.61 0.00
LISF____SOLAR 323691	36.32 2.19 -12.68	22.64 1.90 0.00	20.68 1.80 0.00	19.45 1.55 0.00	19.57 1.64 0.00	22.41 1.83 0.00	28.50 2.28 0.00	29.52 2.30 0.00	32.11 2.98 -0.01	29.77 2.36 -0.21	36.04 2.13 -11.65	24.25 2.19 0.00	31.41 2.77 0.00	43.72 3.48 -5.62	33.72 2.91 -0.84	40.28 3.14 -7.35	51.36 4.93 0.00	58.51 4.69 -12.30	64.66 5.94 -1.85	64.82 5.74 0.00	43.36 3.65 -0.87	38.29 3.12 0.00	30.89 2.55 0.00	35.28 2.70 0.00
LITTLE FALLS____HYD 24013	21.42 -0.04 0.00	20.66 -0.07 0.00	18.82 -0.06 0.00	17.84 -0.06 0.00	17.89 -0.04 0.00	20.55 -0.04 0.00	26.28 0.06 0.00	27.30 0.09 0.00	29.06 -0.07 0.00	26.99 -0.22 0.00	22.08 -0.19 0.00	21.97 -0.09 0.00	28.56 -0.08 0.00	34.79 0.16 0.00	29.89 -0.07 0.00	29.68 -0.11 0.00	46.43 0.01 0.00	41.79 0.27 0.00	57.30 0.43 0.00	59.93 0.85 0.00	39.54 0.69 0.00	35.63 0.46 0.00	28.67 0.33 0.00	32.76 0.18 0.00
LITTLRIV_115KV_TB1 356100	21.50 0.04 0.00	20.84 0.11 0.00	18.96 0.08 0.00	18.06 0.16 0.00	18.08 0.14 0.00	20.78 0.19 0.00	26.44 0.22 0.00	27.14 -0.07 0.00	28.92 -0.20 0.00	26.99 -0.22 0.00	22.00 -0.27 0.00	21.79 -0.27 0.00	28.24 -0.49 -0.09	34.28 -0.34 0.00	29.86 -0.11 0.00	29.54 -0.25 0.00	45.99 -0.43 0.00	41.14 -0.38 0.00	56.54 -0.34 0.00	58.85 -0.24 -0.01	38.77 -0.07 0.00	35.05 -0.13 0.00	28.36 0.03 0.00	32.86 0.28 0.00
LI_NEWBRDGE____DRP 323616	35.66 1.54 -12.67	22.04 1.30 0.00	20.04 1.16 0.00	18.90 1.00 0.00	19.00 1.07 0.00	21.82 1.24 0.00	27.96 1.73 0.00	29.10 1.89 0.00	31.43 2.31 0.00	29.34 1.93 -0.21	35.79 1.87 -11.64	23.97 1.91 0.00	31.08 2.44 0.00	43.18 2.95 -5.61	33.27 2.47 -0.84	39.73 2.60 -7.35	50.45 4.02 0.00	57.52 3.71 -12.30	63.29 4.57 -1.84	63.46 4.39 0.00	42.57 2.86 -0.87	37.67 2.50 0.00	30.38 2.04 0.00	34.71 2.14 0.00
LOCKPORT_115KV_TB60_63_64 80432	21.60 0.14 0.00	20.69 -0.05 0.00	18.79 -0.09 0.00	17.82 -0.08 0.00	17.74 -0.19 0.00	20.30 -0.28 0.00	26.07 -0.15 0.00	27.10 -0.12 0.00	28.94 -0.18 0.00	27.30 0.09 0.00	22.23 -0.04 0.00	21.83 -0.23 0.00	28.27 -0.37 0.00	33.75 -0.88 0.00	29.10 -0.86 0.00	28.87 -0.92 0.00	45.33 -1.10 0.00	40.17 -1.35 0.00	55.16 -1.71 0.00	57.40 -1.68 0.00	37.79 -1.06 0.00	34.49 -0.68 0.00	28.01 -0.34 0.00	32.67 0.09 0.00
LOCKPORT____CC1 323769	21.60 0.15 0.00	20.69 -0.05 0.00	18.76 -0.12 0.00	17.81 -0.09 0.00	17.73 -0.20 0.00	20.30 -0.29 0.00	26.06 -0.16 0.00	27.09 -0.12 0.00	28.93 -0.19 0.00	27.29 0.08 0.00	22.22 -0.05 0.00	21.82 -0.24 0.00	28.25 -0.39 0.00	33.73 -0.90 0.00	29.09 -0.88 0.00	28.83 -0.95 0.00	45.29 -1.14 0.00	40.15 -1.37 0.00	55.14 -1.74 0.00	57.37 -1.71 0.00	37.77 -1.08 0.00	34.47 -0.69 0.00	27.99 -0.35 0.00	32.67 0.09 0.00
LOCKPORT____CC2 323770	21.60 0.15 0.00	20.69 -0.05 0.00	18.76 -0.12 0.00	17.81 -0.09 0.00	17.73 -0.20 0.00	20.30 -0.29 0.00	26.06 -0.16 0.00	27.09 -0.12 0.00	28.93 -0.19 0.00	27.29 0.08 0.00	22.22 -0.05 0.00	21.82 -0.24 0.00	28.25 -0.39 0.00	33.73 -0.90 0.00	29.09 -0.88 0.00	28.83 -0.95 0.00	45.29 -1.14 0.00	40.15 -1.37 0.00	55.14 -1.74 0.00	57.37 -1.71 0.00	37.77 -1.08 0.00	34.47 -0.69 0.00	27.99 -0.35 0.00	32.67 0.09 0.00
LOCKPORT____CC3 323771	21.60 0.15 0.00	20.69 -0.05 0.00	18.76 -0.12 0.00	17.81 -0.09 0.00	17.73 -0.20 0.00	20.30 -0.29 0.00	26.06 -0.16 0.00	27.09 -0.12 0.00	28.93 -0.19 0.00	27.29 0.08 0.00	22.22 -0.05 0.00	21.82 -0.24 0.00	28.25 -0.39 0.00	33.73 -0.90 0.00	29.09 -0.88 0.00	28.83 -0.95 0.00	45.29 -1.14 0.00	40.15 -1.37 0.00	55.14 -1.74 0.00	57.37 -1.71 0.00	37.77 -1.08 0.00	34.47 -0.69 0.00	27.99 -0.35 0.00	32.67 0.09 0.00

LONG_LAKE_PHOENIX 24014	21.20 -0.25 0.00	20.43 -0.31 0.00	18.56 -0.32 0.00	17.62 -0.28 0.00	17.65 -0.29 0.00	20.27 -0.31 0.00	25.85 -0.38 0.00	26.83 -0.38 0.00	28.95 -0.18 0.00	27.32 0.11 0.00	22.35 0.08 0.00	22.07 0.01 0.00	29.34 -0.31 -1.02	34.61 -0.02 0.00	29.58 -0.39 0.00	29.18 -0.61 0.00	45.49 -0.93 0.00	40.71 -0.81 0.00	55.76 -1.12 0.00	58.14 -1.06 -0.12	38.19 -0.66 0.00	34.63 -0.54 0.00	27.87 -0.47 0.00	31.99 -0.58 0.00
LOVETT___3 23632	22.51 1.05 0.00	21.60 0.86 0.00	19.61 0.74 0.00	18.56 0.67 0.00	18.60 0.67 0.00	21.39 0.81 0.00	27.45 1.23 0.00	28.59 1.38 0.00	30.71 1.59 0.00	28.72 1.51 0.00	18.88 1.39 4.78	23.56 1.50 0.00	30.62 1.99 0.00	36.90 2.28 0.00	31.90 1.93 0.00	31.83 2.04 0.00	49.73 3.30 0.00	44.53 3.01 0.00	60.56 3.69 0.00	62.47 3.40 0.00	40.98 2.13 0.00	37.03 1.86 0.00	29.80 1.46 0.00	34.12 1.54 0.00
LOVETT___4 23642	22.51 1.05 0.00	21.60 0.86 0.00	19.61 0.74 0.00	18.56 0.67 0.00	18.60 0.67 0.00	21.39 0.81 0.00	27.45 1.23 0.00	28.59 1.38 0.00	30.71 1.59 0.00	28.72 1.51 0.00	18.88 1.39 4.78	23.56 1.50 0.00	30.62 1.99 0.00	36.90 2.28 0.00	31.90 1.93 0.00	31.83 2.04 0.00	49.73 3.30 0.00	44.53 3.01 0.00	60.56 3.69 0.00	62.47 3.40 0.00	40.98 2.13 0.00	37.03 1.86 0.00	29.80 1.46 0.00	34.12 1.54 0.00
LOVETT___5 23593	22.51 1.05 0.00	21.60 0.86 0.00	19.61 0.74 0.00	18.56 0.67 0.00	18.60 0.67 0.00	21.39 0.81 0.00	27.45 1.23 0.00	28.59 1.38 0.00	30.71 1.59 0.00	28.72 1.51 0.00	18.88 1.39 4.78	23.56 1.50 0.00	30.62 1.99 0.00	36.90 2.28 0.00	31.90 1.93 0.00	31.83 2.04 0.00	49.73 3.30 0.00	44.53 3.01 0.00	60.56 3.69 0.00	62.47 3.40 0.00	40.98 2.13 0.00	37.03 1.86 0.00	29.80 1.46 0.00	34.12 1.54 0.00
LOWER RAQUET___HYD 24057	21.25 -0.20 0.00	20.61 -0.12 0.00	18.74 -0.14 0.00	17.84 -0.06 0.00	17.86 -0.08 0.00	20.52 -0.06 0.00	26.11 -0.11 0.00	26.77 -0.45 0.00	28.50 -0.62 0.00	26.59 -0.62 0.00	21.67 -0.60 0.00	21.48 -0.59 0.00	27.81 -0.93 -0.10	33.78 -0.85 0.00	29.42 -0.54 0.00	29.07 -0.72 0.00	45.30 -1.12 0.00	40.57 -0.95 0.00	55.70 -1.18 0.00	57.94 -1.15 -0.01	38.21 -0.64 0.00	34.52 -0.65 0.00	28.00 -0.34 0.00	32.50 -0.07 0.00
LOWER___HUDSON 24059	22.29 0.83 0.00	21.57 0.83 0.00	19.67 0.79 0.00	18.63 0.73 0.00	18.66 0.72 0.00	21.45 0.86 0.00	27.27 1.05 0.00	28.16 0.95 0.00	30.14 1.02 0.00	28.08 0.87 0.00	23.77 0.70 -0.80	22.84 0.78 0.00	29.74 1.10 0.00	35.94 1.31 0.00	31.01 1.05 0.00	30.81 1.02 0.00	47.98 1.55 0.00	43.03 1.51 0.00	59.11 2.24 0.00	61.59 2.51 0.00	40.64 1.80 0.00	36.61 1.44 0.00	29.52 1.18 0.00	33.82 1.24 0.00
LOWVILLE_115KV_TB2 356335	21.34 -0.12 0.00	20.51 -0.23 0.00	18.40 -0.47 0.00	17.61 -0.29 0.00	17.75 -0.18 0.00	20.56 -0.03 0.00	26.52 0.30 0.00	27.59 0.38 0.00	29.50 0.38 0.00	27.59 0.38 0.00	22.47 0.20 0.00	22.22 0.16 0.00	28.97 0.12 -0.22	34.88 0.25 0.00	30.23 0.27 0.00	29.96 0.17 0.00	46.49 0.06 0.00	41.50 -0.02 0.00	57.29 0.42 0.00	60.28 1.18 -0.03	39.83 0.98 0.00	36.11 0.94 0.00	29.06 0.72 0.00	33.40 0.82 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.50 1.05 0.00	21.74 1.00 0.00	19.80 0.92 0.00	18.74 0.84 0.00	18.78 0.85 0.00	21.62 1.03 0.00	27.56 1.34 0.00	28.52 1.30 0.00	30.48 1.36 0.00	28.43 1.22 0.00	23.96 0.93 -0.76	23.10 1.04 0.00	30.12 1.48 0.00	36.42 1.79 0.00	31.42 1.45 0.00	31.20 1.41 0.00	48.67 2.25 0.00	43.62 2.11 0.00	60.04 3.17 0.00	62.53 3.45 0.00	41.23 2.38 0.00	37.14 1.96 0.00	29.87 1.53 0.00	34.21 1.63 0.00
LUTHERNY_35_KV_BK2 355980	22.51 1.06 0.00	21.74 1.00 0.00	19.80 0.92 0.00	18.74 0.84 0.00	18.79 0.86 0.00	21.62 1.03 0.00	27.57 1.35 0.00	28.58 1.37 0.00	30.50 1.38 0.00	28.43 1.22 0.00	23.97 0.94 -0.76	23.12 1.05 0.00	30.13 1.49 0.00	36.45 1.83 0.00	31.45 1.48 0.00	31.23 1.44 0.00	48.72 2.29 0.00	43.65 2.13 0.00	60.09 3.22 0.00	62.52 3.45 0.00	41.25 2.41 0.00	37.19 2.02 0.00	29.90 1.56 0.00	34.22 1.64 0.00
LWR___OSWEGATCHIE_HYD 23850	21.28 -0.17 0.00	20.55 -0.19 0.00	18.56 -0.32 0.00	17.72 -0.18 0.00	17.81 -0.13 0.00	20.52 -0.06 0.00	26.30 0.08 0.00	27.15 -0.06 0.00	28.96 -0.16 0.00	27.06 -0.15 0.00	22.04 -0.23 0.00	21.82 -0.25 0.00	28.35 -0.48 -0.19	34.26 -0.37 0.00	29.76 -0.20 0.00	29.42 -0.36 0.00	45.76 -0.67 0.00	40.93 -0.58 0.00	56.35 -0.53 0.00	59.03 -0.07 -0.02	38.99 0.14 0.00	35.29 0.12 0.00	28.50 0.16 0.00	32.92 0.34 0.00
LYONS_FALL_HYD 23570	21.57 0.12 0.00	20.75 0.01 0.00	18.70 -0.17 0.00	17.85 -0.05 0.00	17.95 0.01 0.00	20.73 0.14 0.00	26.66 0.44 0.00	27.73 0.52 0.00	29.66 0.54 0.00	27.73 0.52 0.00	22.62 0.35 0.00	22.39 0.33 0.00	29.15 0.36 -0.16	35.11 0.49 0.00	30.41 0.44 0.00	30.18 0.39 0.00	46.96 0.53 0.00	41.96 0.44 0.00	57.77 0.89 0.00	60.54 1.44 -0.02	39.94 1.10 0.00	36.19 1.02 0.00	29.11 0.77 0.00	33.43 0.85 0.00
MADISON___COUNTY_LFGE 323628	21.93 0.47 0.00	21.11 0.37 0.00	19.13 0.25 0.00	18.18 0.28 0.00	18.22 0.28 0.00	20.97 0.39 0.00	26.85 0.63 0.00	27.93 0.72 0.00	29.87 0.74 0.00	27.88 0.67 0.00	22.83 0.55 0.00	22.61 0.55 0.00	29.47 0.66 -0.17	35.41 0.78 0.00	30.62 0.65 0.00	30.44 0.65 0.00	47.51 1.08 0.00	42.47 0.95 0.00	58.30 1.42 0.00	60.79 1.69 -0.02	40.06 1.22 0.00	36.28 1.11 0.00	29.16 0.82 0.00	33.47 0.89 0.00
MALONE___115KV_TB1 356076	21.37 -0.09 0.00	20.74 0.00 0.00	18.97 0.09 0.00	18.03 0.13 0.00	18.08 0.14 0.00	20.76 0.17 0.00	26.55 0.33 0.00	27.50 0.29 0.00	29.61 0.48 0.00	27.66 0.45 0.00	22.50 0.23 0.00	22.14 0.08 0.00	28.52 -0.12 0.00	34.74 0.12 0.00	30.21 0.25 0.00	29.94 0.15 0.00	46.38 -0.05 0.00	41.70 0.18 0.00	57.53 0.65 0.00	60.04 0.96 0.00	39.44 0.60 0.00	35.52 0.35 0.00	28.68 0.34 0.00	33.30 0.73 0.00
MAPLEWOD_115KV_TB3 80458	22.21 0.76 0.00	21.47 0.74 0.00	19.58 0.70 0.00	18.53 0.63 0.00	18.57 0.64 0.00	21.33 0.75 0.00	27.22 1.00 0.00	28.21 0.99 0.00	30.20 1.08 0.00	28.15 0.94 0.00	23.85 0.79 -0.79	22.92 0.86 0.00	29.86 1.23 0.00	36.08 1.45 0.00	31.17 1.20 0.00	30.91 1.12 0.00	48.23 1.81 0.00	43.27 1.75 0.00	59.20 2.32 0.00	61.58 2.51 0.00	40.60 1.76 0.00	36.61 1.43 0.00	29.50 1.16 0.00	33.76 1.18 0.00
MAPLE RIDGE_WT_1 323574	21.16 -0.29 0.00	20.49 -0.25 0.00	18.59 -0.29 0.00	17.60 -0.30 0.00	17.67 -0.26 0.00	20.33 -0.26 0.00	25.89 -0.33 0.00	26.91 -0.31 0.00	28.95 -0.17 0.00	27.06 -0.15 0.00	22.06 -0.22 0.00	21.91 -0.16 0.00	28.50 -0.14 0.00	34.47 -0.16 0.00	29.81 -0.15 0.00	29.70 -0.09 0.00	46.23 -0.20 0.00	41.16 -0.36 0.00	56.67 -0.21 0.00	58.99 -0.09 0.00	38.89 0.04 0.00	35.19 0.02 0.00	28.37 0.03 0.00	32.61 0.03 0.00

MAPLE RIDGE_WT_2 323611	21.16 -0.29 0.00	20.49 -0.25 0.00	18.59 -0.29 0.00	17.60 -0.30 0.00	17.67 -0.26 0.00	20.33 -0.26 0.00	25.89 -0.33 0.00	26.91 -0.31 0.00	28.95 -0.17 0.00	27.06 -0.15 0.00	22.06 -0.22 0.00	21.91 -0.16 0.00	28.50 -0.14 0.00	34.47 -0.16 0.00	29.81 -0.15 0.00	29.70 -0.09 0.00	46.23 -0.20 0.00	41.16 -0.36 0.00	56.67 -0.21 0.00	58.99 -0.09 0.00	38.89 0.04 0.00	35.19 0.02 0.00	28.37 0.03 0.00	32.61 0.03 0.00
MARBLE RIVER_WT_PWR 323696	21.16 -0.30 0.00	20.55 -0.19 0.00	18.85 -0.03 0.00	17.92 0.03 0.00	18.00 0.06 0.00	20.64 0.06 0.00	26.40 0.18 0.00	27.37 0.15 0.00	29.56 0.44 0.00	27.63 0.42 0.00	22.47 0.19 0.00	22.08 0.02 0.00	28.44 -0.19 0.00	34.65 0.02 0.00	30.05 0.09 0.00	29.84 0.06 0.00	46.17 -0.25 0.00	41.53 0.01 0.00	57.40 0.52 0.00	59.87 0.80 0.00	39.30 0.45 0.00	35.34 0.17 0.00	28.49 0.15 0.00	33.18 0.60 0.00
MARSHVLE_115KV_TB1 80742	22.99 1.54 0.00	22.16 1.42 0.00	20.18 1.30 0.00	19.09 1.19 0.00	19.14 1.20 0.00	22.03 1.44 0.00	28.16 1.94 0.00	29.29 2.08 0.00	31.30 2.18 0.00	29.16 1.95 0.00	24.30 1.48 -0.55	23.43 1.37 0.00	30.36 1.72 0.00	36.93 2.30 0.00	31.78 1.82 0.00	31.79 2.01 0.00	49.66 3.23 0.00	44.35 2.83 0.00	61.09 4.21 0.00	63.56 4.48 0.00	41.72 2.87 0.00	37.85 2.68 0.00	30.43 2.09 0.00	35.03 2.46 0.00
MARSH_HILL_WT_PWR 323713	21.80 0.34 0.00	20.74 0.00 0.00	18.82 -0.06 0.00	17.98 0.08 0.00	18.02 0.08 0.00	20.66 0.07 0.00	26.35 0.13 0.00	27.36 0.14 0.00	29.36 0.23 0.00	27.63 0.43 0.00	22.23 -0.04 0.00	21.81 -0.25 0.00	28.46 -0.29 -0.11	34.30 -0.33 0.00	29.58 -0.39 0.00	29.55 -0.24 0.00	46.90 0.48 0.00	41.55 0.03 0.00	57.36 0.49 0.00	59.81 0.72 -0.01	39.40 0.55 0.00	35.87 0.70 0.00	28.87 0.53 0.00	33.46 0.88 0.00
MCINTYRE_115KV_TB2 80467	21.63 0.17 0.00	20.98 0.25 0.00	19.11 0.23 0.00	18.18 0.29 0.00	18.21 0.28 0.00	20.93 0.34 0.00	26.61 0.38 0.00	27.35 0.13 0.00	29.16 0.04 0.00	27.22 0.01 0.00	22.20 -0.07 0.00	21.97 -0.09 0.00	28.40 -0.23 0.00	34.56 -0.07 0.00	30.08 0.11 0.00	29.81 0.03 0.00	46.41 -0.02 0.00	41.46 -0.06 0.00	57.05 0.17 0.00	59.36 0.28 0.00	39.11 0.26 0.00	35.37 0.20 0.00	28.56 0.22 0.00	33.01 0.43 0.00
MECO____69_KV_BK1 80468	23.72 2.26 0.00	22.81 2.07 0.00	20.68 1.80 0.00	19.63 1.74 0.00	19.66 1.73 0.00	22.65 2.06 0.00	29.10 2.88 0.00	30.20 2.98 0.00	32.40 3.28 0.00	28.98 1.77 0.00	24.31 1.43 -0.61	23.01 0.95 0.00	30.22 1.58 0.00	39.09 4.47 0.00	32.06 2.09 0.00	32.65 2.87 0.00	49.93 3.50 0.00	45.90 4.38 0.00	65.08 8.20 0.00	68.39 9.32 0.00	44.52 5.67 0.00	39.96 4.79 0.00	32.06 3.72 0.00	36.71 4.13 0.00
MENANDS__115KV_TB5 355628	22.03 0.58 0.00	21.31 0.58 0.00	19.44 0.56 0.00	18.40 0.50 0.00	18.44 0.51 0.00	21.17 0.58 0.00	26.99 0.77 0.00	27.96 0.74 0.00	29.92 0.80 0.00	27.90 0.69 0.00	23.67 0.60 -0.80	22.73 0.67 0.00	29.59 0.96 0.00	35.75 1.12 0.00	30.86 0.89 0.00	30.62 0.83 0.00	47.74 1.31 0.00	42.77 1.25 0.00	58.52 1.65 0.00	60.88 1.80 0.00	40.14 1.29 0.00	36.18 1.02 0.00	29.19 0.85 0.00	33.42 0.84 0.00
MG INDUSTRY__DRP 24185	22.10 0.65 0.00	21.38 0.64 0.00	19.51 0.63 0.00	18.47 0.57 0.00	18.52 0.58 0.00	21.25 0.67 0.00	27.10 0.88 0.00	28.08 0.86 0.00	30.03 0.91 0.00	27.99 0.78 0.00	23.66 0.65 -0.73	22.75 0.69 0.00	29.62 0.98 0.00	35.78 1.15 0.00	30.96 0.99 0.00	30.69 0.90 0.00	47.87 1.44 0.00	42.86 1.34 0.00	58.63 1.75 0.00	60.99 1.91 0.00	40.22 1.37 0.00	36.30 1.13 0.00	29.27 0.93 0.00	33.54 0.97 0.00
MID__OSWEGATCHIE_HYD 23849	21.28 -0.17 0.00	20.55 -0.19 0.00	18.56 -0.32 0.00	17.72 -0.18 0.00	17.81 -0.13 0.00	20.52 -0.06 0.00	26.30 0.08 0.00	27.15 -0.06 0.00	28.96 -0.16 0.00	27.06 -0.15 0.00	22.04 -0.23 0.00	21.82 -0.25 0.00	28.35 -0.48 -0.19	34.26 -0.37 0.00	29.76 -0.20 0.00	29.42 -0.36 0.00	45.76 -0.67 0.00	40.93 -0.58 0.00	56.35 -0.53 0.00	59.03 -0.07 -0.02	38.99 0.14 0.00	35.29 0.12 0.00	28.50 0.16 0.00	32.92 0.34 0.00
MID__RAQUETTE_HYD 23851	21.25 -0.20 0.00	20.61 -0.12 0.00	18.74 -0.14 0.00	17.84 -0.05 0.00	17.86 -0.08 0.00	20.52 -0.06 0.00	26.11 -0.11 0.00	26.77 -0.45 0.00	28.50 -0.61 0.00	26.59 -0.62 0.00	21.67 -0.60 0.00	21.48 -0.59 0.00	27.81 -0.92 -0.10	33.78 -0.85 0.00	29.43 -0.54 0.00	29.07 -0.72 0.00	45.30 -1.12 0.00	40.57 -0.95 0.00	55.70 -1.18 0.00	57.94 -1.15 -0.01	38.21 -0.64 0.00	34.52 -0.65 0.00	28.00 -0.34 0.00	32.50 -0.07 0.00
MILLIKEN__1 23584	21.90 0.44 0.00	21.06 0.33 0.00	19.14 0.26 0.00	18.14 0.24 0.00	18.18 0.25 0.00	20.89 0.31 0.00	26.74 0.52 0.00	27.84 0.63 0.00	29.74 0.61 0.00	27.76 0.54 0.00	22.67 0.40 0.00	22.40 0.34 0.00	29.47 0.47 -0.37	35.32 0.69 0.00	30.50 0.53 0.00	30.27 0.49 0.00	47.19 0.77 0.00	42.15 0.63 0.00	57.81 0.93 0.00	60.30 1.18 -0.04	39.65 0.80 0.00	36.00 0.83 0.00	28.94 0.60 0.00	33.25 0.67 0.00
MILLIKEN__2 23585	21.90 0.44 0.00	21.06 0.33 0.00	19.14 0.26 0.00	18.14 0.24 0.00	18.18 0.25 0.00	20.89 0.31 0.00	26.74 0.52 0.00	27.84 0.63 0.00	29.74 0.61 0.00	27.76 0.54 0.00	22.67 0.40 0.00	22.40 0.34 0.00	29.47 0.47 -0.37	35.32 0.69 0.00	30.50 0.53 0.00	30.27 0.49 0.00	47.19 0.77 0.00	42.15 0.63 0.00	57.81 0.93 0.00	60.30 1.18 -0.04	39.65 0.80 0.00	36.00 0.83 0.00	28.94 0.60 0.00	33.25 0.67 0.00
MILLIKEN__DIESEL 23629	21.90 0.44 0.00	21.06 0.33 0.00	19.14 0.26 0.00	18.14 0.24 0.00	18.18 0.25 0.00	20.89 0.31 0.00	26.74 0.52 0.00	27.84 0.63 0.00	29.74 0.61 0.00	27.76 0.54 0.00	22.67 0.40 0.00	22.40 0.34 0.00	29.47 0.47 -0.37	35.32 0.69 0.00	30.50 0.53 0.00	30.27 0.49 0.00	47.19 0.77 0.00	42.15 0.63 0.00	57.81 0.93 0.00	60.30 1.18 -0.04	39.65 0.80 0.00	36.00 0.83 0.00	28.94 0.60 0.00	33.25 0.67 0.00
MILLSEAT__LFGE 323607	21.95 0.49 0.00	21.01 0.27 0.00	19.05 0.18 0.00	18.08 0.18 0.00	18.01 0.08 0.00	20.65 0.07 0.00	26.54 0.32 0.00	27.62 0.40 0.00	29.50 0.37 0.00	27.78 0.57 0.00	22.65 0.38 0.00	22.23 0.16 0.00	28.82 0.18 0.00	34.50 -0.13 0.00	29.76 -0.21 0.00	29.46 -0.32 0.00	46.46 0.03 0.00	41.10 -0.42 0.00	56.44 -0.43 0.00	58.85 -0.23 0.00	38.75 -0.10 0.00	35.33 0.16 0.00	28.60 0.26 0.00	33.26 0.68 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.59 1.14 0.00	21.68 0.94 0.00	19.70 0.83 0.00	18.64 0.75 0.00	18.69 0.75 0.00	21.48 0.89 0.00	27.55 1.33 0.00	28.70 1.48 0.00	30.83 1.71 0.00	28.82 1.61 0.00	27.63 1.48 -3.88	23.64 1.58 0.00	30.72 2.08 0.00	37.00 2.37 0.00	31.98 2.01 0.00	31.90 2.11 0.00	49.82 3.39 0.00	44.58 3.06 0.00	60.67 3.79 0.00	62.63 3.56 0.00	41.12 2.27 0.00	37.17 2.00 0.00	29.92 1.58 0.00	34.23 1.65 0.00

MILLWOOD_13_KV_LOAD 356217	22.66 1.20 0.00	21.74 1.00 0.00	19.76 0.88 0.00	18.69 0.79 0.00	18.73 0.80 0.00	21.54 0.95 0.00	27.62 1.40 0.00	28.78 1.57 0.00	30.92 1.80 0.00	28.91 1.70 0.00	27.70 1.55 -3.88	23.71 1.65 0.00	30.81 2.18 0.00	37.13 2.50 0.00	32.10 2.13 0.00	32.02 2.23 0.00	50.01 3.58 0.00	44.77 3.25 0.00	60.91 4.04 0.00	62.88 3.81 0.00	41.28 2.43 0.00	37.30 2.13 0.00	30.02 1.68 0.00	34.33 1.75 0.00
MODEL_CITY_ENERGY 24167	21.39 -0.06 0.00	20.48 -0.25 0.00	18.58 -0.30 0.00	17.64 -0.26 0.00	17.56 -0.37 0.00	20.10 -0.49 0.00	25.80 -0.42 0.00	26.79 -0.42 0.00	28.60 -0.52 0.00	26.98 -0.22 0.00	21.97 -0.30 0.00	21.58 -0.48 0.00	27.93 -0.71 0.00	33.32 -1.31 0.00	28.75 -1.22 0.00	28.50 -1.29 0.00	44.66 -1.77 0.00	39.64 -1.88 0.00	54.43 -2.45 0.00	56.64 -2.44 0.00	37.30 -1.55 0.00	34.05 -1.12 0.00	27.67 -0.67 0.00	32.31 -0.27 0.00
MODERN_LFGE_ 323580	21.39 -0.06 0.00	20.48 -0.25 0.00	18.58 -0.30 0.00	17.64 -0.26 0.00	17.56 -0.37 0.00	20.10 -0.49 0.00	25.80 -0.42 0.00	26.79 -0.42 0.00	28.60 -0.52 0.00	26.98 -0.22 0.00	21.97 -0.30 0.00	21.58 -0.48 0.00	27.93 -0.71 0.00	33.32 -1.31 0.00	28.75 -1.22 0.00	28.50 -1.29 0.00	44.66 -1.77 0.00	39.64 -1.88 0.00	54.43 -2.45 0.00	56.64 -2.44 0.00	37.30 -1.55 0.00	34.05 -1.12 0.00	27.67 -0.67 0.00	32.31 -0.27 0.00
MOHAWK_PAPER___DRP 24187	22.21 0.76 0.00	21.47 0.74 0.00	19.58 0.70 0.00	18.53 0.63 0.00	18.57 0.64 0.00	21.33 0.75 0.00	27.22 1.00 0.00	28.21 0.99 0.00	30.20 1.08 0.00	28.15 0.94 0.00	23.85 0.79 -0.79	22.92 0.86 0.00	29.86 1.23 0.00	36.08 1.45 0.00	31.17 1.20 0.00	30.91 1.12 0.00	48.23 1.81 0.00	43.27 1.75 0.00	59.20 2.32 0.00	61.58 2.51 0.00	40.60 1.76 0.00	36.61 1.43 0.00	29.50 1.16 0.00	33.76 1.18 0.00
MOHICAN__35_KV_115KV_LD 80490	22.50 1.04 0.00	21.71 0.97 0.00	19.73 0.85 0.00	18.67 0.77 0.00	18.72 0.79 0.00	21.61 1.02 0.00	27.57 1.34 0.00	28.39 1.18 0.00	30.37 1.25 0.00	28.36 1.15 0.00	23.78 0.75 -0.76	23.00 0.94 0.00	30.04 1.40 0.00	36.28 1.65 0.00	31.26 1.29 0.00	31.02 1.24 0.00	48.40 1.97 0.00	43.45 1.93 0.00	60.24 3.37 0.00	62.90 3.82 0.00	41.51 2.66 0.00	37.27 2.10 0.00	29.92 1.59 0.00	34.25 1.67 0.00
MONGAUP___HYD 23641	22.75 1.29 0.00	21.84 1.10 0.00	19.83 0.95 0.00	18.79 0.89 0.00	18.81 0.88 0.00	21.63 1.05 0.00	27.76 1.54 0.00	28.88 1.66 0.00	30.87 1.75 0.00	28.70 1.49 0.00	20.77 1.22 2.72	23.31 1.24 0.00	30.24 1.61 0.00	36.52 1.89 0.00	31.60 1.63 0.00	31.47 1.69 0.00	49.33 2.90 0.00	44.48 2.96 0.00	60.87 3.99 0.00	63.08 4.00 0.00	41.50 2.65 0.00	37.58 2.41 0.00	30.28 1.94 0.00	34.62 2.05 0.00
MONTAUK___DIESEL 23721	37.28 3.15 -12.68	23.52 2.78 0.00	21.49 2.60 0.00	20.14 2.25 0.00	20.32 2.39 0.00	23.29 2.71 0.00	29.53 3.31 0.00	30.63 3.42 0.00	33.47 4.35 0.00	31.17 3.76 -0.21	37.26 3.34 -11.64	25.50 3.44 0.00	33.10 4.46 0.00	45.81 5.57 -5.61	35.39 4.58 -0.84	41.97 4.84 -7.35	54.15 7.72 0.00	61.09 7.27 -12.30	68.04 9.32 -1.84	68.24 9.17 0.00	45.45 5.73 -0.87	40.14 4.97 0.00	32.30 3.96 0.00	36.76 4.18 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.83 0.37 0.00	20.92 0.18 0.00	18.98 0.10 0.00	18.00 0.10 0.00	18.07 0.13 0.00	20.73 0.14 0.00	26.68 0.46 0.00	27.84 0.62 0.00	29.76 0.64 0.00	28.16 0.95 0.00	22.83 0.56 0.00	22.34 0.28 0.00	28.90 0.27 0.00	34.51 -0.12 0.00	29.77 -0.20 0.00	29.66 -0.12 0.00	46.53 0.10 0.00	41.43 -0.08 0.00	57.57 0.69 0.00	59.88 0.80 0.00	39.29 0.44 0.00	35.83 0.66 0.00	28.84 0.50 0.00	33.60 1.02 0.00
MORTIMER_115KV_TB3 55949	21.70 0.25 0.00	20.85 0.11 0.00	18.94 0.06 0.00	17.95 0.05 0.00	17.92 -0.01 0.00	20.55 -0.04 0.00	26.30 0.08 0.00	27.37 0.16 0.00	29.27 0.15 0.00	27.53 0.31 0.00	22.48 0.20 0.00	22.14 0.08 0.00	28.70 0.06 0.00	34.47 -0.15 0.00	29.78 -0.19 0.00	29.57 -0.22 0.00	46.11 -0.32 0.00	41.26 -0.26 0.00	56.64 -0.24 0.00	58.91 -0.16 0.00	38.74 -0.11 0.00	35.19 0.02 0.00	28.40 0.05 0.00	32.87 0.30 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.72 1.26 0.00	21.79 1.05 0.00	19.81 0.93 0.00	18.74 0.84 0.00	18.78 0.85 0.00	21.58 0.99 0.00	27.69 1.47 0.00	28.87 1.66 0.00	31.03 1.91 0.00	29.05 1.84 0.00	27.45 1.69 -3.49	23.85 1.79 0.00	30.96 2.33 0.00	37.26 2.64 0.00	32.21 2.24 0.00	32.12 2.34 0.00	50.14 3.71 0.00	44.87 3.35 0.00	61.00 4.12 0.00	62.94 3.87 0.00	41.32 2.47 0.00	37.38 2.21 0.00	30.11 1.77 0.00	34.39 1.82 0.00
MUNSVILLE_WIND_PWR 323609	22.96 1.51 0.00	22.04 1.30 0.00	19.94 1.06 0.00	18.90 1.01 0.00	18.93 1.00 0.00	21.88 1.30 0.00	28.05 1.83 0.00	29.29 2.08 0.00	31.32 2.20 0.00	29.07 1.87 0.00	23.66 1.39 0.00	23.34 1.28 0.00	30.77 1.91 -0.23	37.16 2.53 0.00	32.17 2.20 0.00	31.63 1.85 0.00	49.24 2.81 0.00	44.05 2.53 0.00	60.87 4.00 0.00	63.80 4.69 -0.03	41.99 3.15 0.00	38.08 2.90 0.00	30.49 2.15 0.00	35.04 2.47 0.00
N SALMON___HYD 24042	21.37 -0.09 0.00	20.74 0.00 0.00	18.98 0.10 0.00	18.03 0.13 0.00	18.08 0.15 0.00	20.76 0.17 0.00	26.55 0.33 0.00	27.50 0.29 0.00	29.61 0.49 0.00	27.66 0.45 0.00	22.50 0.23 0.00	22.15 0.08 0.00	28.52 -0.12 0.00	34.74 0.12 0.00	30.21 0.25 0.00	29.94 0.15 0.00	46.38 -0.05 0.00	41.70 0.18 0.00	57.53 0.65 0.00	60.03 0.96 0.00	39.44 0.59 0.00	35.52 0.35 0.00	28.68 0.34 0.00	33.30 0.73 0.00
N.AKRON__115KV_KNAPP 355671	21.88 0.42 0.00	20.95 0.22 0.00	19.02 0.14 0.00	18.04 0.14 0.00	17.97 0.04 0.00	20.58 0.00 0.00	26.46 0.23 0.00	27.53 0.31 0.00	29.41 0.29 0.00	27.71 0.50 0.00	22.59 0.32 0.00	22.19 0.12 0.00	28.74 0.10 0.00	34.37 -0.26 0.00	29.65 -0.32 0.00	29.38 -0.41 0.00	47.06 0.63 0.00	41.04 -0.48 0.00	56.19 -0.69 0.00	58.55 -0.53 0.00	38.55 -0.30 0.00	35.16 -0.01 0.00	28.48 0.14 0.00	33.17 0.59 0.00
N.BELMOR_69_KV_BK1 55787	35.84 1.71 -12.67	22.18 1.44 0.00	20.15 1.28 0.00	19.02 1.12 0.00	19.11 1.17 0.00	21.95 1.37 0.00	28.14 1.92 0.00	29.32 2.10 0.00	31.67 2.55 0.00	29.58 2.17 -0.21	35.99 2.08 -11.64	24.18 2.11 0.00	31.38 2.74 0.00	43.53 3.29 -5.61	33.57 2.76 -0.84	40.03 2.90 -7.35	50.93 4.50 0.00	57.96 4.14 -12.30	63.86 5.14 -1.84	64.04 4.96 0.00	42.94 3.23 -0.87	38.00 2.83 0.00	30.61 2.27 0.00	34.97 2.39 0.00
N.E._GEN_SANDY PD 24062	22.48 0.88 -0.14	21.61 0.87 0.00	23.66 0.81 -3.97	21.08 0.74 -2.44	25.62 0.74 -6.95	28.91 0.87 -7.45	27.35 1.13 0.00	27.87 1.12 0.46	30.33 1.21 0.00	28.28 1.08 0.00	24.47 0.93 -1.27	23.06 0.99 0.00	29.96 1.32 0.00	36.18 1.55 0.00	30.67 1.23 0.54	30.85 1.23 0.16	48.33 1.90 0.00	43.31 1.79 0.00	59.33 2.46 0.00	61.62 2.61 0.07	41.29 1.81 -0.63	36.64 1.47 0.00	30.08 1.23 -0.51	40.11 1.27 -6.27

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.56 1.11 0.00	21.64 0.91 0.00	19.65 0.77 0.00	18.60 0.70 0.00	18.63 0.70 0.00	21.42 0.84 0.00	27.49 1.27 0.00	28.65 1.43 0.00	30.76 1.64 0.00	28.77 1.56 0.00	19.03 1.44 4.68	23.61 1.55 0.00	30.70 2.07 0.00	37.01 2.38 0.00	31.99 2.02 0.00	31.92 2.14 0.00	49.90 3.48 0.00	44.67 3.16 0.00	60.75 3.88 0.00	62.66 3.58 0.00	41.09 2.24 0.00	37.13 1.96 0.00	29.87 1.53 0.00	34.19 1.61 0.00
N. QUEENS_27_KV_LOAD 356247	22.76 1.31 0.00	21.83 1.09 0.00	19.84 0.96 0.00	18.78 0.88 0.00	18.80 0.86 0.00	21.63 1.04 0.00	27.67 1.45 0.00	28.88 1.67 0.00	31.06 1.94 0.00	29.06 1.85 0.00	27.45 1.69 -3.49	23.85 1.78 0.00	30.97 2.34 0.00	37.24 2.61 0.00	32.18 2.21 0.00	32.11 2.33 0.00	50.11 3.68 0.00	44.90 3.38 0.00	60.97 4.09 0.00	63.05 3.98 0.00	41.36 2.51 0.00	37.42 2.25 0.00	30.11 1.77 0.00	34.35 1.77 0.00
N. TROY___115KV_TB1 355778	22.29 0.84 0.00	21.57 0.83 0.00	19.67 0.79 0.00	18.63 0.73 0.00	18.65 0.72 0.00	21.45 0.86 0.00	27.27 1.05 0.00	28.16 0.95 0.00	30.14 1.02 0.00	28.08 0.87 0.00	23.77 0.70 -0.80	22.84 0.78 0.00	29.74 1.10 0.00	35.94 1.31 0.00	31.01 1.05 0.00	30.81 1.02 0.00	47.98 1.56 0.00	43.03 1.51 0.00	59.11 2.24 0.00	61.59 2.51 0.00	40.64 1.80 0.00	36.61 1.43 0.00	29.52 1.18 0.00	33.82 1.25 0.00
NARROWS_GT1_1 24228	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.01 0.00	18.81 0.91 0.00	18.85 0.91 0.00	21.67 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.80 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.45 2.82 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.59 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.90 0.00
NARROWS_GT1_2 24229	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.01 0.00	18.81 0.91 0.00	18.85 0.91 0.00	21.67 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.80 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.45 2.82 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.59 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.90 0.00
NARROWS_GT1_3 24230	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.01 0.00	18.81 0.91 0.00	18.85 0.91 0.00	21.67 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.80 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.45 2.82 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.59 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.90 0.00
NARROWS_GT1_4 24231	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.01 0.00	18.81 0.91 0.00	18.85 0.91 0.00	21.67 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.80 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.45 2.82 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.59 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.90 0.00
NARROWS_GT1_5 24232	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.01 0.00	18.81 0.91 0.00	18.85 0.91 0.00	21.67 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.80 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.45 2.82 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.59 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.90 0.00
NARROWS_GT1_6 24233	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.01 0.00	18.81 0.91 0.00	18.85 0.91 0.00	21.67 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.80 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.45 2.82 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.59 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.90 0.00
NARROWS_GT1_7 24234	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.01 0.00	18.81 0.91 0.00	18.85 0.91 0.00	21.67 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.80 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.45 2.82 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.59 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.90 0.00
NARROWS_GT1_8 24235	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.01 0.00	18.81 0.91 0.00	18.85 0.91 0.00	21.67 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.80 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.45 2.82 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.59 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.90 0.00
NARROWS_GT2_1 24236	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.01 0.00	18.81 0.91 0.00	18.85 0.91 0.00	21.67 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.80 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.45 2.82 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.59 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.90 0.00
NARROWS_GT2_2 24237	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.01 0.00	18.81 0.91 0.00	18.85 0.91 0.00	21.67 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.80 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.45 2.82 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.59 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.90 0.00
NARROWS_GT2_3 24238	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.01 0.00	18.81 0.91 0.00	18.85 0.91 0.00	21.67 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.80 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.45 2.82 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.59 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.90 0.00
NARROWS_GT2_4 24239	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.01 0.00	18.81 0.91 0.00	18.85 0.91 0.00	21.67 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.80 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.45 2.82 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.59 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.90 0.00

NARROWS_GT2_5 24240	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.01 0.00	18.81 0.91 0.00	18.85 0.91 0.00	21.67 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.80 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.45 2.82 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.59 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.90 0.00
NARROWS_GT2_6 24241	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.01 0.00	18.81 0.91 0.00	18.85 0.91 0.00	21.67 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.80 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.45 2.82 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.59 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.90 0.00
NARROWS_GT2_7 24242	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.01 0.00	18.81 0.91 0.00	18.85 0.91 0.00	21.67 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.80 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.45 2.82 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.59 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.90 0.00
NARROWS_GT2_8 24243	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.01 0.00	18.81 0.91 0.00	18.85 0.91 0.00	21.67 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.80 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.45 2.82 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.59 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.90 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.37 0.91 0.00	21.64 0.91 0.00	19.75 0.87 0.00	18.68 0.79 0.00	18.73 0.80 0.00	21.54 0.96 0.00	27.45 1.23 0.00	28.43 1.22 0.00	30.36 1.24 0.00	28.17 0.96 0.00	23.60 0.73 -0.60	22.87 0.81 0.00	29.89 1.26 0.00	36.14 1.51 0.00	31.45 1.49 0.00	30.99 1.21 0.00	48.50 2.08 0.00	43.66 2.14 0.00	59.70 2.82 0.00	62.28 3.20 0.00	41.17 2.32 0.00	37.09 1.92 0.00	29.83 1.49 0.00	34.09 1.52 0.00
NCHELSEA_115KV_TR2 355582	22.72 1.27 0.00	21.82 1.09 0.00	19.84 0.96 0.00	18.77 0.87 0.00	18.81 0.88 0.00	21.63 1.04 0.00	27.73 1.51 0.00	28.88 1.67 0.00	31.01 1.89 0.00	28.98 1.77 0.00	23.85 1.58 0.00	23.74 1.68 0.00	30.86 2.23 0.00	37.25 2.62 0.00	32.18 2.21 0.00	32.12 2.34 0.00	50.21 3.78 0.00	44.93 3.42 0.00	61.20 4.33 0.00	63.24 4.17 0.00	41.53 2.69 0.00	37.52 2.35 0.00	30.18 1.84 0.00	34.49 1.92 0.00
NEG CAPITAL___MECHNVIL 23645	22.51 1.05 0.00	21.74 1.01 0.00	19.81 0.94 0.00	18.75 0.86 0.00	18.79 0.86 0.00	21.62 1.04 0.00	27.56 1.34 0.00	28.50 1.28 0.00	30.49 1.37 0.00	28.43 1.22 0.00	24.00 0.95 -0.77	23.13 1.07 0.00	30.15 1.51 0.00	36.46 1.83 0.00	31.47 1.50 0.00	31.25 1.46 0.00	48.75 2.32 0.00	43.70 2.18 0.00	60.11 3.24 0.00	62.60 3.52 0.00	41.27 2.42 0.00	37.16 1.98 0.00	29.90 1.56 0.00	34.22 1.64 0.00
NEG CENTRAL_HIGH_ACRES 23767	21.31 -0.15 0.00	20.46 -0.27 0.00	18.58 -0.30 0.00	17.62 -0.28 0.00	17.61 -0.32 0.00	20.23 -0.36 0.00	25.89 -0.33 0.00	26.97 -0.25 0.00	28.83 -0.29 0.00	27.08 -0.13 0.00	22.12 -0.15 0.00	21.82 -0.24 0.00	28.44 -0.33 -0.13	34.04 -0.59 0.00	29.41 -0.56 0.00	29.21 -0.57 0.00	45.55 -0.87 0.00	40.80 -0.71 0.00	56.02 -0.86 0.00	58.24 -0.86 -0.02	38.24 -0.61 0.00	34.69 -0.48 0.00	27.96 -0.38 0.00	32.29 -0.29 0.00
NEG CENTRAL___DRP 24199	21.64 0.19 0.00	20.80 0.06 0.00	18.90 0.02 0.00	17.92 0.02 0.00	17.95 0.02 0.00	20.63 0.05 0.00	26.38 0.15 0.00	27.47 0.26 0.00	29.33 0.21 0.00	27.49 0.28 0.00	22.47 0.19 0.00	22.19 0.13 0.00	29.23 0.24 -0.35	34.76 0.13 0.00	30.06 0.09 0.00	29.84 0.06 0.00	46.59 0.16 0.00	41.65 0.14 0.00	57.11 0.23 0.00	59.49 0.37 -0.04	39.08 0.23 0.00	35.47 0.30 0.00	28.56 0.22 0.00	32.82 0.24 0.00
NEG CENTRAL___INDECK 23768	22.34 0.88 0.00	21.38 0.64 0.00	19.38 0.50 0.00	18.43 0.53 0.00	18.41 0.48 0.00	21.15 0.56 0.00	27.09 0.87 0.00	28.15 0.94 0.00	29.82 0.70 0.00	27.93 0.73 0.00	22.65 0.38 0.00	22.32 0.26 0.00	29.04 0.41 0.00	34.98 0.35 0.00	30.28 0.31 0.00	30.00 0.21 0.00	47.30 0.87 0.00	42.14 0.62 0.00	58.08 1.20 0.00	60.71 1.63 0.00	40.21 1.37 0.00	36.62 1.45 0.00	29.46 1.12 0.00	34.06 1.48 0.00
NEG CENTRAL___SENECA 23627	21.78 0.33 0.00	20.88 0.14 0.00	18.95 0.07 0.00	17.99 0.09 0.00	18.02 0.09 0.00	20.71 0.12 0.00	26.50 0.28 0.00	27.64 0.42 0.00	29.45 0.33 0.00	27.69 0.48 0.00	22.60 0.32 0.00	22.28 0.21 0.00	29.19 0.37 -0.18	34.86 0.23 0.00	30.20 0.23 0.00	29.95 0.16 0.00	46.81 0.38 0.00	41.82 0.30 0.00	57.39 0.52 0.00	59.81 0.72 -0.02	39.28 0.44 0.00	35.67 0.49 0.00	28.73 0.39 0.00	33.00 0.42 0.00
NEG CENTRAL___STATE_STREET 24147	21.69 0.23 0.00	20.92 0.18 0.00	19.11 0.23 0.00	18.00 0.10 0.00	18.11 0.18 0.00	20.77 0.19 0.00	26.54 0.32 0.00	27.60 0.38 0.00	29.51 0.39 0.00	27.54 0.34 0.00	22.56 0.29 0.00	22.33 0.27 0.00	29.53 0.39 -0.51	35.11 0.48 0.00	30.22 0.25 0.00	30.09 0.30 0.00	46.93 0.51 0.00	41.91 0.39 0.00	57.32 0.45 0.00	59.69 0.55 -0.06	39.22 0.37 0.00	35.65 0.49 0.00	28.70 0.36 0.00	32.98 0.40 0.00
NEG MILLWOOD___DRP 24198	22.79 1.33 0.00	21.88 1.14 0.00	19.88 1.00 0.00	18.81 0.91 0.00	18.85 0.92 0.00	21.68 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.18 2.06 0.00	29.10 1.89 0.00	25.26 1.69 -1.29	23.85 1.78 0.00	31.00 2.37 0.00	37.39 2.76 0.00	32.32 2.35 0.00	32.28 2.49 0.00	50.44 4.01 0.00	45.13 3.61 0.00	61.45 4.57 0.00	63.47 4.39 0.00	41.67 2.83 0.00	37.64 2.47 0.00	30.27 1.93 0.00	34.57 2.00 0.00
NEG NORTH_FLCN_SEA 23793	21.44 -0.02 0.00	20.78 0.04 0.00	19.05 0.17 0.00	18.11 0.21 0.00	18.20 0.26 0.00	20.90 0.32 0.00	26.74 0.52 0.00	27.66 0.45 0.00	29.90 0.78 0.00	27.94 0.73 0.00	22.73 0.45 0.00	22.34 0.27 0.00	28.79 0.16 0.00	35.06 0.43 0.00	30.39 0.42 0.00	30.18 0.39 0.00	46.69 0.26 0.00	42.06 0.54 0.00	58.17 1.29 0.00	60.63 1.56 0.00	39.80 0.95 0.00	35.78 0.60 0.00	28.84 0.50 0.00	33.61 1.03 0.00
NEG NORTH_KES_CHATEGAY 23792	21.16 -0.29 0.00	20.56 -0.18 0.00	18.85 -0.03 0.00	17.91 0.02 0.00	17.98 0.04 0.00	20.63 0.05 0.00	26.38 0.16 0.00	27.37 0.16 0.00	29.55 0.43 0.00	27.59 0.38 0.00	22.43 0.16 0.00	22.06 -0.01 0.00	28.41 -0.22 0.00	34.61 -0.02 0.00	30.04 0.07 0.00	29.84 0.06 0.00	46.16 -0.27 0.00	41.49 -0.03 0.00	57.39 0.51 0.00	59.89 0.81 0.00	39.30 0.45 0.00	35.36 0.18 0.00	28.51 0.17 0.00	33.18 0.60 0.00

NEG NORTH___ALICE_FALLS 23915	21.41 -0.05 0.00	20.75 0.01 0.00	19.01 0.14 0.00	18.08 0.18 0.00	18.16 0.23 0.00	20.86 0.27 0.00	26.70 0.48 0.00	27.67 0.45 0.00	29.90 0.78 0.00	27.92 0.71 0.00	22.71 0.44 0.00	22.32 0.26 0.00	28.74 0.11 0.00	34.98 0.35 0.00	30.34 0.37 0.00	30.15 0.36 0.00	46.60 0.18 0.00	41.99 0.48 0.00	58.12 1.24 0.00	60.65 1.57 0.00	39.81 0.96 0.00	35.81 0.64 0.00	28.84 0.50 0.00	33.58 1.00 0.00
NEG NORTH___LWR_SARANAC 23913	21.41 -0.05 0.00	20.75 0.01 0.00	19.01 0.14 0.00	18.08 0.18 0.00	18.16 0.23 0.00	20.86 0.27 0.00	26.70 0.48 0.00	27.67 0.45 0.00	29.90 0.78 0.00	27.92 0.71 0.00	22.71 0.44 0.00	22.32 0.26 0.00	28.74 0.11 0.00	34.98 0.35 0.00	30.34 0.37 0.00	30.15 0.36 0.00	46.60 0.18 0.00	41.99 0.48 0.00	58.12 1.24 0.00	60.65 1.57 0.00	39.81 0.96 0.00	35.81 0.64 0.00	28.84 0.50 0.00	33.58 1.00 0.00
NEG NORTH___PLATTSBURG 23628	21.41 -0.05 0.00	20.75 0.01 0.00	19.02 0.14 0.00	18.09 0.19 0.00	18.16 0.23 0.00	20.86 0.27 0.00	26.70 0.48 0.00	27.67 0.45 0.00	29.90 0.78 0.00	27.92 0.71 0.00	22.71 0.44 0.00	22.32 0.25 0.00	28.75 0.11 0.00	34.98 0.35 0.00	30.34 0.37 0.00	30.15 0.36 0.00	46.61 0.18 0.00	41.99 0.48 0.00	58.12 1.24 0.00	60.65 1.57 0.00	39.81 0.96 0.00	35.81 0.64 0.00	28.84 0.50 0.00	33.58 1.00 0.00
NEG WEST_LEA_LOCKPORT 23791	21.59 0.14 0.00	20.69 -0.05 0.00	18.79 -0.09 0.00	17.82 -0.08 0.00	17.75 -0.19 0.00	20.30 -0.29 0.00	26.06 -0.16 0.00	27.09 -0.12 0.00	28.93 -0.19 0.00	27.29 0.08 0.00	22.22 -0.06 0.00	21.82 -0.24 0.00	28.25 -0.39 0.00	33.74 -0.89 0.00	29.09 -0.88 0.00	28.85 -0.93 0.00	45.28 -1.14 0.00	40.15 -1.37 0.00	55.13 -1.75 0.00	57.37 -1.71 0.00	37.77 -1.08 0.00	34.47 -0.70 0.00	27.99 -0.35 0.00	32.67 0.09 0.00
NEG WEST___LANCASTR 23811	21.65 0.20 0.00	20.73 -0.01 0.00	18.81 -0.07 0.00	17.86 -0.04 0.00	17.82 -0.11 0.00	20.41 -0.17 0.00	26.20 -0.02 0.00	27.33 0.11 0.00	29.19 0.07 0.00	27.57 0.36 0.00	22.39 0.12 0.00	21.98 -0.08 0.00	28.52 -0.11 0.00	34.17 -0.45 0.00	29.49 -0.48 0.00	29.28 -0.50 0.00	45.90 -0.53 0.00	40.82 -0.69 0.00	55.98 -0.90 0.00	58.17 -0.90 0.00	38.23 -0.61 0.00	34.89 -0.28 0.00	28.22 -0.12 0.00	32.89 0.32 0.00
NEG_PENN_ALLEGHNY 23528	21.70 0.25 0.00	20.83 0.09 0.00	18.91 0.03 0.00	17.96 0.06 0.00	17.99 0.06 0.00	20.65 0.07 0.00	26.44 0.22 0.00	27.57 0.36 0.00	29.45 0.33 0.00	27.60 0.39 0.00	22.55 0.28 0.00	22.26 0.19 0.00	29.17 0.31 -0.21	34.94 0.31 0.00	30.25 0.28 0.00	30.05 0.27 0.00	46.99 0.56 0.00	41.93 0.42 0.00	57.28 0.41 0.00	59.58 0.47 -0.03	39.13 0.28 0.00	35.54 0.37 0.00	28.61 0.27 0.00	32.98 0.40 0.00
NEG___GEN_MONROE 24207	21.90 0.44 0.00	21.03 0.29 0.00	19.12 0.24 0.00	18.08 0.18 0.00	18.05 0.11 0.00	20.70 0.11 0.00	26.50 0.28 0.00	27.59 0.38 0.00	29.48 0.36 0.00	27.73 0.52 0.00	22.64 0.36 0.00	22.28 0.21 0.00	28.90 0.27 0.00	34.70 0.07 0.00	29.96 -0.01 0.00	29.72 -0.07 0.00	46.39 -0.03 0.00	41.48 -0.04 0.00	56.97 0.10 0.00	59.32 0.24 0.00	39.02 0.17 0.00	35.47 0.30 0.00	28.62 0.28 0.00	33.15 0.57 0.00
NEPA___ENERGY 23901	21.69 0.23 0.00	20.68 -0.06 0.00	18.72 -0.16 0.00	17.78 -0.12 0.00	17.81 -0.13 0.00	20.41 -0.17 0.00	26.27 0.05 0.00	27.45 0.24 0.00	29.24 0.12 0.00	27.62 0.42 0.00	22.47 0.19 0.00	22.03 -0.03 0.00	28.64 0.00 0.00	34.33 -0.30 0.00	29.63 -0.34 0.00	29.47 -0.32 0.00	46.30 -0.12 0.00	41.14 -0.37 0.00	56.31 -0.56 0.00	58.52 -0.56 0.00	38.37 -0.47 0.00	35.08 -0.10 0.00	28.29 -0.05 0.00	33.00 0.42 0.00
NEVERSINK___HYD 23608	22.39 0.94 0.00	21.46 0.72 0.00	19.48 0.60 0.00	18.44 0.54 0.00	18.47 0.54 0.00	21.24 0.65 0.00	27.27 1.05 0.00	28.40 1.19 0.00	30.44 1.32 0.00	28.43 1.22 0.00	22.86 1.10 0.51	23.24 1.18 0.00	30.10 1.46 0.00	35.46 0.82 0.00	30.63 0.66 0.00	30.62 0.83 0.00	47.96 1.53 0.00	42.91 1.39 0.00	58.53 1.65 0.00	60.59 1.52 0.00	39.90 1.06 0.00	37.04 1.87 0.00	29.75 1.41 0.00	33.98 1.41 0.00
NEWKRMKL_115KV_TB1 55635	21.91 0.46 0.00	21.19 0.45 0.00	19.31 0.44 0.00	18.29 0.39 0.00	18.33 0.39 0.00	21.05 0.46 0.00	26.84 0.62 0.00	27.83 0.61 0.00	29.79 0.67 0.00	27.80 0.59 0.00	23.58 0.52 -0.79	22.66 0.59 0.00	29.50 0.86 0.00	35.64 1.01 0.00	30.78 0.81 0.00	30.54 0.76 0.00	47.63 1.21 0.00	42.66 1.14 0.00	58.34 1.46 0.00	60.64 1.57 0.00	39.98 1.13 0.00	36.04 0.87 0.00	29.06 0.72 0.00	33.26 0.68 0.00
NEWTON___FALLS_HYD 23847	21.28 -0.17 0.00	20.55 -0.19 0.00	18.56 -0.32 0.00	17.72 -0.18 0.00	17.81 -0.13 0.00	20.52 -0.06 0.00	26.30 0.08 0.00	27.15 -0.06 0.00	28.96 -0.16 0.00	27.06 -0.15 0.00	22.04 -0.23 0.00	21.82 -0.25 0.00	28.35 -0.48 -0.19	34.26 -0.37 0.00	29.76 -0.20 0.00	29.42 -0.36 0.00	45.76 -0.67 0.00	40.93 -0.58 0.00	56.35 -0.53 0.00	59.03 -0.07 -0.02	38.99 0.14 0.00	35.29 0.12 0.00	28.50 0.16 0.00	32.92 0.34 0.00
NGRID_A1_DSASP 323792	21.34 -0.11 0.00	20.45 -0.29 0.00	18.55 -0.33 0.00	17.62 -0.28 0.00	17.53 -0.41 0.00	20.06 -0.53 0.00	25.72 -0.50 0.00	26.72 -0.50 0.00	28.52 -0.60 0.00	26.89 -0.32 0.00	21.90 -0.37 0.00	21.52 -0.55 0.00	27.83 -0.80 0.00	33.20 -1.43 0.00	28.49 -1.47 0.00	28.22 -1.57 0.00	44.09 -2.34 0.00	39.21 -2.30 0.00	53.87 -3.01 0.00	56.01 -3.07 0.00	36.90 -1.95 0.00	33.68 -1.49 0.00	27.42 -0.92 0.00	32.03 -0.55 0.00
NGRID_A2_DSASP 323793	21.34 -0.11 0.00	20.45 -0.29 0.00	18.55 -0.33 0.00	17.62 -0.28 0.00	17.53 -0.41 0.00	20.06 -0.53 0.00	25.72 -0.50 0.00	26.72 -0.50 0.00	28.52 -0.60 0.00	26.89 -0.32 0.00	21.90 -0.37 0.00	21.52 -0.55 0.00	27.83 -0.80 0.00	33.20 -1.43 0.00	28.49 -1.47 0.00	28.22 -1.57 0.00	44.09 -2.34 0.00	39.21 -2.30 0.00	53.87 -3.01 0.00	56.01 -3.07 0.00	36.90 -1.95 0.00	33.68 -1.49 0.00	27.42 -0.92 0.00	32.03 -0.55 0.00
NGRID_A4_DSASP 323807	21.33 -0.13 0.00	20.45 -0.29 0.00	18.58 -0.29 0.00	17.62 -0.27 0.00	17.54 -0.39 0.00	20.06 -0.53 0.00	25.72 -0.50 0.00	26.71 -0.50 0.00	28.52 -0.60 0.00	26.89 -0.32 0.00	21.89 -0.38 0.00	21.51 -0.55 0.00	27.83 -0.81 0.00	33.21 -1.42 0.00	28.49 -1.47 0.00	28.23 -1.55 0.00	44.09 -2.34 0.00	39.22 -2.30 0.00	53.87 -3.01 0.00	56.01 -3.07 0.00	36.90 -1.95 0.00	33.68 -1.49 0.00	27.42 -0.92 0.00	32.03 -0.55 0.00
NIAGARA_115E_LBMP 323715	21.27 -0.18 0.00	20.37 -0.36 0.00	18.48 -0.40 0.00	17.55 -0.35 0.00	17.47 -0.46 0.00	19.99 -0.60 0.00	25.66 -0.57 0.00	26.63 -0.58 0.00	28.42 -0.70 0.00	26.82 -0.39 0.00	21.83 -0.44 0.00	21.44 -0.62 0.00	27.74 -0.89 0.00	33.08 -1.54 0.00	28.55 -1.42 0.00	28.29 -1.49 0.00	44.28 -2.15 0.00	39.35 -2.17 0.00	54.03 -2.84 0.00	56.19 -2.88 0.00	37.01 -1.84 0.00	33.80 -1.37 0.00	27.50 -0.84 0.00	32.13 -0.45 0.00

NIAGARA_115W_LBMP 323714	21.29 -0.16 0.00	20.41 -0.33 0.00	18.51 -0.36 0.00	17.58 -0.32 0.00	17.49 -0.44 0.00	20.02 -0.57 0.00	25.66 -0.56 0.00	26.66 -0.56 0.00	28.45 -0.67 0.00	26.82 -0.39 0.00	21.85 -0.42 0.00	21.46 -0.60 0.00	27.76 -0.88 0.00	33.12 -1.51 0.00	28.41 -1.55 0.00	28.14 -1.65 0.00	43.95 -2.48 0.00	39.09 -2.43 0.00	53.71 -3.17 0.00	55.84 -3.24 0.00	36.78 -2.06 0.00	33.59 -1.58 0.00	27.35 -1.00 0.00	31.95 -0.63 0.00
NIAGARA_230_LBMP 323716	21.40 -0.06 0.00	20.50 -0.23 0.00	18.60 -0.28 0.00	17.66 -0.23 0.00	17.58 -0.35 0.00	20.12 -0.46 0.00	25.80 -0.42 0.00	26.82 -0.39 0.00	28.65 -0.47 0.00	27.01 -0.20 0.00	21.99 -0.28 0.00	21.59 -0.47 0.00	27.93 -0.70 0.00	33.36 -1.27 0.00	28.75 -1.22 0.00	28.50 -1.28 0.00	44.57 -1.85 0.00	39.66 -1.86 0.00	54.48 -2.40 0.00	56.65 -2.43 0.00	37.31 -1.54 0.00	34.04 -1.13 0.00	27.65 -0.69 0.00	32.29 -0.28 0.00
NIAGARA__115KV_198_GIBSON 55903	21.28 -0.17 0.00	20.41 -0.33 0.00	18.55 -0.33 0.00	17.59 -0.31 0.00	17.51 -0.43 0.00	20.01 -0.57 0.00	25.66 -0.56 0.00	26.66 -0.56 0.00	28.45 -0.67 0.00	26.82 -0.39 0.00	21.85 -0.42 0.00	21.46 -0.60 0.00	27.76 -0.88 0.00	33.12 -1.51 0.00	28.41 -1.55 0.00	28.16 -1.63 0.00	43.95 -2.48 0.00	39.09 -2.43 0.00	53.71 -3.17 0.00	55.84 -3.24 0.00	36.78 -2.06 0.00	33.59 -1.58 0.00	27.34 -1.00 0.00	31.95 -0.63 0.00
NIAGARA____ 23760	21.32 -0.14 0.00	20.42 -0.32 0.00	18.52 -0.35 0.00	17.59 -0.31 0.00	17.51 -0.43 0.00	20.03 -0.55 0.00	25.70 -0.52 0.00	26.72 -0.49 0.00	28.54 -0.58 0.00	26.91 -0.30 0.00	21.91 -0.36 0.00	21.52 -0.54 0.00	27.84 -0.80 0.00	33.23 -1.40 0.00	28.62 -1.35 0.00	28.35 -1.43 0.00	44.35 -2.07 0.00	39.44 -2.08 0.00	54.18 -2.70 0.00	56.35 -2.73 0.00	37.11 -1.74 0.00	33.86 -1.31 0.00	27.51 -0.83 0.00	32.10 -0.47 0.00
NINE_MILE_1 23575	20.91 -0.54 0.00	20.17 -0.57 0.00	18.34 -0.54 0.00	17.39 -0.50 0.00	17.43 -0.51 0.00	20.00 -0.58 0.00	25.48 -0.74 0.00	26.46 -0.76 0.00	28.26 -0.86 0.00	26.41 -0.80 0.00	21.62 -0.66 0.00	21.38 -0.68 0.00	24.59 -0.90 3.15	33.54 -1.09 0.00	29.00 -0.97 0.00	28.81 -0.97 0.00	44.91 -1.51 0.00	40.18 -1.34 0.00	55.03 -1.85 0.00	56.81 -1.89 0.37	37.62 -1.23 0.00	34.10 -1.07 0.00	27.48 -0.86 0.00	31.61 -0.96 0.00
NINE_MILE_2 23744	20.91 -0.54 0.00	20.17 -0.57 0.00	18.34 -0.54 0.00	17.39 -0.50 0.00	17.43 -0.51 0.00	20.00 -0.58 0.00	25.48 -0.74 0.00	26.46 -0.76 0.00	28.26 -0.86 0.00	26.41 -0.80 0.00	21.62 -0.65 0.00	21.38 -0.68 0.00	24.54 -0.90 3.20	33.54 -1.09 0.00	29.00 -0.97 0.00	28.81 -0.97 0.00	44.91 -1.51 0.00	40.18 -1.34 0.00	55.03 -1.85 0.00	56.81 -1.89 0.38	37.62 -1.23 0.00	34.10 -1.07 0.00	27.48 -0.86 0.00	31.61 -0.96 0.00
NM_CAPITAL____DRP 24208	21.98 0.52 0.00	21.26 0.52 0.00	19.39 0.51 0.00	18.35 0.45 0.00	18.39 0.46 0.00	21.12 0.53 0.00	26.92 0.70 0.00	27.88 0.67 0.00	29.85 0.73 0.00	27.83 0.62 0.00	23.62 0.54 -0.80	22.68 0.62 0.00	29.52 0.89 0.00	35.67 1.04 0.00	30.80 0.83 0.00	30.55 0.76 0.00	47.63 1.20 0.00	42.66 1.14 0.00	58.39 1.51 0.00	60.72 1.64 0.00	40.03 1.18 0.00	36.09 0.92 0.00	29.11 0.77 0.00	33.33 0.75 0.00
NM_CENTRAL____DRP 24181	21.36 -0.09 0.00	20.57 -0.17 0.00	18.69 -0.19 0.00	17.73 -0.16 0.00	17.76 -0.17 0.00	20.40 -0.19 0.00	26.04 -0.18 0.00	27.07 -0.14 0.00	28.94 -0.18 0.00	27.07 -0.14 0.00	22.13 -0.14 0.00	21.87 -0.20 0.00	28.69 -0.25 -0.30	34.30 -0.33 0.00	29.65 -0.32 0.00	29.45 -0.34 0.00	45.92 -0.51 0.00	41.07 -0.45 0.00	56.24 -0.64 0.00	58.50 -0.62 -0.04	38.45 -0.40 0.00	34.84 -0.33 0.00	28.05 -0.29 0.00	32.28 -0.30 0.00
NM_FRONTIER____DRP 24179	21.28 -0.17 0.00	20.41 -0.33 0.00	18.55 -0.33 0.00	17.59 -0.31 0.00	17.51 -0.43 0.00	20.01 -0.57 0.00	25.66 -0.56 0.00	26.66 -0.56 0.00	28.45 -0.67 0.00	26.82 -0.39 0.00	21.85 -0.42 0.00	21.46 -0.60 0.00	27.76 -0.88 0.00	33.12 -1.51 0.00	28.41 -1.55 0.00	28.16 -1.63 0.00	43.95 -2.48 0.00	39.09 -2.43 0.00	53.71 -3.17 0.00	55.84 -3.24 0.00	36.78 -2.06 0.00	33.59 -1.58 0.00	27.34 -1.00 0.00	31.95 -0.63 0.00
NM_ST_REGIS____HYD 24053	21.30 -0.15 0.00	20.67 -0.07 0.00	18.82 -0.06 0.00	17.91 0.02 0.00	17.93 0.00 0.00	20.60 0.02 0.00	26.25 0.03 0.00	26.98 -0.23 0.00	28.81 -0.31 0.00	26.89 -0.32 0.00	21.91 -0.37 0.00	21.67 -0.40 0.00	28.02 -0.71 -0.09	34.05 -0.58 0.00	29.65 -0.32 0.00	29.32 -0.47 0.00	45.62 -0.81 0.00	40.89 -0.63 0.00	56.23 -0.65 0.00	58.53 -0.55 -0.01	38.56 -0.29 0.00	34.80 -0.37 0.00	28.20 -0.14 0.00	32.74 0.16 0.00
NORTHPORT____1 23551	35.83 1.70 -12.67	22.22 1.48 0.00	20.27 1.40 0.00	19.10 1.20 0.00	19.22 1.29 0.00	22.03 1.45 0.00	28.18 1.96 0.00	29.26 2.05 0.00	31.65 2.53 -0.01	29.47 2.05 -0.21	35.97 2.05 -11.65	24.16 2.10 0.00	31.21 2.58 0.00	43.43 3.19 -5.62	33.46 2.65 -0.84	39.91 2.77 -7.35	50.66 4.23 0.00	57.77 3.95 -12.30	63.59 4.87 -1.85	63.86 4.78 0.00	42.84 3.13 -0.87	37.85 2.68 0.00	30.57 2.23 0.00	34.94 2.37 0.00
NORTHPORT____2 23552	35.83 1.70 -12.67	22.22 1.48 0.00	20.27 1.40 0.00	19.10 1.20 0.00	19.22 1.29 0.00	22.03 1.45 0.00	28.18 1.96 0.00	29.26 2.05 0.00	31.65 2.53 -0.01	29.47 2.05 -0.21	35.97 2.05 -11.65	24.16 2.10 0.00	31.21 2.58 0.00	43.43 3.19 -5.62	33.46 2.65 -0.84	39.91 2.77 -7.35	50.66 4.23 0.00	57.77 3.95 -12.30	63.59 4.87 -1.85	63.86 4.78 0.00	42.84 3.13 -0.87	37.85 2.68 0.00	30.57 2.23 0.00	34.94 2.37 0.00
NORTHPORT____3 23553	35.87 1.74 -12.67	22.24 1.50 0.00	20.26 1.39 0.00	19.10 1.20 0.00	19.20 1.27 0.00	22.03 1.45 0.00	28.20 1.98 0.00	29.32 2.10 0.00	31.69 2.57 -0.01	29.49 2.07 -0.21	35.98 2.07 -11.65	24.12 2.05 0.00	31.17 2.54 0.00	43.35 3.11 -5.62	33.42 2.61 -0.84	39.89 2.76 -7.35	50.66 4.23 0.00	57.78 3.96 -12.30	63.60 4.88 -1.85	63.81 4.73 0.00	42.80 3.08 -0.87	37.81 2.63 0.00	30.51 2.17 0.00	34.89 2.31 0.00
NORTHPORT____4 23650	35.87 1.74 -12.67	22.24 1.50 0.00	20.26 1.39 0.00	19.10 1.20 0.00	19.20 1.27 0.00	22.03 1.45 0.00	28.20 1.98 0.00	29.32 2.10 0.00	31.69 2.57 -0.01	29.49 2.07 -0.21	35.98 2.07 -11.65	24.12 2.05 0.00	31.17 2.54 0.00	43.35 3.11 -5.62	33.42 2.61 -0.84	39.89 2.76 -7.35	50.66 4.23 0.00	57.78 3.96 -12.30	63.60 4.88 -1.85	63.81 4.73 0.00	42.80 3.08 -0.87	37.81 2.63 0.00	30.51 2.17 0.00	34.89 2.31 0.00
NORTHPORT____IC 23718	35.83 1.70 -12.67	22.22 1.48 0.00	20.27 1.40 0.00	19.10 1.20 0.00	19.22 1.29 0.00	22.03 1.45 0.00	28.18 1.96 0.00	29.26 2.05 0.00	31.65 2.53 -0.01	29.47 2.05 -0.21	35.97 2.05 -11.65	24.16 2.10 0.00	31.21 2.58 0.00	43.43 3.19 -5.62	33.46 2.65 -0.84	39.91 2.77 -7.35	50.66 4.23 0.00	57.77 3.95 -12.30	63.59 4.87 -1.85	63.86 4.78 0.00	42.84 3.13 -0.87	37.85 2.68 0.00	30.57 2.23 0.00	34.94 2.37 0.00

NORTH__COUNTRY_ESR 323785	21.11 -0.34 0.00	20.51 -0.23 0.00	18.82 -0.06 0.00	17.89 -0.01 0.00	17.95 0.01 0.00	20.59 0.01 0.00	26.33 0.11 0.00	27.32 0.10 0.00	29.50 0.38 0.00	27.56 0.35 0.00	22.41 0.14 0.00	22.03 -0.03 0.00	28.38 -0.26 0.00	34.57 -0.06 0.00	30.01 0.04 0.00	29.81 0.03 0.00	46.11 -0.32 0.00	41.44 -0.08 0.00	57.30 0.42 0.00	59.78 0.70 0.00	39.21 0.36 0.00	35.28 0.11 0.00	28.45 0.11 0.00	33.10 0.53 0.00
NPX_GEN_1385_PROXY 323591	35.52 1.39 -12.67	22.23 1.49 0.00	20.41 1.53 0.00	19.22 1.32 0.00	19.44 1.51 0.00	22.29 1.71 0.00	28.56 2.34 0.00	29.40 2.19 0.00	31.66 2.53 -0.01	29.59 2.17 -0.21	35.97 2.05 -11.65	24.28 2.22 0.00	30.94 2.31 0.00	43.35 3.11 -5.62	33.36 2.55 -0.84	39.53 2.40 -7.35	49.48 3.05 0.00	56.85 3.03 -12.30	62.18 3.46 -1.85	63.45 4.37 0.00	42.91 3.20 -0.87	37.69 2.52 0.00	30.71 2.37 0.00	35.00 2.43 0.00
NPX_GEN_CSC 323557	36.38 2.25 -12.68	22.69 1.95 0.00	20.76 1.88 0.00	19.49 1.60 0.00	19.63 1.70 0.00	22.47 1.88 0.00	28.46 2.24 0.00	29.39 2.17 0.00	32.08 2.95 -0.01	29.67 2.26 -0.21	35.92 2.00 -11.65	24.15 2.08 0.00	31.27 2.64 0.00	43.57 3.33 -5.62	33.58 2.77 -0.84	40.15 3.01 -7.35	51.15 4.73 0.00	58.34 4.52 -12.30	64.39 5.67 -1.85	64.51 5.43 0.00	43.15 3.43 -0.87	38.08 2.91 0.00	30.72 2.38 0.00	35.08 2.50 0.00
NSINS_S_GLNS_FALLS 23858	22.44 0.98 0.00	21.65 0.91 0.00	19.69 0.81 0.00	18.61 0.72 0.00	18.67 0.74 0.00	21.55 0.96 0.00	27.50 1.28 0.00	28.34 1.12 0.00	30.31 1.19 0.00	28.32 1.11 0.00	23.74 0.71 -0.76	22.97 0.91 0.00	29.99 1.36 0.00	36.20 1.57 0.00	31.19 1.22 0.00	30.96 1.18 0.00	48.31 1.88 0.00	43.37 1.85 0.00	60.13 3.25 0.00	62.76 3.68 0.00	41.41 2.56 0.00	37.18 2.01 0.00	29.84 1.51 0.00	34.16 1.58 0.00
NUCOR_STEEL__DRP 24197	21.67 0.21 0.00	20.90 0.16 0.00	19.04 0.16 0.00	17.98 0.08 0.00	18.06 0.12 0.00	20.71 0.12 0.00	26.50 0.28 0.00	27.57 0.36 0.00	29.49 0.37 0.00	27.52 0.31 0.00	22.52 0.24 0.00	22.28 0.22 0.00	29.48 0.30 -0.55	35.01 0.39 0.00	30.13 0.16 0.00	30.01 0.23 0.00	46.83 0.40 0.00	41.79 0.27 0.00	57.16 0.29 0.00	59.52 0.38 -0.06	39.11 0.26 0.00	35.57 0.40 0.00	28.65 0.30 0.00	32.94 0.36 0.00
NUMBER_THREE_WT_PWR 323818	21.31 -0.14 0.00	20.48 -0.26 0.00	18.38 -0.50 0.00	17.59 -0.31 0.00	17.73 -0.20 0.00	20.53 -0.05 0.00	26.51 0.29 0.00	27.57 0.35 0.00	29.48 0.36 0.00	27.58 0.37 0.00	22.45 0.17 0.00	22.20 0.14 0.00	28.94 0.08 -0.23	34.86 0.23 0.00	30.21 0.24 0.00	29.93 0.14 0.00	46.44 0.01 0.00	41.44 -0.07 0.00	57.23 0.35 0.00	60.23 1.13 -0.03	39.81 0.96 0.00	36.10 0.92 0.00	29.05 0.71 0.00	33.39 0.81 0.00
NYISO_LBMP_REFERENCE 24008	21.45 0.00 0.00	20.74 0.00 0.00	18.88 0.00 0.00	17.90 0.00 0.00	17.93 0.00 0.00	20.58 0.00 0.00	26.22 0.00 0.00	27.21 0.00 0.00	29.12 0.00 0.00	27.21 0.00 0.00	22.27 0.00 0.00	22.06 0.00 0.00	28.64 0.00 0.00	34.63 0.00 0.00	29.97 0.00 0.00	29.79 0.00 0.00	46.43 0.00 0.00	41.52 0.00 0.00	56.88 0.00 0.00	59.08 0.00 0.00	38.85 0.00 0.00	35.17 0.00 0.00	28.34 0.00 0.00	32.58 0.00 0.00
NYPA_BRENTWD__GT 24164	36.15 2.02 -12.67	22.49 1.75 0.00	20.52 1.64 0.00	19.32 1.42 0.00	19.44 1.50 0.00	22.29 1.70 0.00	28.51 2.28 0.00	29.63 2.42 0.00	32.11 2.98 -0.01	29.89 2.48 -0.21	36.28 2.36 -11.65	24.47 2.41 0.00	31.68 3.04 0.00	44.00 3.75 -5.62	33.80 2.99 -0.84	40.26 3.13 -7.35	51.16 4.74 0.00	58.23 4.42 -12.30	64.26 5.54 -1.85	64.43 5.35 0.00	43.20 3.48 -0.87	38.27 3.10 0.00	30.87 2.53 0.00	35.43 2.85 0.00
NYPA_GOWANUS__GT5 24156	22.81 1.36 0.00	21.87 1.13 0.00	19.88 1.00 0.00	18.80 0.91 0.00	18.84 0.90 0.00	21.66 1.07 0.00	27.78 1.56 0.00	28.96 1.75 0.00	31.09 1.97 0.00	29.15 1.94 0.00	27.53 1.77 -3.49	23.95 1.89 0.01	31.08 2.45 0.01	37.43 2.80 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.27 3.84 0.00	44.98 3.47 0.00	61.10 4.22 0.00	63.07 4.00 0.00	41.43 2.58 0.00	37.52 2.35 0.00	30.25 1.91 0.00	34.46 1.88 0.00
NYPA_GOWANUS__GT6 24157	22.81 1.36 0.00	21.87 1.13 0.00	19.88 1.00 0.00	18.80 0.91 0.00	18.84 0.90 0.00	21.66 1.07 0.00	27.78 1.56 0.00	28.96 1.75 0.00	31.09 1.97 0.00	29.15 1.94 0.00	27.53 1.77 -3.49	23.95 1.89 0.01	31.08 2.45 0.01	37.43 2.80 0.00	32.34 2.37 0.00	32.26 2.48 0.00	50.27 3.84 0.00	44.98 3.47 0.00	61.10 4.22 0.00	63.07 4.00 0.00	41.43 2.58 0.00	37.52 2.35 0.00	30.25 1.91 0.00	34.46 1.88 0.00
NYPA_HARLEM_RVR_GT1 24160	22.72 1.27 0.00	21.79 1.06 0.00	19.82 0.94 0.00	18.76 0.86 0.00	18.78 0.85 0.00	21.60 1.02 0.00	27.63 1.41 0.00	28.83 1.62 0.00	31.00 1.88 0.00	29.00 1.79 0.00	27.40 1.64 -3.49	23.80 1.73 0.00	30.90 2.26 0.00	37.14 2.51 0.00	32.10 2.13 0.00	32.03 2.25 0.00	49.97 3.54 0.00	44.77 3.26 0.00	60.82 3.95 0.00	62.88 3.81 0.00	41.26 2.41 0.00	37.32 2.15 0.00	30.04 1.70 0.00	34.27 1.69 0.00
NYPA_HARLEM_RVR_GT2 24161	22.72 1.27 0.00	21.79 1.06 0.00	19.82 0.94 0.00	18.76 0.86 0.00	18.78 0.85 0.00	21.60 1.02 0.00	27.63 1.41 0.00	28.83 1.62 0.00	31.00 1.88 0.00	29.00 1.79 0.00	27.40 1.64 -3.49	23.80 1.73 0.00	30.90 2.26 0.00	37.14 2.51 0.00	32.10 2.13 0.00	32.03 2.25 0.00	49.97 3.54 0.00	44.77 3.26 0.00	60.82 3.95 0.00	62.88 3.81 0.00	41.26 2.41 0.00	37.32 2.15 0.00	30.04 1.70 0.00	34.27 1.69 0.00
NYPA_KENT__GT 24152	22.80 1.34 0.00	21.86 1.12 0.00	19.87 0.99 0.00	18.79 0.90 0.00	18.83 0.89 0.00	21.65 1.07 0.00	27.77 1.56 0.00	28.97 1.75 0.00	31.11 1.99 0.00	29.16 1.95 0.00	27.55 1.79 -3.49	23.96 1.90 0.00	31.10 2.46 0.00	37.40 2.77 0.00	32.30 2.33 0.00	32.22 2.43 0.00	50.21 3.79 0.00	44.93 3.41 0.00	61.03 4.15 0.00	62.99 3.91 0.00	41.37 2.52 0.00	37.49 2.32 0.00	30.22 1.88 0.00	34.44 1.87 0.00
NYPA_POUCH1__GT 24155	22.77 1.32 0.00	21.83 1.10 0.00	19.84 0.97 0.00	18.77 0.87 0.00	18.81 0.88 0.00	21.63 1.04 0.00	27.73 1.50 0.00	28.89 1.68 0.00	30.96 1.86 0.03	29.06 1.86 0.00	27.47 1.71 -3.49	23.89 1.83 0.00	30.94 2.36 0.06	36.96 2.68 0.35	32.12 2.24 0.09	32.12 2.34 0.01	50.07 3.65 0.01	44.83 3.32 0.00	60.91 4.04 0.00	62.89 3.81 0.00	41.29 2.45 0.01	37.42 2.24 0.00	30.20 1.86 0.00	34.36 1.78 0.00
NYPA_VERNON__GT2 24162	22.77 1.31 0.00	21.83 1.10 0.00	19.85 0.97 0.00	18.77 0.88 0.00	18.81 0.88 0.00	21.63 1.05 0.00	27.75 1.53 0.00	28.95 1.74 0.00	31.12 2.00 0.00	29.15 1.94 0.00	27.55 1.78 -3.49	23.95 1.89 0.00	31.08 2.45 0.00	37.37 2.74 0.00	32.30 2.33 0.00	32.20 2.42 0.00	50.19 3.76 0.00	44.91 3.39 0.00	61.00 4.13 0.00	62.95 3.87 0.00	41.34 2.49 0.00	37.44 2.27 0.00	30.16 1.82 0.00	34.40 1.83 0.00

NYPA_VERNON____GT3 24163	22.77 1.31 0.00	21.83 1.10 0.00	19.85 0.97 0.00	18.77 0.88 0.00	18.81 0.88 0.00	21.63 1.05 0.00	27.75 1.53 0.00	28.95 1.74 0.00	31.12 2.00 0.00	29.15 1.94 0.00	27.55 1.78 -3.49	23.95 1.89 0.00	31.08 2.45 0.00	37.37 2.74 0.00	32.30 2.33 0.00	32.20 2.42 0.00	50.19 3.76 0.00	44.91 3.39 0.00	61.00 4.13 0.00	62.95 3.87 0.00	41.34 2.49 0.00	37.44 2.27 0.00	30.16 1.82 0.00	34.40 1.83 0.00
NYPA____ASTORIA_CC1 323568	22.73 1.27 0.00	21.80 1.06 0.00	19.81 0.93 0.00	18.74 0.85 0.00	18.78 0.84 0.00	21.60 1.01 0.00	27.69 1.47 0.00	28.89 1.67 0.00	31.05 1.93 0.00	29.08 1.87 0.00	27.49 1.73 -3.49	23.90 1.83 0.00	31.00 2.37 0.00	37.28 2.65 0.00	32.22 2.25 0.00	32.13 2.35 0.00	50.05 3.63 0.00	44.79 3.27 0.00	60.84 3.96 0.00	62.81 3.73 0.00	41.26 2.42 0.00	37.37 2.20 0.00	30.10 1.76 0.00	34.33 1.76 0.00
NYPA____ASTORIA_CC2 323569	22.73 1.27 0.00	21.80 1.06 0.00	19.81 0.93 0.00	18.74 0.85 0.00	18.78 0.84 0.00	21.60 1.01 0.00	27.69 1.47 0.00	28.89 1.67 0.00	31.05 1.93 0.00	29.08 1.87 0.00	27.49 1.73 -3.49	23.90 1.83 0.00	31.00 2.37 0.00	37.28 2.65 0.00	32.22 2.25 0.00	32.13 2.35 0.00	50.05 3.63 0.00	44.79 3.27 0.00	60.84 3.96 0.00	62.81 3.73 0.00	41.26 2.42 0.00	37.37 2.20 0.00	30.10 1.76 0.00	34.33 1.76 0.00
NYPA____HOLTSVILL 23794	36.12 1.99 -12.68	22.45 1.71 0.00	20.51 1.63 0.00	19.29 1.39 0.00	19.41 1.48 0.00	22.25 1.66 0.00	28.38 2.16 0.00	29.46 2.24 0.00	31.96 2.84 -0.01	29.70 2.29 -0.21	36.04 2.12 -11.65	24.24 2.17 0.00	31.39 2.75 0.00	43.65 3.41 -5.62	33.63 2.82 -0.84	40.15 3.01 -7.35	51.10 4.67 0.00	58.22 4.40 -12.30	64.21 5.49 -1.85	64.38 5.30 0.00	43.11 3.40 -0.87	38.09 2.92 0.00	30.77 2.43 0.00	35.19 2.61 0.00
NYPA____HELLGATE_GT1 24158	22.72 1.27 0.00	21.79 1.06 0.00	19.82 0.94 0.00	18.76 0.86 0.00	18.78 0.85 0.00	21.60 1.02 0.00	27.63 1.41 0.00	28.83 1.62 0.00	31.00 1.88 0.00	29.00 1.79 0.00	27.40 1.64 -3.49	23.80 1.73 0.00	30.90 2.26 0.00	37.14 2.51 0.00	32.10 2.13 0.00	32.03 2.25 0.00	49.97 3.54 0.00	44.77 3.26 0.00	60.82 3.95 0.00	62.88 3.81 0.00	41.26 2.41 0.00	37.32 2.15 0.00	30.04 1.70 0.00	34.27 1.70 0.00
NYPA____HELLGATE_GT2 24159	22.72 1.27 0.00	21.79 1.06 0.00	19.82 0.94 0.00	18.76 0.86 0.00	18.78 0.85 0.00	21.60 1.02 0.00	27.63 1.41 0.00	28.83 1.62 0.00	31.00 1.88 0.00	29.00 1.79 0.00	27.40 1.64 -3.49	23.80 1.73 0.00	30.90 2.26 0.00	37.14 2.51 0.00	32.10 2.13 0.00	32.03 2.25 0.00	49.97 3.54 0.00	44.77 3.26 0.00	60.82 3.95 0.00	62.88 3.81 0.00	41.26 2.41 0.00	37.32 2.15 0.00	30.04 1.70 0.00	34.27 1.70 0.00
NYS_BARGE____HYD 23848	21.61 0.16 0.00	20.69 -0.05 0.00	18.76 -0.12 0.00	17.81 -0.09 0.00	17.73 -0.20 0.00	20.30 -0.28 0.00	26.07 -0.15 0.00	27.10 -0.12 0.00	28.94 -0.18 0.00	27.30 0.09 0.00	22.23 -0.04 0.00	21.83 -0.23 0.00	28.27 -0.37 0.00	33.74 -0.89 0.00	29.11 -0.86 0.00	28.84 -0.94 0.00	45.33 -1.10 0.00	40.17 -1.35 0.00	55.17 -1.71 0.00	57.41 -1.67 0.00	37.79 -1.06 0.00	34.49 -0.68 0.00	28.00 -0.34 0.00	32.67 0.09 0.00
OAK ORCHARD____HYD 24046	21.71 0.26 0.00	20.85 0.11 0.00	18.93 0.05 0.00	17.95 0.05 0.00	17.92 -0.02 0.00	20.55 -0.04 0.00	26.30 0.08 0.00	27.37 0.16 0.00	29.27 0.15 0.00	27.52 0.31 0.00	22.48 0.20 0.00	22.14 0.08 0.00	28.70 0.07 0.00	34.47 -0.16 0.00	29.77 -0.19 0.00	29.55 -0.23 0.00	46.11 -0.31 0.00	41.26 -0.26 0.00	56.64 -0.24 0.00	58.91 -0.16 0.00	38.74 -0.11 0.00	35.19 0.02 0.00	28.40 0.06 0.00	32.87 0.29 0.00
OAKDALE____35_KV_LOAD 356122	21.67 0.21 0.00	20.80 0.06 0.00	18.89 0.01 0.00	17.94 0.04 0.00	17.97 0.04 0.00	20.63 0.04 0.00	26.39 0.17 0.00	27.51 0.30 0.00	29.39 0.27 0.00	27.55 0.34 0.00	22.51 0.23 0.00	22.23 0.16 0.00	29.10 0.26 -0.21	34.87 0.24 0.00	30.18 0.21 0.00	29.99 0.20 0.00	46.88 0.45 0.00	41.83 0.31 0.00	57.15 0.27 0.00	59.42 0.32 -0.02	39.03 0.19 0.00	35.46 0.29 0.00	28.55 0.21 0.00	32.90 0.32 0.00
OCC_CHEM____DRP 24175	21.33 -0.13 0.00	20.45 -0.29 0.00	18.58 -0.29 0.00	17.62 -0.27 0.00	17.54 -0.39 0.00	20.06 -0.53 0.00	25.72 -0.50 0.00	26.71 -0.50 0.00	28.52 -0.60 0.00	26.89 -0.32 0.00	21.89 -0.38 0.00	21.51 -0.55 0.00	27.83 -0.81 0.00	33.21 -1.42 0.00	28.49 -1.47 0.00	28.23 -1.55 0.00	44.09 -2.34 0.00	39.22 -2.30 0.00	53.87 -3.01 0.00	56.01 -3.07 0.00	36.90 -1.95 0.00	33.68 -1.49 0.00	27.42 -0.92 0.00	32.03 -0.55 0.00
OH_GEN_PROXY 24063	21.40 -0.06 0.00	20.51 -0.23 0.00	18.60 -0.27 0.00	17.67 -0.23 0.00	17.59 -0.34 0.00	20.13 -0.46 0.00	25.81 -0.41 0.00	26.85 -0.36 0.00	28.69 -0.44 0.00	27.05 -0.16 0.00	22.01 -0.26 0.00	21.61 -0.45 0.00	27.97 -0.66 0.00	33.42 -1.21 0.00	28.81 -1.16 0.00	28.57 -1.22 0.00	44.69 -1.74 0.00	39.76 -1.76 0.00	54.60 -2.28 0.00	56.78 -2.30 0.00	37.39 -1.45 0.00	34.10 -1.07 0.00	27.68 -0.66 0.00	32.31 -0.27 0.00
OLIN_CORP_DRP 24177	21.30 -0.16 0.00	20.41 -0.33 0.00	18.55 -0.33 0.00	17.59 -0.31 0.00	17.51 -0.42 0.00	20.02 -0.56 0.00	25.70 -0.53 0.00	26.68 -0.53 0.00	28.48 -0.64 0.00	26.87 -0.34 0.00	21.87 -0.40 0.00	21.48 -0.58 0.00	27.80 -0.84 0.00	33.16 -1.47 0.00	28.61 -1.36 0.00	28.38 -1.40 0.00	44.37 -2.06 0.00	39.43 -2.09 0.00	54.16 -2.72 0.00	56.34 -2.74 0.00	37.11 -1.74 0.00	33.88 -1.29 0.00	27.55 -0.79 0.00	32.18 -0.40 0.00
OLIN_CORP_DSASP 323712	21.34 -0.11 0.00	20.45 -0.29 0.00	18.55 -0.33 0.00	17.62 -0.28 0.00	17.53 -0.41 0.00	20.06 -0.53 0.00	25.72 -0.50 0.00	26.72 -0.50 0.00	28.52 -0.60 0.00	26.89 -0.32 0.00	21.90 -0.37 0.00	21.52 -0.55 0.00	27.83 -0.80 0.00	33.20 -1.43 0.00	28.49 -1.47 0.00	28.22 -1.57 0.00	44.09 -2.34 0.00	39.21 -2.30 0.00	53.87 -3.01 0.00	56.01 -3.07 0.00	36.90 -1.95 0.00	33.68 -1.49 0.00	27.42 -0.92 0.00	32.03 -0.55 0.00
ONEIDA_HERK_LFGE 323681	21.68 0.23 0.00	20.87 0.13 0.00	18.86 -0.02 0.00	17.96 0.06 0.00	18.04 0.11 0.00	20.81 0.23 0.00	26.71 0.48 0.00	27.79 0.57 0.00	29.71 0.59 0.00	27.79 0.58 0.00	22.69 0.42 0.00	22.46 0.40 0.00	29.22 0.46 -0.12	35.21 0.58 0.00	30.48 0.51 0.00	30.28 0.49 0.00	47.17 0.74 0.00	42.16 0.64 0.00	57.97 1.09 0.00	60.61 1.52 -0.01	39.97 1.12 0.00	36.20 1.03 0.00	29.11 0.77 0.00	33.42 0.84 0.00
ONEIDA____115KV_TB4 55905	21.93 0.47 0.00	21.11 0.37 0.00	19.13 0.25 0.00	18.18 0.28 0.00	18.22 0.28 0.00	20.97 0.39 0.00	26.85 0.63 0.00	27.93 0.72 0.00	29.87 0.74 0.00	27.88 0.67 0.00	22.83 0.55 0.00	22.61 0.55 0.00	29.47 0.66 -0.17	35.41 0.78 0.00	30.62 0.65 0.00	30.44 0.65 0.00	47.51 1.08 0.00	42.47 0.95 0.00	58.30 1.42 0.00	60.79 1.69 -0.02	40.06 1.22 0.00	36.28 1.11 0.00	29.16 0.82 0.00	33.47 0.89 0.00

ONONDAGA_REF_OCCRA 23987	21.49 0.03 0.00	20.68 -0.06 0.00	18.79 -0.09 0.00	17.83 -0.07 0.00	17.86 -0.08 0.00	20.52 -0.07 0.00	26.20 -0.02 0.00	27.25 0.03 0.00	29.11 -0.01 0.00	27.23 0.02 0.00	22.27 0.00 0.00	22.01 -0.05 0.00	28.96 -0.05 -0.37	34.56 -0.07 0.00	29.86 -0.10 0.00	29.66 -0.13 0.00	46.27 -0.16 0.00	41.38 -0.13 0.00	56.66 -0.22 0.00	58.97 -0.15 -0.04	38.76 -0.09 0.00	35.12 -0.05 0.00	28.26 -0.08 0.00	32.51 -0.07 0.00
ONONDAGA___COGEN 23986	21.46 0.00 0.00	20.67 -0.07 0.00	18.79 -0.09 0.00	17.82 -0.08 0.00	17.85 -0.09 0.00	20.50 -0.09 0.00	26.17 -0.05 0.00	27.22 0.00 0.00	29.13 0.01 0.00	27.27 0.06 0.00	22.31 0.04 0.00	22.06 0.00 0.00	29.18 -0.03 -0.57	34.64 0.01 0.00	29.86 -0.10 0.00	29.65 -0.13 0.00	46.25 -0.18 0.00	41.39 -0.13 0.00	56.63 -0.24 0.00	58.95 -0.20 -0.07	38.73 -0.12 0.00	35.11 -0.07 0.00	28.26 -0.08 0.00	32.50 -0.08 0.00
ONTARIO___LFGE 23819	21.79 0.33 0.00	20.88 0.14 0.00	18.93 0.06 0.00	17.99 0.09 0.00	18.01 0.08 0.00	20.70 0.12 0.00	26.50 0.28 0.00	27.64 0.42 0.00	29.45 0.33 0.00	27.69 0.48 0.00	22.59 0.32 0.00	22.28 0.21 0.00	29.19 0.38 -0.18	34.86 0.23 0.00	30.20 0.23 0.00	29.94 0.15 0.00	46.81 0.38 0.00	41.82 0.30 0.00	57.39 0.52 0.00	59.82 0.73 -0.02	39.29 0.44 0.00	35.66 0.49 0.00	28.73 0.39 0.00	33.00 0.42 0.00
ORANGEVILLE_WT_PWR 323706	21.63 0.18 0.00	20.71 -0.03 0.00	18.78 -0.10 0.00	17.87 -0.03 0.00	17.83 -0.11 0.00	20.43 -0.16 0.00	26.15 -0.07 0.00	27.23 0.01 0.00	29.10 -0.02 0.00	27.43 0.22 0.00	22.19 -0.08 0.00	21.80 -0.26 0.00	28.31 -0.33 0.00	34.00 -0.63 0.00	29.35 -0.62 0.00	29.23 -0.55 0.00	45.99 -0.43 0.00	40.91 -0.61 0.00	56.14 -0.73 0.00	58.46 -0.61 0.00	38.44 -0.41 0.00	35.07 -0.10 0.00	28.36 0.02 0.00	32.98 0.40 0.00
ORANGEVILLE___ESR 323794	21.63 0.18 0.00	20.71 -0.03 0.00	18.78 -0.10 0.00	17.87 -0.03 0.00	17.83 -0.11 0.00	20.43 -0.16 0.00	26.15 -0.07 0.00	27.23 0.01 0.00	29.10 -0.02 0.00	27.43 0.22 0.00	22.19 -0.08 0.00	21.80 -0.26 0.00	28.31 -0.33 0.00	34.00 -0.63 0.00	29.35 -0.62 0.00	29.23 -0.55 0.00	45.99 -0.43 0.00	40.91 -0.61 0.00	56.14 -0.73 0.00	58.46 -0.61 0.00	38.44 -0.41 0.00	35.07 -0.10 0.00	28.36 0.02 0.00	32.98 0.40 0.00
OSWEGATCHIE___HYD 24044	21.28 -0.17 0.00	20.55 -0.19 0.00	18.57 -0.31 0.00	17.72 -0.17 0.00	17.81 -0.13 0.00	20.53 -0.06 0.00	26.30 0.08 0.00	27.15 -0.06 0.00	28.96 -0.16 0.00	27.06 -0.15 0.00	22.04 -0.23 0.00	21.82 -0.25 0.00	28.35 -0.48 -0.19	34.26 -0.37 0.00	29.76 -0.20 0.00	29.42 -0.36 0.00	45.76 -0.67 0.00	40.93 -0.58 0.00	56.35 -0.53 0.00	59.03 -0.07 -0.02	38.99 0.14 0.00	35.29 0.12 0.00	28.50 0.17 0.00	32.92 0.34 0.00
OSWEGO___5 23606	21.07 -0.38 0.00	20.32 -0.42 0.00	18.47 -0.41 0.00	17.52 -0.37 0.00	17.56 -0.38 0.00	20.15 -0.43 0.00	25.69 -0.53 0.00	26.67 -0.54 0.00	28.49 -0.63 0.00	26.64 -0.57 0.00	21.80 -0.48 0.00	21.56 -0.50 0.00	30.32 -0.66 -2.35	33.82 -0.81 0.00	29.24 -0.73 0.00	29.05 -0.74 0.00	45.29 -1.14 0.00	40.51 -1.01 0.00	55.48 -1.39 0.00	57.94 -1.42 -0.28	37.94 -0.90 0.00	34.40 -0.77 0.00	27.71 -0.63 0.00	31.89 -0.69 0.00
OSWEGO___6 23613	21.07 -0.38 0.00	20.32 -0.42 0.00	18.47 -0.41 0.00	17.52 -0.37 0.00	17.56 -0.38 0.00	20.15 -0.43 0.00	25.69 -0.53 0.00	26.67 -0.54 0.00	28.49 -0.63 0.00	26.64 -0.57 0.00	21.80 -0.48 0.00	21.56 -0.50 0.00	30.32 -0.66 -2.35	33.82 -0.81 0.00	29.24 -0.73 0.00	29.05 -0.74 0.00	45.29 -1.14 0.00	40.51 -1.01 0.00	55.48 -1.39 0.00	57.94 -1.42 -0.28	37.94 -0.90 0.00	34.40 -0.77 0.00	27.71 -0.63 0.00	31.89 -0.69 0.00
OUTOKUMPU-AB___DRP 24206	21.77 0.32 0.00	20.85 0.11 0.00	18.94 0.06 0.00	17.96 0.06 0.00	17.89 -0.05 0.00	20.47 -0.12 0.00	26.29 0.07 0.00	27.34 0.13 0.00	29.21 0.09 0.00	27.58 0.37 0.00	22.44 0.17 0.00	22.06 -0.01 0.00	28.57 -0.07 0.00	34.14 -0.49 0.00	29.39 -0.58 0.00	29.13 -0.65 0.00	45.62 -0.81 0.00	40.55 -0.97 0.00	55.67 -1.21 0.00	57.88 -1.20 0.00	38.08 -0.76 0.00	34.76 -0.41 0.00	28.21 -0.13 0.00	32.89 0.31 0.00
OXBOW____ 24026	21.63 0.17 0.00	20.71 -0.03 0.00	18.78 -0.10 0.00	17.83 -0.07 0.00	17.75 -0.18 0.00	20.32 -0.27 0.00	26.08 -0.14 0.00	27.11 -0.10 0.00	28.96 -0.16 0.00	27.32 0.11 0.00	22.25 -0.03 0.00	21.86 -0.20 0.00	28.30 -0.33 0.00	33.79 -0.84 0.00	29.05 -0.92 0.00	28.78 -1.01 0.00	45.02 -1.41 0.00	40.04 -1.48 0.00	54.99 -1.88 0.00	57.18 -1.90 0.00	37.63 -1.22 0.00	34.35 -0.82 0.00	27.90 -0.44 0.00	32.57 -0.01 0.00
OXY_CHEM_DSASP 323612	21.33 -0.13 0.00	20.45 -0.29 0.00	18.58 -0.29 0.00	17.62 -0.27 0.00	17.54 -0.39 0.00	20.06 -0.53 0.00	25.72 -0.50 0.00	26.71 -0.50 0.00	28.52 -0.60 0.00	26.89 -0.32 0.00	21.89 -0.38 0.00	21.51 -0.55 0.00	27.83 -0.81 0.00	33.21 -1.42 0.00	28.49 -1.47 0.00	28.23 -1.55 0.00	44.09 -2.34 0.00	39.22 -2.30 0.00	53.87 -3.01 0.00	56.01 -3.07 0.00	36.90 -1.95 0.00	33.68 -1.49 0.00	27.42 -0.92 0.00	32.03 -0.55 0.00
OZONE_PARK_ESR 323760	22.97 1.51 0.00	22.02 1.28 0.00	20.00 1.13 0.00	18.92 1.03 0.00	18.96 1.02 0.00	21.79 1.20 0.00	27.97 1.75 0.00	29.19 1.97 0.00	31.38 2.25 0.00	29.40 2.20 0.00	27.75 1.98 -3.49	24.15 2.08 0.00	31.36 2.72 0.00	37.73 3.11 0.00	32.63 2.66 0.00	32.55 2.76 0.00	50.81 4.39 0.00	45.46 3.94 0.00	61.79 4.91 0.00	63.75 4.67 0.00	41.83 2.99 0.00	37.87 2.69 0.00	30.49 2.15 0.00	34.83 2.25 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.33 -0.13 0.00	20.45 -0.29 0.00	18.58 -0.29 0.00	17.62 -0.27 0.00	17.54 -0.39 0.00	20.06 -0.53 0.00	25.72 -0.50 0.00	26.71 -0.50 0.00	28.52 -0.60 0.00	26.89 -0.32 0.00	21.89 -0.38 0.00	21.51 -0.55 0.00	27.83 -0.81 0.00	33.21 -1.42 0.00	28.49 -1.47 0.00	28.23 -1.55 0.00	44.09 -2.34 0.00	39.22 -2.30 0.00	53.87 -3.01 0.00	56.01 -3.07 0.00	36.90 -1.95 0.00	33.68 -1.49 0.00	27.42 -0.92 0.00	32.03 -0.55 0.00
PACKARD___115KV_DUPONT_184 80571	21.33 -0.13 0.00	20.45 -0.29 0.00	18.58 -0.29 0.00	17.62 -0.27 0.00	17.54 -0.39 0.00	20.06 -0.53 0.00	25.72 -0.50 0.00	26.71 -0.50 0.00	28.52 -0.60 0.00	26.89 -0.32 0.00	21.89 -0.38 0.00	21.51 -0.55 0.00	27.83 -0.81 0.00	33.21 -1.42 0.00	28.49 -1.47 0.00	28.23 -1.55 0.00	44.09 -2.34 0.00	39.22 -2.30 0.00	53.87 -3.01 0.00	56.01 -3.07 0.00	36.90 -1.95 0.00	33.68 -1.49 0.00	27.42 -0.92 0.00	32.03 -0.55 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.73 1.28 0.00	21.81 1.07 0.00	19.83 0.95 0.00	18.77 0.87 0.00	18.78 0.85 0.00	21.62 1.03 0.00	27.67 1.45 0.00	28.86 1.64 0.00	31.02 1.90 0.00	29.00 1.79 0.00	27.40 1.64 -3.49	23.80 1.73 0.00	30.89 2.25 0.00	37.19 2.56 0.00	32.15 2.18 0.00	32.07 2.28 0.00	50.04 3.62 0.00	44.83 3.31 0.00	60.92 4.04 0.00	62.97 3.90 0.00	41.33 2.49 0.00	37.39 2.22 0.00	30.09 1.75 0.00	34.33 1.75 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.82 1.37 0.00	21.90 1.16 0.00	19.87 0.99 0.00	18.83 0.93 0.00	18.83 0.90 0.00	21.67 1.09 0.00	27.79 1.58 0.00	29.01 1.80 0.00	31.17 2.05 0.00	29.14 1.93 0.00	27.52 1.76 -3.49	23.88 1.82 0.00	31.02 2.38 0.00	37.33 2.70 0.00	32.30 2.33 0.00	32.20 2.41 0.00	50.37 3.95 0.00	45.12 3.60 0.00	61.34 4.47 0.00	63.44 4.37 0.00	41.61 2.77 0.00	37.63 2.46 0.00	30.26 1.92 0.00	34.52 1.94 0.00
PATROON__115KV_TB1 80586	21.98 0.53 0.00	21.25 0.52 0.00	19.37 0.49 0.00	18.34 0.45 0.00	18.38 0.45 0.00	21.11 0.53 0.00	26.93 0.71 0.00	27.92 0.70 0.00	29.89 0.77 0.00	27.89 0.68 0.00	23.65 0.59 -0.79	22.73 0.67 0.00	29.60 0.96 0.00	35.77 1.15 0.00	30.89 0.92 0.00	30.66 0.87 0.00	47.81 1.39 0.00	42.81 1.30 0.00	58.55 1.67 0.00	60.86 1.78 0.00	40.11 1.26 0.00	36.16 0.99 0.00	29.15 0.81 0.00	33.37 0.79 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.76 0.31 0.00	20.82 0.09 0.00	18.89 0.02 0.00	17.93 0.03 0.00	17.89 -0.04 0.00	20.49 -0.10 0.00	26.31 0.09 0.00	27.43 0.21 0.00	29.31 0.19 0.00	27.71 0.50 0.00	22.51 0.24 0.00	22.11 0.05 0.00	28.69 0.05 0.00	34.37 -0.25 0.00	29.65 -0.32 0.00	29.45 -0.33 0.00	46.14 -0.29 0.00	41.03 -0.49 0.00	56.27 -0.61 0.00	58.48 -0.60 0.00	38.43 -0.42 0.00	35.07 -0.10 0.00	28.37 0.03 0.00	33.06 0.48 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.79 1.33 0.00	21.88 1.14 0.00	19.88 1.00 0.00	18.81 0.91 0.00	18.85 0.92 0.00	21.68 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.18 2.06 0.00	29.10 1.89 0.00	25.26 1.69 -1.29	23.85 1.78 0.00	31.00 2.37 0.00	37.39 2.76 0.00	32.32 2.35 0.00	32.28 2.49 0.00	50.44 4.01 0.00	45.13 3.61 0.00	61.45 4.57 0.00	63.47 4.39 0.00	41.67 2.83 0.00	37.64 2.47 0.00	30.27 1.93 0.00	34.57 2.00 0.00
PEEKSKILL____ 23653	22.56 1.11 0.00	21.66 0.92 0.00	19.69 0.81 0.00	18.62 0.72 0.00	18.66 0.73 0.00	21.45 0.87 0.00	27.52 1.30 0.00	28.66 1.44 0.00	30.79 1.66 0.00	28.78 1.58 0.00	27.78 1.45 -4.06	23.61 1.55 0.00	30.68 2.04 0.00	36.97 2.34 0.00	31.95 1.98 0.00	31.87 2.09 0.00	49.77 3.34 0.00	44.56 3.04 0.00	60.63 3.75 0.00	62.58 3.50 0.00	41.08 2.23 0.00	37.12 1.95 0.00	29.89 1.55 0.00	34.18 1.61 0.00
PGE MADISON__WINDPWR 24146	22.96 1.51 0.00	22.04 1.30 0.00	19.94 1.06 0.00	18.90 1.01 0.00	18.93 1.00 0.00	21.88 1.30 0.00	28.05 1.83 0.00	29.29 2.08 0.00	31.32 2.20 0.00	29.07 1.87 0.00	23.66 1.39 0.00	23.34 1.28 0.00	30.77 1.91 -0.23	37.16 2.53 0.00	32.17 2.20 0.00	31.63 1.85 0.00	49.24 2.81 0.00	44.05 2.53 0.00	60.87 4.00 0.00	63.80 4.69 -0.03	41.99 3.15 0.00	38.08 2.90 0.00	30.49 2.15 0.00	35.04 2.47 0.00
PIERCEFIELD__HYD 23852	21.25 -0.20 0.00	20.61 -0.12 0.00	18.74 -0.14 0.00	17.84 -0.05 0.00	17.86 -0.08 0.00	20.52 -0.06 0.00	26.11 -0.11 0.00	26.77 -0.45 0.00	28.50 -0.61 0.00	26.59 -0.62 0.00	21.67 -0.60 0.00	21.48 -0.59 0.00	27.81 -0.92 -0.10	33.78 -0.85 0.00	29.43 -0.54 0.00	29.07 -0.72 0.00	45.30 -1.12 0.00	40.57 -0.95 0.00	55.70 -1.18 0.00	57.94 -1.15 -0.01	38.21 -0.64 0.00	34.52 -0.65 0.00	28.00 -0.34 0.00	32.50 -0.07 0.00
PINELAWN_CC_1 323563	35.99 1.86 -12.67	22.33 1.59 0.00	20.35 1.47 0.00	19.16 1.27 0.00	19.27 1.34 0.00	22.12 1.54 0.00	28.31 2.09 0.00	29.46 2.25 0.00	31.88 2.76 -0.01	29.70 2.29 -0.21	36.12 2.20 -11.65	24.28 2.22 0.00	31.48 2.84 0.00	43.74 3.50 -5.62	33.75 2.94 -0.84	40.28 3.14 -7.35	51.28 4.86 0.00	58.31 4.50 -12.30	64.38 5.65 -1.85	64.58 5.50 0.00	43.27 3.56 -0.87	38.26 3.08 0.00	30.84 2.49 0.00	35.22 2.64 0.00
PJM_GEN_HTP_PROXY 323702	22.94 1.22 -0.27	21.74 1.00 0.00	19.77 0.89 0.00	18.70 0.80 0.00	18.74 0.81 0.00	21.54 0.95 0.00	27.64 1.42 0.00	28.82 1.61 0.00	30.98 1.86 0.00	29.01 1.80 0.00	27.43 1.67 -3.49	23.83 1.77 0.00	30.95 2.31 0.00	37.24 2.61 0.00	32.39 2.22 -0.21	32.11 2.32 0.00	50.10 3.67 0.00	44.82 3.31 0.00	60.92 4.04 0.00	62.84 3.76 0.00	41.25 2.41 0.00	37.32 2.15 0.00	30.98 1.71 -0.93	35.65 1.76 -1.31
PJM_GEN_KEystone 24065	22.18 0.46 -0.27	20.99 0.25 0.00	19.03 0.15 0.00	18.05 0.15 0.00	18.07 0.14 0.00	20.76 0.18 0.00	26.66 0.44 0.00	27.80 0.59 0.00	29.73 0.64 0.03	27.95 0.74 0.00	17.86 0.62 5.03	22.62 0.56 0.00	29.40 0.76 0.00	35.35 0.73 0.00	30.74 0.57 -0.21	26.15 0.63 4.27	47.64 1.21 0.00	42.52 1.00 0.00	57.93 1.06 0.00	59.92 0.85 0.00	39.30 0.46 0.00	35.69 0.52 0.00	28.41 0.43 0.37	40.01 0.66 -6.78
PJM_GEN_NEPTUNE_PROXY 323594	35.91 1.52 -12.94	22.02 1.28 0.00	20.04 1.17 0.00	18.90 1.01 0.00	19.00 1.06 0.00	21.81 1.22 0.00	27.93 1.71 0.00	29.08 1.87 0.00	31.41 2.28 -0.01	29.33 1.91 -0.21	35.78 1.86 -11.65	23.95 1.89 0.00	31.05 2.41 0.00	43.16 2.92 -5.62	33.48 2.46 -1.05	39.71 2.58 -7.35	50.42 3.99 0.00	57.49 3.67 -12.30	63.25 4.53 -1.85	63.42 4.34 0.00	42.54 2.83 -0.87	37.65 2.47 0.00	31.28 2.01 -0.93	36.00 2.11 -1.31
PJM_GEN_VFT_PROXY 323633	22.84 1.12 -0.27	21.65 0.91 0.00	19.66 0.79 0.00	18.61 0.71 0.00	18.64 0.70 0.00	21.43 0.84 0.00	27.51 1.29 0.00	28.68 1.46 0.00	30.40 1.69 0.41	28.87 1.66 0.00	27.33 1.56 -3.49	23.75 1.69 0.00	30.81 2.18 0.00	37.05 2.42 0.00	32.22 2.05 -0.21	31.94 2.16 0.00	49.88 3.46 0.00	44.65 3.14 0.00	60.66 3.79 0.00	62.51 3.44 0.00	41.02 2.17 0.00	37.13 1.96 0.00	30.81 1.56 -0.91	35.48 1.60 -1.31
PLATSBRG_115KV_PMLD1 355749	21.42 -0.04 0.00	20.77 0.03 0.00	19.03 0.16 0.00	18.10 0.20 0.00	18.19 0.25 0.00	20.89 0.30 0.00	26.72 0.50 0.00	27.64 0.42 0.00	29.87 0.75 0.00	27.91 0.70 0.00	22.70 0.43 0.00	22.31 0.25 0.00	28.76 0.13 0.00	35.03 0.40 0.00	30.36 0.39 0.00	30.15 0.36 0.00	46.65 0.22 0.00	42.01 0.50 0.00	58.11 1.23 0.00	60.57 1.50 0.00	39.76 0.91 0.00	35.74 0.57 0.00	28.81 0.47 0.00	33.58 1.00 0.00
PLEASANTVLY__LBMP 24000	22.47 1.01 0.00	21.61 0.87 0.00	19.65 0.77 0.00	18.59 0.70 0.00	18.63 0.70 0.00	21.42 0.83 0.00	27.43 1.22 0.00	28.55 1.34 0.00	30.64 1.52 0.00	28.62 1.42 0.00	25.17 1.28 -1.62	23.42 1.36 0.00	30.43 1.79 0.00	36.69 2.06 0.00	31.70 1.73 0.00	31.59 1.80 0.00	49.30 2.87 0.00	44.13 2.61 0.00	60.14 3.26 0.00	62.21 3.13 0.00	40.88 2.04 0.00	36.95 1.78 0.00	29.76 1.42 0.00	34.03 1.46 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.64 1.19 0.00	21.74 1.00 0.00	19.74 0.86 0.00	18.69 0.79 0.00	18.73 0.79 0.00	21.53 0.95 0.00	27.62 1.40 0.00	28.76 1.55 0.00	30.91 1.79 0.00	28.91 1.70 0.00	26.56 1.56 -2.74	23.70 1.64 0.00	30.79 2.16 0.00	37.10 2.47 0.00	32.06 2.09 0.00	31.99 2.20 0.00	49.93 3.51 0.00	44.70 3.18 0.00	60.83 3.95 0.00	62.81 3.74 0.00	41.24 2.39 0.00	37.27 2.10 0.00	30.01 1.67 0.00	34.30 1.73 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.64 1.19 0.00	21.74 1.00 0.00	19.74 0.86 0.00	18.69 0.79 0.00	18.73 0.79 0.00	21.53 0.95 0.00	27.62 1.40 0.00	28.76 1.55 0.00	30.91 1.79 0.00	28.91 1.70 0.00	26.56 1.56 -2.74	23.70 1.64 0.00	30.79 2.16 0.00	37.10 2.47 0.00	32.06 2.09 0.00	31.99 2.20 0.00	49.93 3.51 0.00	44.70 3.18 0.00	60.83 3.95 0.00	62.81 3.74 0.00	41.24 2.39 0.00	37.27 2.10 0.00	30.01 1.67 0.00	34.30 1.73 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.65 1.20 0.00	21.76 1.02 0.00	19.78 0.90 0.00	18.71 0.81 0.00	18.76 0.82 0.00	21.57 0.98 0.00	27.64 1.42 0.00	28.79 1.57 0.00	30.90 1.78 0.00	28.85 1.64 0.00	24.55 1.46 -0.82	23.60 1.54 0.00	30.69 2.05 0.00	37.03 2.40 0.00	31.99 2.02 0.00	31.94 2.15 0.00	49.95 3.52 0.00	44.67 3.15 0.00	60.88 4.01 0.00	62.94 3.87 0.00	41.36 2.51 0.00	37.37 2.20 0.00	30.06 1.72 0.00	34.34 1.77 0.00
POLETTI____ 23519	22.65 1.20 0.00	21.72 0.99 0.00	19.75 0.87 0.00	18.70 0.80 0.00	18.73 0.80 0.00	21.51 0.93 0.00	27.61 1.39 0.00	28.80 1.58 0.00	30.96 1.84 0.00	28.99 1.78 0.00	27.41 1.65 -3.49	23.82 1.76 0.00	30.93 2.29 0.00	37.20 2.57 0.00	32.15 2.18 0.00	32.07 2.28 0.00	50.05 3.63 0.00	44.79 3.27 0.00	60.88 4.00 0.00	62.79 3.71 0.00	41.21 2.36 0.00	37.29 2.12 0.00	30.04 1.70 0.00	34.30 1.72 0.00
POMONA____ESR 323819	22.56 1.10 0.00	21.64 0.91 0.00	19.65 0.78 0.00	18.60 0.70 0.00	18.64 0.70 0.00	21.42 0.84 0.00	27.49 1.27 0.00	28.64 1.43 0.00	30.76 1.64 0.00	28.77 1.56 0.00	19.03 1.45 4.68	23.61 1.55 0.00	30.70 2.06 0.00	37.01 2.38 0.00	31.99 2.02 0.00	31.93 2.14 0.00	49.90 3.48 0.00	44.67 3.15 0.00	60.75 3.88 0.00	62.66 3.58 0.00	41.09 2.24 0.00	37.13 1.95 0.00	29.87 1.53 0.00	34.19 1.61 0.00
PORT_JEFF_3 23555	36.18 2.05 -12.68	22.51 1.77 0.00	20.56 1.68 0.00	19.34 1.44 0.00	19.46 1.53 0.00	22.30 1.72 0.00	28.44 2.22 0.00	29.53 2.31 0.00	32.05 2.93 -0.01	29.79 2.38 -0.21	36.13 2.21 -11.65	24.33 2.26 0.00	31.50 2.87 0.00	43.79 3.54 -5.62	33.71 2.90 -0.84	40.24 3.10 -7.35	51.25 4.83 0.00	58.37 4.55 -12.30	64.43 5.71 -1.85	64.56 5.48 0.00	43.23 3.51 -0.87	38.19 3.02 0.00	30.88 2.54 0.00	35.30 2.72 0.00
PORT_JEFF_4 23616	36.18 2.05 -12.68	22.51 1.77 0.00	20.56 1.68 0.00	19.34 1.44 0.00	19.46 1.53 0.00	22.30 1.72 0.00	28.44 2.22 0.00	29.53 2.31 0.00	32.05 2.93 -0.01	29.79 2.38 -0.21	36.13 2.21 -11.65	24.33 2.26 0.00	31.50 2.87 0.00	43.79 3.54 -5.62	33.71 2.90 -0.84	40.24 3.10 -7.35	51.25 4.83 0.00	58.37 4.55 -12.30	64.43 5.71 -1.85	64.56 5.48 0.00	43.23 3.51 -0.87	38.19 3.02 0.00	30.88 2.54 0.00	35.30 2.72 0.00
PORT_JEFF_IC 23713	36.22 2.09 -12.68	22.55 1.81 0.00	20.60 1.72 0.00	19.36 1.46 0.00	19.49 1.56 0.00	22.34 1.75 0.00	28.49 2.27 0.00	29.56 2.35 0.00	32.10 2.97 -0.01	29.84 2.42 -0.21	36.16 2.24 -11.65	24.36 2.30 0.00	31.55 2.92 0.00	43.84 3.60 -5.62	33.66 2.85 -0.84	40.20 3.06 -7.35	51.21 4.78 0.00	58.33 4.52 -12.30	64.37 5.65 -1.85	64.50 5.42 0.00	43.17 3.45 -0.87	38.15 2.98 0.00	30.94 2.60 0.00	35.35 2.77 0.00
PPL PILGRIM_ST_GT1 24216	36.15 2.02 -12.67	22.49 1.75 0.00	20.52 1.64 0.00	19.32 1.42 0.00	19.44 1.50 0.00	22.29 1.70 0.00	28.51 2.28 0.00	29.63 2.42 0.00	32.11 2.98 -0.01	29.89 2.48 -0.21	36.28 2.36 -11.65	24.47 2.41 0.00	31.68 3.04 0.00	44.00 3.75 -5.62	33.80 2.99 -0.84	40.26 3.13 -7.35	51.16 4.74 0.00	58.23 4.42 -12.30	64.26 5.54 -1.85	64.43 5.35 0.00	43.20 3.48 -0.87	38.27 3.10 0.00	30.87 2.53 0.00	35.43 2.85 0.00
PPL PILGRIM_ST_GT2 24217	36.15 2.02 -12.67	22.49 1.75 0.00	20.52 1.64 0.00	19.32 1.42 0.00	19.44 1.50 0.00	22.29 1.70 0.00	28.51 2.28 0.00	29.63 2.42 0.00	32.11 2.98 -0.01	29.89 2.48 -0.21	36.28 2.36 -11.65	24.47 2.41 0.00	31.68 3.04 0.00	44.00 3.75 -5.62	33.80 2.99 -0.84	40.26 3.13 -7.35	51.16 4.74 0.00	58.23 4.42 -12.30	64.26 5.54 -1.85	64.43 5.35 0.00	43.20 3.48 -0.87	38.27 3.10 0.00	30.87 2.53 0.00	35.43 2.85 0.00
PPL_SHRM_GT3 24213	36.38 2.25 -12.68	22.69 1.95 0.00	20.76 1.88 0.00	19.49 1.60 0.00	19.63 1.70 0.00	22.46 1.88 0.00	28.47 2.25 0.00	29.41 2.20 0.00	32.08 2.95 -0.01	29.68 2.26 -0.21	35.93 2.01 -11.65	24.15 2.08 0.00	31.25 2.61 0.00	43.59 3.35 -5.62	33.62 2.81 -0.84	40.18 3.05 -7.35	51.22 4.79 0.00	58.41 4.59 -12.30	64.49 5.77 -1.85	64.62 5.54 0.00	43.22 3.51 -0.87	38.14 2.97 0.00	30.75 2.41 0.00	35.10 2.52 0.00
PPL_SHRM_GT4 24214	36.38 2.25 -12.68	22.69 1.95 0.00	20.76 1.88 0.00	19.49 1.60 0.00	19.63 1.70 0.00	22.46 1.88 0.00	28.47 2.25 0.00	29.41 2.20 0.00	32.08 2.95 -0.01	29.68 2.26 -0.21	35.93 2.01 -11.65	24.15 2.08 0.00	31.25 2.61 0.00	43.59 3.35 -5.62	33.62 2.81 -0.84	40.18 3.05 -7.35	51.22 4.79 0.00	58.41 4.59 -12.30	64.49 5.77 -1.85	64.62 5.54 0.00	43.22 3.51 -0.87	38.14 2.97 0.00	30.75 2.41 0.00	35.10 2.52 0.00
PROJECT___ORANGE 1 24174	21.37 -0.08 0.00	20.59 -0.15 0.00	18.70 -0.17 0.00	17.75 -0.15 0.00	17.77 -0.16 0.00	20.42 -0.17 0.00	26.05 -0.17 0.00	27.09 -0.12 0.00	28.95 -0.17 0.00	27.08 -0.13 0.00	22.14 -0.13 0.00	21.88 -0.18 0.00	28.71 -0.22 -0.30	34.32 -0.31 0.00	29.67 -0.30 0.00	29.48 -0.31 0.00	45.97 -0.46 0.00	41.11 -0.40 0.00	56.29 -0.59 0.00	58.54 -0.58 -0.04	38.47 -0.37 0.00	34.86 -0.31 0.00	28.06 -0.28 0.00	32.29 -0.28 0.00
PROJECT___ORANGE 2 24166	21.37 -0.08 0.00	20.59 -0.15 0.00	18.70 -0.17 0.00	17.75 -0.15 0.00	17.77 -0.16 0.00	20.42 -0.17 0.00	26.05 -0.17 0.00	27.09 -0.12 0.00	28.95 -0.17 0.00	27.08 -0.13 0.00	22.14 -0.13 0.00	21.88 -0.18 0.00	28.71 -0.22 -0.30	34.32 -0.31 0.00	29.67 -0.30 0.00	29.48 -0.31 0.00	45.97 -0.46 0.00	41.11 -0.40 0.00	56.29 -0.59 0.00	58.54 -0.58 -0.04	38.47 -0.37 0.00	34.86 -0.31 0.00	28.06 -0.28 0.00	32.29 -0.28 0.00
PUCKETT___SOLAR 323809	21.98 0.52 0.00	21.10 0.36 0.00	19.14 0.26 0.00	18.17 0.28 0.00	18.21 0.28 0.00	20.93 0.34 0.00	26.80 0.58 0.00	27.94 0.73 0.00	29.79 0.67 0.00	27.79 0.58 0.00	22.66 0.39 0.00	22.34 0.28 0.00	29.32 0.48 -0.21	35.16 0.53 0.00	30.61 0.65 0.00	30.32 0.54 0.00	47.44 1.01 0.00	42.29 0.78 0.00	58.08 1.20 0.00	60.50 1.40 -0.02	39.78 0.93 0.00	36.12 0.95 0.00	29.04 0.70 0.00	33.42 0.84 0.00
PYRITES___HYD 24023	21.61 0.15 0.00	20.95 0.21 0.00	19.05 0.18 0.00	18.16 0.26 0.00	18.17 0.24 0.00	20.89 0.30 0.00	26.59 0.37 0.00	27.31 0.10 0.00	29.11 -0.02 0.00	27.16 -0.05 0.00	22.16 -0.11 0.00	21.94 -0.12 0.00	28.43 -0.30 -0.09	34.52 -0.11 0.00	30.04 0.08 0.00	29.74 -0.04 0.00	46.29 -0.14 0.00	41.37 -0.15 0.00	56.91 0.04 0.00	59.23 0.14 -0.01	39.03 0.18 0.00	35.29 0.12 0.00	28.53 0.19 0.00	33.02 0.44 0.00

QUAKERRD_115KV_BK1 80622	21.11 -0.34 0.00	20.29 -0.45 0.00	18.43 -0.45 0.00	17.47 -0.42 0.00	17.46 -0.47 0.00	20.04 -0.55 0.00	25.63 -0.59 0.00	26.67 -0.54 0.00	28.52 -0.60 0.00	26.79 -0.42 0.00	21.88 -0.39 0.00	21.58 -0.48 0.00	27.97 -0.66 0.00	33.64 -0.99 0.00	29.08 -0.89 0.00	28.88 -0.91 0.00	45.00 -1.43 0.00	40.30 -1.22 0.00	55.33 -1.54 0.00	57.52 -1.55 0.00	37.80 -1.04 0.00	34.30 -0.87 0.00	27.67 -0.67 0.00	31.98 -0.60 0.00
QUENSBRY_115KV_TB8 356137	22.44 0.99 0.00	21.66 0.92 0.00	19.68 0.80 0.00	18.61 0.71 0.00	18.67 0.73 0.00	21.56 0.98 0.00	27.52 1.30 0.00	28.33 1.11 0.00	30.31 1.19 0.00	28.32 1.12 0.00	23.74 0.71 -0.76	22.99 0.92 0.00	30.01 1.38 0.00	36.24 1.61 0.00	31.21 1.25 0.00	30.98 1.20 0.00	48.33 1.91 0.00	43.40 1.88 0.00	60.24 3.36 0.00	62.90 3.82 0.00	41.49 2.64 0.00	37.23 2.06 0.00	29.87 1.54 0.00	34.19 1.61 0.00
RAMAPO___LBMP 323565	22.45 1.00 0.00	21.55 0.81 0.00	19.57 0.70 0.00	18.52 0.62 0.00	18.56 0.62 0.00	21.34 0.76 0.00	27.39 1.16 0.00	28.52 1.30 0.00	30.63 1.51 0.00	28.63 1.43 0.00	19.10 1.32 4.49	23.48 1.42 0.00	30.53 1.89 0.00	36.80 2.17 0.00	31.80 1.83 0.00	31.72 1.94 0.00	49.58 3.15 0.00	44.40 2.88 0.00	60.39 3.51 0.00	62.30 3.22 0.00	40.86 2.01 0.00	36.93 1.76 0.00	29.72 1.38 0.00	34.03 1.45 0.00
RANKINE____ 23646	21.78 0.33 0.00	20.86 0.12 0.00	18.93 0.05 0.00	17.96 0.06 0.00	17.91 -0.03 0.00	20.50 -0.09 0.00	26.31 0.09 0.00	27.42 0.21 0.00	29.28 0.17 0.00	27.66 0.46 0.00	22.48 0.21 0.00	22.09 0.03 0.00	28.64 0.01 0.00	34.29 -0.34 0.00	29.58 -0.39 0.00	29.36 -0.42 0.00	45.99 -0.43 0.00	40.93 -0.59 0.00	56.15 -0.73 0.00	58.38 -0.70 0.00	38.39 -0.46 0.00	35.04 -0.14 0.00	28.37 0.02 0.00	33.06 0.48 0.00
RAVENSWOOD_GT2_1 24244	22.71 1.26 0.00	21.78 1.04 0.00	19.79 0.92 0.00	18.73 0.83 0.00	18.77 0.83 0.00	21.57 0.99 0.00	27.68 1.46 0.00	28.86 1.65 0.00	31.02 1.90 0.00	29.05 1.84 0.00	27.46 1.69 -3.49	23.86 1.79 0.00	30.97 2.34 0.00	37.26 2.64 0.00	32.20 2.24 0.00	32.12 2.33 0.00	50.13 3.70 0.00	44.86 3.34 0.00	60.97 4.09 0.00	62.92 3.84 0.00	41.30 2.45 0.00	37.36 2.19 0.00	30.10 1.76 0.00	34.38 1.80 0.00
RAVENSWOOD_GT2_2 24245	22.71 1.26 0.00	21.78 1.04 0.00	19.79 0.92 0.00	18.73 0.83 0.00	18.77 0.83 0.00	21.57 0.99 0.00	27.68 1.46 0.00	28.86 1.65 0.00	31.02 1.90 0.00	29.05 1.84 0.00	27.46 1.69 -3.49	23.86 1.79 0.00	30.97 2.34 0.00	37.26 2.64 0.00	32.20 2.24 0.00	32.12 2.33 0.00	50.13 3.70 0.00	44.86 3.34 0.00	60.97 4.09 0.00	62.92 3.84 0.00	41.30 2.45 0.00	37.36 2.19 0.00	30.10 1.76 0.00	34.38 1.80 0.00
RAVENSWOOD_GT2_3 24246	22.72 1.27 0.00	21.79 1.05 0.00	19.81 0.93 0.00	18.74 0.84 0.00	18.78 0.85 0.00	21.58 0.99 0.00	27.69 1.47 0.00	28.88 1.67 0.00	31.04 1.93 0.00	29.07 1.86 0.00	27.47 1.71 -3.49	23.87 1.81 0.00	30.99 2.36 0.00	37.29 2.66 0.00	32.23 2.26 0.00	32.14 2.36 0.00	50.16 3.73 0.00	44.88 3.37 0.00	61.01 4.13 0.00	62.94 3.87 0.00	41.33 2.48 0.00	37.39 2.22 0.00	30.11 1.77 0.00	34.39 1.82 0.00
RAVENSWOOD_GT2_4 24247	22.72 1.27 0.00	21.79 1.05 0.00	19.81 0.93 0.00	18.74 0.84 0.00	18.78 0.85 0.00	21.58 0.99 0.00	27.69 1.47 0.00	28.88 1.67 0.00	31.04 1.93 0.00	29.07 1.86 0.00	27.47 1.71 -3.49	23.87 1.81 0.00	30.99 2.36 0.00	37.29 2.66 0.00	32.23 2.26 0.00	32.14 2.36 0.00	50.16 3.73 0.00	44.88 3.37 0.00	61.01 4.13 0.00	62.94 3.87 0.00	41.33 2.48 0.00	37.39 2.22 0.00	30.11 1.77 0.00	34.39 1.82 0.00
RAVENSWOOD_GT3_1 24248	22.71 1.26 0.00	21.78 1.04 0.00	19.79 0.91 0.00	18.73 0.83 0.00	18.77 0.83 0.00	21.58 0.99 0.00	27.68 1.46 0.00	28.86 1.65 0.00	31.02 1.91 0.00	29.05 1.84 0.00	27.46 1.69 -3.49	23.86 1.79 0.00	30.97 2.34 0.00	37.26 2.64 0.00	32.21 2.24 0.00	32.12 2.34 0.00	50.13 3.70 0.00	44.86 3.35 0.00	60.97 4.10 0.00	62.92 3.84 0.00	41.30 2.45 0.00	37.37 2.20 0.00	30.10 1.76 0.00	34.38 1.80 0.00
RAVENSWOOD_GT3_2 24249	22.71 1.26 0.00	21.78 1.04 0.00	19.79 0.91 0.00	18.73 0.83 0.00	18.77 0.83 0.00	21.58 0.99 0.00	27.68 1.46 0.00	28.86 1.65 0.00	31.02 1.91 0.00	29.05 1.84 0.00	27.46 1.69 -3.49	23.86 1.79 0.00	30.97 2.34 0.00	37.26 2.64 0.00	32.21 2.24 0.00	32.12 2.34 0.00	50.13 3.70 0.00	44.86 3.35 0.00	60.97 4.10 0.00	62.92 3.84 0.00	41.30 2.45 0.00	37.37 2.20 0.00	30.10 1.76 0.00	34.38 1.80 0.00
RAVENSWOOD_GT3_3 24250	22.75 1.29 0.00	21.82 1.08 0.00	19.83 0.95 0.00	18.76 0.86 0.00	18.80 0.86 0.00	21.61 1.02 0.00	27.73 1.51 0.00	28.92 1.70 0.00	31.08 1.96 0.00	29.11 1.90 0.00	27.50 1.74 -3.49	23.90 1.84 0.00	31.04 2.41 0.00	37.34 2.71 0.00	32.28 2.31 0.00	32.19 2.41 0.00	50.24 3.81 0.00	44.95 3.43 0.00	61.10 4.23 0.00	63.04 3.97 0.00	41.38 2.54 0.00	37.45 2.28 0.00	30.16 1.82 0.00	34.44 1.86 0.00
RAVENSWOOD_GT3_4 24251	22.75 1.29 0.00	21.82 1.08 0.00	19.83 0.95 0.00	18.76 0.86 0.00	18.80 0.86 0.00	21.61 1.02 0.00	27.73 1.51 0.00	28.92 1.70 0.00	31.08 1.96 0.00	29.11 1.90 0.00	27.50 1.74 -3.49	23.90 1.84 0.00	31.04 2.41 0.00	37.34 2.71 0.00	32.28 2.31 0.00	32.19 2.41 0.00	50.24 3.81 0.00	44.95 3.43 0.00	61.10 4.23 0.00	63.04 3.97 0.00	41.38 2.54 0.00	37.45 2.28 0.00	30.16 1.82 0.00	34.44 1.86 0.00
RAVENSWOOD_GT_1 23729	22.77 1.31 0.00	21.83 1.10 0.00	19.85 0.97 0.00	18.77 0.88 0.00	18.81 0.88 0.00	21.63 1.05 0.00	27.75 1.53 0.00	28.95 1.74 0.00	31.12 2.00 0.00	29.15 1.94 0.00	27.55 1.78 -3.49	23.95 1.89 0.00	31.08 2.45 0.00	37.37 2.74 0.00	32.30 2.33 0.00	32.20 2.42 0.00	50.19 3.76 0.00	44.91 3.39 0.00	61.00 4.13 0.00	62.95 3.87 0.00	41.34 2.49 0.00	37.44 2.27 0.00	30.16 1.82 0.00	34.40 1.83 0.00
RAVENSWOOD_GT_10 24258	22.71 1.26 0.00	21.78 1.04 0.00	19.79 0.91 0.00	18.73 0.83 0.00	18.77 0.83 0.00	21.57 0.99 0.00	27.68 1.46 0.00	28.86 1.65 0.00	31.02 1.90 0.00	29.05 1.84 0.00	27.46 1.69 -3.49	23.86 1.79 0.00	30.97 2.34 0.00	37.26 2.64 0.00	32.20 2.24 0.00	32.12 2.34 0.00	50.14 3.71 0.00	44.87 3.35 0.00	60.98 4.11 0.00	62.92 3.84 0.00	41.30 2.45 0.00	37.37 2.20 0.00	30.10 1.76 0.00	34.39 1.81 0.00
RAVENSWOOD_GT_11 24259	22.71 1.25 0.00	21.78 1.04 0.00	19.80 0.93 0.00	18.73 0.83 0.00	18.77 0.84 0.00	21.57 0.99 0.00	27.68 1.45 0.00	28.86 1.65 0.00	31.02 1.90 0.00	29.05 1.84 0.00	27.46 1.69 -3.49	23.86 1.79 0.00	30.97 2.34 0.00	37.27 2.64 0.00	32.21 2.24 0.00	32.13 2.34 0.00	50.14 3.71 0.00	44.87 3.35 0.00	60.98 4.11 0.00	62.92 3.84 0.00	41.30 2.45 0.00	37.36 2.19 0.00	30.10 1.76 0.00	34.38 1.81 0.00

RAVENSWOOD_GT_4 24252	22.71 1.25 0.00	21.78 1.04 0.00	19.79 0.91 0.00	18.73 0.83 0.00	18.76 0.83 0.00	21.57 0.99 0.00	27.67 1.45 0.00	28.86 1.64 0.00	31.02 1.90 0.00	29.04 1.83 0.00	27.45 1.69 -3.49	23.86 1.79 0.00	30.97 2.33 0.00	37.26 2.63 0.00	32.20 2.24 0.00	32.12 2.33 0.00	50.14 3.71 0.00	44.87 3.35 0.00	60.99 4.11 0.00	62.93 3.85 0.00	41.31 2.46 0.00	37.37 2.20 0.00	30.10 1.76 0.00	34.39 1.82 0.00
RAVENSWOOD_GT_5 24254	22.71 1.25 0.00	21.78 1.04 0.00	19.79 0.91 0.00	18.73 0.83 0.00	18.76 0.83 0.00	21.57 0.99 0.00	27.67 1.45 0.00	28.86 1.64 0.00	31.02 1.90 0.00	29.04 1.83 0.00	27.45 1.69 -3.49	23.86 1.79 0.00	30.97 2.33 0.00	37.26 2.63 0.00	32.20 2.24 0.00	32.12 2.33 0.00	50.14 3.71 0.00	44.87 3.35 0.00	60.99 4.11 0.00	62.93 3.85 0.00	41.31 2.46 0.00	37.37 2.20 0.00	30.10 1.76 0.00	34.39 1.82 0.00
RAVENSWOOD_GT_6 24253	22.71 1.25 0.00	21.78 1.04 0.00	19.79 0.91 0.00	18.73 0.83 0.00	18.76 0.83 0.00	21.57 0.99 0.00	27.67 1.45 0.00	28.86 1.64 0.00	31.02 1.90 0.00	29.04 1.83 0.00	27.45 1.69 -3.49	23.86 1.79 0.00	30.97 2.33 0.00	37.26 2.63 0.00	32.20 2.24 0.00	32.12 2.33 0.00	50.14 3.71 0.00	44.87 3.35 0.00	60.99 4.11 0.00	62.93 3.85 0.00	41.31 2.46 0.00	37.37 2.20 0.00	30.10 1.76 0.00	34.39 1.82 0.00
RAVENSWOOD_GT_7 24255	22.71 1.25 0.00	21.78 1.04 0.00	19.79 0.91 0.00	18.73 0.83 0.00	18.76 0.83 0.00	21.57 0.99 0.00	27.67 1.45 0.00	28.86 1.64 0.00	31.02 1.90 0.00	29.04 1.83 0.00	27.45 1.69 -3.49	23.86 1.79 0.00	30.97 2.33 0.00	37.26 2.63 0.00	32.20 2.24 0.00	32.12 2.33 0.00	50.14 3.71 0.00	44.87 3.35 0.00	60.99 4.11 0.00	62.93 3.85 0.00	41.31 2.46 0.00	37.37 2.20 0.00	30.10 1.76 0.00	34.39 1.82 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.71 1.26 0.00	21.78 1.04 0.00	19.79 0.91 0.00	18.73 0.83 0.00	18.77 0.83 0.00	21.57 0.99 0.00	27.68 1.46 0.00	28.86 1.65 0.00	31.02 1.90 0.00	29.05 1.84 0.00	27.46 1.69 -3.49	23.86 1.79 0.00	30.97 2.34 0.00	37.26 2.64 0.00	32.20 2.24 0.00	32.12 2.34 0.00	50.14 3.71 0.00	44.87 3.35 0.00	60.98 4.11 0.00	62.92 3.84 0.00	41.30 2.45 0.00	37.37 2.20 0.00	30.10 1.76 0.00	34.39 1.81 0.00
RAVENSWOOD_GT_9 24257	22.71 1.26 0.00	21.78 1.04 0.00	19.79 0.91 0.00	18.73 0.83 0.00	18.77 0.83 0.00	21.57 0.99 0.00	27.68 1.46 0.00	28.86 1.65 0.00	31.02 1.90 0.00	29.05 1.84 0.00	27.46 1.69 -3.49	23.86 1.79 0.00	30.97 2.34 0.00	37.26 2.64 0.00	32.20 2.24 0.00	32.12 2.34 0.00	50.14 3.71 0.00	44.87 3.35 0.00	60.98 4.11 0.00	62.92 3.84 0.00	41.30 2.45 0.00	37.37 2.20 0.00	30.10 1.76 0.00	34.39 1.81 0.00
RAVENSWOOD___1 23533	22.74 1.29 0.00	21.80 1.07 0.00	19.82 0.94 0.00	18.75 0.85 0.00	18.79 0.85 0.00	21.60 1.01 0.00	27.71 1.49 0.00	28.90 1.69 0.00	31.07 1.95 0.00	29.10 1.89 0.00	27.50 1.73 -3.49	23.90 1.83 0.00	31.01 2.38 0.00	37.30 2.67 0.00	32.24 2.28 0.00	32.15 2.37 0.00	50.13 3.70 0.00	44.85 3.33 0.00	60.93 4.06 0.00	62.89 3.81 0.00	41.30 2.45 0.00	37.39 2.22 0.00	30.12 1.78 0.00	34.36 1.78 0.00
RAVENSWOOD___2 23534	22.74 1.29 0.00	21.80 1.07 0.00	19.82 0.94 0.00	18.75 0.85 0.00	18.79 0.85 0.00	21.60 1.01 0.00	27.71 1.49 0.00	28.90 1.69 0.00	31.07 1.95 0.00	29.10 1.89 0.00	27.50 1.73 -3.49	23.90 1.83 0.00	31.01 2.38 0.00	37.30 2.67 0.00	32.24 2.28 0.00	32.15 2.37 0.00	50.13 3.70 0.00	44.85 3.33 0.00	60.93 4.06 0.00	62.89 3.81 0.00	41.30 2.45 0.00	37.39 2.22 0.00	30.12 1.78 0.00	34.36 1.78 0.00
RAVENSWOOD___3 23535	22.71 1.26 0.00	21.78 1.04 0.00	19.81 0.93 0.00	18.73 0.84 0.00	18.77 0.84 0.00	21.58 0.99 0.00	27.68 1.45 0.00	28.87 1.65 0.00	31.03 1.91 0.00	29.05 1.84 0.00	27.46 1.70 -3.49	23.86 1.79 0.00	30.97 2.34 0.00	37.27 2.64 0.00	32.21 2.24 0.00	32.13 2.34 0.00	50.14 3.71 0.00	44.87 3.35 0.00	60.98 4.11 0.00	62.92 3.84 0.00	41.30 2.45 0.00	37.37 2.20 0.00	30.10 1.76 0.00	34.39 1.81 0.00
RAVENSWOOD___4 23820	22.74 1.29 0.00	21.80 1.07 0.00	19.82 0.94 0.00	18.75 0.85 0.00	18.79 0.85 0.00	21.60 1.01 0.00	27.71 1.49 0.00	28.90 1.69 0.00	31.07 1.95 0.00	29.10 1.89 0.00	27.50 1.73 -3.49	23.90 1.83 0.00	31.01 2.38 0.00	37.30 2.67 0.00	32.24 2.28 0.00	32.15 2.37 0.00	50.13 3.70 0.00	44.85 3.33 0.00	60.93 4.06 0.00	62.89 3.81 0.00	41.30 2.45 0.00	37.39 2.22 0.00	30.12 1.78 0.00	34.36 1.78 0.00
RCPL_TRUST___DRP 24196	22.69 1.23 0.00	21.76 1.02 0.00	19.77 0.89 0.00	18.71 0.82 0.00	18.75 0.82 0.00	21.56 0.97 0.00	27.67 1.45 0.00	28.85 1.64 0.00	31.02 1.91 0.00	29.05 1.84 0.00	27.47 1.71 -3.49	23.88 1.81 0.00	31.01 2.37 0.00	37.30 2.67 0.00	32.24 2.27 0.00	32.15 2.37 0.00	50.18 3.75 0.00	44.88 3.37 0.00	61.00 4.12 0.00	62.93 3.85 0.00	41.30 2.45 0.00	37.36 2.19 0.00	30.09 1.75 0.00	34.39 1.81 0.00
RED___ROCHESTER 323720	21.85 0.39 0.00	20.97 0.24 0.00	19.04 0.16 0.00	18.05 0.16 0.00	18.03 0.09 0.00	20.67 0.08 0.00	26.45 0.23 0.00	27.54 0.32 0.00	29.45 0.32 0.00	27.70 0.49 0.00	22.63 0.36 0.00	22.29 0.23 0.00	28.91 0.27 0.00	34.73 0.10 0.00	30.01 0.04 0.00	29.79 0.01 0.00	46.46 0.03 0.00	41.60 0.08 0.00	57.15 0.28 0.00	59.42 0.35 0.00	39.06 0.22 0.00	35.46 0.29 0.00	28.59 0.26 0.00	33.09 0.51 0.00
REGAN___SOLAR 323812	23.71 2.26 0.00	22.81 2.07 0.00	20.67 1.79 0.00	19.62 1.72 0.00	19.65 1.72 0.00	22.65 2.06 0.00	29.10 2.88 0.00	30.20 2.98 0.00	32.40 3.28 0.00	28.98 1.77 0.00	24.31 1.43 -0.61	23.01 0.94 0.00	30.22 1.58 0.00	39.09 4.47 0.00	32.06 2.09 0.00	32.65 2.86 0.00	49.93 3.50 0.00	45.90 4.38 0.00	65.08 8.20 0.00	68.39 9.32 0.00	44.52 5.67 0.00	39.96 4.79 0.00	32.06 3.72 0.00	36.71 4.13 0.00
RENSSELAER___COGEN 23796	21.87 0.42 0.00	21.16 0.42 0.00	19.29 0.41 0.00	18.26 0.36 0.00	18.30 0.37 0.00	21.01 0.43 0.00	26.79 0.57 0.00	27.76 0.55 0.00	29.71 0.59 0.00	27.70 0.49 0.00	23.51 0.44 -0.79	22.58 0.51 0.00	29.39 0.75 0.00	35.50 0.87 0.00	30.65 0.69 0.00	30.42 0.64 0.00	47.44 1.01 0.00	42.48 0.96 0.00	58.12 1.24 0.00	60.44 1.36 0.00	39.84 1.00 0.00	35.93 0.76 0.00	28.98 0.64 0.00	33.18 0.60 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.78 2.33 0.00	22.90 2.16 0.00	20.61 1.73 0.00	19.53 1.64 0.00	19.59 1.66 0.00	22.77 2.18 0.00	29.16 2.94 0.00	29.66 2.45 0.00	31.78 2.66 0.00	29.73 2.52 0.00	24.90 1.88 -0.76	24.11 2.04 0.00	31.58 2.95 0.00	38.13 3.51 0.00	32.74 2.77 0.00	32.49 2.71 0.00	50.76 4.33 0.00	45.71 4.19 0.00	63.89 7.02 0.00	67.06 7.98 0.00	44.14 5.29 0.00	39.35 4.18 0.00	31.64 3.29 0.00	36.12 3.55 0.00

REVERE_CPPR_DRP 24186	22.03 0.57 0.00	21.19 0.46 0.00	19.18 0.30 0.00	18.24 0.35 0.00	18.30 0.37 0.00	21.09 0.51 0.00	27.05 0.83 0.00	28.15 0.94 0.00	30.11 0.99 0.00	28.13 0.92 0.00	23.00 0.73 0.00	22.78 0.72 0.00	29.65 0.86 -0.16	35.66 1.03 0.00	30.84 0.87 0.00	30.66 0.88 0.00	47.86 1.43 0.00	42.80 1.28 0.00	58.84 1.96 0.00	61.49 2.39 -0.02	40.52 1.67 0.00	36.69 1.52 0.00	29.47 1.13 0.00	33.81 1.23 0.00
REYNOLDS_115KV_TB3 80639	22.05 0.59 0.00	21.34 0.60 0.00	19.47 0.59 0.00	18.42 0.52 0.00	18.46 0.53 0.00	21.20 0.61 0.00	27.00 0.78 0.00	27.96 0.74 0.00	29.91 0.79 0.00	27.89 0.68 0.00	23.67 0.58 -0.81	22.71 0.64 0.00	29.56 0.92 0.00	35.70 1.08 0.00	30.81 0.85 0.00	30.57 0.78 0.00	47.63 1.20 0.00	42.67 1.15 0.00	58.45 1.57 0.00	60.81 1.73 0.00	40.10 1.26 0.00	36.15 0.99 0.00	29.17 0.83 0.00	33.41 0.83 0.00
RIVERBAY____ 323610	22.82 1.37 0.00	21.90 1.16 0.00	19.87 0.99 0.00	18.83 0.93 0.00	18.83 0.90 0.00	21.67 1.09 0.00	27.79 1.58 0.00	29.01 1.80 0.00	31.17 2.05 0.00	29.14 1.93 0.00	27.52 1.76 -3.49	23.88 1.82 0.00	31.02 2.38 0.00	37.33 2.70 0.00	32.30 2.33 0.00	32.20 2.41 0.00	50.37 3.95 0.00	45.12 3.60 0.00	61.34 4.47 0.00	63.44 4.37 0.00	41.61 2.77 0.00	37.63 2.46 0.00	30.26 1.92 0.00	34.52 1.94 0.00
RIVERSDE_115KV_TB3 55908	21.98 0.52 0.00	21.26 0.52 0.00	19.39 0.51 0.00	18.35 0.45 0.00	18.39 0.46 0.00	21.12 0.53 0.00	26.92 0.70 0.00	27.88 0.67 0.00	29.85 0.73 0.00	27.83 0.62 0.00	23.62 0.54 -0.80	22.68 0.62 0.00	29.52 0.89 0.00	35.67 1.04 0.00	30.80 0.83 0.00	30.55 0.76 0.00	47.63 1.20 0.00	42.66 1.14 0.00	58.39 1.51 0.00	60.72 1.64 0.00	40.03 1.18 0.00	36.09 0.92 0.00	29.11 0.77 0.00	33.33 0.75 0.00
ROARING__BROOK_WT_PWR 323790	21.16 -0.29 0.00	20.49 -0.25 0.00	18.59 -0.29 0.00	17.60 -0.30 0.00	17.67 -0.26 0.00	20.33 -0.26 0.00	25.89 -0.33 0.00	26.91 -0.31 0.00	28.95 -0.17 0.00	27.06 -0.15 0.00	22.06 -0.22 0.00	21.91 -0.16 0.00	28.50 -0.14 0.00	34.47 -0.16 0.00	29.81 -0.15 0.00	29.70 -0.09 0.00	46.23 -0.20 0.00	41.16 -0.36 0.00	56.67 -0.21 0.00	58.99 -0.09 0.00	38.89 0.04 0.00	35.19 0.02 0.00	28.37 0.03 0.00	32.61 0.03 0.00
ROCHESRG_115KV_T4 355643	21.60 0.15 0.00	20.75 0.01 0.00	18.85 -0.03 0.00	17.87 -0.03 0.00	17.85 -0.09 0.00	20.46 -0.13 0.00	26.17 -0.05 0.00	27.24 0.03 0.00	29.12 0.00 0.00	27.38 0.17 0.00	22.35 0.08 0.00	22.02 -0.04 0.00	28.54 -0.09 0.00	34.28 -0.35 0.00	29.62 -0.35 0.00	29.39 -0.39 0.00	45.86 -0.57 0.00	41.01 -0.50 0.00	56.30 -0.58 0.00	58.56 -0.52 0.00	38.51 -0.34 0.00	34.98 -0.19 0.00	28.24 -0.10 0.00	32.71 0.13 0.00
ROCHESTER_9_IC 23652	21.73 0.28 0.00	20.87 0.13 0.00	18.97 0.09 0.00	17.97 0.07 0.00	17.95 0.02 0.00	20.58 -0.01 0.00	26.32 0.10 0.00	27.41 0.19 0.00	29.31 0.19 0.00	27.56 0.35 0.00	22.51 0.24 0.00	22.18 0.11 0.00	28.75 0.11 0.00	34.53 -0.10 0.00	29.83 -0.14 0.00	29.62 -0.16 0.00	46.18 -0.25 0.00	41.34 -0.18 0.00	56.75 -0.12 0.00	59.01 -0.07 0.00	38.80 -0.05 0.00	35.25 0.08 0.00	28.44 0.10 0.00	32.92 0.34 0.00
ROCKVIEW_13_KV_LD 356306	22.74 1.28 0.00	21.82 1.08 0.00	19.83 0.95 0.00	18.75 0.85 0.00	18.79 0.86 0.00	21.60 1.01 0.00	27.73 1.50 0.00	28.90 1.68 0.00	31.06 1.94 0.00	29.06 1.85 0.00	27.45 1.69 -3.49	23.85 1.78 0.00	30.98 2.34 0.00	37.31 2.68 0.00	32.25 2.28 0.00	32.16 2.38 0.00	50.21 3.79 0.00	44.95 3.43 0.00	61.12 4.25 0.00	63.10 4.02 0.00	41.43 2.58 0.00	37.45 2.28 0.00	30.15 1.81 0.00	34.46 1.89 0.00
ROME____115KV_TB2 80656	22.03 0.57 0.00	21.19 0.46 0.00	19.18 0.30 0.00	18.24 0.35 0.00	18.30 0.37 0.00	21.09 0.51 0.00	27.05 0.83 0.00	28.15 0.94 0.00	30.11 0.99 0.00	28.13 0.92 0.00	23.00 0.73 0.00	22.78 0.72 0.00	29.65 0.86 -0.16	35.66 1.03 0.00	30.84 0.87 0.00	30.66 0.88 0.00	47.86 1.43 0.00	42.80 1.28 0.00	58.84 1.96 0.00	61.49 2.39 -0.02	40.52 1.67 0.00	36.69 1.52 0.00	29.47 1.13 0.00	33.81 1.23 0.00
ROSETON__1 23587	22.43 0.97 0.00	21.57 0.83 0.00	19.62 0.74 0.00	18.56 0.67 0.00	18.60 0.67 0.00	21.38 0.79 0.00	27.39 1.17 0.00	28.51 1.29 0.00	30.59 1.47 0.00	28.59 1.37 0.00	23.53 1.26 0.00	23.40 1.34 0.00	30.40 1.77 0.00	36.65 2.02 0.00	31.67 1.70 0.00	31.57 1.78 0.00	49.27 2.84 0.00	44.11 2.59 0.00	60.08 3.21 0.00	62.13 3.05 0.00	40.82 1.97 0.00	36.89 1.72 0.00	29.72 1.38 0.00	34.00 1.42 0.00
ROSETON__2 23588	22.43 0.97 0.00	21.57 0.83 0.00	19.62 0.74 0.00	18.56 0.67 0.00	18.60 0.67 0.00	21.38 0.79 0.00	27.39 1.17 0.00	28.51 1.29 0.00	30.59 1.47 0.00	28.59 1.37 0.00	23.53 1.26 0.00	23.40 1.34 0.00	30.40 1.77 0.00	36.65 2.02 0.00	31.67 1.70 0.00	31.57 1.78 0.00	49.27 2.84 0.00	44.11 2.59 0.00	60.08 3.21 0.00	62.13 3.05 0.00	40.82 1.97 0.00	36.89 1.72 0.00	29.72 1.38 0.00	34.00 1.42 0.00
ROTTTRDAM_115KV_TB3 80664	22.26 0.80 0.00	21.48 0.75 0.00	19.55 0.68 0.00	18.53 0.63 0.00	18.56 0.63 0.00	21.33 0.74 0.00	27.23 1.01 0.00	28.24 1.03 0.00	30.22 1.09 0.00	28.18 0.97 0.00	23.80 0.80 -0.73	22.92 0.86 0.00	29.81 1.18 0.00	36.03 1.40 0.00	31.11 1.15 0.00	30.92 1.14 0.00	48.24 1.81 0.00	43.19 1.67 0.00	59.17 2.29 0.00	61.52 2.45 0.00	40.53 1.68 0.00	36.60 1.43 0.00	29.48 1.14 0.00	33.78 1.20 0.00
RUSSELL__1 23602	21.84 0.39 0.00	20.97 0.24 0.00	19.05 0.18 0.00	18.06 0.16 0.00	18.03 0.10 0.00	20.67 0.08 0.00	26.45 0.23 0.00	27.53 0.32 0.00	29.45 0.32 0.00	27.70 0.49 0.00	22.63 0.35 0.00	22.29 0.23 0.00	28.91 0.27 0.00	34.73 0.10 0.00	30.01 0.04 0.00	29.80 0.02 0.00	46.46 0.03 0.00	41.60 0.08 0.00	57.16 0.28 0.00	59.42 0.35 0.00	39.06 0.22 0.00	35.47 0.30 0.00	28.60 0.26 0.00	33.09 0.51 0.00
RUSSELL__2 23532	21.84 0.39 0.00	20.97 0.24 0.00	19.05 0.18 0.00	18.06 0.16 0.00	18.03 0.10 0.00	20.67 0.08 0.00	26.45 0.23 0.00	27.53 0.32 0.00	29.45 0.32 0.00	27.70 0.49 0.00	22.63 0.35 0.00	22.29 0.23 0.00	28.91 0.27 0.00	34.73 0.10 0.00	30.01 0.04 0.00	29.80 0.02 0.00	46.46 0.03 0.00	41.60 0.08 0.00	57.16 0.28 0.00	59.42 0.35 0.00	39.06 0.22 0.00	35.47 0.30 0.00	28.60 0.26 0.00	33.09 0.51 0.00
RUSSELL__3 23549	21.84 0.39 0.00	20.97 0.24 0.00	19.05 0.18 0.00	18.06 0.16 0.00	18.03 0.10 0.00	20.67 0.08 0.00	26.45 0.23 0.00	27.53 0.32 0.00	29.45 0.32 0.00	27.70 0.49 0.00	22.63 0.35 0.00	22.29 0.23 0.00	28.91 0.27 0.00	34.73 0.10 0.00	30.01 0.04 0.00	29.80 0.02 0.00	46.46 0.03 0.00	41.60 0.08 0.00	57.16 0.28 0.00	59.42 0.35 0.00	39.06 0.22 0.00	35.47 0.30 0.00	28.60 0.26 0.00	33.09 0.51 0.00

RUSSELL___4 23556	21.84 0.39 0.00	20.97 0.24 0.00	19.05 0.18 0.00	18.06 0.16 0.00	18.03 0.10 0.00	20.67 0.08 0.00	26.45 0.23 0.00	27.53 0.32 0.00	29.45 0.32 0.00	27.70 0.49 0.00	22.63 0.35 0.00	22.29 0.23 0.00	28.91 0.27 0.00	34.73 0.10 0.00	30.01 0.04 0.00	29.80 0.02 0.00	46.46 0.03 0.00	41.60 0.08 0.00	57.16 0.28 0.00	59.42 0.35 0.00	39.06 0.22 0.00	35.47 0.30 0.00	28.60 0.26 0.00	33.09 0.51 0.00
RUSSELL___STATION 23914	21.84 0.39 0.00	20.97 0.24 0.00	19.05 0.18 0.00	18.06 0.16 0.00	18.03 0.10 0.00	20.67 0.08 0.00	26.45 0.23 0.00	27.53 0.32 0.00	29.45 0.32 0.00	27.70 0.49 0.00	22.63 0.35 0.00	22.29 0.23 0.00	28.91 0.27 0.00	34.73 0.10 0.00	30.01 0.04 0.00	29.80 0.02 0.00	46.46 0.03 0.00	41.60 0.08 0.00	57.16 0.28 0.00	59.42 0.35 0.00	39.06 0.22 0.00	35.47 0.30 0.00	28.60 0.26 0.00	33.09 0.51 0.00
S SALMON___HYD 24043	21.23 -0.22 0.00	20.43 -0.31 0.00	18.47 -0.41 0.00	17.60 -0.29 0.00	17.68 -0.25 0.00	20.35 -0.23 0.00	26.07 -0.15 0.00	27.08 -0.14 0.00	29.06 -0.06 0.00	27.30 0.09 0.00	22.27 -0.01 0.00	22.00 -0.07 0.00	29.04 -0.33 -0.73	34.48 -0.15 0.00	29.63 -0.33 0.00	29.24 -0.55 0.00	45.42 -1.01 0.00	40.67 -0.84 0.00	55.88 -0.99 0.00	58.59 -0.57 -0.09	38.66 -0.19 0.00	35.13 -0.04 0.00	28.27 -0.07 0.00	32.50 -0.08 0.00
S.PERRY___115KV_TB1 80734	22.33 0.88 0.00	21.37 0.64 0.00	19.40 0.52 0.00	18.43 0.54 0.00	18.43 0.50 0.00	21.15 0.56 0.00	27.09 0.87 0.00	28.15 0.94 0.00	29.82 0.70 0.00	27.93 0.73 0.00	22.65 0.38 0.00	22.32 0.25 0.00	29.04 0.41 0.00	34.98 0.35 0.00	30.28 0.31 0.00	30.02 0.23 0.00	47.29 0.87 0.00	42.14 0.62 0.00	58.08 1.20 0.00	60.71 1.63 0.00	40.21 1.36 0.00	36.62 1.45 0.00	29.46 1.12 0.00	34.06 1.48 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.64 0.19 0.00	20.74 0.00 0.00	18.83 -0.05 0.00	17.86 -0.03 0.00	17.80 -0.13 0.00	20.36 -0.22 0.00	26.12 -0.10 0.00	27.19 -0.03 0.00	29.05 -0.07 0.00	27.42 0.21 0.00	22.30 0.03 0.00	21.91 -0.15 0.00	28.38 -0.26 0.00	33.93 -0.69 0.00	29.25 -0.72 0.00	29.03 -0.75 0.00	45.42 -1.01 0.00	40.41 -1.11 0.00	55.48 -1.39 0.00	57.69 -1.38 0.00	37.97 -0.87 0.00	34.65 -0.53 0.00	28.10 -0.24 0.00	32.77 0.20 0.00
SAWYER___23_KV_LOAD 55526	21.64 0.19 0.00	20.74 0.00 0.00	18.83 -0.05 0.00	17.86 -0.03 0.00	17.80 -0.13 0.00	20.36 -0.22 0.00	26.12 -0.10 0.00	27.19 -0.03 0.00	29.05 -0.07 0.00	27.42 0.21 0.00	22.30 0.03 0.00	21.91 -0.15 0.00	28.38 -0.26 0.00	33.93 -0.69 0.00	29.25 -0.72 0.00	29.03 -0.75 0.00	45.42 -1.01 0.00	40.41 -1.11 0.00	55.48 -1.39 0.00	57.69 -1.38 0.00	37.97 -0.87 0.00	34.65 -0.53 0.00	28.10 -0.24 0.00	32.77 0.20 0.00
SELKIRK___I 23801	22.10 0.65 0.00	21.38 0.64 0.00	19.51 0.63 0.00	18.47 0.57 0.00	18.51 0.58 0.00	21.25 0.67 0.00	27.10 0.88 0.00	28.08 0.86 0.00	30.03 0.91 0.00	27.99 0.78 0.00	23.66 0.65 -0.73	22.75 0.69 0.00	29.62 0.98 0.00	35.78 1.15 0.00	30.96 0.99 0.00	30.69 0.91 0.00	47.87 1.44 0.00	42.86 1.34 0.00	58.63 1.75 0.00	60.99 1.91 0.00	40.22 1.37 0.00	36.30 1.13 0.00	29.27 0.93 0.00	33.54 0.96 0.00
SELKIRK___II 23799	21.97 0.52 0.00	21.24 0.50 0.00	19.37 0.49 0.00	18.34 0.44 0.00	18.38 0.44 0.00	21.09 0.51 0.00	26.91 0.69 0.00	27.90 0.69 0.00	29.86 0.74 0.00	27.86 0.65 0.00	23.61 0.56 -0.78	22.68 0.62 0.00	29.52 0.89 0.00	35.65 1.03 0.00	30.81 0.84 0.00	30.58 0.80 0.00	47.68 1.25 0.00	42.68 1.17 0.00	58.36 1.48 0.00	60.66 1.58 0.00	39.98 1.13 0.00	36.09 0.92 0.00	29.10 0.76 0.00	33.33 0.76 0.00
SENECA OSWGO___HYD 24041	21.20 -0.25 0.00	20.43 -0.31 0.00	18.56 -0.32 0.00	17.62 -0.28 0.00	17.65 -0.29 0.00	20.27 -0.31 0.00	25.84 -0.38 0.00	26.83 -0.38 0.00	28.95 -0.18 0.00	27.31 0.10 0.00	22.35 0.08 0.00	22.07 0.01 0.00	29.34 -0.31 -1.02	34.61 -0.02 0.00	29.58 -0.39 0.00	29.17 -0.61 0.00	45.50 -0.93 0.00	40.71 -0.81 0.00	55.75 -1.12 0.00	58.14 -1.06 -0.12	38.19 -0.66 0.00	34.63 -0.54 0.00	27.87 -0.47 0.00	31.99 -0.58 0.00
SENECA___115KV_TB3 355854	21.82 0.36 0.00	20.89 0.15 0.00	18.95 0.08 0.00	17.99 0.09 0.00	17.94 0.00 0.00	20.53 -0.05 0.00	26.34 0.12 0.00	27.47 0.25 0.00	29.34 0.22 0.00	27.71 0.51 0.00	22.53 0.25 0.00	22.14 0.07 0.00	28.70 0.06 0.00	34.36 -0.27 0.00	29.64 -0.33 0.00	29.42 -0.36 0.00	46.08 -0.35 0.00	41.00 -0.52 0.00	56.25 -0.63 0.00	58.48 -0.60 0.00	38.46 -0.38 0.00	35.10 -0.07 0.00	28.42 0.08 0.00	33.12 0.54 0.00
SENECA___ENERGY 23797	21.49 0.04 0.00	20.66 -0.08 0.00	18.78 -0.10 0.00	17.79 -0.10 0.00	17.83 -0.11 0.00	20.49 -0.10 0.00	26.18 -0.04 0.00	27.27 0.06 0.00	29.16 0.04 0.00	27.29 0.08 0.00	22.34 0.07 0.00	22.06 0.00 0.00	29.15 0.09 -0.42	34.56 -0.06 0.00	29.85 -0.12 0.00	29.65 -0.13 0.00	46.30 -0.13 0.00	41.39 -0.12 0.00	56.76 -0.12 0.00	59.14 0.01 -0.05	38.82 -0.02 0.00	35.26 0.09 0.00	28.39 0.05 0.00	32.66 0.08 0.00
SHOEMAKER___GT 23640	22.32 0.86 0.00	21.45 0.71 0.00	19.53 0.65 0.00	18.48 0.58 0.00	18.52 0.58 0.00	21.27 0.69 0.00	27.25 1.03 0.00	28.34 1.12 0.00	30.38 1.26 0.00	28.37 1.16 0.00	20.61 1.05 2.72	23.17 1.11 0.00	30.11 1.47 0.00	36.34 1.72 0.00	31.44 1.47 0.00	31.32 1.54 0.00	48.93 2.50 0.00	43.83 2.31 0.00	59.79 2.91 0.00	61.86 2.78 0.00	40.64 1.80 0.00	36.75 1.58 0.00	29.58 1.24 0.00	33.86 1.28 0.00
SHOEMAKR_138KV_BK 111 55601	22.31 0.86 0.00	21.44 0.70 0.00	19.51 0.63 0.00	18.46 0.56 0.00	18.50 0.57 0.00	21.25 0.67 0.00	27.22 1.00 0.00	28.32 1.11 0.00	30.38 1.26 0.00	28.38 1.17 0.00	20.76 1.06 2.58	23.19 1.13 0.00	30.14 1.50 0.00	36.36 1.73 0.00	31.44 1.48 0.00	31.34 1.55 0.00	48.95 2.53 0.00	43.85 2.33 0.00	59.79 2.91 0.00	61.82 2.74 0.00	40.61 1.77 0.00	36.72 1.55 0.00	29.56 1.22 0.00	33.85 1.27 0.00
SHOREHAM_IC_1 23715	36.38 2.25 -12.68	22.69 1.95 0.00	20.76 1.88 0.00	19.49 1.60 0.00	19.63 1.70 0.00	22.46 1.88 0.00	28.47 2.25 0.00	29.41 2.20 0.00	32.08 2.95 -0.01	29.68 2.26 -0.21	35.93 2.01 -11.65	24.15 2.08 0.00	31.25 2.61 0.00	43.59 3.35 -5.62	33.62 2.81 -0.84	40.18 3.05 -7.35	51.22 4.79 0.00	58.41 4.59 -12.30	64.49 5.77 -1.85	64.62 5.54 0.00	43.22 3.51 -0.87	38.14 2.97 0.00	30.75 2.41 0.00	35.10 2.52 0.00
SHOREHAM_IC_2 23716	36.38 2.25 -12.68	22.69 1.95 0.00	20.76 1.88 0.00	19.49 1.60 0.00	19.63 1.70 0.00	22.46 1.88 0.00	28.47 2.25 0.00	29.41 2.20 0.00	32.08 2.95 -0.01	29.68 2.26 -0.21	35.93 2.01 -11.65	24.15 2.08 0.00	31.25 2.61 0.00	43.59 3.35 -5.62	33.62 2.81 -0.84	40.18 3.05 -7.35	51.22 4.79 0.00	58.41 4.59 -12.30	64.49 5.77 -1.85	64.62 5.54 0.00	43.22 3.51 -0.87	38.14 2.97 0.00	30.75 2.41 0.00	35.10 2.52 0.00

SISSONVILLE____ 23735	21.25 -0.20 0.00	20.61 -0.12 0.00	18.74 -0.14 0.00	17.84 -0.05 0.00	17.86 -0.08 0.00	20.52 -0.06 0.00	26.11 -0.11 0.00	26.77 -0.45 0.00	28.50 -0.61 0.00	26.59 -0.62 0.00	21.67 -0.60 0.00	21.48 -0.59 0.00	27.81 -0.92 -0.10	33.78 -0.85 0.00	29.43 -0.54 0.00	29.07 -0.72 0.00	45.30 -1.12 0.00	40.57 -0.95 0.00	55.70 -1.18 0.00	57.94 -1.15 -0.01	38.21 -0.64 0.00	34.52 -0.65 0.00	28.00 -0.34 0.00	32.50 -0.07 0.00
SITHE_IND_GS1 24169	20.92 -0.54 0.00	20.18 -0.56 0.00	18.34 -0.54 0.00	17.40 -0.50 0.00	17.43 -0.50 0.00	20.01 -0.58 0.00	25.48 -0.74 0.00	26.45 -0.76 0.00	28.24 -0.88 0.00	26.40 -0.81 0.00	21.61 -0.66 0.00	21.37 -0.70 0.00	24.78 -0.92 2.94	33.52 -1.11 0.00	28.98 -0.98 0.00	28.80 -0.99 0.00	44.89 -1.54 0.00	40.16 -1.36 0.00	55.00 -1.88 0.00	56.80 -1.93 0.35	37.60 -1.25 0.00	34.08 -1.09 0.00	27.46 -0.88 0.00	31.60 -0.97 0.00
SITHE_IND_GS2 24170	20.92 -0.54 0.00	20.18 -0.56 0.00	18.34 -0.54 0.00	17.40 -0.50 0.00	17.43 -0.50 0.00	20.01 -0.58 0.00	25.48 -0.74 0.00	26.45 -0.76 0.00	28.24 -0.88 0.00	26.40 -0.81 0.00	21.61 -0.66 0.00	21.37 -0.70 0.00	24.78 -0.92 2.94	33.52 -1.11 0.00	28.98 -0.98 0.00	28.80 -0.99 0.00	44.89 -1.54 0.00	40.16 -1.36 0.00	55.00 -1.88 0.00	56.80 -1.93 0.35	37.60 -1.25 0.00	34.08 -1.09 0.00	27.46 -0.88 0.00	31.60 -0.97 0.00
SITHE_IND_GS3 24171	20.92 -0.54 0.00	20.18 -0.56 0.00	18.34 -0.54 0.00	17.40 -0.50 0.00	17.43 -0.50 0.00	20.01 -0.58 0.00	25.48 -0.74 0.00	26.45 -0.76 0.00	28.24 -0.88 0.00	26.40 -0.81 0.00	21.61 -0.66 0.00	21.37 -0.70 0.00	24.78 -0.92 2.94	33.52 -1.11 0.00	28.98 -0.98 0.00	28.80 -0.99 0.00	44.89 -1.54 0.00	40.16 -1.36 0.00	55.00 -1.88 0.00	56.80 -1.93 0.35	37.60 -1.25 0.00	34.08 -1.09 0.00	27.46 -0.88 0.00	31.60 -0.97 0.00
SITHE_IND_GS4 24172	20.92 -0.54 0.00	20.18 -0.56 0.00	18.34 -0.54 0.00	17.40 -0.50 0.00	17.43 -0.50 0.00	20.01 -0.58 0.00	25.48 -0.74 0.00	26.45 -0.76 0.00	28.24 -0.88 0.00	26.40 -0.81 0.00	21.61 -0.66 0.00	21.37 -0.70 0.00	24.78 -0.92 2.94	33.52 -1.11 0.00	28.98 -0.98 0.00	28.80 -0.99 0.00	44.89 -1.54 0.00	40.16 -1.36 0.00	55.00 -1.88 0.00	56.80 -1.93 0.35	37.60 -1.25 0.00	34.08 -1.09 0.00	27.46 -0.88 0.00	31.60 -0.97 0.00
SITHE____BATAVIA 24024	22.13 0.68 0.00	21.18 0.44 0.00	19.21 0.33 0.00	18.23 0.33 0.00	18.17 0.23 0.00	20.84 0.26 0.00	26.80 0.58 0.00	27.90 0.68 0.00	29.80 0.67 0.00	28.03 0.82 0.00	22.88 0.61 0.00	22.45 0.38 0.00	29.13 0.49 0.00	34.91 0.28 0.00	30.12 0.15 0.00	29.80 0.02 0.00	47.05 0.63 0.00	41.62 0.10 0.00	57.15 0.27 0.00	59.65 0.57 0.00	39.28 0.43 0.00	35.79 0.62 0.00	28.92 0.58 0.00	33.58 1.00 0.00
SITHE____INDEPEND 23800	20.92 -0.54 0.00	20.18 -0.56 0.00	18.34 -0.54 0.00	17.40 -0.49 0.00	17.43 -0.50 0.00	20.01 -0.57 0.00	25.48 -0.74 0.00	26.45 -0.76 0.00	28.24 -0.88 0.00	26.40 -0.81 0.00	21.61 -0.66 0.00	21.37 -0.70 0.00	24.78 -0.92 2.94	33.52 -1.11 0.00	28.99 -0.98 0.00	28.80 -0.99 0.00	44.89 -1.54 0.00	40.16 -1.36 0.00	55.00 -1.88 0.00	56.80 -1.93 0.35	37.60 -1.25 0.00	34.08 -1.09 0.00	27.46 -0.88 0.00	31.60 -0.97 0.00
SITHE____MASSENA 23902	21.36 -0.09 0.00	20.73 0.00 0.00	18.89 0.02 0.00	17.95 0.05 0.00	17.97 0.04 0.00	20.62 0.04 0.00	26.19 -0.03 0.00	27.02 -0.20 0.00	28.92 -0.20 0.00	27.00 -0.21 0.00	22.03 -0.24 0.00	21.80 -0.26 0.00	28.22 -0.42 0.00	34.27 -0.36 0.00	29.80 -0.17 0.00	29.56 -0.22 0.00	46.05 -0.38 0.00	41.15 -0.37 0.00	56.58 -0.29 0.00	58.75 -0.33 0.00	38.57 -0.28 0.00	34.91 -0.26 0.00	28.16 -0.18 0.00	32.52 -0.06 0.00
SITHE____OGDNSBRG 24021	21.60 0.14 0.00	20.96 0.22 0.00	19.08 0.21 0.00	18.16 0.26 0.00	18.18 0.25 0.00	20.89 0.31 0.00	26.55 0.33 0.00	27.31 0.10 0.00	29.13 0.01 0.00	27.19 -0.02 0.00	22.18 -0.10 0.00	21.95 -0.11 0.00	28.37 -0.26 0.00	34.52 -0.11 0.00	30.04 0.07 0.00	29.77 -0.02 0.00	46.36 -0.07 0.00	41.42 -0.10 0.00	56.99 0.11 0.00	59.27 0.20 0.00	39.03 0.19 0.00	35.32 0.15 0.00	28.51 0.18 0.00	32.96 0.38 0.00
SITHE____STERLING 23777	21.93 0.48 0.00	21.11 0.37 0.00	19.12 0.24 0.00	18.17 0.27 0.00	18.22 0.28 0.00	20.97 0.39 0.00	26.85 0.63 0.00	27.93 0.72 0.00	29.87 0.74 0.00	27.88 0.67 0.00	22.83 0.55 0.00	22.61 0.55 0.00	29.47 0.66 -0.17	35.41 0.78 0.00	30.62 0.65 0.00	30.43 0.65 0.00	47.51 1.08 0.00	42.47 0.95 0.00	58.30 1.42 0.00	60.79 1.69 -0.02	40.06 1.22 0.00	36.28 1.11 0.00	29.16 0.82 0.00	33.47 0.89 0.00
SLEIGHT__34_KV_TB1 80719	21.90 0.44 0.00	21.06 0.32 0.00	19.15 0.27 0.00	18.12 0.22 0.00	18.16 0.23 0.00	20.86 0.28 0.00	26.78 0.56 0.00	27.89 0.67 0.00	29.86 0.74 0.00	27.98 0.78 0.00	22.90 0.62 0.00	22.64 0.58 0.00	29.75 0.77 -0.34	35.46 0.83 0.00	30.57 0.61 0.00	30.41 0.63 0.00	47.41 0.99 0.00	42.50 0.98 0.00	58.14 1.26 0.00	60.49 1.37 -0.04	39.69 0.85 0.00	36.02 0.85 0.00	28.93 0.59 0.00	33.31 0.73 0.00
SOUTH CAIRO____GT 23612	22.62 1.17 0.00	21.87 1.14 0.00	19.97 1.09 0.00	18.89 0.99 0.00	18.94 1.01 0.00	21.79 1.21 0.00	27.77 1.55 0.00	28.77 1.56 0.00	30.67 1.55 0.00	28.37 1.16 0.00	23.74 0.87 -0.60	23.02 0.96 0.00	30.15 1.52 0.00	36.40 1.77 0.00	31.81 1.84 0.00	31.25 1.46 0.00	48.96 2.53 0.00	44.15 2.63 0.00	60.33 3.45 0.00	62.98 3.90 0.00	41.68 2.83 0.00	37.56 2.39 0.00	30.19 1.85 0.00	34.45 1.88 0.00
SOUTH HAMPTN____IC 23720	36.73 2.60 -12.68	23.02 2.28 0.00	21.05 2.18 0.00	19.77 1.87 0.00	19.91 1.97 0.00	22.79 2.20 0.00	28.92 2.69 0.00	29.93 2.72 0.00	32.66 3.54 -0.01	30.33 2.91 -0.21	36.52 2.60 -11.65	24.75 2.69 0.00	32.10 3.46 0.00	44.58 4.34 -5.62	34.44 3.63 -0.84	41.01 3.88 -7.35	52.55 6.12 0.00	59.62 5.80 -12.30	66.08 7.36 -1.85	66.20 7.12 0.00	44.20 4.48 -0.87	39.00 3.83 0.00	31.42 3.07 0.00	35.83 3.25 0.00
SOUTHDOW_115KV_TB1 355954	21.97 0.52 0.00	21.02 0.28 0.00	19.06 0.18 0.00	18.08 0.19 0.00	18.12 0.19 0.00	20.80 0.22 0.00	26.77 0.55 0.00	27.97 0.76 0.00	29.92 0.80 0.00	28.35 1.14 0.00	23.02 0.74 0.00	22.54 0.48 0.00	29.21 0.57 0.00	34.95 0.32 0.00	30.14 0.17 0.00	30.01 0.23 0.00	47.06 0.63 0.00	41.87 0.35 0.00	58.00 1.12 0.00	60.23 1.15 0.00	39.50 0.66 0.00	36.04 0.87 0.00	29.01 0.67 0.00	33.77 1.19 0.00
SOUTHOLD_69_KV_BK 2 55809	37.20 3.07 -12.68	23.44 2.70 0.00	21.41 2.53 0.00	20.07 2.17 0.00	20.25 2.32 0.00	23.22 2.64 0.00	29.44 3.22 0.00	30.53 3.32 0.00	33.35 4.23 0.00	31.04 3.63 -0.21	37.14 3.23 -11.64	25.36 3.30 0.00	32.92 4.28 0.00	45.60 5.36 -5.61	35.25 4.45 -0.84	41.87 4.73 -7.35	53.98 7.55 0.00	60.94 7.13 -12.30	67.86 9.14 -1.84	68.02 8.94 0.00	45.32 5.61 -0.87	40.00 4.83 0.00	32.18 3.84 0.00	36.63 4.05 0.00

SOUTHOLD___IC 23719	37.20 3.07 -12.68	23.44 2.70 0.00	21.48 2.60 0.00	20.13 2.23 0.00	20.29 2.35 0.00	23.22 2.64 0.00	29.44 3.22 0.00	30.53 3.32 0.00	33.36 4.23 -0.01	31.04 3.63 -0.21	37.15 3.23 -11.65	25.36 3.30 0.00	32.92 4.28 0.00	45.61 5.36 -5.62	35.26 4.45 -0.84	41.87 4.74 -7.35	53.98 7.55 0.00	60.95 7.13 -12.30	67.86 9.14 -1.85	68.02 8.94 0.00	45.32 5.61 -0.87	40.00 4.83 0.00	32.18 3.84 0.00	36.63 4.05 0.00
SPIERFLS_115KV_TB 1 80737	22.27 0.81 0.00	21.48 0.75 0.00	19.54 0.66 0.00	18.47 0.58 0.00	18.53 0.60 0.00	21.39 0.80 0.00	27.29 1.07 0.00	28.14 0.93 0.00	30.11 0.99 0.00	28.14 0.93 -0.75	23.58 0.55 0.00	22.83 0.77 0.00	29.79 1.15 0.00	35.93 1.30 0.00	30.96 0.99 0.00	30.73 0.94 0.00	47.96 1.53 0.00	43.04 1.53 0.00	59.69 2.82 0.00	62.28 3.20 0.00	41.10 2.25 0.00	36.92 1.75 0.00	29.62 1.28 0.00	33.91 1.34 0.00
ST LAWRENCE___ 23600	21.11 -0.34 0.00	20.50 -0.23 0.00	18.70 -0.18 0.00	17.74 -0.15 0.00	17.77 -0.16 0.00	20.39 -0.19 0.00	25.88 -0.34 0.00	26.81 -0.40 0.00	28.72 -0.40 0.00	26.82 -0.39 0.00	21.89 -0.38 0.00	21.66 -0.40 0.00	28.04 -0.59 0.00	34.04 -0.59 0.00	29.58 -0.39 0.00	29.37 -0.42 0.00	45.73 -0.70 0.00	40.86 -0.66 0.00	56.22 -0.66 0.00	58.37 -0.70 0.00	38.29 -0.55 0.00	34.67 -0.50 0.00	27.94 -0.40 0.00	32.23 -0.35 0.00
STATE_CA_115KV_115_LB 55624	21.99 0.53 0.00	21.26 0.52 0.00	19.37 0.50 0.00	18.34 0.45 0.00	18.39 0.45 0.00	21.11 0.53 0.00	26.93 0.71 0.00	27.92 0.71 0.00	29.89 0.77 0.00	27.89 0.68 0.00	23.65 0.59 -0.79	22.74 0.67 0.00	29.60 0.97 0.00	35.77 1.15 0.00	30.89 0.93 0.00	30.66 0.87 0.00	47.82 1.39 0.00	42.82 1.30 0.00	58.55 1.67 0.00	60.87 1.79 0.00	40.12 1.27 0.00	36.17 1.00 0.00	29.16 0.81 0.00	33.37 0.79 0.00
STATE_ST_34_KV_LOAD 55959	21.69 0.23 0.00	20.92 0.18 0.00	19.11 0.23 0.00	18.00 0.10 0.00	18.11 0.18 0.00	20.77 0.19 0.00	26.54 0.32 0.00	27.60 0.38 0.00	29.51 0.39 0.00	27.54 0.34 0.00	22.56 0.29 0.00	22.33 0.27 0.00	29.53 0.39 -0.51	35.11 0.48 0.00	30.22 0.25 0.00	30.09 0.30 0.00	46.93 0.51 0.00	41.91 0.39 0.00	57.32 0.45 0.00	59.69 0.55 -0.06	39.22 0.37 0.00	35.65 0.49 0.00	28.70 0.36 0.00	32.98 0.40 0.00
STATION 5_MISC_HYD 23604	21.74 0.28 0.00	20.87 0.13 0.00	18.95 0.07 0.00	17.97 0.07 0.00	17.94 0.01 0.00	20.58 -0.01 0.00	26.33 0.10 0.00	27.41 0.19 0.00	29.31 0.19 0.00	27.56 0.35 0.00	22.51 0.24 0.00	22.18 0.11 0.00	28.75 0.11 0.00	34.53 -0.14 0.00	29.83 -0.18 0.00	29.61 -0.18 0.00	46.19 -0.23 0.00	41.34 -0.18 0.00	56.75 -0.12 0.00	59.01 -0.07 0.00	38.80 -0.05 0.00	35.25 0.08 0.00	28.44 0.10 0.00	32.92 0.34 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.72 0.27 0.00	20.86 0.12 0.00	18.94 0.07 0.00	17.96 0.07 0.00	17.97 0.04 0.00	20.63 0.05 0.00	26.40 0.18 0.00	27.53 0.31 0.00	29.43 0.31 0.00	27.65 0.44 0.00	22.58 0.31 0.00	22.27 0.20 0.00	29.03 0.28 -0.11	34.79 0.16 0.00	30.08 0.11 0.00	29.87 0.08 0.00	46.53 0.10 0.00	41.69 0.17 0.00	57.24 0.36 0.00	59.54 0.45 -0.01	39.11 0.26 0.00	35.48 0.31 0.00	28.57 0.23 0.00	32.95 0.37 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.58 0.13 0.00	20.73 -0.01 0.00	18.83 -0.05 0.00	17.85 -0.05 0.00	17.83 -0.10 0.00	20.45 -0.14 0.00	26.16 -0.06 0.00	27.25 0.03 0.00	29.15 0.03 0.00	27.42 0.21 0.00	22.39 0.12 0.00	22.07 0.01 0.00	28.62 -0.02 0.00	34.38 -0.24 0.00	29.71 -0.25 0.00	29.50 -0.28 0.00	45.99 -0.43 0.00	41.18 -0.33 0.00	56.54 -0.33 0.00	58.79 -0.28 0.00	38.63 -0.22 0.00	35.07 -0.10 0.00	28.28 -0.06 0.00	32.71 0.13 0.00
STA_56___34_KV_BUS2 355983	21.58 0.13 0.00	20.73 -0.01 0.00	18.83 -0.05 0.00	17.85 -0.05 0.00	17.83 -0.10 0.00	20.45 -0.14 0.00	26.16 -0.06 0.00	27.25 0.03 0.00	29.15 0.03 0.00	27.42 0.21 0.00	22.39 0.12 0.00	22.07 0.01 0.00	28.62 -0.02 0.00	34.38 -0.24 0.00	29.71 -0.25 0.00	29.50 -0.28 0.00	45.99 -0.43 0.00	41.18 -0.33 0.00	56.54 -0.33 0.00	58.79 -0.28 0.00	38.63 -0.22 0.00	35.07 -0.10 0.00	28.28 -0.06 0.00	32.71 0.13 0.00
STA_67___115KV_BK2 355882	21.68 0.23 0.00	20.83 0.09 0.00	18.93 0.05 0.00	17.94 0.04 0.00	17.91 -0.02 0.00	20.53 -0.05 0.00	26.27 0.05 0.00	27.35 0.13 0.00	29.24 0.12 0.00	27.50 0.29 0.00	22.45 0.18 0.00	22.12 0.06 0.00	28.67 0.04 0.00	34.44 -0.19 0.00	29.74 -0.22 0.00	29.54 -0.25 0.00	46.07 -0.36 0.00	41.22 -0.30 0.00	56.58 -0.29 0.00	58.84 -0.23 0.00	38.69 -0.15 0.00	35.15 -0.02 0.00	28.37 0.03 0.00	32.84 0.26 0.00
STA_7___115KV_9TRANS 80674	21.84 0.39 0.00	20.97 0.24 0.00	19.05 0.18 0.00	18.06 0.16 0.00	18.03 0.10 0.00	20.67 0.08 0.00	26.45 0.23 0.00	27.53 0.32 0.00	29.45 0.32 0.00	27.70 0.49 0.00	22.63 0.35 0.00	22.29 0.23 0.00	28.91 0.27 0.00	34.73 0.10 0.00	30.01 0.04 0.00	29.80 0.02 0.00	46.46 0.03 0.00	41.60 0.08 0.00	57.16 0.28 0.00	59.42 0.35 0.00	39.06 0.22 0.00	35.47 0.30 0.00	28.60 0.26 0.00	33.09 0.51 0.00
STA_82___115KV_TB1 80780	21.69 0.24 0.00	20.84 0.10 0.00	18.93 0.05 0.00	17.94 0.04 0.00	17.92 -0.01 0.00	20.54 -0.04 0.00	26.29 0.07 0.00	27.37 0.15 0.00	29.26 0.14 0.00	27.51 0.30 0.00	22.46 0.19 0.00	22.13 0.07 0.00	28.69 0.05 0.00	34.46 -0.17 0.00	29.77 -0.20 0.00	29.55 -0.24 0.00	46.09 -0.34 0.00	41.24 -0.28 0.00	56.62 -0.25 0.00	58.88 -0.20 0.00	38.72 -0.13 0.00	35.18 0.01 0.00	28.38 0.04 0.00	32.86 0.28 0.00
STEEL___WIND 323596	21.81 0.36 0.00	20.87 0.14 0.00	18.91 0.03 0.00	17.97 0.07 0.00	17.91 -0.02 0.00	20.52 -0.07 0.00	26.33 0.11 0.00	27.46 0.25 0.00	29.31 0.18 0.00	27.68 0.46 0.00	22.51 0.23 0.00	22.12 0.05 0.00	28.68 0.04 0.00	34.33 -0.30 0.00	29.60 -0.36 0.00	29.39 -0.40 0.00	46.04 -0.39 0.00	40.96 -0.56 0.00	56.19 -0.69 0.00	58.45 -0.62 0.00	38.42 -0.43 0.00	35.06 -0.11 0.00	28.40 0.06 0.00	33.10 0.52 0.00
STEPHTWN_115KV_BK_2 55603	22.06 0.61 0.00	21.31 0.57 0.00	19.39 0.51 0.00	18.35 0.45 0.00	18.43 0.49 0.00	21.15 0.57 0.00	27.11 0.89 0.00	28.08 0.87 0.00	29.96 0.84 0.00	27.96 0.75 -0.79	23.74 0.68 0.00	22.82 0.75 0.00	29.78 1.14 0.00	36.01 1.38 0.00	31.01 1.05 0.00	30.86 1.08 0.00	48.17 1.74 0.00	43.12 1.60 0.00	58.88 2.00 0.00	61.24 2.16 0.00	40.34 1.49 0.00	36.29 1.12 0.00	29.28 0.94 0.00	33.59 1.02 0.00
STEUBEN_REC_LFGE 323667	21.91 0.46 0.00	20.88 0.14 0.00	18.96 0.08 0.00	18.09 0.19 0.00	18.12 0.19 0.00	20.79 0.21 0.00	26.55 0.33 0.00	27.60 0.38 0.00	29.59 0.46 0.00	27.86 0.65 0.00	22.42 0.15 0.00	22.00 -0.06 0.00	28.73 -0.06 -0.15	34.52 -0.11 0.00	29.78 -0.19 0.00	29.75 -0.03 0.00	47.17 0.74 0.00	41.84 0.33 0.00	57.73 0.85 0.00	60.16 1.07 -0.02	39.60 0.75 0.00	36.05 0.88 0.00	29.02 0.68 0.00	33.62 1.04 0.00

STONY___BROOK 24151	36.24 2.11 -12.68	22.57 1.83 0.00	20.62 1.74 0.00	19.38 1.48 0.00	19.51 1.58 0.00	22.36 1.78 0.00	28.52 2.30 0.00	29.60 2.39 0.00	32.14 3.01 -0.01	29.88 2.47 -0.21	36.20 2.29 -11.65	24.41 2.35 0.00	31.63 2.99 0.00	43.93 3.69 -5.62	33.81 3.00 -0.84	40.34 3.21 -7.35	51.44 5.01 0.00	58.55 4.73 -12.30	64.67 5.95 -1.85	64.79 5.71 0.00	43.35 3.64 -0.87	38.30 3.13 0.00	30.99 2.65 0.00	35.40 2.82 0.00
STURGEON_POOL_HYD 23609	22.55 1.10 0.00	21.63 0.89 0.00	19.63 0.75 0.00	18.59 0.69 0.00	18.62 0.68 0.00	21.40 0.81 0.00	27.48 1.26 0.00	28.66 1.45 0.00	30.81 1.69 0.00	28.82 1.61 0.00	23.75 1.48 0.00	23.63 1.57 0.00	30.70 2.06 0.00	36.98 2.35 0.00	31.93 1.96 0.00	31.94 2.16 0.00	49.82 3.39 0.00	44.58 3.06 0.00	60.67 3.79 0.00	62.65 3.57 0.00	41.12 2.27 0.00	37.20 2.03 0.00	29.94 1.60 0.00	34.22 1.65 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.41 0.95 0.00	21.51 0.78 0.00	19.54 0.66 0.00	18.50 0.61 0.00	18.54 0.60 0.00	21.31 0.72 0.00	27.33 1.10 0.00	28.45 1.23 0.00	30.54 1.42 0.00	28.54 1.34 0.00	20.31 1.23 3.19	23.39 1.32 0.00	30.40 1.76 0.00	36.66 2.03 0.00	31.69 1.72 0.00	31.61 1.82 0.00	49.39 2.97 0.00	44.23 2.72 0.00	60.21 3.34 0.00	62.18 3.11 0.00	40.82 1.97 0.00	36.89 1.72 0.00	29.68 1.34 0.00	33.98 1.40 0.00
SWANROAD_115KV_TB1 355699	21.32 -0.14 0.00	20.43 -0.31 0.00	18.56 -0.32 0.00	17.60 -0.30 0.00	17.52 -0.41 0.00	20.04 -0.54 0.00	25.72 -0.50 0.00	26.71 -0.51 0.00	28.51 -0.62 0.00	26.90 -0.31 0.00	21.89 -0.38 0.00	21.50 -0.56 0.00	27.82 -0.81 0.00	33.19 -1.44 0.00	28.64 -1.33 0.00	28.40 -1.38 0.00	44.44 -1.98 0.00	39.47 -2.05 0.00	54.20 -2.68 0.00	56.41 -2.67 0.00	37.15 -1.70 0.00	33.92 -1.26 0.00	27.58 -0.76 0.00	32.22 -0.36 0.00
SYNERGY___BIOGAS 323694	22.13 0.68 0.00	21.18 0.44 0.00	19.21 0.33 0.00	18.23 0.33 0.00	18.17 0.23 0.00	20.84 0.26 0.00	26.80 0.58 0.00	27.90 0.68 0.00	29.80 0.67 0.00	28.03 0.82 0.00	22.88 0.61 0.00	22.45 0.38 0.00	29.13 0.49 0.00	34.91 0.28 0.00	30.12 0.15 0.00	29.80 0.02 0.00	47.05 0.63 0.00	41.62 0.10 0.00	57.15 0.27 0.00	59.65 0.57 0.00	39.28 0.43 0.00	35.79 0.62 0.00	28.92 0.58 0.00	33.58 1.00 0.00
SYRACUSE___ENERGY_ST1 323597	21.46 0.00 0.00	20.67 -0.07 0.00	18.79 -0.09 0.00	17.82 -0.08 0.00	17.85 -0.09 0.00	20.50 -0.09 0.00	26.17 -0.05 0.00	27.22 0.00 0.00	29.13 0.01 0.00	27.27 0.06 0.00	22.31 0.04 0.00	22.06 0.00 0.00	29.18 -0.03 -0.57	34.64 0.01 0.00	29.86 -0.10 0.00	29.65 -0.13 0.00	46.25 -0.18 0.00	41.39 -0.13 0.00	56.63 -0.24 0.00	58.95 -0.20 -0.07	38.73 -0.12 0.00	35.11 -0.07 0.00	28.26 -0.08 0.00	32.50 -0.08 0.00
SYRACUSE___ENERGY_ST2 323598	21.46 0.00 0.00	20.67 -0.07 0.00	18.79 -0.09 0.00	17.82 -0.08 0.00	17.85 -0.09 0.00	20.50 -0.09 0.00	26.17 -0.05 0.00	27.22 0.00 0.00	29.13 0.01 0.00	27.27 0.06 0.00	22.31 0.04 0.00	22.06 0.00 0.00	29.18 -0.03 -0.57	34.64 0.01 0.00	29.86 -0.10 0.00	29.65 -0.13 0.00	46.25 -0.18 0.00	41.39 -0.13 0.00	56.63 -0.24 0.00	58.95 -0.20 -0.07	38.73 -0.12 0.00	35.11 -0.07 0.00	28.26 -0.08 0.00	32.50 -0.08 0.00
SYRACUSE___POWER 24017	21.46 0.01 0.00	20.66 -0.08 0.00	18.77 -0.11 0.00	17.81 -0.09 0.00	17.84 -0.09 0.00	20.50 -0.09 0.00	26.17 -0.05 0.00	27.21 0.00 0.00	29.08 -0.05 0.00	27.20 0.00 0.00	22.25 -0.03 0.00	21.99 -0.07 0.00	28.93 -0.08 -0.37	34.52 -0.11 0.00	29.83 -0.14 0.00	29.62 -0.16 0.00	46.21 -0.22 0.00	41.33 -0.19 0.00	56.59 -0.28 0.00	58.90 -0.22 -0.04	38.70 -0.14 0.00	35.07 -0.10 0.00	28.23 -0.11 0.00	32.47 -0.11 0.00
TALLMAN___138KV_BK151 55660	22.53 1.08 0.00	21.62 0.88 0.00	19.62 0.75 0.00	18.57 0.68 0.00	18.61 0.67 0.00	21.40 0.81 0.00	27.46 1.24 0.00	28.61 1.39 0.00	30.73 1.61 0.00	28.74 1.53 0.00	19.29 1.42 4.39	23.59 1.53 0.00	30.67 2.03 0.00	36.97 2.34 0.00	31.95 1.99 0.00	31.89 2.11 0.00	49.86 3.43 0.00	44.63 3.11 0.00	60.69 3.81 0.00	62.58 3.50 0.00	41.03 2.19 0.00	37.07 1.90 0.00	29.82 1.48 0.00	34.15 1.57 0.00
TEALLAVE_115KV_TB7 355573	21.36 -0.09 0.00	20.57 -0.17 0.00	18.69 -0.19 0.00	17.73 -0.16 0.00	17.76 -0.17 0.00	20.40 -0.19 0.00	26.04 -0.18 0.00	27.07 -0.14 0.00	28.94 -0.18 0.00	27.07 -0.14 0.00	22.13 -0.14 0.00	21.87 -0.20 0.00	28.69 -0.25 -0.30	34.30 -0.33 0.00	29.65 -0.32 0.00	29.45 -0.34 0.00	45.92 -0.51 0.00	41.07 -0.45 0.00	56.24 -0.64 0.00	58.50 -0.62 -0.04	38.45 -0.40 0.00	34.84 -0.33 0.00	28.05 -0.29 0.00	32.28 -0.30 0.00
TELGRAPH_34_KV_EAST 80808	21.77 0.32 0.00	20.86 0.12 0.00	18.94 0.06 0.00	17.96 0.06 0.00	17.90 -0.04 0.00	20.48 -0.10 0.00	26.31 0.08 0.00	27.37 0.15 0.00	29.24 0.12 0.00	27.57 0.36 0.00	22.47 0.19 0.00	22.07 0.01 0.00	28.58 -0.05 0.00	34.17 -0.46 0.00	29.48 -0.48 0.00	29.22 -0.56 0.00	46.16 -0.27 0.00	40.74 -0.78 0.00	55.90 -0.97 0.00	58.20 -0.88 0.00	38.31 -0.54 0.00	34.93 -0.24 0.00	28.31 -0.03 0.00	32.98 0.40 0.00
TEMPLE___115KV_TB 2 55572	21.37 -0.08 0.00	20.59 -0.15 0.00	18.70 -0.17 0.00	17.75 -0.15 0.00	17.77 -0.16 0.00	20.42 -0.17 0.00	26.05 -0.17 0.00	27.09 -0.12 0.00	28.95 -0.17 0.00	27.08 -0.13 0.00	22.14 -0.13 0.00	21.88 -0.18 0.00	28.71 -0.22 -0.30	34.32 -0.31 0.00	29.67 -0.30 0.00	29.48 -0.31 0.00	45.97 -0.46 0.00	41.11 -0.40 0.00	56.29 -0.59 0.00	58.54 -0.58 -0.04	38.47 -0.37 0.00	34.86 -0.31 0.00	28.06 -0.28 0.00	32.29 -0.28 0.00
TIANA___69_KV_BK 1 55817	36.63 2.50 -12.68	22.91 2.17 0.00	20.92 2.04 0.00	19.63 1.74 0.00	19.79 1.86 0.00	22.69 2.11 0.00	28.79 2.57 0.00	29.80 2.59 0.00	32.51 3.39 0.00	30.17 2.75 -0.21	36.37 2.46 -11.64	24.60 2.54 0.00	31.90 3.26 0.00	44.34 4.10 -5.61	34.23 3.43 -0.84	40.80 3.67 -7.35	52.23 5.80 0.00	59.33 5.51 -12.30	65.70 6.98 -1.84	65.83 6.75 0.00	43.97 4.25 -0.87	38.80 3.63 0.00	31.26 2.92 0.00	35.65 3.08 0.00
TILDEN___115KV_TB1 80814	21.46 0.01 0.00	20.66 -0.08 0.00	18.77 -0.11 0.00	17.81 -0.09 0.00	17.84 -0.09 0.00	20.50 -0.09 0.00	26.17 -0.05 0.00	27.21 0.00 0.00	29.08 -0.05 0.00	27.20 0.00 0.00	22.25 -0.03 0.00	21.99 -0.07 0.00	28.93 -0.08 -0.37	34.52 -0.11 0.00	29.83 -0.14 0.00	29.62 -0.16 0.00	46.21 -0.22 0.00	41.33 -0.19 0.00	56.59 -0.28 0.00	58.90 -0.22 -0.04	38.70 -0.14 0.00	35.07 -0.10 0.00	28.23 -0.11 0.00	32.47 -0.11 0.00
TRIGEN___CC 323695	35.68 1.56 -12.67	22.05 1.31 0.00	20.04 1.17 0.00	18.92 1.02 0.00	19.01 1.08 0.00	21.84 1.25 0.00	27.99 1.77 0.00	29.15 1.94 0.00	31.46 2.34 0.00	29.42 2.00 -0.21	35.84 1.92 -11.64	24.02 1.95 0.00	31.16 2.53 0.00	43.26 3.02 -5.61	33.36 2.55 -0.84	39.81 2.67 -7.35	50.58 4.15 0.00	57.62 3.81 -12.30	63.42 4.70 -1.84	63.59 4.52 0.00	42.66 2.94 -0.87	37.77 2.60 0.00	30.43 2.10 0.00	34.78 2.20 0.00

TRINITY__115KV__4 BK 55933	21.91 0.46 0.00	21.19 0.45 0.00	19.32 0.45 0.00	18.29 0.39 0.00	18.33 0.40 0.00	21.05 0.46 0.00	26.84 0.62 0.00	27.80 0.59 0.00	29.76 0.64 0.00	27.75 0.54 0.00	23.54 0.48 -0.80	22.62 0.55 0.00	29.44 0.81 0.00	35.57 0.94 0.00	30.71 0.75 0.00	30.47 0.68 0.00	47.50 1.07 0.00	42.55 1.04 0.00	58.22 1.34 0.00	60.54 1.47 0.00	39.91 1.06 0.00	35.99 0.82 0.00	29.03 0.69 0.00	33.23 0.65 0.00
UNION__PROCESSING_DRP 323587	21.70 0.25 0.00	20.85 0.11 0.00	18.94 0.06 0.00	17.95 0.05 0.00	17.92 -0.01 0.00	20.55 -0.04 0.00	26.30 0.08 0.00	27.37 0.16 0.00	29.27 0.15 0.00	27.53 0.31 0.00	22.48 0.20 0.00	22.14 0.08 0.00	28.70 0.06 0.00	34.47 -0.15 0.00	29.78 -0.19 0.00	29.57 -0.22 0.00	46.11 -0.32 0.00	41.26 -0.26 0.00	56.64 -0.24 0.00	58.91 -0.16 0.00	38.74 -0.11 0.00	35.19 0.02 0.00	28.40 0.05 0.00	32.87 0.30 0.00
UPPER HUDSON__HYD 24058	22.26 0.81 0.00	21.48 0.74 0.00	19.55 0.68 0.00	18.48 0.58 0.00	18.54 0.61 0.00	21.39 0.80 0.00	27.29 1.07 0.00	28.14 0.93 0.00	30.11 0.99 0.00	28.14 0.92 0.00	23.58 0.55 -0.75	22.83 0.77 0.00	29.79 1.15 0.00	35.93 1.30 0.00	30.96 0.99 0.00	30.73 0.95 0.00	47.96 1.53 0.00	43.04 1.53 0.00	59.69 2.82 0.00	62.28 3.20 0.00	41.10 2.25 0.00	36.92 1.75 0.00	29.62 1.28 0.00	33.91 1.33 0.00
UPPER RAQUET__HYD 24056	21.25 -0.20 0.00	20.61 -0.12 0.00	18.74 -0.14 0.00	17.84 -0.06 0.00	17.86 -0.08 0.00	20.52 -0.06 0.00	26.11 -0.11 0.00	26.77 -0.45 0.00	28.50 -0.62 0.00	26.59 -0.62 0.00	21.67 -0.60 0.00	21.48 -0.59 0.00	27.81 -0.93 -0.10	33.78 -0.85 0.00	29.42 -0.54 0.00	29.07 -0.72 0.00	45.30 -1.12 0.00	40.57 -0.95 0.00	55.70 -1.18 0.00	57.94 -1.15 -0.01	38.21 -0.64 0.00	34.52 -0.65 0.00	28.00 -0.34 0.00	32.50 -0.07 0.00
VALLEY44_115KV_TB2 355964	21.70 0.24 0.00	20.78 0.04 0.00	18.83 -0.05 0.00	17.89 -0.01 0.00	17.89 -0.04 0.00	20.54 -0.04 0.00	26.42 0.20 0.00	27.57 0.35 0.00	29.47 0.35 0.00	27.85 0.65 0.00	22.56 0.28 0.00	22.04 -0.03 0.00	28.63 0.00 0.00	34.32 -0.31 0.00	29.56 -0.41 0.00	29.42 -0.37 0.00	46.22 -0.21 0.00	41.12 -0.39 0.00	56.20 -0.67 0.00	58.28 -0.80 0.00	38.22 -0.63 0.00	34.94 -0.23 0.00	28.22 -0.12 0.00	33.03 0.46 0.00
VALLEY__115KV_TB 1-4 80826	21.51 0.06 0.00	20.76 0.02 0.00	18.89 0.02 0.00	17.92 0.03 0.00	17.96 0.03 0.00	20.63 0.05 0.00	26.38 0.16 0.00	27.39 0.17 0.00	29.21 0.09 0.00	27.22 0.01 0.00	22.27 0.00 0.00	22.11 0.04 0.00	28.70 0.07 0.00	34.86 0.23 0.00	30.03 0.06 0.00	29.81 0.03 0.00	46.61 0.18 0.00	41.89 0.37 0.00	57.42 0.54 0.00	59.89 0.81 0.00	39.44 0.60 0.00	35.61 0.43 0.00	28.68 0.34 0.00	32.87 0.29 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.17 0.72 0.00	21.34 0.60 0.00	19.46 0.58 0.00	18.40 0.51 0.00	18.45 0.52 0.00	21.19 0.60 0.00	27.08 0.86 0.00	28.18 0.96 0.00	30.21 1.08 0.00	28.27 1.07 0.00	23.18 0.91 0.00	22.96 0.90 0.00	29.93 1.19 -0.10	36.01 1.38 0.00	31.17 1.20 0.00	31.01 1.23 0.00	48.34 1.91 0.00	43.20 1.69 0.00	59.06 2.18 0.00	61.33 2.25 -0.01	40.30 1.45 0.00	36.53 1.36 0.00	29.39 1.06 0.00	33.74 1.16 0.00
VISCHER__FERRY HYD 24020	22.29 0.83 0.00	21.57 0.83 0.00	19.67 0.79 0.00	18.63 0.73 0.00	18.66 0.72 0.00	21.45 0.86 0.00	27.27 1.05 0.00	28.16 0.95 0.00	30.14 1.02 0.00	28.08 0.87 0.00	23.77 0.70 -0.80	22.84 0.78 0.00	29.74 1.10 0.00	35.94 1.31 0.00	31.01 1.05 0.00	30.81 1.02 0.00	47.98 1.55 0.00	43.03 1.51 0.00	59.11 2.24 0.00	61.59 2.51 0.00	40.64 1.80 0.00	36.61 1.44 0.00	29.52 1.18 0.00	33.82 1.24 0.00
V_A_10_SYNC_DSASP 323832	21.45 -0.01 0.00	20.59 -0.15 0.00	18.70 -0.18 0.00	17.73 -0.16 0.00	17.69 -0.25 0.00	20.24 -0.34 0.00	25.94 -0.28 0.00	26.99 -0.22 0.00	28.85 -0.28 0.00	27.17 -0.04 0.00	22.13 -0.14 0.00	21.75 -0.31 0.00	28.16 -0.47 0.00	33.72 -0.91 0.00	29.08 -0.88 0.00	28.87 -0.92 0.00	45.11 -1.32 0.00	40.20 -1.31 0.00	55.18 -1.69 0.00	57.38 -1.69 0.00	37.76 -1.08 0.00	34.40 -0.77 0.00	27.87 -0.46 0.00	32.47 -0.11 0.00
V_CMM_10_SYNC_DSASP 323787	21.21 -0.24 0.00	20.59 -0.15 0.00	18.77 -0.11 0.00	17.82 -0.07 0.00	17.85 -0.08 0.00	20.48 -0.10 0.00	26.00 -0.22 0.00	26.94 -0.28 0.00	28.86 -0.27 0.00	26.95 -0.26 0.00	22.00 -0.27 0.00	21.76 -0.31 0.00	28.18 -0.46 0.00	34.20 -0.43 0.00	29.72 -0.25 0.00	29.52 -0.27 0.00	45.96 -0.46 0.00	41.07 -0.45 0.00	56.50 -0.38 0.00	58.64 -0.44 0.00	38.46 -0.38 0.00	34.82 -0.34 0.00	28.06 -0.27 0.00	32.38 -0.20 0.00
V_CMP_10_SYNC_DSASP 323788	21.42 -0.04 0.00	20.77 0.03 0.00	19.04 0.16 0.00	18.10 0.21 0.00	18.19 0.26 0.00	20.89 0.30 0.00	26.72 0.50 0.00	27.64 0.42 0.00	29.87 0.75 0.00	27.91 0.70 0.00	22.70 0.43 0.00	22.31 0.24 0.00	28.77 0.13 0.00	35.03 0.40 0.00	30.36 0.39 0.00	30.15 0.36 0.00	46.65 0.22 0.00	42.01 0.49 0.00	58.11 1.23 0.00	60.57 1.49 0.00	39.76 0.91 0.00	35.74 0.57 0.00	28.81 0.47 0.00	33.58 1.00 0.00
V_E_10_SYNC_DSASP 323830	22.96 1.51 0.00	22.04 1.30 0.00	19.94 1.06 0.00	18.90 1.01 0.00	18.93 1.00 0.00	21.88 1.30 0.00	28.05 1.83 0.00	29.29 2.08 0.00	31.32 2.20 0.00	29.07 1.87 0.00	23.66 1.39 0.00	23.34 1.28 0.00	30.77 1.91 -0.23	37.16 2.53 0.00	32.17 2.20 0.00	31.63 1.85 0.00	49.24 2.81 0.00	44.05 2.53 0.00	60.87 4.00 0.00	63.80 4.69 -0.03	41.99 3.15 0.00	38.08 2.90 0.00	30.49 2.15 0.00	35.04 2.47 0.00
V_F_30_NSYNC__DSASP 323816	22.50 1.04 0.00	21.74 1.00 0.00	19.80 0.93 0.00	18.74 0.85 0.00	18.79 0.86 0.00	21.62 1.03 0.00	27.56 1.34 0.00	28.52 1.30 0.00	30.48 1.36 0.00	28.43 1.22 0.00	23.96 0.93 -0.76	23.10 1.04 0.00	30.12 1.48 0.00	36.42 1.79 0.00	31.42 1.45 0.00	31.20 1.42 0.00	48.67 2.25 0.00	43.62 2.11 0.00	60.04 3.16 0.00	62.52 3.44 0.00	41.23 2.38 0.00	37.14 1.96 0.00	29.87 1.53 0.00	34.21 1.63 0.00
V_F_30_SYNC_DSASP 323786	21.98 0.53 0.00	21.25 0.52 0.00	19.37 0.49 0.00	18.34 0.45 0.00	18.38 0.45 0.00	21.11 0.53 0.00	26.93 0.71 0.00	27.92 0.70 0.00	29.89 0.77 0.00	27.89 0.68 0.00	23.65 0.59 -0.79	22.73 0.67 0.00	29.60 0.96 0.00	35.77 1.15 0.00	30.89 0.92 0.00	30.66 0.87 0.00	47.81 1.39 0.00	42.81 1.30 0.00	58.55 1.67 0.00	60.86 1.78 0.00	40.11 1.26 0.00	36.16 0.99 0.00	29.15 0.81 0.00	33.37 0.79 0.00
V_XM_10_SYNC_DSASP 323789	21.42 -0.04 0.00	20.77 0.03 0.00	19.04 0.16 0.00	18.10 0.21 0.00	18.19 0.26 0.00	20.89 0.30 0.00	26.72 0.50 0.00	27.64 0.42 0.00	29.87 0.75 0.00	27.91 0.70 0.00	22.70 0.43 0.00	22.31 0.24 0.00	28.77 0.13 0.00	35.03 0.40 0.00	30.36 0.39 0.00	30.15 0.36 0.00	46.65 0.22 0.00	42.01 0.49 0.00	58.11 1.23 0.00	60.57 1.49 0.00	39.76 0.91 0.00	35.74 0.57 0.00	28.81 0.47 0.00	33.58 1.00 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.73 1.27 0.00	21.79 1.06 0.00	19.78 0.91 0.00	18.72 0.82 0.00	18.72 0.79 0.00	21.49 0.90 0.00	27.58 1.36 0.00	28.73 1.52 0.00	30.88 1.75 0.00	28.87 1.67 0.00	19.10 1.53 4.70	23.70 1.64 0.00	30.82 2.18 0.00	37.16 2.53 0.00	32.12 2.15 0.00	32.05 2.27 0.00	50.11 3.68 0.00	44.86 3.34 0.00	61.00 4.12 0.00	62.91 3.84 0.00	41.25 2.40 0.00	37.27 2.10 0.00	29.97 1.63 0.00	34.31 1.73 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.69 1.24 0.00	21.76 1.02 0.00	19.78 0.90 0.00	18.72 0.82 0.00	18.75 0.82 0.00	21.56 0.97 0.00	27.67 1.45 0.00	28.87 1.65 0.00	31.03 1.91 0.00	29.06 1.85 0.00	27.48 1.71 -3.49	23.88 1.82 0.00	31.02 2.38 0.00	37.31 2.68 0.00	32.25 2.28 0.00	32.16 2.38 0.00	50.20 3.77 0.00	44.91 3.39 0.00	61.02 4.14 0.00	62.94 3.87 0.00	41.32 2.47 0.00	37.38 2.20 0.00	30.10 1.76 0.00	34.39 1.82 0.00
W50THST__13_KV_LOAD 356117	22.78 1.32 0.00	21.84 1.11 0.00	19.86 0.98 0.00	18.80 0.90 0.00	18.83 0.90 0.00	21.66 1.08 0.00	27.83 1.61 0.00	29.05 1.84 0.00	31.25 2.13 0.00	29.27 2.06 0.00	27.68 1.91 -3.49	24.10 2.03 0.00	31.30 2.66 0.00	37.65 3.02 0.00	32.53 2.56 0.00	32.43 2.65 0.00	50.61 4.19 0.00	45.25 3.73 0.00	61.45 4.57 0.00	63.34 4.26 0.00	41.56 2.71 0.00	37.60 2.43 0.00	30.28 1.95 0.00	34.59 2.01 0.00
WADING RIVER_IC_1 23522	36.39 2.27 -12.68	22.70 1.96 0.00	20.77 1.89 0.00	19.50 1.61 0.00	19.64 1.71 0.00	22.48 1.89 0.00	28.46 2.24 0.00	29.39 2.17 0.00	32.08 2.95 -0.01	29.67 2.26 -0.21	35.92 2.00 -11.65	24.14 2.08 0.00	31.27 2.63 0.00	43.56 3.32 -5.62	33.58 2.77 -0.84	40.15 3.02 -7.35	51.16 4.74 0.00	58.34 4.53 -12.30	64.39 5.67 -1.85	64.52 5.45 0.00	43.15 3.44 -0.87	38.08 2.91 0.00	30.72 2.38 0.00	35.07 2.49 0.00
WADING RIVER_IC_2 23547	36.39 2.27 -12.68	22.70 1.96 0.00	20.77 1.89 0.00	19.50 1.61 0.00	19.64 1.71 0.00	22.48 1.89 0.00	28.46 2.24 0.00	29.39 2.17 0.00	32.08 2.95 -0.01	29.67 2.26 -0.21	35.92 2.00 -11.65	24.14 2.08 0.00	31.27 2.63 0.00	43.56 3.32 -5.62	33.58 2.77 -0.84	40.15 3.02 -7.35	51.16 4.74 0.00	58.34 4.53 -12.30	64.39 5.67 -1.85	64.52 5.45 0.00	43.15 3.44 -0.87	38.08 2.91 0.00	30.72 2.38 0.00	35.07 2.49 0.00
WADING RIVER_IC_3 23601	36.39 2.27 -12.68	22.70 1.96 0.00	20.77 1.89 0.00	19.50 1.61 0.00	19.64 1.71 0.00	22.48 1.89 0.00	28.46 2.24 0.00	29.39 2.17 0.00	32.08 2.95 -0.01	29.67 2.26 -0.21	35.92 2.00 -11.65	24.14 2.08 0.00	31.27 2.63 0.00	43.56 3.32 -5.62	33.58 2.77 -0.84	40.15 3.02 -7.35	51.16 4.74 0.00	58.34 4.53 -12.30	64.39 5.67 -1.85	64.52 5.45 0.00	43.15 3.44 -0.87	38.08 2.91 0.00	30.72 2.38 0.00	35.07 2.49 0.00
WALDENNY_I2_KV_BK2 80841	21.82 0.36 0.00	20.88 0.14 0.00	18.95 0.07 0.00	17.98 0.09 0.00	17.93 -0.01 0.00	20.52 -0.06 0.00	26.34 0.12 0.00	27.44 0.23 0.00	29.33 0.21 0.00	27.72 0.52 0.00	22.54 0.26 0.00	22.16 0.09 0.00	28.71 0.08 0.00	34.37 -0.26 0.00	29.65 -0.31 0.00	29.44 -0.34 0.00	46.09 -0.34 0.00	40.98 -0.54 0.00	56.23 -0.65 0.00	58.47 -0.60 0.00	38.45 -0.40 0.00	35.09 -0.08 0.00	28.42 0.08 0.00	33.12 0.54 0.00
WALDEN___HYDRO 24148	22.61 1.15 0.00	21.70 0.96 0.00	19.73 0.85 0.00	18.65 0.76 0.00	18.70 0.76 0.00	21.49 0.91 0.00	27.55 1.34 0.00	28.68 1.47 0.00	30.75 1.63 0.00	28.70 1.49 0.00	22.83 1.35 0.79	23.49 1.43 0.00	30.56 1.93 0.00	36.83 2.20 0.00	31.82 1.85 0.00	31.76 1.98 0.00	49.67 3.24 0.00	44.56 3.04 0.00	60.82 3.94 0.00	62.94 3.86 0.00	41.34 2.50 0.00	37.35 2.18 0.00	30.04 1.70 0.00	34.33 1.76 0.00
WARRENSBURG____ 23737	22.26 0.81 0.00	21.48 0.74 0.00	19.55 0.68 0.00	18.48 0.58 0.00	18.54 0.61 0.00	21.39 0.80 0.00	27.29 1.07 0.00	28.14 0.93 0.00	30.11 0.99 0.00	28.14 0.92 0.00	23.58 0.55 -0.75	22.83 0.77 0.00	29.79 1.15 0.00	35.93 1.30 0.00	30.96 0.99 0.00	30.73 0.95 0.00	47.96 1.53 0.00	43.04 1.53 0.00	59.69 2.82 0.00	62.28 3.20 0.00	41.10 2.25 0.00	36.92 1.75 0.00	29.62 1.28 0.00	33.91 1.33 0.00
WATERSIDE___6 8 9 23538	22.74 1.29 0.00	21.80 1.07 0.00	19.81 0.93 0.00	18.75 0.85 0.00	18.78 0.85 0.00	21.60 1.01 0.00	27.71 1.49 0.00	28.90 1.69 0.00	31.07 1.95 0.00	29.10 1.89 0.00	27.50 1.73 -3.49	23.90 1.83 0.00	31.01 2.38 0.00	37.30 2.67 0.00	32.24 2.28 0.00	32.15 2.36 0.00	50.13 3.70 0.00	44.85 3.33 0.00	60.94 4.06 0.00	62.88 3.81 0.00	41.30 2.45 0.00	37.39 2.22 0.00	30.12 1.78 0.00	34.36 1.78 0.00
WATKINRD_115KV_LN8_ILLION 55919	21.50 0.04 0.00	20.75 0.01 0.00	18.89 0.01 0.00	17.90 0.00 0.00	17.94 0.01 0.00	20.61 0.02 0.00	26.31 0.09 0.00	27.33 0.12 0.00	29.17 0.06 0.00	27.19 -0.02 0.00	22.25 -0.02 0.00	22.09 0.02 0.00	28.69 0.06 0.00	34.77 0.14 0.00	30.02 0.05 0.00	29.83 0.05 0.00	46.55 0.12 0.00	41.76 0.24 0.00	57.23 0.35 0.00	59.61 0.53 0.00	39.26 0.41 0.00	35.48 0.31 0.00	28.57 0.23 0.00	32.74 0.16 0.00
WATSON___69_KV_BK 1 55734	36.36 2.23 -12.67	22.66 1.92 0.00	20.63 1.75 0.00	19.42 1.52 0.00	19.55 1.62 0.00	22.45 1.86 0.00	28.70 2.48 0.00	29.84 2.62 0.00	32.35 3.23 0.00	30.12 2.71 -0.21	36.46 2.54 -11.64	24.66 2.59 0.00	31.96 3.32 0.00	44.37 4.13 -5.61	34.26 3.45 -0.84	40.76 3.62 -7.35	52.01 5.58 0.00	59.04 5.23 -12.30	65.34 6.63 -1.84	65.51 6.43 0.00	43.85 4.14 -0.87	38.78 3.61 0.00	31.25 2.92 0.00	35.74 3.17 0.00
WDELAWARE___HYD 323627	22.27 0.81 0.00	21.35 0.61 0.00	19.41 0.53 0.00	18.35 0.45 0.00	18.39 0.46 0.00	21.14 0.55 0.00	27.13 0.91 0.00	28.24 1.02 0.00	30.28 1.16 0.00	28.27 1.06 0.00	22.74 0.96 0.50	23.11 1.05 0.00	29.95 1.31 0.00	35.35 0.72 0.00	30.54 0.57 0.00	30.53 0.75 0.00	47.82 1.40 0.00	42.78 1.27 0.00	58.37 1.49 0.00	60.42 1.34 0.00	39.78 0.93 0.00	36.84 1.67 0.00	29.59 1.25 0.00	33.79 1.22 0.00
WEST BABYLON___IC 23714	36.23 2.11 -12.67	22.55 1.81 0.00	20.52 1.64 0.00	19.32 1.43 0.00	19.44 1.51 0.00	22.33 1.74 0.00	28.57 2.35 0.00	29.73 2.52 0.00	32.20 3.08 0.00	30.01 2.60 -0.21	36.38 2.46 -11.64	24.56 2.49 0.00	31.84 3.20 0.00	44.20 3.96 -5.61	34.14 3.33 -0.84	40.62 3.49 -7.35	51.84 5.41 0.00	58.85 5.04 -12.30	65.08 6.36 -1.84	65.27 6.20 0.00	43.73 4.02 -0.87	38.67 3.50 0.00	31.16 2.82 0.00	35.60 3.02 0.00
WEST CANADA___HYD 24049	21.47 0.02 0.00	20.74 0.00 0.00	18.87 -0.01 0.00	17.88 -0.02 0.00	17.93 -0.01 0.00	20.58 0.00 0.00	26.25 0.03 0.00	27.24 0.03 0.00	29.14 0.02 0.00	27.22 0.01 0.00	22.29 0.02 0.00	22.09 0.03 0.00	28.69 0.06 0.00	34.67 0.04 0.00	30.00 0.04 0.00	29.83 0.04 0.00	46.50 0.08 0.00	41.58 0.06 0.00	56.94 0.07 0.00	59.20 0.12 0.00	38.93 0.08 0.00	35.25 0.07 0.00	28.40 0.06 0.00	32.63 0.05 0.00

WESTERN_NY_WIND 24143	22.12 0.66 0.00	21.17 0.43 0.00	19.19 0.31 0.00	18.21 0.31 0.00	18.15 0.22 0.00	20.83 0.24 0.00	26.77 0.55 0.00	27.87 0.66 0.00	29.77 0.64 0.00	28.00 0.80 0.00	22.85 0.58 0.00	22.41 0.35 0.00	29.08 0.44 0.00	34.86 0.23 0.00	30.07 0.10 0.00	29.76 -0.02 0.00	47.03 0.61 0.00	41.55 0.03 0.00	57.05 0.17 0.00	59.56 0.48 0.00	39.23 0.38 0.00	35.73 0.56 0.00	28.88 0.54 0.00	33.55 0.97 0.00
WESTOVER___LESR 323668	21.73 0.27 0.00	20.85 0.11 0.00	18.92 0.05 0.00	17.97 0.07 0.00	18.01 0.08 0.00	20.67 0.09 0.00	26.46 0.24 0.00	27.59 0.38 0.00	29.47 0.34 0.00	27.62 0.41 0.00	22.56 0.29 0.00	22.27 0.21 0.00	29.18 0.33 -0.21	34.95 0.32 0.00	30.25 0.29 0.00	30.07 0.28 0.00	47.00 0.57 0.00	41.93 0.41 0.00	57.29 0.42 0.00	59.58 0.48 -0.03	39.13 0.28 0.00	35.56 0.39 0.00	28.62 0.28 0.00	33.00 0.42 0.00
WETHRSFD_WT_PWR 323626	21.63 0.17 0.00	20.71 -0.03 0.00	18.77 -0.10 0.00	17.87 -0.03 0.00	17.83 -0.10 0.00	20.43 -0.16 0.00	26.15 -0.07 0.00	27.23 0.02 0.00	29.11 -0.01 0.00	27.43 0.23 0.00	22.19 -0.08 0.00	21.80 -0.27 0.00	28.31 -0.33 0.00	34.01 -0.62 0.00	29.36 -0.61 0.00	29.24 -0.55 0.00	46.03 -0.40 0.00	40.94 -0.58 0.00	56.19 -0.69 0.00	58.50 -0.58 0.00	38.47 -0.38 0.00	35.10 -0.08 0.00	28.37 0.03 0.00	32.99 0.41 0.00
WHAVSTOR_138KV_BK127 55557	22.51 1.06 0.00	21.60 0.86 0.00	19.61 0.74 0.00	18.56 0.67 0.00	18.60 0.67 0.00	21.39 0.81 0.00	27.45 1.23 0.00	28.59 1.38 0.00	30.70 1.58 0.00	28.71 1.51 0.00	18.90 1.39 4.76	23.56 1.50 0.00	30.62 1.99 0.00	36.90 2.28 0.00	31.90 1.93 0.00	31.82 2.04 0.00	49.73 3.30 0.00	44.53 3.01 0.00	60.55 3.67 0.00	62.46 3.38 0.00	40.97 2.12 0.00	37.03 1.86 0.00	29.80 1.46 0.00	34.12 1.54 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.51 1.06 0.00	21.60 0.86 0.00	19.61 0.74 0.00	18.56 0.67 0.00	18.60 0.67 0.00	21.39 0.81 0.00	27.45 1.23 0.00	28.59 1.38 0.00	30.70 1.58 0.00	28.71 1.51 0.00	18.90 1.39 4.76	23.56 1.50 0.00	30.62 1.99 0.00	36.90 2.28 0.00	31.90 1.93 0.00	31.82 2.04 0.00	49.73 3.30 0.00	44.53 3.01 0.00	60.55 3.67 0.00	62.46 3.38 0.00	40.97 2.12 0.00	37.03 1.86 0.00	29.80 1.46 0.00	34.12 1.54 0.00
WHITEHAL_115KV_TB1 80871	23.11 1.65 0.00	22.28 1.54 0.00	20.10 1.22 0.00	19.02 1.12 0.00	19.09 1.16 0.00	22.18 1.59 0.00	28.34 2.12 0.00	28.72 1.51 0.00	30.69 1.57 0.00	28.65 1.44 0.00	23.99 0.96 -0.76	23.21 1.15 0.00	30.43 1.79 0.00	36.93 2.30 0.00	31.69 1.73 0.00	31.40 1.61 0.00	48.96 2.53 0.00	44.08 2.56 0.00	61.66 4.78 0.00	64.78 5.70 0.00	42.71 3.86 0.00	38.12 2.95 0.00	30.71 2.37 0.00	35.13 2.55 0.00
WHITEPLN_13_KV_LOAD 356215	22.85 1.40 0.00	21.91 1.18 0.00	19.88 1.01 0.00	18.83 0.93 0.00	18.86 0.92 0.00	21.69 1.10 0.00	27.85 1.63 0.00	29.07 1.85 0.00	31.24 2.12 0.00	29.23 2.02 0.00	27.81 1.82 -3.71	23.99 1.93 0.00	31.17 2.53 0.00	37.57 2.94 0.00	32.48 2.51 0.00	32.41 2.63 0.00	50.63 4.21 0.00	45.33 3.81 0.00	61.65 4.77 0.00	63.59 4.52 0.00	41.72 2.87 0.00	37.70 2.53 0.00	30.33 1.99 0.00	34.64 2.07 0.00
WM_FLOYD_69_KV_BK2 356380	36.36 2.23 -12.68	22.68 1.94 0.00	20.68 1.80 0.00	19.44 1.55 0.00	19.59 1.65 0.00	22.46 1.87 0.00	28.56 2.34 0.00	29.59 2.38 0.00	32.19 3.07 0.00	29.85 2.43 -0.21	36.11 2.19 -11.64	24.32 2.26 0.00	31.50 2.87 0.00	43.82 3.58 -5.61	33.82 3.01 -0.84	40.38 3.25 -7.35	51.53 5.10 0.00	58.67 4.86 -12.30	64.88 6.16 -1.84	65.04 5.96 0.00	43.50 3.80 -0.87	38.41 3.24 0.00	30.99 2.65 0.00	35.38 2.81 0.00
WOODARD___115KV_TB2 355635	21.30 -0.15 0.00	20.52 -0.21 0.00	18.65 -0.23 0.00	17.69 -0.20 0.00	17.73 -0.21 0.00	20.35 -0.23 0.00	25.97 -0.25 0.00	27.00 -0.21 0.00	28.87 -0.25 0.00	27.02 -0.19 0.00	22.10 -0.17 0.00	21.85 -0.22 0.00	28.72 -0.30 -0.38	34.27 -0.36 0.00	29.60 -0.37 0.00	29.39 -0.39 0.00	45.83 -0.60 0.00	41.00 -0.52 0.00	56.14 -0.73 0.00	58.40 -0.72 -0.04	38.38 -0.47 0.00	34.79 -0.39 0.00	28.01 -0.33 0.00	32.22 -0.36 0.00
YORK___WARBASSE 23770	22.83 1.37 0.00	21.88 1.14 0.00	19.88 1.00 0.00	18.81 0.91 0.00	18.84 0.90 0.00	21.68 1.09 0.00	27.80 1.58 0.00	28.98 1.77 0.00	31.11 1.99 0.00	29.17 1.96 0.00	27.56 1.79 -3.49	23.97 1.91 0.00	31.11 2.48 0.00	37.44 2.82 0.00	32.34 2.37 0.00	32.26 2.47 0.00	50.30 3.87 0.00	45.01 3.49 0.00	61.12 4.24 0.00	63.10 4.02 0.00	41.43 2.58 0.00	37.54 2.37 0.00	30.27 1.93 0.00	34.48 1.91 0.00