

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/05/2026

ALBANY___2 23572	36.00 0.46 0.00	31.54 0.71 0.00	29.22 0.69 0.00	30.38 0.72 0.00	31.47 0.72 0.00	33.02 0.61 0.00	37.76 0.37 0.00	39.01 0.35 0.00	38.71 0.30 0.00	38.73 0.22 0.00	38.65 0.21 0.00	37.01 0.33 0.00	39.17 0.34 0.00	40.59 0.31 0.00	42.10 0.25 0.00	47.88 0.25 0.00	55.26 0.25 0.00	89.75 0.35 0.00	55.43 0.42 0.00	49.72 0.45 0.00	49.61 0.30 0.00	48.08 0.34 0.00	43.84 0.37 2.88	38.68 0.27 0.93
ALBANY___3 23573	36.00 0.46 0.00	31.54 0.71 0.00	29.22 0.69 0.00	30.38 0.72 0.00	31.47 0.72 0.00	33.02 0.61 0.00	37.76 0.37 0.00	39.01 0.35 0.00	38.71 0.30 0.00	38.73 0.22 0.00	38.65 0.21 0.00	37.01 0.33 0.00	39.17 0.34 0.00	40.59 0.31 0.00	42.10 0.25 0.00	47.88 0.25 0.00	55.26 0.25 0.00	89.75 0.35 0.00	55.43 0.42 0.00	49.72 0.45 0.00	49.61 0.30 0.00	48.08 0.34 0.00	43.84 0.37 2.88	38.68 0.27 0.93
ALBANY___4 23574	36.00 0.46 0.00	31.54 0.71 0.00	29.22 0.69 0.00	30.38 0.72 0.00	31.47 0.72 0.00	33.02 0.61 0.00	37.76 0.37 0.00	39.01 0.35 0.00	38.71 0.30 0.00	38.73 0.22 0.00	38.65 0.21 0.00	37.01 0.33 0.00	39.17 0.34 0.00	40.59 0.31 0.00	42.10 0.25 0.00	47.88 0.25 0.00	55.26 0.25 0.00	89.75 0.35 0.00	55.43 0.42 0.00	49.72 0.45 0.00	49.61 0.30 0.00	48.08 0.34 0.00	43.84 0.37 2.88	38.68 0.27 0.93
ALBANY___LFGE 323615	36.42 0.89 0.00	31.84 1.02 0.00	29.49 0.97 0.00	30.67 1.01 0.00	31.76 1.01 0.00	33.33 0.92 0.00	38.19 0.81 0.00	39.45 0.79 0.00	39.14 0.73 0.00	39.16 0.64 0.00	39.07 0.63 0.00	37.42 0.74 0.00	39.62 0.78 0.00	41.08 0.81 0.00	42.65 0.79 0.00	48.55 0.92 0.00	56.11 1.11 0.00	91.20 1.79 0.00	56.32 1.30 0.00	50.48 1.20 0.00	50.35 1.04 0.00	48.79 1.04 0.00	48.35 1.03 -0.97	40.46 0.80 -0.31
ALCOA_PA_115KV_PL-6C 55860	35.51 -0.03 0.00	30.82 0.00 0.00	28.49 -0.03 0.00	29.65 -0.01 0.00	30.78 0.04 0.00	32.55 0.13 0.00	37.57 0.18 0.00	38.91 0.25 0.00	38.76 0.36 0.00	38.90 0.38 0.00	38.80 0.36 0.00	36.91 0.24 0.00	38.99 0.16 0.00	40.50 0.23 0.00	42.06 0.21 0.00	47.71 0.08 0.00	54.77 -0.23 0.00	88.61 -0.80 0.00	54.48 -0.53 0.00	48.64 -0.64 0.00	48.93 -0.38 0.00	47.54 -0.21 0.00	46.15 -0.20 0.00	39.37 0.03 0.00
ALCOA_RYNLDS___DRP 24188	35.51 -0.03 0.00	30.82 -0.01 0.00	28.49 -0.03 0.00	29.65 -0.01 0.00	30.78 0.04 0.00	32.55 0.13 0.00	37.57 0.18 0.00	38.91 0.25 0.00	38.76 0.36 0.00	38.90 0.38 0.00	38.80 0.36 0.00	36.91 0.24 0.00	38.99 0.16 0.00	40.50 0.23 0.00	42.07 0.22 0.00	47.71 0.07 0.00	54.77 -0.23 0.00	88.61 -0.80 0.00	54.49 -0.53 0.00	48.64 -0.64 0.00	48.92 -0.38 0.00	47.54 -0.21 0.00	46.15 -0.20 0.00	39.37 0.03 0.00
ALCOA___DSASP 323711	35.51 -0.03 0.00	30.82 -0.01 0.00	28.49 -0.03 0.00	29.65 -0.01 0.00	30.78 0.04 0.00	32.55 0.13 0.00	37.57 0.18 0.00	38.91 0.25 0.00	38.76 0.36 0.00	38.90 0.38 0.00	38.80 0.36 0.00	36.91 0.24 0.00	38.99 0.16 0.00	40.50 0.23 0.00	42.07 0.22 0.00	47.71 0.07 0.00	54.77 -0.23 0.00	88.61 -0.80 0.00	54.49 -0.53 0.00	48.64 -0.64 0.00	48.92 -0.38 0.00	47.54 -0.21 0.00	46.15 -0.20 0.00	39.37 0.03 0.00
ALLEGHENY___COGEN 23514	35.48 -0.06 0.00	30.77 -0.05 0.00	28.26 -0.26 0.00	29.36 -0.30 0.00	30.42 -0.40 -0.08	34.23 -0.65 -2.47	79.34 -0.53 -42.48	83.38 -0.85 -45.57	53.67 -1.48 -16.75	37.14 -1.38 0.00	37.02 -1.42 0.00	36.59 -1.47 -1.38	77.28 -1.13 -39.58	88.76 -0.99 -49.48	84.02 -2.17 -44.34	72.95 -3.94 -29.25	102.69 -4.72 -52.40	146.11 -7.43 -64.14	66.92 -3.80 -15.71	47.72 -1.56 0.00	48.30 -1.00 0.00	46.67 -1.07 0.00	45.54 -0.82 0.00	41.14 1.79 0.00
ALTAMONT_115KV_TB 2 55880	36.27 0.72 0.00	31.59 0.76 0.00	29.26 0.74 0.00	30.43 0.77 0.00	31.51 0.76 0.00	33.12 0.70 0.00	38.08 0.69 0.00	39.33 0.67 0.00	39.01 0.61 0.00	39.04 0.52 0.00	38.97 0.53 0.00	37.29 0.61 0.00	39.48 0.65 0.00	40.92 0.64 0.00	42.45 0.60 0.00	48.30 0.66 0.00	55.80 0.80 0.00	90.74 1.34 0.00	55.98 0.96 0.00	50.26 0.98 0.00	50.18 0.87 0.00	48.57 0.83 0.00	45.68 0.83 1.50	39.49 0.63 0.49
ALTONA_WT_PWR 323606	35.20 -0.34 0.00	30.63 -0.20 0.00	28.38 -0.15 0.00	29.57 -0.10 0.00	30.67 -0.08 0.00	32.46 0.04 0.00	37.45 0.07 0.00	38.90 0.24 0.00	38.83 0.42 0.00	38.98 0.46 0.00	38.89 0.45 0.00	36.97 0.29 0.00	39.05 0.22 0.00	40.59 0.31 0.00	42.16 0.30 0.00	47.99 0.35 0.00	55.26 0.26 0.00	89.54 0.14 0.00	54.94 -0.07 0.00	49.15 -0.13 0.00	49.33 0.02 0.00	47.93 0.19 0.00	46.43 0.08 0.00	39.46 0.11 0.00
AMERICAN_REF_FUEL 24010	31.95 -3.59 0.00	28.23 -2.59 0.00	25.91 -2.62 0.00	26.88 -2.78 0.00	27.72 -3.01 0.02	28.37 -3.40 0.65	22.90 -3.37 11.12	23.34 -3.39 11.93	30.35 -3.67 4.39	34.88 -3.64 0.00	34.79 -3.65 0.00	32.78 -3.54 0.36	25.28 -3.25 10.30	24.06 -3.40 12.82	26.76 -3.61 11.48	36.10 -3.99 7.55	36.92 -4.51 13.57	65.37 -7.41 16.63	45.57 -5.37 4.09	44.72 -4.56 0.00	44.81 -4.50 0.00	43.36 -4.38 0.00	42.30 -4.06 0.00	36.78 -2.57 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.44 -2.10 0.00	29.12 -1.70 0.00	26.76 -1.76 0.00	27.56 -2.10 0.00	28.35 -2.37 0.02	29.01 -2.63 0.78	21.36 -2.64 13.39	21.83 -2.46 14.36	30.71 -2.42 5.28	36.58 -1.94 0.00	36.52 -1.91 0.00	34.36 -1.88 0.44	24.73 -1.60 12.50	22.87 -1.80 15.61	25.93 -1.94 13.99	36.73 -1.68 9.23	36.80 -1.68 16.53	66.94 -2.23 20.23	47.69 -2.38 4.95	48.05 -1.23 0.00	48.23 -1.08 0.00	46.24 -1.51 0.00	44.45 -1.91 0.00	37.80 -1.55 0.00
ARTHUR KILL_GT_1 23520	37.30 1.77 0.00	32.32 1.49 0.00	29.96 1.44 0.00	31.01 1.34 0.00	32.01 1.26 0.00	33.71 1.30 0.00	39.00 1.61 0.00	40.57 1.91 0.00	40.51 2.10 0.00	40.78 2.26 0.00	40.97 2.54 0.00	43.82 2.69 -4.45	55.32 2.96 -13.54	54.53 3.08 -11.18	55.11 3.22 -10.03	54.04 3.77 -2.64	59.66 4.65 0.00	96.71 7.31 0.00	59.42 4.40 0.00	53.61 4.33 0.00	52.91 3.60 0.00	50.50 2.75 0.00	49.12 2.77 0.00	41.43 2.08 0.00
ARTHUR_KILL_2 23512	37.20 1.66 0.00	32.23 1.40 0.00	29.87 1.35 0.00	30.92 1.26 0.00	31.92 1.17 0.00	33.62 1.20 0.00	38.88 1.50 0.00	40.46 1.81 0.00	40.39 1.99 0.00	40.67 2.15 0.00	40.86 2.42 0.00	43.71 2.58 -4.45	55.21 2.85 -13.54	54.40 2.94 -11.18	54.98 3.09 -10.03	53.85 3.58 -2.64	59.43 4.42 0.00	96.33 6.93 0.00	59.18 4.16 0.00	53.39 4.11 0.00	52.69 3.38 0.00	50.29 2.54 0.00	48.93 2.58 0.00	41.28 1.93 0.00
ARTHUR_KILL_3 23513	36.98 1.44 0.00	32.03 1.20 0.00	29.69 1.16 0.00	30.73 1.07 0.00	31.73 0.98 0.00	33.39 0.98 0.00	38.64 1.25 0.00	40.28 1.62 0.00	40.19 1.79 0.01	40.47 1.96 0.00	40.70 2.26 0.00	43.41 2.52 -4.21	54.25 2.90 -12.52	53.44 2.93 -10.24	54.29 3.16 -9.27	53.49 3.44 -2.42	59.29 4.29 0.00	96.64 7.24 0.00	59.20 4.18 0.00	53.18 3.90 0.00	52.51 3.20 0.00	50.11 2.36 0.00	48.65 2.29 0.00	41.06 1.71 0.00

ARTHUR_KILL_COGEN 323718	37.30 1.77 0.00	32.32 1.49 0.00	29.96 1.44 0.00	31.01 1.35 0.00	32.01 1.26 0.00	33.71 1.30 0.00	38.99 1.61 0.00	40.56 1.91 0.00	40.51 2.10 0.00	40.78 2.26 0.00	40.96 2.53 0.00	43.81 2.69 -4.45	55.33 2.96 -13.54	54.53 3.08 -11.18	55.12 3.23 -10.03	54.02 3.75 -2.64	59.64 4.63 0.00	96.70 7.29 0.00	59.40 4.38 0.00	53.61 4.33 0.00	52.91 3.60 0.00	50.49 2.75 0.00	49.12 2.77 0.00	41.43 2.08 0.00
ASHOKAN____ 23654	37.15 1.61 0.00	32.14 1.32 0.00	29.73 1.21 0.00	30.83 1.17 0.00	31.88 1.13 0.00	33.59 1.18 0.00	38.76 1.37 0.00	40.29 1.63 0.00	40.08 1.67 0.00	40.01 1.50 0.00	40.02 1.58 0.00	38.41 1.74 0.00	40.86 2.03 0.00	42.42 2.14 0.00	44.17 2.32 0.00	50.45 2.81 0.00	58.74 3.73 0.00	96.28 6.87 0.00	59.37 4.35 0.00	53.36 4.09 0.00	52.97 3.66 0.00	50.67 2.92 0.00	46.95 2.75 2.15	40.57 1.92 0.69
ASTORIA_EAST_ENERGY_CC1 323581	37.34 1.80 0.00	32.42 1.59 0.00	30.03 1.50 0.00	31.09 1.43 0.00	32.09 1.35 0.00	33.79 1.38 0.00	38.95 1.56 0.00	40.63 1.98 0.00	40.58 2.17 0.00	40.83 2.31 0.00	41.02 2.58 0.00	43.91 2.76 -4.47	55.18 3.05 -13.30	54.29 3.14 -10.87	55.03 3.33 -9.85	53.91 3.71 -2.57	59.59 4.59 0.00	97.05 7.65 0.00	59.41 4.39 0.00	53.36 4.08 0.00	52.71 3.40 0.00	50.36 2.61 0.00	48.85 2.50 0.00	41.24 1.89 0.00
ASTORIA_EAST_ENERGY_CC2 323582	37.34 1.80 0.00	32.42 1.59 0.00	30.03 1.50 0.00	31.09 1.43 0.00	32.09 1.35 0.00	33.79 1.38 0.00	38.95 1.56 0.00	40.63 1.98 0.00	40.58 2.17 0.00	40.83 2.31 0.00	41.02 2.58 0.00	43.91 2.76 -4.47	55.18 3.05 -13.30	54.29 3.14 -10.87	55.03 3.33 -9.85	53.91 3.71 -2.57	59.59 4.59 0.00	97.05 7.65 0.00	59.41 4.39 0.00	53.36 4.08 0.00	52.71 3.40 0.00	50.36 2.61 0.00	48.85 2.50 0.00	41.24 1.89 0.00
ASTORIA_GT2_1 24094	37.35 1.81 0.00	32.43 1.61 0.00	30.04 1.52 0.00	31.11 1.45 0.00	32.11 1.36 0.00	33.80 1.39 0.00	38.97 1.59 0.00	40.66 2.01 0.00	40.60 2.19 0.00	40.85 2.34 0.00	41.05 2.61 0.00	43.93 2.78 -4.47	55.22 3.09 -13.30	54.32 3.17 -10.87	55.07 3.37 -9.85	53.95 3.75 -2.57	59.64 4.64 0.00	97.11 7.70 0.00	59.45 4.43 0.00	53.38 4.10 0.00	52.72 3.41 0.00	50.38 2.64 0.00	48.87 2.51 0.00	41.26 1.91 0.00
ASTORIA_GT2_2 24095	37.35 1.81 0.00	32.43 1.61 0.00	30.04 1.52 0.00	31.11 1.45 0.00	32.11 1.36 0.00	33.80 1.39 0.00	38.97 1.59 0.00	40.66 2.01 0.00	40.60 2.19 0.00	40.85 2.34 0.00	41.05 2.61 0.00	43.93 2.78 -4.47	55.22 3.09 -13.30	54.32 3.17 -10.87	55.07 3.37 -9.85	53.95 3.75 -2.57	59.64 4.64 0.00	97.11 7.70 0.00	59.45 4.43 0.00	53.38 4.10 0.00	52.72 3.41 0.00	50.38 2.64 0.00	48.87 2.51 0.00	41.26 1.91 0.00
ASTORIA_GT2_3 24096	37.35 1.81 0.00	32.43 1.61 0.00	30.04 1.52 0.00	31.11 1.45 0.00	32.11 1.36 0.00	33.80 1.39 0.00	38.97 1.59 0.00	40.66 2.01 0.00	40.60 2.19 0.00	40.85 2.34 0.00	41.05 2.61 0.00	43.93 2.78 -4.47	55.22 3.09 -13.30	54.32 3.17 -10.87	55.07 3.37 -9.85	53.95 3.75 -2.57	59.64 4.64 0.00	97.11 7.70 0.00	59.45 4.43 0.00	53.38 4.10 0.00	52.72 3.41 0.00	50.38 2.64 0.00	48.87 2.51 0.00	41.26 1.91 0.00
ASTORIA_GT2_4 24097	37.35 1.81 0.00	32.43 1.61 0.00	30.04 1.52 0.00	31.11 1.45 0.00	32.11 1.36 0.00	33.80 1.39 0.00	38.97 1.59 0.00	40.66 2.01 0.00	40.60 2.19 0.00	40.85 2.34 0.00	41.05 2.61 0.00	43.93 2.78 -4.47	55.22 3.09 -13.30	54.32 3.17 -10.87	55.07 3.37 -9.85	53.95 3.75 -2.57	59.64 4.64 0.00	97.11 7.70 0.00	59.45 4.43 0.00	53.38 4.10 0.00	52.72 3.41 0.00	50.38 2.64 0.00	48.87 2.51 0.00	41.26 1.91 0.00
ASTORIA_GT3_1 24098	37.35 1.81 0.00	32.43 1.61 0.00	30.04 1.52 0.00	31.11 1.45 0.00	32.11 1.36 0.00	33.80 1.39 0.00	38.97 1.59 0.00	40.66 2.01 0.00	40.60 2.19 0.00	40.85 2.34 0.00	41.05 2.61 0.00	43.93 2.78 -4.47	55.22 3.09 -13.30	54.32 3.17 -10.87	55.07 3.37 -9.85	53.95 3.75 -2.57	59.64 4.64 0.00	97.11 7.70 0.00	59.45 4.43 0.00	53.38 4.10 0.00	52.72 3.41 0.00	50.38 2.64 0.00	48.87 2.51 0.00	41.26 1.91 0.00
ASTORIA_GT3_2 24099	37.35 1.81 0.00	32.43 1.61 0.00	30.04 1.52 0.00	31.11 1.45 0.00	32.11 1.36 0.00	33.80 1.39 0.00	38.97 1.59 0.00	40.66 2.01 0.00	40.60 2.19 0.00	40.85 2.34 0.00	41.05 2.61 0.00	43.93 2.78 -4.47	55.22 3.09 -13.30	54.32 3.17 -10.87	55.07 3.37 -9.85	53.95 3.75 -2.57	59.64 4.64 0.00	97.11 7.70 0.00	59.45 4.43 0.00	53.38 4.10 0.00	52.72 3.41 0.00	50.38 2.64 0.00	48.87 2.51 0.00	41.26 1.91 0.00
ASTORIA_GT3_3 24100	37.35 1.81 0.00	32.43 1.61 0.00	30.04 1.52 0.00	31.11 1.45 0.00	32.11 1.36 0.00	33.80 1.39 0.00	38.97 1.59 0.00	40.66 2.01 0.00	40.60 2.19 0.00	40.85 2.34 0.00	41.05 2.61 0.00	43.93 2.78 -4.47	55.22 3.09 -13.30	54.32 3.17 -10.87	55.07 3.37 -9.85	53.95 3.75 -2.57	59.64 4.64 0.00	97.11 7.70 0.00	59.45 4.43 0.00	53.38 4.10 0.00	52.72 3.41 0.00	50.38 2.64 0.00	48.87 2.51 0.00	41.26 1.91 0.00
ASTORIA_GT3_4 24101	37.35 1.81 0.00	32.43 1.61 0.00	30.04 1.52 0.00	31.11 1.45 0.00	32.11 1.36 0.00	33.80 1.39 0.00	38.97 1.59 0.00	40.66 2.01 0.00	40.60 2.19 0.00	40.85 2.34 0.00	41.05 2.61 0.00	43.93 2.78 -4.47	55.22 3.09 -13.30	54.32 3.17 -10.87	55.07 3.37 -9.85	53.95 3.75 -2.57	59.64 4.64 0.00	97.11 7.70 0.00	59.45 4.43 0.00	53.38 4.10 0.00	52.72 3.41 0.00	50.38 2.64 0.00	48.87 2.51 0.00	41.26 1.91 0.00
ASTORIA_GT4_1 24102	37.35 1.81 0.00	32.43 1.61 0.00	30.04 1.52 0.00	31.11 1.45 0.00	32.11 1.36 0.00	33.80 1.39 0.00	38.97 1.59 0.00	40.66 2.01 0.00	40.60 2.19 0.00	40.85 2.34 0.00	41.05 2.61 0.00	43.93 2.78 -4.47	55.22 3.09 -13.30	54.32 3.17 -10.87	55.07 3.37 -9.85	53.95 3.75 -2.57	59.64 4.64 0.00	97.11 7.70 0.00	59.45 4.43 0.00	53.38 4.10 0.00	52.72 3.41 0.00	50.38 2.64 0.00	48.87 2.51 0.00	41.26 1.91 0.00
ASTORIA_GT4_2 24103	37.35 1.81 0.00	32.43 1.61 0.00	30.04 1.52 0.00	31.11 1.45 0.00	32.11 1.36 0.00	33.80 1.39 0.00	38.97 1.59 0.00	40.66 2.01 0.00	40.60 2.19 0.00	40.85 2.34 0.00	41.05 2.61 0.00	43.93 2.78 -4.47	55.22 3.09 -13.30	54.32 3.17 -10.87	55.07 3.37 -9.85	53.95 3.75 -2.57	59.64 4.64 0.00	97.11 7.70 0.00	59.45 4.43 0.00	53.38 4.10 0.00	52.72 3.41 0.00	50.38 2.64 0.00	48.87 2.51 0.00	41.26 1.91 0.00
ASTORIA_GT4_3 24104	37.35 1.81 0.00	32.43 1.61 0.00	30.04 1.52 0.00	31.11 1.45 0.00	32.11 1.36 0.00	33.80 1.39 0.00	38.97 1.59 0.00	40.66 2.01 0.00	40.60 2.19 0.00	40.85 2.34 0.00	41.05 2.61 0.00	43.93 2.78 -4.47	55.22 3.09 -13.30	54.32 3.17 -10.87	55.07 3.37 -9.85	53.95 3.75 -2.57	59.64 4.64 0.00	97.11 7.70 0.00	59.45 4.43 0.00	53.38 4.10 0.00	52.72 3.41 0.00	50.38 2.64 0.00	48.87 2.51 0.00	41.26 1.91 0.00

ASTORIA_GT4_4 24105	37.35 1.81 0.00	32.43 1.61 0.00	30.04 1.52 0.00	31.11 1.45 0.00	32.11 1.36 0.00	33.80 1.39 0.00	38.97 1.59 0.00	40.66 2.01 0.00	40.60 2.19 0.00	40.85 2.34 0.00	41.05 2.61 0.00	43.93 2.78 -4.47	55.22 3.09 -13.30	54.32 3.17 -10.87	55.07 3.37 -9.85	53.95 3.75 -2.57	59.64 4.64 0.00	97.11 7.70 0.00	59.45 4.43 0.00	53.38 4.10 0.00	52.72 3.41 0.00	50.38 2.64 0.00	48.87 2.51 0.00	41.26 1.91 0.00
ASTORIA_GT_1 23523	37.42 1.88 0.00	32.48 1.66 0.00	30.09 1.57 0.00	31.15 1.49 0.00	32.16 1.41 0.00	33.86 1.44 0.00	39.04 1.66 0.00	40.74 2.08 0.00	40.69 2.28 0.00	40.94 2.43 0.00	41.15 2.71 0.00	44.02 2.87 -4.47	55.31 3.18 -13.30	54.43 3.28 -10.87	55.18 3.49 -9.85	54.08 3.88 -2.57	59.78 4.78 0.00	97.36 7.96 0.00	59.58 4.57 0.00	53.52 4.24 0.00	52.86 3.55 0.00	50.49 2.74 0.00	48.98 2.63 0.00	41.35 2.00 0.00
ASTORIA_GT_10 24110	37.16 1.63 0.00	32.19 1.37 0.00	29.87 1.35 0.00	30.91 1.25 0.00	31.88 1.13 0.00	33.56 1.14 0.00	38.86 1.47 0.00	40.53 1.87 0.00	40.49 2.08 0.00	40.79 2.27 0.00	40.98 2.54 0.00	44.02 2.75 -4.60	55.54 3.04 -13.67	54.52 3.07 -11.18	55.23 3.25 -10.13	53.92 3.64 -2.64	59.38 4.38 0.00	96.59 7.19 0.00	59.18 4.16 0.00	53.22 3.94 0.00	52.56 3.25 0.00	50.19 2.44 0.00	48.85 2.49 0.00	41.26 1.91 0.00
ASTORIA_GT_11 24225	37.16 1.63 0.00	32.19 1.37 0.00	29.87 1.35 0.00	30.91 1.25 0.00	31.88 1.13 0.00	33.56 1.14 0.00	38.86 1.47 0.00	40.53 1.87 0.00	40.49 2.08 0.00	40.79 2.27 0.00	40.98 2.54 0.00	44.02 2.75 -4.60	55.54 3.04 -13.67	54.52 3.07 -11.18	55.23 3.25 -10.13	53.92 3.64 -2.64	59.38 4.38 0.00	96.59 7.19 0.00	59.18 4.16 0.00	53.22 3.94 0.00	52.56 3.25 0.00	50.19 2.44 0.00	48.85 2.49 0.00	41.26 1.91 0.00
ASTORIA_GT_12 24226	37.16 1.63 0.00	32.19 1.37 0.00	29.87 1.35 0.00	30.91 1.25 0.00	31.88 1.13 0.00	33.56 1.14 0.00	38.86 1.47 0.00	40.53 1.87 0.00	40.49 2.08 0.00	40.79 2.27 0.00	40.98 2.54 0.00	44.02 2.75 -4.60	55.54 3.04 -13.67	54.52 3.07 -11.18	55.23 3.25 -10.13	53.92 3.64 -2.64	59.38 4.38 0.00	96.59 7.19 0.00	59.18 4.16 0.00	53.22 3.94 0.00	52.56 3.25 0.00	50.19 2.44 0.00	48.85 2.49 0.00	41.26 1.91 0.00
ASTORIA_GT_13 24227	37.16 1.63 0.00	32.19 1.37 0.00	29.87 1.35 0.00	30.91 1.25 0.00	31.88 1.13 0.00	33.56 1.14 0.00	38.86 1.47 0.00	40.53 1.87 0.00	40.49 2.08 0.00	40.79 2.27 0.00	40.98 2.54 0.00	44.02 2.75 -4.60	55.54 3.04 -13.67	54.52 3.07 -11.18	55.23 3.25 -10.13	53.92 3.64 -2.64	59.38 4.38 0.00	96.59 7.19 0.00	59.18 4.16 0.00	53.22 3.94 0.00	52.56 3.25 0.00	50.19 2.44 0.00	48.85 2.49 0.00	41.26 1.91 0.00
ASTORIA_GT_5 24106	37.42 1.88 0.00	32.48 1.66 0.00	30.09 1.57 0.00	31.15 1.49 0.00	32.16 1.41 0.00	33.86 1.44 0.00	39.04 1.66 0.00	40.74 2.08 0.00	40.69 2.28 0.00	40.94 2.43 0.00	41.15 2.71 0.00	44.02 2.87 -4.47	55.31 3.18 -13.30	54.43 3.28 -10.87	55.18 3.49 -9.85	54.08 3.88 -2.57	59.78 4.78 0.00	97.36 7.96 0.00	59.58 4.57 0.00	53.52 4.24 0.00	52.86 3.55 0.00	50.49 2.74 0.00	48.98 2.63 0.00	41.35 2.00 0.00
ASTORIA_GT_7 24107	37.42 1.88 0.00	32.48 1.66 0.00	30.09 1.57 0.00	31.15 1.49 0.00	32.16 1.41 0.00	33.86 1.44 0.00	39.04 1.66 0.00	40.74 2.08 0.00	40.69 2.28 0.00	40.94 2.43 0.00	41.15 2.71 0.00	44.02 2.87 -4.47	55.31 3.18 -13.30	54.43 3.28 -10.87	55.18 3.49 -9.85	54.08 3.88 -2.57	59.78 4.78 0.00	97.36 7.96 0.00	59.58 4.57 0.00	53.52 4.24 0.00	52.86 3.55 0.00	50.49 2.74 0.00	48.98 2.63 0.00	41.35 2.00 0.00
ASTORIA_GT_8 24108	37.42 1.88 0.00	32.48 1.66 0.00	30.09 1.57 0.00	31.15 1.49 0.00	32.16 1.41 0.00	33.86 1.44 0.00	39.04 1.66 0.00	40.74 2.08 0.00	40.69 2.28 0.00	40.94 2.43 0.00	41.15 2.71 0.00	44.02 2.87 -4.47	55.31 3.18 -13.30	54.43 3.28 -10.87	55.18 3.49 -9.85	54.08 3.88 -2.57	59.78 4.78 0.00	97.36 7.96 0.00	59.58 4.57 0.00	53.52 4.24 0.00	52.86 3.55 0.00	50.49 2.74 0.00	48.98 2.63 0.00	41.35 2.00 0.00
ASTORIA___2 24149	37.35 1.82 0.00	32.43 1.60 0.00	30.04 1.51 0.00	31.11 1.45 0.00	32.11 1.36 0.00	33.80 1.39 0.00	38.96 1.58 0.00	40.65 1.99 0.00	40.59 2.18 0.00	40.85 2.33 0.00	41.03 2.60 0.00	43.92 2.77 -4.47	55.20 3.07 -13.30	54.32 3.17 -10.87	55.06 3.37 -9.85	53.94 3.74 -2.57	59.63 4.63 0.00	97.08 7.68 0.00	59.44 4.42 0.00	53.38 4.10 0.00	52.72 3.41 0.00	50.38 2.64 0.00	48.87 2.52 0.00	41.26 1.92 0.00
ASTORIA___3 23516	37.16 1.63 0.00	32.19 1.37 0.00	29.87 1.34 0.00	30.91 1.25 0.00	31.88 1.13 0.00	33.56 1.14 0.00	38.85 1.47 0.00	40.52 1.87 0.00	40.49 2.08 0.00	40.79 2.27 0.00	40.97 2.53 0.00	44.03 2.75 -4.60	55.54 3.03 -13.67	54.52 3.06 -11.18	55.24 3.26 -10.13	53.91 3.64 -2.64	59.36 4.36 0.00	96.59 7.18 0.00	59.18 4.16 0.00	53.21 3.93 0.00	52.55 3.24 0.00	50.18 2.44 0.00	48.85 2.50 0.00	41.26 1.91 0.00
ASTORIA___4 23517	37.16 1.63 0.00	32.19 1.37 0.00	29.87 1.35 0.00	30.91 1.25 0.00	31.88 1.13 0.00	33.56 1.14 0.00	38.86 1.47 0.00	40.53 1.87 0.00	40.49 2.08 0.00	40.79 2.27 0.00	40.98 2.54 0.00	44.02 2.75 -4.60	55.54 3.04 -13.67	54.52 3.07 -11.18	55.23 3.25 -10.13	53.92 3.64 -2.64	59.38 4.38 0.00	96.59 7.19 0.00	59.18 4.16 0.00	53.22 3.94 0.00	52.56 3.25 0.00	50.19 2.44 0.00	48.85 2.49 0.00	41.26 1.91 0.00
ASTORIA___5 23518	37.16 1.63 0.00	32.19 1.37 0.00	29.87 1.34 0.00	30.91 1.25 0.00	31.88 1.13 0.00	33.56 1.14 0.00	38.85 1.47 0.00	40.52 1.87 0.00	40.49 2.08 0.00	40.79 2.27 0.00	40.97 2.53 0.00	44.03 2.75 -4.60	55.54 3.03 -13.67	54.52 3.06 -11.18	55.24 3.26 -10.13	53.91 3.64 -2.64	59.36 4.36 0.00	96.59 7.18 0.00	59.18 4.16 0.00	53.21 3.93 0.00	52.55 3.24 0.00	50.18 2.44 0.00	48.85 2.50 0.00	41.26 1.91 0.00
AST_ENERGY_2_CC3 323677	37.16 1.63 0.00	32.18 1.36 0.00	29.84 1.31 0.00	30.90 1.24 0.00	31.90 1.15 0.00	33.57 1.16 0.00	38.84 1.45 0.00	40.47 1.82 0.00	40.40 2.00 0.00	40.66 2.15 0.00	40.86 2.42 0.00	43.80 2.65 -4.47	55.13 3.00 -13.30	54.20 3.05 -10.87	54.96 3.26 -9.85	53.81 3.61 -2.57	59.44 4.44 0.00	96.87 7.47 0.00	59.32 4.30 0.00	53.28 4.00 0.00	52.64 3.33 0.00	50.26 2.52 0.00	48.83 2.48 0.00	41.21 1.87 0.00
AST_ENERGY_2_CC4 323678	37.16 1.63 0.00	32.18 1.36 0.00	29.84 1.31 0.00	30.90 1.24 0.00	31.90 1.15 0.00	33.57 1.16 0.00	38.84 1.45 0.00	40.47 1.82 0.00	40.40 2.00 0.00	40.66 2.15 0.00	40.86 2.42 0.00	43.80 2.65 -4.47	55.13 3.00 -13.30	54.20 3.05 -10.87	54.96 3.26 -9.85	53.81 3.61 -2.57	59.44 4.44 0.00	96.87 7.47 0.00	59.32 4.30 0.00	53.28 4.00 0.00	52.64 3.33 0.00	50.26 2.52 0.00	48.83 2.48 0.00	41.21 1.87 0.00

ATHENS_STG_1 23668	36.39 0.85 0.00	31.62 0.79 0.00	29.28 0.75 0.00	30.44 0.78 0.00	31.50 0.75 0.00	33.11 0.70 0.00	38.13 0.74 0.00	39.49 0.83 0.00	39.25 0.85 0.00	39.35 0.83 0.00	39.34 0.90 0.00	37.72 1.04 0.00	39.97 1.14 0.00	41.39 1.11 0.00	43.00 1.15 0.00	48.94 1.30 0.00	56.57 1.57 0.00	91.95 2.55 0.00	56.60 1.58 0.00	50.80 1.53 0.00	50.57 1.27 0.00	48.77 1.02 0.00	47.39 1.04 0.00	40.11 0.76 0.00
ATHENS_STG_2 23670	36.39 0.85 0.00	31.62 0.79 0.00	29.28 0.75 0.00	30.44 0.78 0.00	31.50 0.75 0.00	33.11 0.70 0.00	38.13 0.74 0.00	39.49 0.83 0.00	39.25 0.85 0.00	39.35 0.83 0.00	39.34 0.90 0.00	37.72 1.04 0.00	39.97 1.14 0.00	41.39 1.11 0.00	43.00 1.15 0.00	48.94 1.30 0.00	56.57 1.57 0.00	91.95 2.55 0.00	56.60 1.58 0.00	50.80 1.53 0.00	50.57 1.27 0.00	48.77 1.02 0.00	47.39 1.04 0.00	40.11 0.76 0.00
ATHENS_STG_3 23677	36.39 0.85 0.00	31.62 0.79 0.00	29.28 0.75 0.00	30.44 0.78 0.00	31.50 0.75 0.00	33.11 0.70 0.00	38.13 0.74 0.00	39.49 0.83 0.00	39.25 0.85 0.00	39.35 0.83 0.00	39.34 0.90 0.00	37.72 1.04 0.00	39.97 1.14 0.00	41.39 1.11 0.00	43.00 1.15 0.00	48.94 1.30 0.00	56.57 1.57 0.00	91.95 2.55 0.00	56.60 1.58 0.00	50.80 1.53 0.00	50.57 1.27 0.00	48.77 1.02 0.00	47.39 1.04 0.00	40.11 0.76 0.00
AUBURN___LFGE 323710	35.43 -0.11 0.00	30.68 -0.14 0.00	28.36 -0.17 0.00	29.57 -0.09 0.00	30.62 -0.13 -0.01	32.28 -0.31 -0.18	40.15 -0.30 -3.06	41.47 -0.47 -3.28	38.93 -0.68 -1.21	37.80 -0.71 0.00	37.75 -0.69 0.00	36.11 -0.67 -0.10	41.07 -0.62 -2.85	43.29 -0.55 -3.56	44.54 -0.50 -3.19	49.43 -0.39 -2.19	58.61 -0.46 -4.06	96.43 -0.28 -7.30	58.01 -0.15 -3.14	51.86 0.54 -2.03	52.13 0.59 -2.22	48.57 0.34 -0.49	47.16 0.27 -0.53	39.49 0.12 -0.02
BABYLON_RES_REC 323704	37.87 2.33 0.00	32.64 1.82 0.00	30.38 1.86 0.00	31.42 1.75 0.00	32.45 1.70 0.00	34.01 1.59 0.00	39.31 1.92 0.00	40.90 2.24 0.00	40.48 2.07 0.00	40.52 2.01 0.00	40.81 2.37 0.00	39.23 2.73 0.19	41.51 3.23 0.55	42.87 3.05 0.45	44.69 3.25 0.41	51.09 3.53 0.07	59.28 4.28 0.00	96.65 7.24 0.00	59.37 4.35 0.00	53.47 4.19 0.00	52.51 3.20 0.00	44.16 1.95 5.54	48.37 2.02 0.00	40.86 1.51 0.00
BALL_HILL_WT_PWR 323825	33.20 -2.34 0.00	29.03 -1.80 0.00	26.72 -1.81 0.00	27.62 -2.05 0.00	28.45 -2.27 0.03	29.01 -2.57 0.84	20.38 -2.58 14.43	20.70 -2.48 15.48	30.12 -2.60 5.69	36.21 -2.31 0.00	36.11 -2.32 0.00	34.01 -2.20 0.47	23.49 -1.87 13.47	21.43 -2.02 16.83	24.56 -2.22 15.08	35.54 -2.15 9.95	34.90 -2.28 17.82	64.10 -3.49 21.81	46.57 -3.11 5.34	47.19 -2.09 0.00	47.31 -2.00 0.00	45.53 -2.22 0.00	44.17 -2.19 0.00	37.92 -1.42 0.00
BARON_WINDS___WT_PWR 323822	34.08 -1.46 0.00	29.55 -1.27 0.00	27.21 -1.31 0.00	28.33 -1.33 0.00	29.12 -1.52 0.11	26.89 -1.98 3.55	-25.87 -2.11 61.15	-29.08 -2.14 65.60	12.03 -2.27 24.10	36.45 -2.06 0.00	36.21 -2.22 0.00	32.43 -2.26 1.99	-20.09 -1.91 57.01	-32.73 -1.76 71.25	-23.90 -1.91 63.85	3.54 -2.00 42.10	-22.37 -1.98 75.39	-4.86 -2.60 91.66	31.28 -1.63 22.11	49.42 -0.37 -0.51	49.62 -0.26 -0.57	47.32 -0.55 -0.13	46.00 -0.49 -0.14	39.29 -0.06 0.00
BARRETT_IC_1 23704	37.49 1.95 0.00	32.34 1.52 0.00	30.07 1.54 0.00	31.10 1.44 0.00	32.13 1.38 0.00	33.72 1.30 0.00	38.96 1.58 0.00	40.55 1.89 0.00	40.25 1.84 0.00	40.34 1.83 0.00	40.66 2.22 0.00	39.03 2.53 0.19	41.29 3.02 0.55	42.70 2.88 0.45	44.50 3.06 0.41	50.82 3.26 0.07	58.76 3.76 0.00	95.75 6.35 0.00	58.73 3.71 0.00	52.88 3.60 0.00	52.03 2.73 0.00	47.25 1.59 2.09	48.18 1.83 0.00	40.67 1.32 0.00
BARRETT_IC_10 23701	37.49 1.95 0.00	32.34 1.52 0.00	30.07 1.54 0.00	31.10 1.44 0.00	32.13 1.38 0.00	33.72 1.30 0.00	38.96 1.58 0.00	40.55 1.89 0.00	40.25 1.84 0.00	40.34 1.83 0.00	40.66 2.22 0.00	39.03 2.53 0.19	41.29 3.02 0.55	42.70 2.88 0.45	44.50 3.06 0.41	50.82 3.26 0.07	58.76 3.76 0.00	95.75 6.35 0.00	58.73 3.71 0.00	52.88 3.60 0.00	52.03 2.73 0.00	47.25 1.59 2.09	48.18 1.83 0.00	40.67 1.32 0.00
BARRETT_IC_11 23702	37.49 1.95 0.00	32.34 1.52 0.00	30.07 1.54 0.00	31.10 1.44 0.00	32.13 1.38 0.00	33.72 1.30 0.00	38.96 1.58 0.00	40.55 1.89 0.00	40.25 1.84 0.00	40.34 1.83 0.00	40.66 2.22 0.00	39.03 2.53 0.19	41.29 3.02 0.55	42.70 2.88 0.45	44.50 3.06 0.41	50.82 3.26 0.07	58.76 3.76 0.00	95.75 6.35 0.00	58.73 3.71 0.00	52.88 3.60 0.00	52.03 2.73 0.00	47.25 1.59 2.09	48.18 1.83 0.00	40.67 1.32 0.00
BARRETT_IC_12 23703	37.49 1.95 0.00	32.34 1.52 0.00	30.07 1.54 0.00	31.10 1.44 0.00	32.13 1.38 0.00	33.72 1.30 0.00	38.96 1.58 0.00	40.55 1.89 0.00	40.25 1.84 0.00	40.34 1.83 0.00	40.66 2.22 0.00	39.03 2.53 0.19	41.29 3.02 0.55	42.70 2.88 0.45	44.50 3.06 0.41	50.82 3.26 0.07	58.76 3.76 0.00	95.75 6.35 0.00	58.73 3.71 0.00	52.88 3.60 0.00	52.03 2.73 0.00	47.25 1.59 2.09	48.18 1.83 0.00	40.67 1.32 0.00
BARRETT_IC_2 23705	37.49 1.95 0.00	32.34 1.52 0.00	30.07 1.54 0.00	31.10 1.44 0.00	32.13 1.38 0.00	33.72 1.30 0.00	38.96 1.58 0.00	40.55 1.89 0.00	40.25 1.84 0.00	40.34 1.83 0.00	40.66 2.22 0.00	39.03 2.53 0.19	41.29 3.02 0.55	42.70 2.88 0.45	44.50 3.06 0.41	50.82 3.26 0.07	58.76 3.76 0.00	95.75 6.35 0.00	58.73 3.71 0.00	52.88 3.60 0.00	52.03 2.73 0.00	47.25 1.59 2.09	48.18 1.83 0.00	40.67 1.32 0.00
BARRETT_IC_3 23706	37.49 1.95 0.00	32.34 1.52 0.00	30.07 1.54 0.00	31.10 1.44 0.00	32.13 1.38 0.00	33.72 1.30 0.00	38.96 1.58 0.00	40.55 1.89 0.00	40.25 1.84 0.00	40.34 1.83 0.00	40.66 2.22 0.00	39.03 2.53 0.19	41.29 3.02 0.55	42.70 2.88 0.45	44.50 3.06 0.41	50.82 3.26 0.07	58.76 3.76 0.00	95.75 6.35 0.00	58.73 3.71 0.00	52.88 3.60 0.00	52.03 2.73 0.00	47.25 1.59 2.09	48.18 1.83 0.00	40.67 1.32 0.00
BARRETT_IC_4 23707	37.49 1.95 0.00	32.34 1.52 0.00	30.07 1.54 0.00	31.10 1.44 0.00	32.13 1.38 0.00	33.72 1.30 0.00	38.96 1.58 0.00	40.55 1.89 0.00	40.25 1.84 0.00	40.34 1.83 0.00	40.66 2.22 0.00	39.03 2.53 0.19	41.29 3.02 0.55	42.70 2.88 0.45	44.50 3.06 0.41	50.82 3.26 0.07	58.76 3.76 0.00	95.75 6.35 0.00	58.73 3.71 0.00	52.88 3.60 0.00	52.03 2.73 0.00	47.25 1.59 2.09	48.18 1.83 0.00	40.67 1.32 0.00
BARRETT_IC_5 23708	37.49 1.95 0.00	32.34 1.52 0.00	30.07 1.54 0.00	31.10 1.44 0.00	32.13 1.38 0.00	33.72 1.30 0.00	38.96 1.58 0.00	40.55 1.89 0.00	40.25 1.84 0.00	40.34 1.83 0.00	40.66 2.22 0.00	39.03 2.53 0.19	41.29 3.02 0.55	42.70 2.88 0.45	44.50 3.06 0.41	50.82 3.26 0.07	58.76 3.76 0.00	95.75 6.35 0.00	58.73 3.71 0.00	52.88 3.60 0.00	52.03 2.73 0.00	47.25 1.59 2.09	48.18 1.83 0.00	40.67 1.32 0.00

BARRETT_IC_6 23709	37.49 1.95 0.00	32.34 1.52 0.00	30.07 1.54 0.00	31.10 1.44 0.00	32.13 1.38 0.00	33.72 1.30 0.00	38.96 1.58 0.00	40.55 1.89 0.00	40.25 1.84 0.00	40.34 1.83 0.00	40.66 2.22 0.00	39.03 2.53 0.19	41.29 3.02 0.55	42.70 2.88 0.45	44.50 3.06 0.41	50.82 3.26 0.07	58.76 3.76 0.00	95.75 6.35 0.00	58.73 3.71 0.00	52.88 3.60 0.00	52.03 2.73 0.00	47.25 1.59 2.09	48.18 1.83 0.00	40.67 1.32 0.00
BARRETT_IC_7 23710	37.49 1.95 0.00	32.34 1.52 0.00	30.07 1.54 0.00	31.10 1.44 0.00	32.13 1.38 0.00	33.72 1.31 0.00	38.97 1.58 0.00	40.56 1.90 0.00	40.25 1.84 0.00	40.34 1.83 0.00	40.66 2.23 0.00	39.02 2.53 0.19	41.29 3.01 0.55	42.70 2.88 0.45	44.52 3.07 0.41	50.83 3.27 0.07	58.78 3.78 0.00	95.76 6.36 0.00	58.73 3.71 0.00	52.88 3.60 0.00	52.04 2.73 0.00	47.25 1.59 2.09	48.18 1.83 0.00	40.67 1.32 0.00
BARRETT_IC_8 23711	37.49 1.95 0.00	32.34 1.52 0.00	30.07 1.54 0.00	31.10 1.44 0.00	32.13 1.38 0.00	33.72 1.30 0.00	38.96 1.58 0.00	40.55 1.89 0.00	40.25 1.84 0.00	40.34 1.83 0.00	40.66 2.22 0.00	39.03 2.53 0.19	41.29 3.02 0.55	42.70 2.88 0.45	44.50 3.06 0.41	50.82 3.26 0.07	58.76 3.76 0.00	95.75 6.35 0.00	58.73 3.71 0.00	52.88 3.60 0.00	52.03 2.73 0.00	47.25 1.59 2.09	48.18 1.83 0.00	40.67 1.32 0.00
BARRETT_IC_9 23700	37.49 1.95 0.00	32.34 1.52 0.00	30.07 1.54 0.00	31.10 1.44 0.00	32.13 1.38 0.00	33.72 1.30 0.00	38.96 1.58 0.00	40.55 1.89 0.00	40.25 1.84 0.00	40.34 1.83 0.00	40.66 2.22 0.00	39.03 2.53 0.19	41.29 3.02 0.55	42.70 2.88 0.45	44.50 3.06 0.41	50.82 3.26 0.07	58.76 3.76 0.00	95.75 6.35 0.00	58.73 3.71 0.00	52.88 3.60 0.00	52.03 2.73 0.00	47.25 1.59 2.09	48.18 1.83 0.00	40.67 1.32 0.00
BARRETT___1 23545	37.49 1.95 0.00	32.34 1.52 0.00	30.07 1.54 0.00	31.10 1.44 0.00	32.13 1.38 0.00	33.72 1.30 0.00	38.96 1.58 0.00	40.55 1.89 0.00	40.25 1.84 0.00	40.34 1.83 0.00	40.66 2.22 0.00	39.03 2.53 0.19	41.29 3.02 0.55	42.70 2.88 0.45	44.50 3.06 0.41	50.82 3.26 0.07	58.76 3.76 0.00	95.75 6.35 0.00	58.73 3.71 0.00	52.88 3.60 0.00	52.03 2.73 0.00	47.25 1.59 2.09	48.18 1.83 0.00	40.67 1.32 0.00
BARRETT___2 23546	37.49 1.95 0.00	32.34 1.52 0.00	30.07 1.54 0.00	31.10 1.44 0.00	32.13 1.38 0.00	33.72 1.30 0.00	38.96 1.58 0.00	40.55 1.89 0.00	40.25 1.84 0.00	40.34 1.83 0.00	40.66 2.22 0.00	39.03 2.53 0.19	41.29 3.02 0.55	42.70 2.88 0.45	44.50 3.06 0.41	50.82 3.26 0.07	58.76 3.76 0.00	95.75 6.35 0.00	58.73 3.71 0.00	52.88 3.60 0.00	52.03 2.73 0.00	47.25 1.59 2.09	48.18 1.83 0.00	40.67 1.32 0.00
BATAVIA__115KV_TB1 55881	33.73 -1.81 0.00	29.61 -1.21 0.00	27.18 -1.34 0.00	28.18 -1.48 0.00	29.10 -1.64 0.01	30.05 -1.90 0.46	27.68 -1.78 7.92	28.28 -1.87 8.50	32.93 -2.36 3.12	36.22 -2.30 0.00	35.93 -2.50 0.00	34.00 -2.42 0.26	29.33 -2.13 7.37	28.81 -2.27 9.19	31.23 -2.39 8.23	39.67 -2.54 5.43	42.51 -2.76 9.73	73.63 -3.86 11.91	49.67 -2.43 2.92	47.63 -1.66 0.00	47.87 -1.44 0.00	46.26 -1.48 0.00	44.93 -1.43 0.00	38.69 -0.65 0.00
BAYONEEC___CTG1 323682	37.14 1.60 0.00	32.17 1.35 0.00	29.82 1.30 0.00	30.88 1.22 0.00	31.88 1.13 0.00	33.55 1.13 0.00	38.82 1.43 0.00	40.47 1.81 0.00	40.39 1.98 0.00	40.65 2.14 0.00	40.86 2.42 0.00	43.56 2.66 -4.21	54.38 3.03 -12.52	53.58 3.07 -10.24	54.41 3.29 -9.27	53.68 3.63 -2.42	59.49 4.48 0.00	96.94 7.54 0.00	59.35 4.33 0.00	53.32 4.04 0.00	52.66 3.35 0.00	50.28 2.53 0.00	48.84 2.48 0.00	41.22 1.88 0.00
BAYONEEC___CTG10 323750	37.14 1.60 0.00	32.17 1.35 0.00	29.82 1.30 0.00	30.88 1.22 0.00	31.88 1.13 0.00	33.55 1.13 0.00	38.82 1.43 0.00	40.47 1.81 0.00	40.39 1.98 0.00	40.65 2.14 0.00	40.86 2.42 0.00	43.56 2.66 -4.21	54.38 3.03 -12.52	53.58 3.07 -10.24	54.41 3.29 -9.27	53.68 3.63 -2.42	59.49 4.48 0.00	96.94 7.54 0.00	59.35 4.33 0.00	53.32 4.04 0.00	52.66 3.35 0.00	50.28 2.53 0.00	48.84 2.48 0.00	41.22 1.88 0.00
BAYONEEC___CTG2 323683	37.14 1.60 0.00	32.17 1.35 0.00	29.82 1.30 0.00	30.88 1.22 0.00	31.88 1.13 0.00	33.55 1.13 0.00	38.82 1.43 0.00	40.47 1.81 0.00	40.39 1.98 0.00	40.65 2.14 0.00	40.86 2.42 0.00	43.56 2.66 -4.21	54.38 3.03 -12.52	53.58 3.07 -10.24	54.41 3.29 -9.27	53.68 3.63 -2.42	59.49 4.48 0.00	96.94 7.54 0.00	59.35 4.33 0.00	53.32 4.04 0.00	52.66 3.35 0.00	50.28 2.53 0.00	48.84 2.48 0.00	41.22 1.88 0.00
BAYONEEC___CTG3 323684	37.14 1.60 0.00	32.17 1.35 0.00	29.82 1.30 0.00	30.88 1.22 0.00	31.88 1.13 0.00	33.55 1.13 0.00	38.82 1.43 0.00	40.47 1.81 0.00	40.39 1.98 0.00	40.65 2.14 0.00	40.86 2.42 0.00	43.56 2.66 -4.21	54.38 3.03 -12.52	53.58 3.07 -10.24	54.41 3.29 -9.27	53.68 3.63 -2.42	59.49 4.48 0.00	96.94 7.54 0.00	59.35 4.33 0.00	53.32 4.04 0.00	52.66 3.35 0.00	50.28 2.53 0.00	48.84 2.48 0.00	41.22 1.88 0.00
BAYONEEC___CTG4 323685	37.14 1.60 0.00	32.17 1.35 0.00	29.82 1.30 0.00	30.88 1.22 0.00	31.88 1.13 0.00	33.55 1.13 0.00	38.82 1.43 0.00	40.47 1.81 0.00	40.39 1.98 0.00	40.65 2.14 0.00	40.86 2.42 0.00	43.56 2.66 -4.21	54.38 3.03 -12.52	53.58 3.07 -10.24	54.41 3.29 -9.27	53.68 3.63 -2.42	59.49 4.48 0.00	96.94 7.54 0.00	59.35 4.33 0.00	53.32 4.04 0.00	52.66 3.35 0.00	50.28 2.53 0.00	48.84 2.48 0.00	41.22 1.88 0.00
BAYONEEC___CTG5 323686	37.14 1.60 0.00	32.17 1.35 0.00	29.82 1.30 0.00	30.88 1.22 0.00	31.88 1.13 0.00	33.55 1.13 0.00	38.82 1.43 0.00	40.47 1.81 0.00	40.39 1.98 0.00	40.65 2.14 0.00	40.86 2.42 0.00	43.56 2.66 -4.21	54.38 3.03 -12.52	53.58 3.07 -10.24	54.41 3.29 -9.27	53.68 3.63 -2.42	59.49 4.48 0.00	96.94 7.54 0.00	59.35 4.33 0.00	53.32 4.04 0.00	52.66 3.35 0.00	50.28 2.53 0.00	48.84 2.48 0.00	41.22 1.88 0.00
BAYONEEC___CTG6 323687	37.14 1.60 0.00	32.17 1.35 0.00	29.82 1.30 0.00	30.88 1.22 0.00	31.88 1.13 0.00	33.55 1.13 0.00	38.82 1.43 0.00	40.47 1.81 0.00	40.39 1.98 0.00	40.65 2.14 0.00	40.86 2.42 0.00	43.56 2.66 -4.21	54.38 3.03 -12.52	53.58 3.07 -10.24	54.41 3.29 -9.27	53.68 3.63 -2.42	59.49 4.48 0.00	96.94 7.54 0.00	59.35 4.33 0.00	53.32 4.04 0.00	52.66 3.35 0.00	50.28 2.53 0.00	48.84 2.48 0.00	41.22 1.88 0.00
BAYONEEC___CTG7 323688	37.14 1.60 0.00	32.17 1.35 0.00	29.82 1.30 0.00	30.88 1.22 0.00	31.88 1.13 0.00	33.55 1.13 0.00	38.82 1.43 0.00	40.47 1.81 0.00	40.39 1.98 0.00	40.65 2.14 0.00	40.86 2.42 0.00	43.56 2.66 -4.21	54.38 3.03 -12.52	53.58 3.07 -10.24	54.41 3.29 -9.27	53.68 3.63 -2.42	59.49 4.48 0.00	96.94 7.54 0.00	59.35 4.33 0.00	53.32 4.04 0.00	52.66 3.35 0.00	50.28 2.53 0.00	48.84 2.48 0.00	41.22 1.88 0.00

BAYONEEC___CTG8 323689	37.14 1.60 0.00	32.17 1.35 0.00	29.82 1.30 0.00	30.88 1.22 0.00	31.88 1.13 0.00	33.55 1.13 0.00	38.82 1.43 0.00	40.47 1.81 0.00	40.39 1.98 0.00	40.65 2.14 0.00	40.86 2.42 0.00	43.56 2.66 -4.21	54.38 3.03 -12.52	53.58 3.07 -10.24	54.41 3.29 -9.27	53.68 3.63 -2.42	59.49 4.48 0.00	96.94 7.54 0.00	59.35 4.33 0.00	53.32 4.04 0.00	52.66 3.35 0.00	50.28 2.53 0.00	48.84 2.48 0.00	41.22 1.88 0.00
BAYONEEC___CTG9 323749	37.14 1.60 0.00	32.17 1.35 0.00	29.82 1.30 0.00	30.88 1.22 0.00	31.88 1.13 0.00	33.55 1.13 0.00	38.82 1.43 0.00	40.47 1.81 0.00	40.39 1.98 0.00	40.65 2.14 0.00	40.86 2.42 0.00	43.56 2.66 -4.21	54.38 3.03 -12.52	53.58 3.07 -10.24	54.41 3.29 -9.27	53.68 3.63 -2.42	59.49 4.48 0.00	96.94 7.54 0.00	59.35 4.33 0.00	53.32 4.04 0.00	52.66 3.35 0.00	50.28 2.53 0.00	48.84 2.48 0.00	41.22 1.88 0.00
BAYPORT_69_KV_BK 2 356364	38.10 2.56 0.00	32.90 2.07 0.00	30.65 2.13 0.00	31.69 2.03 0.00	32.74 1.99 0.00	34.31 1.90 0.00	39.70 2.31 0.00	41.28 2.63 0.00	40.77 2.37 0.00	40.73 2.21 0.00	41.03 2.60 0.00	39.22 2.73 0.19	41.67 3.39 0.55	43.12 3.30 0.45	45.02 3.58 0.41	51.63 4.07 0.07	59.80 4.80 0.00	97.50 8.10 0.00	59.97 4.95 0.00	54.06 4.78 0.00	53.01 3.70 0.00	43.77 2.28 6.25	48.61 2.26 0.00	40.91 1.57 0.00
BEACON___LESR 323632	36.40 0.86 0.00	31.82 0.99 0.00	29.49 0.96 0.00	30.66 1.00 0.00	31.78 1.03 0.00	33.35 0.94 0.00	38.23 0.84 0.00	39.51 0.86 0.00	39.20 0.79 0.00	39.17 0.65 0.00	39.04 0.61 0.00	37.42 0.74 0.00	39.61 0.78 0.00	41.05 0.78 0.00	42.56 0.71 0.00	48.46 0.83 0.00	55.94 0.94 0.00	91.06 1.65 0.00	56.23 1.22 0.00	50.43 1.16 0.00	50.32 1.01 0.00	48.70 0.96 0.00	41.95 1.00 5.41	38.34 0.74 1.75
BEAVER RIVER___HYD 24048	34.46 -1.08 0.00	29.92 -0.91 0.00	27.79 -0.73 0.00	29.04 -0.62 0.00	30.60 -0.15 0.00	32.52 0.11 0.00	37.69 0.30 0.00	38.64 -0.01 0.00	38.28 -0.13 0.00	38.22 -0.30 0.00	37.97 -0.47 0.00	36.14 -0.54 0.00	38.08 -0.75 0.00	39.55 -0.73 0.00	41.07 -0.78 0.00	46.92 -0.76 -0.04	54.21 -0.94 -0.14	89.33 -1.41 -1.34	55.82 -0.20 -1.00	51.19 0.90 -1.01	51.68 1.27 -1.11	49.11 1.12 -0.24	47.43 0.81 -0.27	39.89 0.54 -0.01
BEEBEE_GT_13 23619	34.15 -1.38 0.00	29.80 -1.02 0.00	27.42 -1.11 0.00	28.45 -1.21 0.00	29.41 -1.33 0.00	30.79 -1.50 0.12	33.72 -1.60 2.07	34.84 -1.59 2.22	35.94 -1.66 0.82	37.05 -1.47 0.00	36.98 -1.46 0.00	35.22 -1.38 0.07	35.58 -1.23 2.02	36.52 -1.23 2.53	38.28 -1.30 2.26	44.88 -1.26 1.49	51.05 -1.28 2.68	84.42 -1.71 3.27	52.86 -1.36 0.80	48.39 -0.89 0.00	48.33 -0.98 0.00	46.62 -1.13 0.00	45.21 -1.15 0.00	38.72 -0.63 0.00
BENSHRST_27_KV_BENSHRST_1 355998	37.48 1.94 0.00	32.45 1.62 0.00	30.07 1.54 0.00	31.11 1.45 0.00	32.11 1.36 0.00	33.82 1.40 0.00	39.15 1.77 0.00	40.81 2.16 0.00	40.84 2.43 0.00	41.19 2.67 0.00	41.43 2.99 0.00	44.44 3.17 -4.60	56.00 3.50 -13.67	55.06 3.61 -11.18	55.79 3.81 -10.13	54.60 4.33 -2.64	60.23 5.23 0.00	97.89 8.48 0.00	59.96 4.94 0.00	53.96 4.67 0.00	53.24 3.93 0.00	50.82 3.08 0.00	49.43 3.08 0.00	41.72 2.37 0.00
BETHLEHEM___GRP 23843	36.00 0.46 0.00	31.54 0.71 0.00	29.22 0.69 0.00	30.38 0.72 0.00	31.47 0.72 0.00	33.02 0.61 0.00	37.76 0.37 0.00	39.01 0.35 0.00	38.71 0.30 0.00	38.73 0.22 0.00	38.65 0.21 0.00	37.01 0.33 0.00	39.17 0.34 0.00	40.59 0.31 0.00	42.10 0.25 0.00	47.88 0.25 0.00	55.26 0.25 0.00	89.75 0.35 0.00	55.43 0.42 0.00	49.72 0.45 0.00	49.61 0.30 0.00	48.08 0.34 0.00	43.84 0.37 2.88	38.68 0.27 0.93
BETHLEHEM___GS1 323560	36.00 0.46 0.00	31.53 0.71 0.00	29.21 0.69 0.00	30.38 0.72 0.00	31.47 0.72 0.00	33.02 0.61 0.00	37.76 0.37 0.00	39.00 0.34 0.00	38.71 0.30 0.00	38.73 0.22 0.00	38.65 0.21 0.00	37.01 0.33 0.00	39.18 0.34 0.00	40.59 0.31 0.00	42.10 0.25 0.00	47.88 0.24 0.00	55.26 0.26 0.00	89.75 0.35 0.00	55.44 0.42 0.00	49.72 0.44 0.00	49.60 0.29 0.00	48.08 0.34 0.00	43.84 0.37 2.88	38.68 0.26 0.93
BETHLEHEM___GS2 323561	36.00 0.46 0.00	31.53 0.71 0.00	29.21 0.69 0.00	30.38 0.72 0.00	31.47 0.72 0.00	33.02 0.61 0.00	37.76 0.37 0.00	39.00 0.34 0.00	38.71 0.30 0.00	38.73 0.22 0.00	38.65 0.21 0.00	37.01 0.33 0.00	39.18 0.34 0.00	40.59 0.31 0.00	42.10 0.25 0.00	47.88 0.24 0.00	55.26 0.26 0.00	89.75 0.35 0.00	55.44 0.42 0.00	49.72 0.44 0.00	49.60 0.29 0.00	48.08 0.34 0.00	43.84 0.37 2.88	38.68 0.26 0.93
BETHLEHEM___GS3 323562	36.00 0.46 0.00	31.53 0.71 0.00	29.21 0.69 0.00	30.38 0.72 0.00	31.47 0.72 0.00	33.02 0.61 0.00	37.76 0.37 0.00	39.00 0.34 0.00	38.71 0.30 0.00	38.73 0.22 0.00	38.65 0.21 0.00	37.01 0.33 0.00	39.18 0.34 0.00	40.59 0.31 0.00	42.10 0.25 0.00	47.88 0.24 0.00	55.26 0.26 0.00	89.75 0.35 0.00	55.44 0.42 0.00	49.72 0.44 0.00	49.60 0.29 0.00	48.08 0.34 0.00	43.84 0.37 2.88	38.68 0.26 0.93
BETHLEHEM___STEEL 23779	33.12 -2.42 0.00	29.05 -1.78 0.00	26.70 -1.83 0.00	27.66 -2.01 0.00	28.50 -2.22 0.03	29.07 -2.53 0.82	20.71 -2.59 14.09	21.03 -2.50 15.12	30.23 -2.62 5.56	36.08 -2.43 0.00	35.94 -2.49 0.00	33.83 -2.39 0.46	23.58 -2.13 13.13	21.64 -2.25 16.39	24.75 -2.42 14.69	35.51 -2.44 9.69	35.03 -2.61 17.36	64.09 -4.06 21.24	46.45 -3.37 5.20	46.78 -2.50 0.00	46.88 -2.43 0.00	45.28 -2.47 0.00	44.04 -2.31 0.00	37.99 -1.36 0.00
BETHLHEM_115KV_TB1 79974	36.05 0.51 0.00	31.54 0.72 0.00	29.22 0.70 0.00	30.39 0.73 0.00	31.47 0.72 0.00	33.04 0.63 0.00	37.82 0.44 0.00	39.06 0.41 0.00	38.77 0.36 0.00	38.80 0.28 0.00	38.71 0.28 0.00	37.08 0.40 0.00	39.25 0.41 0.00	40.66 0.39 0.00	42.18 0.33 0.00	47.97 0.33 0.00	55.37 0.36 0.00	89.94 0.53 0.00	55.53 0.51 0.00	49.82 0.54 0.00	49.70 0.39 0.00	48.14 0.40 0.00	44.10 0.45 2.70	38.80 0.32 0.87
BETHPAGE_CC_5 323564	37.75 2.21 0.00	32.54 1.71 0.00	30.26 1.73 0.00	31.29 1.63 0.00	32.30 1.55 0.00	33.85 1.43 0.00	39.09 1.71 0.00	40.68 2.03 0.00	40.35 1.94 0.00	40.42 1.90 0.00	40.71 2.27 0.00	39.08 2.59 0.19	41.40 3.12 0.55	42.82 3.00 0.45	44.63 3.19 0.41	50.95 3.38 0.07	59.12 4.12 0.00	96.38 6.98 0.00	59.15 4.13 0.00	53.22 3.94 0.00	52.29 2.98 0.00	44.45 1.79 5.08	48.23 1.88 0.00	40.89 1.55 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	33.21 -2.33 0.00	29.12 -1.70 0.00	26.77 -1.75 0.00	27.73 -1.93 0.00	28.57 -2.15 0.03	29.18 -2.43 0.80	21.14 -2.47 13.78	21.52 -2.36 14.78	30.49 -2.49 5.43	36.23 -2.28 0.00	36.08 -2.36 0.00	33.99 -2.24 0.45	24.04 -1.96 12.83	22.18 -2.07 16.02	25.26 -2.23 14.36	35.94 -2.23 9.47	35.68 -2.35 16.97	65.01 -3.62 20.77	46.78 -3.16 5.09	46.94 -2.34 0.00	47.06 -2.25 0.00	45.45 -2.30 0.00	44.20 -2.16 0.00	38.11 -1.24 0.00

BINGHAMTON___COGEN 23790	35.22 -0.32 0.00	30.56 -0.26 0.00	28.32 -0.21 0.00	29.41 -0.25 0.00	30.45 -0.30 0.00	32.10 -0.42 -0.10	38.82 -0.37 -1.81	40.19 -0.40 -1.94	38.59 -0.53 -0.71	38.04 -0.48 0.00	37.94 -0.50 0.00	36.35 -0.39 -0.06	40.32 -0.20 -1.69	42.21 -0.17 -2.11	43.53 -0.21 -1.89	48.87 -0.05 -1.29	57.37 0.00 -2.37	93.71 0.33 -3.97	56.55 -0.06 -1.59	50.63 0.42 -0.94	50.69 0.36 -1.03	47.99 0.02 -0.23	46.62 0.02 -0.24	39.38 0.03 -0.01
BIXINCNT_115KV_LOAD 355685	33.37 -2.17 0.00	29.17 -1.65 0.00	26.89 -1.64 0.00	27.79 -1.87 0.00	28.69 -2.04 0.02	29.42 -2.27 0.73	22.63 -2.25 12.50	23.17 -2.07 13.42	31.35 -2.13 4.93	36.55 -1.97 0.00	36.33 -2.10 0.00	34.25 -2.02 0.41	25.58 -1.60 11.66	24.00 -1.72 14.56	26.82 -1.99 13.04	37.10 -1.94 8.60	37.67 -1.91 15.42	67.91 -2.62 18.87	47.68 -2.72 4.62	47.26 -2.02 0.00	47.48 -1.84 0.00	45.90 -1.85 0.00	44.64 -1.71 0.00	38.23 -1.12 0.00
BLACK RIVER___HYD 24047	34.46 -1.08 0.00	29.88 -0.95 0.00	27.78 -0.74 0.00	29.04 -0.62 0.00	30.66 -0.09 0.00	32.58 0.16 0.00	37.81 0.42 0.00	38.54 -0.12 0.00	38.22 -0.19 0.00	38.11 -0.40 0.00	37.77 -0.67 0.00	35.96 -0.72 0.00	37.88 -0.95 0.00	39.27 -1.00 0.00	40.86 -0.99 0.00	46.94 -0.77 -0.07	54.28 -0.97 -0.24	90.34 -1.33 -2.27	56.90 0.19 -1.70	52.49 1.49 -1.72	53.13 1.94 -1.88	49.76 1.60 -0.41	47.99 1.19 -0.45	40.17 0.81 -0.01
BLACKRVR_115KV_TB2 79977	34.46 -1.08 0.00	29.88 -0.95 0.00	27.78 -0.74 0.00	29.04 -0.62 0.00	30.66 -0.09 0.00	32.58 0.16 0.00	37.81 0.42 0.00	38.53 -0.12 0.00	38.22 -0.19 0.00	38.11 -0.40 0.00	37.77 -0.67 0.00	35.96 -0.72 0.00	37.88 -0.95 0.00	39.26 -1.01 0.00	40.86 -0.99 0.00	46.94 -0.77 -0.07	54.28 -0.97 -0.24	90.34 -1.33 -2.27	56.90 0.19 -1.70	52.49 1.49 -1.72	53.13 1.94 -1.88	49.76 1.60 -0.41	47.99 1.19 -0.45	40.17 0.81 -0.01
BLISS_WT_PWR 323608	33.29 -2.24 0.00	29.11 -1.71 0.00	26.82 -1.70 0.00	27.71 -1.95 0.00	28.60 -2.12 0.02	29.35 -2.34 0.73	22.57 -2.30 12.50	23.12 -2.12 13.42	31.31 -2.17 4.93	36.50 -2.01 0.00	36.31 -2.12 0.00	34.17 -2.10 0.41	25.52 -1.65 11.66	23.95 -1.76 14.56	26.76 -2.04 13.04	37.03 -2.00 8.60	37.67 -1.91 15.42	67.92 -2.60 18.87	47.68 -2.72 4.62	47.21 -2.07 0.00	47.44 -1.87 0.00	45.88 -1.87 0.00	44.62 -1.74 0.00	38.16 -1.19 0.00
BLUESTONE___WT_PWR 323821	36.80 1.27 0.00	31.83 1.01 0.00	29.46 0.93 0.00	30.39 0.72 0.00	31.62 0.87 0.00	33.45 0.92 -0.12	40.68 1.19 -2.10	41.86 0.95 -2.25	39.92 0.68 -0.83	39.15 0.64 0.00	38.79 0.35 0.00	36.93 0.18 -0.07	40.99 0.20 -1.96	43.05 0.33 -2.45	44.57 0.53 -2.19	49.99 0.87 -1.48	58.98 1.27 -2.71	97.38 3.72 -4.25	59.21 2.61 -1.58	53.34 3.24 -0.82	53.48 3.27 -0.90	50.74 2.80 -0.20	48.67 2.10 -0.21	40.15 0.79 -0.01
BLUE_CIRC_CHEM_DRP 24182	36.32 0.78 0.00	31.75 0.92 0.00	29.42 0.89 0.00	30.61 0.94 0.00	31.70 0.95 0.00	33.31 0.90 0.00	38.19 0.80 0.00	39.30 0.65 0.00	38.91 0.50 0.00	38.91 0.39 0.00	38.80 0.36 0.00	37.13 0.45 0.00	39.27 0.44 0.00	40.67 0.40 0.00	42.06 0.21 0.00	47.28 -0.35 0.00	54.41 -0.59 0.00	88.57 -0.83 0.00	54.77 -0.25 0.00	49.21 -0.07 0.00	49.18 -0.13 0.00	47.64 -0.10 0.00	43.63 -0.05 2.68	38.38 -0.10 0.87
BOC_GAS_DRP 24189	36.12 0.58 0.00	31.49 0.66 0.00	29.18 0.65 0.00	30.34 0.68 0.00	31.41 0.66 0.00	33.01 0.60 0.00	37.94 0.55 0.00	39.21 0.55 0.00	38.93 0.52 0.00	38.98 0.47 0.00	38.92 0.48 0.00	37.26 0.58 0.00	39.45 0.62 0.00	40.86 0.58 0.00	42.39 0.53 0.00	48.18 0.54 0.00	55.63 0.63 0.00	90.34 0.94 0.00	55.71 0.70 0.00	50.00 0.72 0.00	49.88 0.57 0.00	48.28 0.53 0.00	45.17 0.56 1.74	39.20 0.42 0.56
BOONVILLE_115KV_TB1 79983	35.58 0.04 0.00	30.87 0.04 0.00	28.62 0.09 0.00	29.79 0.13 0.00	31.12 0.37 0.00	32.93 0.52 0.00	38.09 0.70 0.00	39.16 0.50 0.00	38.71 0.31 0.00	38.74 0.23 0.00	38.54 0.10 0.00	36.73 0.05 0.00	38.85 0.02 0.00	40.29 0.01 0.00	41.89 0.04 0.00	47.88 0.22 -0.02	55.51 0.43 -0.07	91.20 1.14 -0.65	56.57 1.06 -0.49	51.40 1.63 -0.50	51.56 1.71 -0.54	49.41 1.54 -0.12	47.76 1.28 -0.13	40.27 0.91 0.00
BORALEX_4TH_BRANCH 23824	37.45 1.91 0.00	32.62 1.80 0.00	30.24 1.72 0.00	31.42 1.76 0.00	32.54 1.79 0.00	34.07 1.65 0.00	39.17 1.78 0.00	40.46 1.80 0.00	40.14 1.73 0.00	40.05 1.54 0.00	39.71 1.27 0.00	37.98 1.30 0.00	40.02 1.19 0.00	41.52 1.24 0.00	43.09 1.24 0.00	49.22 1.59 0.00	56.89 1.89 0.00	91.90 2.50 0.00	56.64 1.62 0.00	50.83 1.55 0.00	50.95 1.64 0.00	49.89 2.15 0.00	51.32 2.23 -2.74	42.10 1.87 -0.88
BOWLINE___1 23526	36.97 1.43 0.00	31.96 1.14 0.00	29.61 1.09 0.00	30.68 1.02 0.00	31.72 0.97 0.00	33.40 0.98 0.00	38.59 1.21 0.00	40.12 1.46 0.00	39.95 1.54 0.00	40.14 1.62 0.00	40.32 1.88 0.00	38.77 2.09 0.00	41.32 2.49 0.00	42.82 2.55 0.00	44.61 2.76 0.00	50.68 3.04 0.00	58.87 3.87 0.00	96.05 6.64 0.00	58.86 3.84 0.00	52.82 3.54 0.00	52.25 2.94 0.00	49.94 2.20 0.00	48.42 2.07 0.00	40.84 1.49 0.00
BOWLINE___2 23595	36.97 1.43 0.00	31.96 1.14 0.00	29.61 1.09 0.00	30.68 1.02 0.00	31.72 0.97 0.00	33.40 0.98 0.00	38.59 1.21 0.00	40.12 1.46 0.00	39.95 1.54 0.00	40.14 1.62 0.00	40.32 1.88 0.00	38.77 2.09 0.00	41.32 2.49 0.00	42.82 2.54 0.00	44.60 2.74 0.00	50.67 3.04 0.00	58.85 3.85 0.00	96.00 6.59 0.00	58.84 3.82 0.00	52.80 3.52 0.00	52.25 2.94 0.00	49.93 2.19 0.00	48.41 2.05 0.00	40.82 1.48 0.00
BRADY___115KV_TB2 356060	35.74 0.20 0.00	31.04 0.22 0.00	28.69 0.16 0.00	29.86 0.20 0.00	31.03 0.28 0.00	32.79 0.38 0.00	37.86 0.47 0.00	39.02 0.36 0.00	38.79 0.39 0.00	38.86 0.35 0.00	38.81 0.37 0.00	36.89 0.21 0.00	38.92 0.09 0.00	40.53 0.25 0.00	42.01 0.15 0.00	47.56 -0.08 0.00	54.52 -0.48 0.00	88.58 -0.83 0.00	54.52 -0.50 0.00	48.86 -0.42 0.00	49.30 -0.01 0.00	47.94 0.19 0.00	46.53 0.17 0.00	39.69 0.34 0.00
BRANSCOMB___SOLAR 323811	37.46 1.93 0.00	32.51 1.68 0.00	30.12 1.59 0.00	31.30 1.64 0.00	32.44 1.69 0.00	34.15 1.74 0.00	39.36 1.97 0.00	40.51 1.85 0.00	39.95 1.54 0.00	39.82 1.31 0.00	39.58 1.14 0.00	37.86 1.18 0.00	39.99 1.15 0.00	41.54 1.27 0.00	43.22 1.37 0.00	49.50 1.87 0.00	57.40 2.40 0.00	93.77 4.37 0.00	57.80 2.78 0.00	52.09 2.82 0.00	52.20 2.89 0.00	50.62 2.87 0.00	51.22 2.76 -2.11	42.22 2.19 -0.68
BRDGHMPT_69_KV_BK1 55812	37.54 2.00 0.00	32.49 1.67 0.00	30.51 1.98 0.00	31.66 2.00 0.00	32.72 1.97 0.00	34.39 1.98 0.00	40.00 2.62 0.00	41.66 3.01 0.00	41.04 2.64 0.00	40.95 2.44 0.00	41.45 3.02 0.00	39.40 2.91 0.19	41.94 3.66 0.55	43.67 3.85 0.45	45.54 4.10 0.41	52.38 4.82 0.08	60.28 5.27 0.00	97.16 7.76 0.00	59.65 4.63 0.00	53.90 4.63 0.00	52.93 3.63 0.00	43.43 2.06 6.38	48.08 1.73 0.00	40.36 1.01 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	38.05 2.51 0.00	32.81 1.98 0.00	30.57 2.05 0.00	31.60 1.94 0.00	32.64 1.89 0.00	34.18 1.77 0.00	39.53 2.15 0.00	41.09 2.43 0.00	40.62 2.21 0.00	40.62 2.11 0.00	40.96 2.52 0.00	39.26 2.77 0.19	41.63 3.36 0.55	42.96 3.14 0.45	44.76 3.32 0.41	51.22 3.66 0.07	59.36 4.36 0.00	96.57 7.17 0.00	59.33 4.32 0.00	53.46 4.18 0.00	52.45 3.15 0.00	43.34 1.81 6.21	48.38 2.03 0.00	40.83 1.48 0.00
BRISTLHL_115KV_TB1 79998	34.52 -1.02 0.00	29.97 -0.85 0.00	27.72 -0.81 0.00	28.81 -0.86 0.00	29.85 -0.90 0.00	31.45 -0.97 0.00	36.28 -1.11 0.00	37.41 -1.24 0.00	37.12 -1.29 0.00	37.21 -1.31 0.00	37.08 -1.35 0.00	35.29 -1.38 0.00	37.34 -1.49 0.00	38.75 -1.53 0.00	40.27 -1.58 0.00	46.10 -1.71 -0.17	53.70 -1.88 -0.58	91.97 -2.81 -5.38	57.37 -1.67 -4.02	52.12 -1.23 -4.07	52.48 -1.29 -4.45	47.36 -1.37 -0.98	46.08 -1.34 -1.06	38.28 -1.10 -0.03
BROOKHAVEN___DRP 24191	37.72 2.18 0.00	32.63 1.81 0.00	30.43 1.91 0.00	31.49 1.82 0.00	32.53 1.77 0.00	34.09 1.68 0.00	39.44 2.06 0.00	41.01 2.36 0.00	40.42 2.02 0.00	40.33 1.81 0.00	40.58 2.14 0.00	38.64 2.15 0.19	41.02 2.74 0.55	42.51 2.69 0.45	44.35 2.91 0.41	50.93 3.37 0.08	58.89 3.89 0.00	95.89 6.49 0.00	59.02 4.00 0.00	53.31 4.03 0.00	52.28 2.97 0.00	42.97 1.60 6.38	47.97 1.62 0.00	40.35 1.01 0.00
BROOKLYN_NAVY_YARD 23515	37.07 1.53 0.00	32.12 1.30 0.00	29.76 1.23 0.00	30.81 1.15 0.00	31.80 1.05 0.00	33.49 1.08 0.00	38.77 1.38 0.00	40.40 1.74 0.00	40.34 1.93 0.00	40.60 2.08 0.00	40.75 2.32 0.00	43.46 2.57 -4.21	54.27 2.91 -12.52	53.46 2.95 -10.24	54.31 3.18 -9.27	53.55 3.51 -2.42	59.33 4.33 0.00	96.67 7.26 0.00	59.18 4.16 0.00	53.15 3.88 0.01	52.50 3.19 0.01	50.13 2.39 0.00	48.74 2.39 0.00	41.14 1.79 0.00
BROOKLYN___ARMY_DRP 323595	37.27 1.74 0.00	32.27 1.45 0.00	29.92 1.40 0.00	30.97 1.31 0.00	31.95 1.20 0.00	33.65 1.24 0.00	38.95 1.57 0.00	40.59 1.93 0.00	40.60 2.19 0.00	40.94 2.42 0.00	41.15 2.71 0.00	44.17 2.89 -4.60	55.70 3.20 -13.67	54.74 3.29 -11.18	55.44 3.46 -10.13	54.20 3.92 -2.64	59.76 4.76 0.00	97.13 7.73 0.00	59.52 4.50 0.00	53.55 4.27 0.00	52.85 3.54 0.00	50.46 2.71 0.00	49.09 2.74 0.00	41.44 2.09 0.00
BROOME_2_LFGE 323671	35.22 -0.32 0.00	30.56 -0.26 0.00	28.32 -0.20 0.00	29.41 -0.25 0.00	30.45 -0.30 0.00	32.10 -0.42 -0.10	38.82 -0.37 -1.81	40.18 -0.42 -1.94	38.59 -0.53 -0.71	38.04 -0.47 0.00	37.95 -0.49 0.00	36.36 -0.38 -0.06	40.30 -0.21 -1.69	42.21 -0.18 -2.11	43.52 -0.22 -1.89	48.86 -0.06 -1.29	57.36 0.00 -2.37	93.70 0.33 -3.97	56.54 -0.07 -1.59	50.62 0.41 -0.94	50.70 0.36 -1.03	47.99 0.01 -0.23	46.62 0.02 -0.24	39.39 0.03 -0.01
BROOME___LFGE 323600	35.22 -0.32 0.00	30.56 -0.26 0.00	28.32 -0.20 0.00	29.41 -0.25 0.00	30.45 -0.30 0.00	32.10 -0.42 -0.10	38.82 -0.37 -1.81	40.18 -0.42 -1.94	38.59 -0.53 -0.71	38.04 -0.47 0.00	37.95 -0.49 0.00	36.36 -0.38 -0.06	40.30 -0.21 -1.69	42.21 -0.18 -2.11	43.52 -0.22 -1.89	48.86 -0.06 -1.29	57.36 0.00 -2.37	93.70 0.33 -3.97	56.54 -0.07 -1.59	50.62 0.41 -0.94	50.70 0.36 -1.03	47.99 0.01 -0.23	46.62 0.02 -0.24	39.39 0.03 -0.01
BROWNFLS_115KV_TB 3_5 80003	34.63 -0.91 0.00	30.07 -0.75 0.00	27.88 -0.64 0.00	29.09 -0.57 0.00	30.47 -0.28 0.00	32.32 -0.09 0.00	37.41 0.02 0.00	38.50 -0.16 0.00	38.22 -0.19 0.00	38.22 -0.29 0.00	38.05 -0.39 0.00	36.18 -0.49 0.00	38.14 -0.69 0.00	39.67 -0.61 0.00	41.15 -0.70 0.00	46.71 -0.96 -0.03	53.74 -1.36 -0.10	87.87 -2.42 -0.89	54.60 -1.09 -0.67	49.60 -0.35 -0.67	50.05 0.00 -0.74	47.96 0.05 -0.16	46.46 -0.06 -0.18	39.34 -0.01 0.00
BROWNSV1_27_KV_LOAD 356125	37.41 1.87 0.00	32.40 1.58 0.00	30.03 1.50 0.00	31.08 1.42 0.00	32.09 1.34 0.00	33.78 1.36 0.00	39.11 1.72 0.00	40.77 2.11 0.00	40.71 2.30 0.00	40.98 2.46 0.00	41.19 2.75 0.00	43.87 2.98 -4.21	54.72 3.37 -12.52	53.95 3.43 -10.24	54.79 3.67 -9.27	54.14 4.09 -2.42	60.02 5.02 0.00	97.77 8.37 0.00	59.85 4.83 0.00	53.76 4.48 0.00	53.12 3.81 0.00	50.72 2.97 0.00	49.26 2.90 0.00	41.57 2.22 0.00
BURROWS___LYONSDAL 23803	35.20 -0.34 0.00	30.56 -0.26 0.00	28.36 -0.16 0.00	29.56 -0.10 0.00	30.97 0.22 0.00	32.81 0.40 0.00	37.98 0.60 0.00	39.03 0.37 0.00	38.61 0.20 0.00	38.61 0.10 0.00	38.40 -0.04 0.00	36.58 -0.10 0.00	38.66 -0.17 0.00	40.10 -0.18 0.00	41.65 -0.20 0.00	47.61 -0.06 -0.02	55.17 0.08 -0.08	90.69 0.50 -0.79	56.34 0.73 -0.59	51.35 1.47 -0.60	51.58 1.62 -0.65	49.36 1.46 -0.14	47.68 1.17 -0.16	40.17 0.82 0.00
CAITHNESS_CC_1 323624	37.69 2.15 0.00	32.59 1.76 0.00	30.39 1.86 0.00	31.43 1.77 0.00	32.46 1.71 0.00	34.02 1.61 0.00	39.35 1.96 0.00	40.90 2.25 0.00	40.36 1.95 0.00	40.27 1.75 0.00	40.53 2.10 0.00	38.68 2.19 0.19	41.06 2.78 0.55	42.49 2.67 0.45	44.30 2.86 0.41	50.83 3.27 0.08	58.81 3.80 0.00	95.78 6.38 0.00	58.94 3.92 0.00	53.18 3.91 0.00	52.17 2.86 0.00	42.87 1.51 6.39	47.90 1.55 0.00	40.34 1.00 0.00
CALPINE BETH_PAGE_GT4 24209	37.80 2.26 0.00	32.58 1.76 0.00	30.29 1.76 0.00	31.32 1.66 0.00	32.35 1.60 0.00	33.91 1.50 0.00	39.19 1.80 0.00	40.78 2.12 0.00	40.46 2.05 0.00	40.49 1.97 0.00	40.77 2.33 0.00	39.11 2.62 0.19	41.43 3.15 0.55	42.87 3.05 0.45	44.69 3.25 0.41	50.92 3.35 0.07	59.10 4.10 0.00	96.34 6.94 0.00	59.11 4.10 0.00	53.17 3.89 0.00	52.26 2.96 0.00	44.95 1.79 4.59	48.22 1.87 0.00	40.80 1.46 0.00
CALPINE_BETH_PAGE_GT_4 323586	37.80 2.26 0.00	32.58 1.76 0.00	30.29 1.76 0.00	31.32 1.66 0.00	32.34 1.60 0.00	33.91 1.50 0.00	39.19 1.80 0.00	40.77 2.12 0.00	40.46 2.05 0.00	40.49 1.97 0.00	40.76 2.33 0.00	39.12 2.62 0.19	41.44 3.16 0.55	42.87 3.05 0.45	44.70 3.26 0.41	50.91 3.35 0.07	59.08 4.08 0.00	96.34 6.93 0.00	59.11 4.09 0.00	53.17 3.89 0.00	52.26 2.96 0.00	44.95 1.79 4.59	48.21 1.86 0.00	40.80 1.45 0.00
CALPINE_BP_GT1 23823	37.80 2.26 0.00	32.58 1.76 0.00	30.29 1.76 0.00	31.32 1.66 0.00	32.34 1.60 0.00	33.91 1.50 0.00	39.19 1.80 0.00	40.77 2.12 0.00	40.46 2.05 0.00	40.49 1.97 0.00	40.76 2.33 0.00	39.12 2.62 0.19	41.44 3.16 0.55	42.87 3.05 0.45	44.70 3.26 0.41	50.91 3.35 0.07	59.08 4.08 0.00	96.34 6.93 0.00	59.11 4.09 0.00	53.17 3.89 0.00	52.26 2.96 0.00	44.95 1.79 4.59	48.21 1.86 0.00	40.80 1.45 0.00
CALSPAN___DRP 24200	33.12 -2.42 0.00	29.05 -1.78 0.00	26.70 -1.83 0.00	27.66 -2.01 0.00	28.50 -2.22 0.03	29.07 -2.53 0.82	20.71 -2.59 14.09	21.03 -2.50 15.12	30.23 -2.62 5.56	36.08 -2.43 0.00	35.94 -2.49 0.00	33.83 -2.39 0.46	23.58 -2.13 13.13	21.64 -2.25 16.39	24.75 -2.42 14.69	35.51 -2.44 9.69	35.03 -2.61 17.36	64.09 -4.06 21.24	46.45 -3.37 5.20	46.78 -2.50 0.00	46.88 -2.43 0.00	45.28 -2.47 0.00	44.04 -2.31 0.00	37.99 -1.36 0.00

CALVERTON___SOLAR 323806	37.75 2.21 0.00	32.66 1.84 0.00	30.48 1.96 0.00	31.54 1.88 0.00	32.58 1.83 0.00	34.17 1.76 0.00	39.56 2.17 0.00	41.12 2.46 0.00	40.51 2.10 0.00	40.41 1.89 0.00	40.63 2.20 0.00	38.67 2.18 0.19	41.07 2.80 0.55	42.60 2.78 0.45	44.45 3.00 0.41	51.09 3.53 0.08	59.02 4.01 0.00	96.07 6.66 0.00	59.15 4.13 0.00	53.45 4.17 0.00	52.42 3.12 0.00	43.08 1.72 6.38	48.03 1.68 0.00	40.38 1.03 0.00
CANDIGU_WT_PWR 323617	34.08 -1.46 0.00	29.55 -1.27 0.00	27.21 -1.31 0.00	28.33 -1.33 0.00	29.12 -1.52 0.11	26.89 -1.98 3.55	-25.87 -2.11 61.15	-29.08 -2.14 65.60	12.03 -2.27 24.10	36.45 -2.06 0.00	36.21 -2.22 0.00	32.43 -2.26 1.99	-20.09 -1.91 57.01	-32.73 -1.76 71.25	-23.90 -1.91 63.85	3.54 -2.00 42.10	-22.37 -1.98 75.39	-4.86 -2.60 91.66	31.28 -1.63 22.11	49.42 -0.37 -0.51	49.62 -0.26 -0.57	47.32 -0.55 -0.13	46.00 -0.49 -0.14	39.29 -0.06 0.00
CARR STREET_E_SYR 24060	34.96 -0.58 0.00	30.36 -0.47 0.00	28.06 -0.46 0.00	29.16 -0.51 0.00	30.22 -0.53 0.00	31.80 -0.61 0.00	36.72 -0.67 0.00	37.88 -0.78 0.00	37.57 -0.84 0.00	37.71 -0.81 0.00	37.61 -0.82 0.00	35.83 -0.85 0.00	37.96 -0.87 0.00	39.41 -0.86 0.00	40.98 -0.87 0.00	46.85 -0.84 -0.05	54.35 -0.82 -0.18	90.02 -1.04 -1.65	55.56 -0.69 -1.24	50.17 -0.36 -1.25	50.22 -0.45 -1.37	47.45 -0.60 -0.30	46.03 -0.64 -0.33	38.83 -0.53 -0.01
CARTHAGE___PAPER 23857	34.54 -1.00 0.00	29.96 -0.87 0.00	27.84 -0.69 0.00	29.09 -0.57 0.00	30.68 -0.07 0.00	32.62 0.21 0.00	37.83 0.45 0.00	38.68 0.02 0.00	38.33 -0.08 0.00	38.23 -0.28 0.00	37.93 -0.51 0.00	36.11 -0.57 0.00	38.04 -0.79 0.00	39.47 -0.81 0.00	41.03 -0.82 0.00	46.97 -0.72 -0.06	54.30 -0.90 -0.21	90.00 -1.31 -1.91	56.48 0.04 -1.43	52.00 1.28 -1.45	52.61 1.72 -1.58	49.58 1.49 -0.35	47.86 1.13 -0.38	40.13 0.77 -0.01
CASSADAGA_WT_PWR 323784	33.71 -1.83 0.00	29.29 -1.54 0.00	26.87 -1.65 0.00	27.62 -2.05 0.00	28.38 -2.35 0.02	29.09 -2.56 0.77	21.66 -2.51 13.21	22.22 -2.26 14.18	31.04 -2.16 5.21	36.83 -1.69 0.00	36.77 -1.67 0.00	34.58 -1.67 0.43	25.15 -1.35 12.33	23.34 -1.53 15.40	26.33 -1.72 13.80	37.20 -1.33 9.10	37.45 -1.24 16.31	67.81 -1.62 19.97	48.17 -1.96 4.89	48.42 -0.86 0.00	48.62 -0.69 0.00	46.54 -1.21 0.00	44.71 -1.65 0.00	37.89 -1.46 0.00
CE_DUNWOOD___DRP 24194	37.16 1.62 0.00	32.14 1.32 0.00	29.78 1.26 0.00	30.85 1.19 0.00	31.89 1.14 0.00	33.57 1.15 0.00	38.78 1.39 0.00	40.34 1.68 0.00	40.19 1.78 0.00	40.39 1.87 0.00	40.57 2.13 0.00	39.09 2.33 -0.09	41.80 2.71 -0.26	43.25 2.76 -0.21	45.00 2.95 -0.19	51.02 3.33 -0.05	59.16 4.15 0.00	96.45 7.05 0.00	59.11 4.09 0.00	53.05 3.77 0.00	52.46 3.15 0.00	50.14 2.39 0.00	48.66 2.30 0.00	41.07 1.73 0.00
CE_MILLWOOD___DRP 24193	37.10 1.56 0.00	32.09 1.27 0.00	29.73 1.21 0.00	30.80 1.14 0.00	31.83 1.08 0.00	33.52 1.10 0.00	38.73 1.34 0.00	40.26 1.60 0.00	40.11 1.70 0.00	40.30 1.78 0.00	40.46 2.03 0.00	38.92 2.24 0.00	41.43 2.60 0.00	42.93 2.66 0.00	44.72 2.87 0.00	50.84 3.20 0.00	59.01 4.01 0.00	96.23 6.83 0.00	58.98 3.96 0.00	52.94 3.66 0.00	52.36 3.05 0.00	50.05 2.31 0.00	48.58 2.22 0.00	41.00 1.65 0.00
CE_NYC2_DRP 24202	37.20 1.66 0.00	32.21 1.39 0.00	29.88 1.36 0.00	30.93 1.27 0.00	31.91 1.16 0.00	33.59 1.17 0.00	38.89 1.50 0.00	40.55 1.90 0.00	40.51 2.10 0.00	40.81 2.29 0.00	41.01 2.57 0.00	44.05 2.77 -4.60	55.58 3.07 -13.67	54.55 3.10 -11.18	55.26 3.28 -10.13	53.96 3.69 -2.64	59.43 4.43 0.00	96.69 7.28 0.00	59.23 4.21 0.00	53.25 3.97 0.00	52.58 3.27 0.00	50.23 2.49 0.00	48.89 2.54 0.00	41.29 1.94 0.00
CE_NYC_DRP 24195	37.20 1.66 0.00	32.22 1.39 0.00	29.86 1.34 0.00	30.92 1.26 0.00	31.92 1.17 0.00	33.60 1.19 0.00	38.89 1.50 0.00	40.54 1.88 0.00	40.46 2.05 0.00	40.73 2.22 0.00	40.94 2.50 0.00	43.53 2.73 -4.12	54.19 3.09 -12.26	53.45 3.15 -10.03	54.30 3.36 -9.08	53.74 3.74 -2.37	59.59 4.59 0.00	97.08 7.67 0.00	59.44 4.43 0.00	53.40 4.12 0.00	52.75 3.44 0.00	50.36 2.62 0.00	48.91 2.56 0.00	41.29 1.95 0.00
CHAFFEE___LFGE 323603	33.27 -2.27 0.00	29.17 -1.66 0.00	26.81 -1.71 0.00	27.77 -1.89 0.00	28.63 -2.09 0.02	29.26 -2.38 0.77	21.71 -2.37 13.31	22.12 -2.26 14.28	30.75 -2.41 5.25	36.28 -2.24 0.00	36.15 -2.28 0.00	34.05 -2.20 0.43	24.54 -1.89 12.40	22.83 -1.96 15.48	25.86 -2.11 13.88	36.39 -2.09 9.15	36.43 -2.17 16.40	65.94 -3.39 20.07	47.06 -3.04 4.92	47.03 -2.25 0.00	47.16 -2.15 0.00	45.56 -2.19 0.00	44.30 -2.05 0.00	38.17 -1.17 0.00
CHATEAUG_35_KV_LOAD 355732	35.07 -0.47 0.00	30.50 -0.33 0.00	28.24 -0.28 0.00	29.44 -0.22 0.00	30.54 -0.21 0.00	32.32 -0.10 0.00	37.30 -0.09 0.00	38.72 0.06 0.00	38.67 0.26 0.00	38.83 0.31 0.00	38.72 0.28 0.00	36.82 0.14 0.00	38.90 0.07 0.00	40.40 0.12 0.00	41.98 0.13 0.00	47.73 0.09 0.00	54.97 -0.03 0.00	89.00 -0.40 0.00	54.69 -0.33 0.00	48.82 -0.45 0.00	49.11 -0.20 0.00	47.71 -0.03 0.00	46.22 -0.14 0.00	39.25 -0.10 0.00
CHATEAUG_WT_PWR 323614	35.11 -0.43 0.00	30.53 -0.30 0.00	28.27 -0.26 0.00	29.46 -0.20 0.00	30.56 -0.19 0.00	32.32 -0.09 0.00	37.30 -0.09 0.00	38.71 0.06 0.00	38.64 0.23 0.00	38.81 0.29 0.00	38.70 0.26 0.00	36.81 0.13 0.00	38.89 0.06 0.00	40.40 0.12 0.00	41.96 0.11 0.00	47.74 0.10 0.00	54.98 -0.02 0.00	89.02 -0.39 0.00	54.70 -0.31 0.00	48.85 -0.43 0.00	49.07 -0.25 0.00	47.66 -0.08 0.00	46.18 -0.17 0.00	39.25 -0.10 0.00
CHAT_HIGH_FALL_HYD 323578	35.07 -0.47 0.00	30.50 -0.33 0.00	28.24 -0.28 0.00	29.44 -0.22 0.00	30.54 -0.21 0.00	32.32 -0.10 0.00	37.30 -0.09 0.00	38.72 0.06 0.00	38.67 0.26 0.00	38.83 0.31 0.00	38.72 0.28 0.00	36.82 0.14 0.00	38.90 0.07 0.00	40.40 0.12 0.00	41.98 0.13 0.00	47.73 0.09 0.00	54.97 -0.03 0.00	89.00 -0.40 0.00	54.69 -0.33 0.00	48.82 -0.45 0.00	49.11 -0.20 0.00	47.71 -0.03 0.00	46.22 -0.14 0.00	39.25 -0.10 0.00
CHAUTAUQUA___LFGE 323629	33.48 -2.06 0.00	29.19 -1.64 0.00	26.87 -1.65 0.00	27.72 -1.94 0.00	28.53 -2.19 0.03	29.15 -2.46 0.80	21.15 -2.45 13.78	21.55 -2.32 14.79	30.59 -2.39 5.43	36.52 -2.00 0.00	36.44 -2.00 0.00	34.35 -1.88 0.45	24.43 -1.53 12.86	22.52 -1.68 16.07	25.60 -1.86 14.40	36.48 -1.66 9.49	36.25 -1.73 17.02	66.13 -2.45 20.83	47.37 -2.55 5.10	47.87 -1.41 0.00	48.04 -1.27 0.00	46.11 -1.64 0.00	44.57 -1.78 0.00	38.09 -1.25 0.00
CHERRYST_13_KV_LD 356241	37.29 1.75 0.00	32.30 1.47 0.00	29.93 1.41 0.00	30.99 1.33 0.00	31.99 1.25 0.00	33.69 1.27 0.00	39.01 1.62 0.00	40.67 2.01 0.00	40.61 2.20 0.00	40.89 2.37 0.00	41.10 2.66 0.00	43.68 2.87 -4.12	54.36 3.26 -12.26	53.63 3.33 -10.03	54.47 3.54 -9.08	53.94 3.94 -2.37	59.83 4.83 0.00	97.49 8.08 0.00	59.66 4.65 0.00	53.57 4.29 0.00	52.91 3.60 0.00	50.51 2.76 0.00	49.05 2.70 0.00	41.41 2.06 0.00

CHESTROR_138KV_BK263 355645	36.84 1.30 0.00	31.85 1.03 0.00	29.50 0.98 0.00	30.58 0.92 0.00	31.62 0.88 0.00	33.31 0.89 0.00	38.47 1.09 0.00	39.95 1.30 0.00	39.75 1.34 0.00	39.89 1.37 0.00	40.03 1.59 0.00	38.45 1.77 0.00	40.94 2.11 0.00	42.44 2.17 0.00	44.20 2.35 0.00	50.27 2.64 0.00	58.37 3.37 0.00	95.26 5.85 0.00	58.44 3.43 0.00	52.48 3.20 0.00	52.00 2.69 0.00	49.77 2.03 0.00	48.26 1.90 0.00	40.72 1.37 0.00
CH_MIDHUDSON___DRP 24192	37.17 1.63 0.00	32.16 1.34 0.00	29.78 1.26 0.00	30.87 1.21 0.00	31.91 1.17 0.00	33.62 1.20 0.00	38.81 1.42 0.00	40.31 1.66 0.00	40.14 1.73 0.00	40.28 1.76 0.00	40.39 1.95 0.00	38.85 2.17 0.00	41.30 2.47 0.00	42.81 2.53 0.00	44.56 2.71 0.00	50.75 3.12 0.00	58.91 3.91 0.00	96.13 6.73 0.00	58.99 3.97 0.00	52.94 3.66 0.00	52.44 3.13 0.00	50.20 2.46 0.00	48.70 2.35 0.00	41.11 1.76 0.00
CH_MISC_IPPS 23765	37.34 1.80 0.00	32.30 1.48 0.00	29.91 1.39 0.00	31.00 1.34 0.00	32.04 1.29 0.00	33.75 1.34 0.00	38.99 1.60 0.00	40.52 1.86 0.00	40.33 1.93 0.00	40.48 1.97 0.00	40.61 2.17 0.00	39.06 2.38 0.00	41.57 2.74 0.00	43.11 2.83 0.00	44.89 3.04 0.00	51.14 3.51 0.00	59.44 4.44 0.00	97.07 7.67 0.00	59.55 4.53 0.00	53.43 4.16 0.00	52.90 3.59 0.00	50.59 2.85 0.00	49.02 2.67 0.00	41.35 2.00 0.00
CH_RES_BVR_FALLS 23983	35.33 -0.21 0.00	30.66 -0.16 0.00	28.38 -0.14 0.00	29.54 -0.12 0.00	30.64 -0.11 0.00	32.34 -0.07 0.00	37.31 -0.07 0.00	38.62 -0.04 0.00	38.41 0.00 0.00	38.52 0.01 0.00	38.44 0.00 0.00	36.66 -0.02 0.00	38.78 -0.05 0.00	40.24 -0.04 0.00	41.80 -0.05 0.00	47.55 -0.08 0.00	54.81 -0.19 0.00	88.96 -0.44 0.00	54.78 -0.24 0.00	49.07 -0.21 0.00	49.15 -0.16 0.00	47.61 -0.13 0.00	46.22 -0.13 0.00	39.25 -0.09 0.00
CH_RES_NIAGARA 23895	31.95 -3.59 0.00	28.23 -2.59 0.00	25.91 -2.62 0.00	26.88 -2.79 0.00	27.71 -3.02 0.02	28.37 -3.40 0.65	22.84 -3.43 11.12	23.29 -3.44 11.92	30.30 -3.73 4.37	34.77 -3.74 0.00	34.66 -3.78 0.00	32.69 -3.63 0.36	25.29 -3.35 10.19	24.10 -3.52 12.66	26.77 -3.73 11.35	36.04 -4.05 7.55	37.02 -4.57 13.41	65.42 -7.58 16.41	45.40 -5.58 4.04	44.69 -4.57 0.02	44.73 -4.57 0.01	43.24 -4.51 0.00	42.35 -4.01 0.00	36.77 -2.58 0.00
CH_RES_SYRACUSE 23985	35.16 -0.38 0.00	30.51 -0.31 0.00	28.21 -0.31 0.00	29.33 -0.33 0.00	30.39 -0.36 0.00	31.98 -0.44 0.00	36.91 -0.48 0.00	38.05 -0.61 0.00	37.70 -0.71 0.00	37.81 -0.70 0.00	37.71 -0.72 0.00	35.93 -0.75 0.00	38.07 -0.76 0.00	39.53 -0.75 0.00	41.11 -0.74 0.00	47.06 -0.67 -0.10	54.68 -0.65 -0.33	91.77 -0.68 -3.05	56.85 -0.45 -2.28	51.52 -0.07 -2.31	51.68 -0.15 -2.52	47.98 -0.32 -0.56	46.58 -0.37 -0.60	39.05 -0.32 -0.02
CLINTON_WT_PWR 323605	35.11 -0.43 0.00	30.53 -0.30 0.00	28.27 -0.26 0.00	29.46 -0.20 0.00	30.56 -0.19 0.00	32.32 -0.09 0.00	37.30 -0.09 0.00	38.71 0.06 0.00	38.64 0.23 0.00	38.81 0.29 0.00	38.70 0.26 0.00	36.81 0.13 0.00	38.89 0.06 0.00	40.40 0.12 0.00	41.96 0.11 0.00	47.74 0.10 0.00	54.98 -0.02 0.00	89.02 -0.39 0.00	54.70 -0.31 0.00	48.85 -0.43 0.00	49.07 -0.25 0.00	47.66 -0.08 0.00	46.18 -0.17 0.00	39.25 -0.10 0.00
CLINTON___LFGE 323618	35.73 0.19 0.00	31.06 0.23 0.00	28.75 0.22 0.00	29.94 0.28 0.00	31.05 0.30 0.00	32.87 0.46 0.00	37.93 0.55 0.00	39.33 0.68 0.00	39.18 0.78 0.00	39.25 0.74 0.00	39.09 0.65 0.00	37.11 0.43 0.00	39.17 0.34 0.00	40.75 0.48 0.00	42.33 0.47 0.00	48.21 0.58 0.00	55.53 0.54 0.00	90.06 0.66 0.00	55.27 0.25 0.00	49.48 0.20 0.00	49.68 0.37 0.00	48.29 0.54 0.00	46.77 0.41 0.00	39.76 0.41 0.00
COBBLENY_34_KV_TB1 80064	33.27 -2.27 0.00	29.16 -1.66 0.00	26.81 -1.71 0.00	27.77 -1.89 0.00	28.63 -2.09 0.02	29.26 -2.38 0.77	21.68 -2.40 13.31	22.10 -2.28 14.28	30.74 -2.42 5.25	36.28 -2.24 0.00	36.11 -2.32 0.00	34.05 -2.20 0.43	24.52 -1.91 12.40	22.79 -2.01 15.48	25.83 -2.15 13.88	36.35 -2.14 9.15	36.36 -2.24 16.40	65.89 -3.44 20.07	47.03 -3.08 4.92	47.02 -2.26 0.00	47.14 -2.17 0.00	45.56 -2.18 0.00	44.30 -2.05 0.00	38.17 -1.18 0.00
COFFEEN___115KV_TB3 355620	34.62 -0.92 0.00	30.01 -0.81 0.00	27.88 -0.65 0.00	29.14 -0.52 0.00	30.75 0.01 0.00	32.65 0.24 0.00	37.90 0.51 0.00	38.58 -0.07 0.00	38.30 -0.11 0.00	38.14 -0.37 0.00	37.75 -0.69 0.00	35.94 -0.74 0.00	37.88 -0.95 0.00	39.27 -1.00 0.00	40.91 -0.94 0.00	47.09 -0.62 -0.07	54.46 -0.79 -0.25	90.72 -1.01 -2.34	57.22 0.46 -1.75	52.79 1.74 -1.77	53.41 2.16 -1.93	49.95 1.78 -0.43	48.17 1.35 -0.46	40.32 0.96 -0.01
COLDSPRG_115KV_BK1 355956	34.02 -1.52 0.00	29.59 -1.24 0.00	27.27 -1.25 0.00	28.18 -1.48 0.00	29.05 -1.67 0.02	29.82 -1.88 0.72	23.37 -1.70 12.32	23.98 -1.46 13.21	31.99 -1.56 4.86	37.25 -1.26 0.00	37.14 -1.30 0.00	35.11 -1.17 0.40	26.64 -0.70 11.50	25.12 -0.80 14.35	27.98 -1.01 12.86	38.37 -0.78 8.48	39.07 -0.73 15.20	70.00 -0.79 18.61	48.83 -1.63 4.56	48.57 -0.71 0.00	48.75 -0.56 0.00	46.84 -0.91 0.00	45.33 -1.03 0.00	38.63 -0.72 0.00
COLONIE_LFGE___ 323577	36.94 1.40 0.00	32.14 1.32 0.00	29.77 1.25 0.00	30.95 1.29 0.00	32.06 1.32 0.00	33.69 1.27 0.00	38.74 1.36 0.00	39.99 1.33 0.00	39.64 1.23 0.00	39.59 1.08 0.00	39.40 0.96 0.00	37.71 1.03 0.00	39.83 1.00 0.00	41.32 1.05 0.00	42.94 1.09 0.00	49.00 1.36 0.00	56.68 1.68 0.00	92.10 2.70 0.00	56.85 1.83 0.00	51.05 1.77 0.00	51.03 1.72 0.00	49.59 1.84 0.00	51.01 1.82 -2.84	41.72 1.45 -0.92
COOPERNY_115KV_TB1 80082	36.40 0.86 0.00	31.51 0.69 0.00	29.18 0.66 0.00	30.28 0.62 0.00	31.33 0.58 0.00	32.99 0.58 0.00	38.09 0.70 0.00	39.50 0.85 0.00	39.27 0.86 0.00	39.41 0.89 0.00	39.48 1.04 0.00	37.86 1.18 0.00	40.26 1.42 0.00	41.73 1.45 0.00	43.43 1.58 0.00	49.43 1.80 0.00	57.32 2.31 0.00	93.46 4.06 0.00	57.39 2.37 0.00	51.54 2.26 0.00	51.18 1.87 0.00	49.13 1.38 0.00	47.65 1.29 0.00	40.28 0.94 0.00
COPENHAGEN_WT_PWR 323753	34.03 -1.51 0.00	29.52 -1.31 0.00	27.47 -1.05 0.00	28.76 -0.90 0.00	30.45 -0.29 0.00	32.40 -0.02 0.00	37.61 0.22 0.00	38.39 -0.27 0.00	38.13 -0.28 0.00	38.04 -0.47 0.00	37.71 -0.73 0.00	35.89 -0.79 0.00	37.80 -1.03 0.00	39.18 -1.10 0.00	40.70 -1.15 0.00	46.72 -1.00 -0.08	54.04 -1.22 -0.26	89.97 -1.88 -2.45	56.72 -0.13 -1.83	52.34 1.21 -1.86	52.91 1.57 -2.03	49.40 1.21 -0.45	47.68 0.84 -0.48	39.85 0.49 -0.01
CORNELL_____ 23752	35.76 0.22 0.00	30.98 0.16 0.00	28.66 0.13 0.00	29.77 0.11 0.00	30.86 0.10 -0.01	32.77 0.00 -0.36	43.61 0.11 -6.11	45.14 -0.07 -6.56	40.44 -0.38 -2.41	38.02 -0.49 0.00	37.86 -0.58 0.00	36.31 -0.57 -0.20	44.11 -0.41 -5.70	47.00 -0.39 -7.12	47.83 -0.40 -6.38	51.71 -0.19 -4.27	62.68 -0.05 -7.73	100.99 0.62 -10.97	59.14 0.57 -3.55	51.83 1.25 -1.31	52.04 1.30 -1.43	49.04 0.98 -0.32	47.53 0.83 -0.34	39.97 0.62 -0.01

CORONA__69_KV_TB1 355595	37.66 2.12 0.00	32.50 1.68 0.00	30.18 1.66 0.00	31.23 1.57 0.00	32.26 1.51 0.00	33.88 1.47 0.00	39.16 1.77 0.00	40.75 2.09 0.00	40.49 2.08 0.00	40.65 2.13 0.00	40.97 2.54 0.00	39.32 2.83 0.19	41.62 3.34 0.55	43.11 3.29 0.45	44.96 3.52 0.41	51.41 3.82 0.04	59.57 4.57 0.00	97.06 7.66 0.00	59.53 4.52 0.00	53.54 4.27 0.00	52.75 3.44 0.00	49.54 2.35 0.55	48.71 2.35 0.00	41.11 1.76 0.00
CORTLAND__115KV_TB3 80093	35.55 0.01 0.00	30.84 0.02 0.00	28.54 0.02 0.00	29.64 -0.02 0.00	30.73 -0.03 0.00	32.43 -0.11 -0.12	39.46 -0.03 -2.11	40.75 -0.17 -2.26	38.87 -0.37 -0.83	38.11 -0.41 0.00	37.96 -0.47 0.00	36.31 -0.44 -0.07	40.45 -0.34 -1.96	42.43 -0.31 -2.45	43.71 -0.34 -2.20	48.98 -0.16 -1.51	57.74 -0.04 -2.79	94.73 0.40 -4.93	57.36 0.26 -2.09	51.37 0.77 -1.32	51.49 0.74 -1.45	48.55 0.48 -0.32	47.08 0.38 -0.35	39.64 0.28 -0.01
COXSACKIE__GT 23611	37.48 1.95 0.00	32.75 1.92 0.00	30.32 1.80 0.00	31.51 1.85 0.00	32.63 1.88 0.00	34.29 1.87 0.00	39.45 2.06 0.00	40.68 2.03 0.00	40.08 1.67 0.00	39.87 1.36 0.00	39.70 1.27 0.00	38.04 1.36 0.00	40.17 1.34 0.00	41.65 1.37 0.00	43.16 1.31 0.00	49.13 1.49 0.00	56.98 1.98 0.00	93.33 3.93 0.00	57.82 2.80 0.00	52.30 3.03 0.00	52.54 3.24 0.00	50.74 3.00 0.00	46.18 2.75 2.92	40.48 2.07 0.94
CPV_VALLEY__CC1 323721	36.56 1.02 0.00	31.63 0.80 0.00	29.29 0.77 0.00	30.38 0.72 0.00	31.41 0.66 0.00	33.08 0.67 0.00	38.20 0.82 0.00	39.66 1.00 0.00	39.47 1.06 0.00	39.62 1.10 0.00	39.74 1.30 0.00	38.17 1.49 0.00	40.61 1.78 0.00	42.08 1.80 0.00	43.81 1.96 0.00	49.81 2.18 0.00	57.79 2.79 0.00	94.24 4.84 0.00	57.84 2.83 0.00	51.92 2.65 0.00	51.47 2.16 0.00	49.31 1.56 0.00	47.82 1.47 0.00	40.40 1.05 0.00
CPV_VALLEY__CC2 323722	36.56 1.02 0.00	31.63 0.80 0.00	29.29 0.77 0.00	30.38 0.72 0.00	31.41 0.66 0.00	33.08 0.67 0.00	38.20 0.82 0.00	39.66 1.00 0.00	39.47 1.06 0.00	39.62 1.10 0.00	39.74 1.30 0.00	38.17 1.49 0.00	40.61 1.78 0.00	42.08 1.80 0.00	43.81 1.96 0.00	49.81 2.18 0.00	57.79 2.79 0.00	94.24 4.84 0.00	57.84 2.83 0.00	51.92 2.65 0.00	51.47 2.16 0.00	49.31 1.56 0.00	47.82 1.47 0.00	40.40 1.05 0.00
CRESCENT__HYD 24018	36.94 1.40 0.00	32.14 1.32 0.00	29.77 1.25 0.00	30.95 1.29 0.00	32.06 1.32 0.00	33.69 1.27 0.00	38.74 1.36 0.00	39.99 1.33 0.00	39.64 1.23 0.00	39.59 1.08 0.00	39.40 0.96 0.00	37.71 1.03 0.00	39.83 1.00 0.00	41.32 1.05 0.00	42.94 1.09 0.00	49.00 1.36 0.00	56.68 1.68 0.00	92.10 2.70 0.00	56.85 1.83 0.00	51.05 1.77 0.00	51.03 1.72 0.00	49.59 1.84 0.00	51.01 1.82 -2.84	41.72 1.45 -0.92
CRICKET__VALLEY_CC1 323756	36.87 1.33 0.00	31.90 1.08 0.00	29.54 1.02 0.00	30.62 0.96 0.00	31.65 0.90 0.00	33.39 0.97 0.00	38.50 1.11 0.00	39.95 1.30 0.00	39.82 1.41 0.00	39.95 1.43 0.00	40.01 1.58 0.00	38.51 1.83 0.00	40.87 2.04 0.00	42.34 2.07 0.00	44.07 2.22 0.00	50.16 2.53 0.00	58.12 3.12 0.00	94.88 5.48 0.00	58.20 3.18 0.00	52.20 2.93 0.00	51.75 2.45 0.00	49.56 1.81 0.00	48.15 1.80 0.00	40.70 1.35 0.00
CRICKET__VALLEY_CC2 323757	36.87 1.33 0.00	31.90 1.08 0.00	29.54 1.02 0.00	30.62 0.96 0.00	31.65 0.90 0.00	33.39 0.97 0.00	38.50 1.11 0.00	39.95 1.30 0.00	39.82 1.41 0.00	39.95 1.43 0.00	40.01 1.58 0.00	38.51 1.83 0.00	40.87 2.04 0.00	42.34 2.07 0.00	44.07 2.22 0.00	50.16 2.53 0.00	58.12 3.12 0.00	94.88 5.48 0.00	58.20 3.18 0.00	52.20 2.93 0.00	51.75 2.45 0.00	49.56 1.81 0.00	48.15 1.80 0.00	40.70 1.35 0.00
CRICKET__VALLEY_CC3 323758	36.87 1.33 0.00	31.90 1.08 0.00	29.54 1.02 0.00	30.62 0.96 0.00	31.65 0.90 0.00	33.39 0.97 0.00	38.50 1.11 0.00	39.95 1.30 0.00	39.82 1.41 0.00	39.95 1.43 0.00	40.01 1.58 0.00	38.51 1.83 0.00	40.87 2.04 0.00	42.34 2.07 0.00	44.07 2.22 0.00	50.16 2.53 0.00	58.12 3.12 0.00	94.88 5.48 0.00	58.20 3.18 0.00	52.20 2.93 0.00	51.75 2.45 0.00	49.56 1.81 0.00	48.15 1.80 0.00	40.70 1.35 0.00
CRUCIBLE_METL_DRP 24180	35.15 -0.38 0.00	30.51 -0.31 0.00	28.21 -0.31 0.00	29.33 -0.33 0.00	30.39 -0.36 0.00	31.98 -0.44 0.00	36.91 -0.48 0.00	38.05 -0.61 0.00	37.70 -0.71 0.00	37.81 -0.70 0.00	37.71 -0.73 0.00	35.93 -0.75 0.00	38.06 -0.77 0.00	39.53 -0.75 0.00	41.11 -0.74 0.00	47.06 -0.67 -0.10	54.68 -0.65 -0.33	91.77 -0.68 -3.05	56.85 -0.45 -2.28	51.52 -0.07 -2.31	51.68 -0.15 -2.52	47.98 -0.32 -0.56	46.58 -0.37 -0.60	39.05 -0.31 -0.02
DAHOWA__HYDRO 323763	37.68 2.14 0.00	32.66 1.84 0.00	30.26 1.74 0.00	31.46 1.79 0.00	32.60 1.85 0.00	34.34 1.93 0.00	39.62 2.23 0.00	40.77 2.12 0.00	40.15 1.75 0.00	40.00 1.48 0.00	39.73 1.30 0.00	38.01 1.34 0.00	40.13 1.30 0.00	41.71 1.43 0.00	43.41 1.55 0.00	49.77 2.14 0.00	57.77 2.77 0.00	94.48 5.07 0.00	58.18 3.17 0.00	52.51 3.23 0.00	52.66 3.35 0.00	51.04 3.29 0.00	51.48 3.13 -1.99	42.47 2.48 -0.64
DANC__LFGE 323619	34.33 -1.21 0.00	29.79 -1.03 0.00	27.65 -0.88 0.00	28.85 -0.81 0.00	30.30 -0.45 0.00	32.10 -0.31 0.00	37.18 -0.20 0.00	38.08 -0.57 0.00	37.81 -0.60 0.00	37.78 -0.74 0.00	37.52 -0.91 0.00	35.71 -0.97 0.00	37.67 -1.16 0.00	39.08 -1.19 0.00	40.58 -1.27 0.00	46.52 -1.21 -0.10	53.92 -1.41 -0.33	90.36 -2.12 -3.07	56.69 -0.62 -2.30	51.98 0.38 -2.33	52.45 0.60 -2.54	48.66 0.35 -0.56	47.10 0.14 -0.61	39.36 -0.01 -0.02
DANSKAMMER__1 23586	37.34 1.80 0.00	32.30 1.48 0.00	29.91 1.39 0.00	31.00 1.34 0.00	32.04 1.29 0.00	33.75 1.34 0.00	38.99 1.60 0.00	40.52 1.86 0.00	40.33 1.93 0.00	40.48 1.97 0.00	40.61 2.17 0.00	39.06 2.38 0.00	41.57 2.74 0.00	43.11 2.83 0.00	44.89 3.04 0.00	51.14 3.51 0.00	59.44 4.44 0.00	97.07 7.67 0.00	59.55 4.53 0.00	53.43 4.16 0.00	52.90 3.59 0.00	50.59 2.85 0.00	49.02 2.67 0.00	41.35 2.00 0.00
DANSKAMMER__2 23589	37.34 1.80 0.00	32.30 1.48 0.00	29.91 1.39 0.00	31.00 1.34 0.00	32.04 1.29 0.00	33.75 1.34 0.00	38.99 1.60 0.00	40.52 1.86 0.00	40.33 1.93 0.00	40.48 1.97 0.00	40.61 2.17 0.00	39.06 2.38 0.00	41.57 2.74 0.00	43.11 2.83 0.00	44.89 3.04 0.00	51.14 3.51 0.00	59.44 4.44 0.00	97.07 7.67 0.00	59.55 4.53 0.00	53.43 4.16 0.00	52.90 3.59 0.00	50.59 2.85 0.00	49.02 2.67 0.00	41.35 2.00 0.00
DANSKAMMER__3 23590	37.34 1.80 0.00	32.30 1.48 0.00	29.91 1.39 0.00	31.00 1.34 0.00	32.04 1.29 0.00	33.75 1.34 0.00	38.99 1.60 0.00	40.52 1.86 0.00	40.33 1.93 0.00	40.48 1.97 0.00	40.61 2.17 0.00	39.06 2.38 0.00	41.57 2.74 0.00	43.11 2.83 0.00	44.89 3.04 0.00	51.14 3.51 0.00	59.44 4.44 0.00	97.07 7.67 0.00	59.55 4.53 0.00	53.43 4.16 0.00	52.90 3.59 0.00	50.59 2.85 0.00	49.02 2.67 0.00	41.35 2.00 0.00

DANSKAMMER___4 23591	37.34 1.80 0.00	32.30 1.48 0.00	29.91 1.39 0.00	31.00 1.34 0.00	32.04 1.29 0.00	33.75 1.34 0.00	38.99 1.60 0.00	40.52 1.86 0.00	40.33 1.93 0.00	40.48 1.97 0.00	40.61 2.17 0.00	39.06 2.38 0.00	41.57 2.74 0.00	43.11 2.83 0.00	44.89 3.04 0.00	51.14 3.51 0.00	59.44 4.44 0.00	97.07 7.67 0.00	59.55 4.53 0.00	53.43 4.16 0.00	52.90 3.59 0.00	50.59 2.85 0.00	49.02 2.67 0.00	41.35 2.00 0.00
DANSKAMMER___DIESEL 23592	37.34 1.80 0.00	32.31 1.48 0.00	29.91 1.39 0.00	31.00 1.34 0.00	32.04 1.30 0.00	33.75 1.34 0.00	39.00 1.61 0.00	40.52 1.86 0.00	40.33 1.93 0.00	40.48 1.97 0.00	40.62 2.18 0.00	39.06 2.38 0.00	41.57 2.74 0.00	43.11 2.84 0.00	44.90 3.05 0.00	51.15 3.51 0.00	59.45 4.45 0.00	97.08 7.68 0.00	59.54 4.53 0.00	53.44 4.16 0.00	52.90 3.59 0.00	50.59 2.85 0.00	49.03 2.67 0.00	41.35 2.00 0.00
DARBY___SOLAR 323810	37.48 1.94 0.00	32.51 1.69 0.00	30.13 1.61 0.00	31.32 1.66 0.00	32.46 1.71 0.00	34.17 1.76 0.00	39.38 1.99 0.00	40.56 1.90 0.00	40.00 1.60 0.00	39.88 1.36 0.00	39.61 1.17 0.00	37.89 1.21 0.00	40.01 1.18 0.00	41.58 1.30 0.00	43.25 1.40 0.00	49.57 1.94 0.00	57.46 2.46 0.00	93.87 4.47 0.00	57.85 2.83 0.00	52.14 2.86 0.00	52.25 2.94 0.00	50.66 2.91 0.00	51.24 2.79 -2.10	42.26 2.23 -0.68
DASHVILLE___HYD 23610	37.13 1.59 0.00	32.06 1.24 0.00	29.68 1.15 0.00	30.76 1.10 0.00	31.79 1.04 0.00	33.49 1.08 0.00	38.70 1.32 0.00	40.27 1.62 0.00	40.13 1.72 0.00	40.26 1.74 0.00	40.40 1.96 0.00	38.86 2.18 0.00	41.38 2.55 0.00	42.90 2.63 0.00	44.69 2.84 0.00	50.95 3.31 0.00	59.22 4.22 0.00	96.72 7.32 0.00	59.37 4.35 0.00	53.28 4.00 0.00	52.69 3.38 0.00	50.37 2.62 0.00	48.19 2.49 0.65	40.95 1.81 0.21
DELAWARE___LFGE 323621	36.17 0.63 0.00	31.34 0.52 0.00	29.02 0.49 0.00	30.18 0.52 0.00	31.24 0.49 0.00	32.94 0.53 0.00	37.96 0.58 0.00	39.27 0.62 0.00	38.97 0.57 0.00	39.10 0.58 0.00	39.04 0.60 0.00	37.34 0.66 0.00	39.65 0.81 0.00	41.10 0.82 0.00	42.75 0.90 0.00	48.76 1.11 -0.02	56.41 1.34 -0.07	92.46 2.45 -0.60	56.98 1.52 -0.45	51.30 1.57 -0.46	51.23 1.42 -0.50	49.00 1.14 -0.11	47.55 1.07 -0.12	40.10 0.75 0.00
DERFIELD_115KV_TB7 355931	35.65 0.11 0.00	30.93 0.10 0.00	28.64 0.11 0.00	29.78 0.12 0.00	30.87 0.11 0.00	32.51 0.10 0.00	37.47 0.08 0.00	38.71 0.05 0.00	38.43 0.02 0.00	38.52 0.00 0.00	38.44 0.00 0.00	36.69 0.01 0.00	38.83 0.00 0.00	40.27 0.00 0.00	41.83 -0.02 0.00	47.64 0.01 0.00	55.06 0.06 0.00	89.58 0.18 0.00	55.17 0.15 0.00	49.52 0.24 0.00	49.50 0.19 0.00	47.89 0.15 0.00	46.53 0.17 0.00	39.46 0.11 0.00
DOGLEVILLE___HYD 23807	36.64 1.10 0.00	31.82 1.00 0.00	29.46 0.94 0.00	30.60 0.93 0.00	31.68 0.93 0.00	33.28 0.87 0.00	38.20 0.82 0.00	38.99 0.34 0.00	38.25 -0.16 0.00	38.14 -0.38 0.00	37.94 -0.50 0.00	36.36 -0.32 0.00	38.51 -0.33 0.00	39.96 -0.32 0.00	41.48 -0.37 0.00	47.40 -0.23 0.00	54.99 -0.02 0.00	90.54 1.14 0.00	56.22 1.20 0.00	51.04 1.76 0.00	51.12 1.81 0.00	49.49 1.74 0.00	48.06 1.70 0.00	40.53 1.19 0.00
DUNKIRK__115KV_TB_200 55889	33.43 -2.11 0.00	29.15 -1.67 0.00	26.86 -1.67 0.00	27.72 -1.94 0.00	28.54 -2.19 0.03	29.14 -2.47 0.80	21.09 -2.46 13.84	21.47 -2.34 14.84	30.53 -2.42 5.45	36.47 -2.05 0.00	36.34 -2.10 0.00	34.31 -1.92 0.45	24.34 -1.57 12.92	22.43 -1.72 16.13	25.49 -1.90 14.46	36.38 -1.72 9.53	36.09 -1.82 17.09	65.89 -2.59 20.91	47.26 -2.64 5.12	47.77 -1.51 0.00	47.94 -1.37 0.00	46.02 -1.73 0.00	44.55 -1.81 0.00	38.10 -1.25 0.00
DUNKIRK___1 23563	33.43 -2.11 0.00	29.15 -1.67 0.00	26.86 -1.67 0.00	27.72 -1.94 0.00	28.54 -2.19 0.03	29.14 -2.47 0.80	21.09 -2.46 13.84	21.47 -2.34 14.84	30.53 -2.42 5.45	36.47 -2.05 0.00	36.34 -2.10 0.00	34.31 -1.92 0.45	24.34 -1.57 12.92	22.43 -1.72 16.13	25.49 -1.90 14.46	36.38 -1.72 9.53	36.09 -1.82 17.09	65.89 -2.59 20.91	47.26 -2.64 5.12	47.77 -1.51 0.00	47.94 -1.37 0.00	46.02 -1.73 0.00	44.55 -1.81 0.00	38.10 -1.25 0.00
DUNKIRK___2 23564	33.43 -2.11 0.00	29.15 -1.67 0.00	26.86 -1.67 0.00	27.72 -1.94 0.00	28.54 -2.19 0.03	29.14 -2.47 0.80	21.09 -2.46 13.84	21.47 -2.34 14.84	30.53 -2.42 5.45	36.47 -2.05 0.00	36.34 -2.10 0.00	34.31 -1.92 0.45	24.34 -1.57 12.92	22.43 -1.72 16.13	25.49 -1.90 14.46	36.38 -1.72 9.53	36.09 -1.82 17.09	65.89 -2.59 20.91	47.26 -2.64 5.12	47.77 -1.51 0.00	47.94 -1.37 0.00	46.02 -1.73 0.00	44.55 -1.81 0.00	38.10 -1.25 0.00
DUNKIRK___3 23565	33.27 -2.27 0.00	29.06 -1.76 0.00	26.78 -1.75 0.00	27.68 -1.99 0.00	28.51 -2.21 0.03	29.08 -2.52 0.82	20.78 -2.51 14.10	21.13 -2.40 15.13	30.33 -2.51 5.56	36.31 -2.21 0.00	36.19 -2.25 0.00	34.16 -2.06 0.46	23.93 -1.72 13.17	21.96 -1.86 16.45	25.06 -2.05 14.74	35.96 -1.95 9.73	35.46 -2.11 17.43	64.97 -3.10 21.33	46.86 -2.94 5.22	47.40 -1.88 0.00	47.53 -1.78 0.00	45.68 -2.06 0.00	44.32 -2.03 0.00	38.01 -1.34 0.00
DUNKIRK___4 23566	33.27 -2.27 0.00	29.06 -1.76 0.00	26.78 -1.75 0.00	27.68 -1.99 0.00	28.51 -2.21 0.03	29.08 -2.52 0.82	20.78 -2.51 14.10	21.13 -2.40 15.13	30.33 -2.51 5.56	36.31 -2.21 0.00	36.19 -2.25 0.00	34.16 -2.06 0.46	23.93 -1.72 13.17	21.96 -1.86 16.45	25.06 -2.05 14.74	35.96 -1.95 9.73	35.46 -2.11 17.43	64.97 -3.10 21.33	46.86 -2.94 5.22	47.40 -1.88 0.00	47.53 -1.78 0.00	45.68 -2.06 0.00	44.32 -2.03 0.00	38.01 -1.34 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.23 1.69 0.00	32.21 1.39 0.00	29.84 1.32 0.00	30.91 1.25 0.00	31.94 1.20 0.00	33.62 1.21 0.00	38.84 1.46 0.00	40.40 1.74 0.00	40.27 1.86 0.00	40.48 1.96 0.00	40.67 2.23 0.00	39.12 2.44 0.00	41.66 2.83 0.00	43.15 2.87 0.00	44.93 3.08 0.00	51.10 3.47 0.00	59.27 4.27 0.00	96.63 7.23 0.00	59.22 4.20 0.00	53.15 3.87 0.00	52.55 3.24 0.00	50.20 2.46 0.00	48.75 2.40 0.00	41.16 1.81 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	37.08 1.55 0.00	32.06 1.24 0.00	29.69 1.16 0.00	30.77 1.10 0.00	31.81 1.06 0.00	33.50 1.09 0.00	38.71 1.32 0.00	40.22 1.56 0.00	40.02 1.61 0.00	40.16 1.64 0.00	40.30 1.86 0.00	38.73 2.05 0.00	41.23 2.40 0.00	42.76 2.48 0.00	44.53 2.68 0.00	50.68 3.04 0.00	58.89 3.88 0.00	96.19 6.79 0.00	59.03 4.01 0.00	53.00 3.72 0.00	52.48 3.17 0.00	50.19 2.44 0.00	48.64 2.28 0.00	41.02 1.68 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	37.23 1.69 0.00	32.30 1.48 0.00	29.93 1.40 0.00	31.00 1.34 0.00	32.01 1.26 0.00	33.74 1.33 0.00	39.00 1.61 0.00	40.68 2.02 0.00	40.61 2.20 0.00	40.78 2.27 0.00	40.97 2.53 0.00	39.68 2.65 -0.35	42.04 2.90 -0.31	51.74 2.98 -8.49	47.73 3.19 -2.69	51.70 3.57 -0.50	59.60 4.60 0.00	97.18 7.77 0.00	59.50 4.49 0.00	53.46 4.18 0.00	52.81 3.50 0.00	50.47 2.72 0.00	48.89 2.54 0.00	41.25 1.90 0.00

E179THST_13_KV_LOAD 356214	37.41 1.87 0.00	32.46 1.63 0.00	30.05 1.53 0.00	31.14 1.48 0.00	32.14 1.39 0.00	33.88 1.47 0.00	39.18 1.79 0.00	40.89 2.23 0.00	40.81 2.41 0.00	41.00 2.48 0.00	41.18 2.75 0.00	39.90 2.87 -0.35	42.27 3.13 -0.31	52.00 3.24 -8.49	47.99 3.44 -2.69	52.01 3.87 -0.50	59.97 4.96 0.00	97.75 8.35 0.00	59.86 4.84 0.00	53.77 4.49 0.00	53.11 3.81 0.00	50.76 3.02 0.00	49.18 2.83 0.00	41.48 2.13 0.00
EAST HAMPTON___GT 23717	37.09 1.55 0.00	32.11 1.28 0.00	30.30 1.77 0.00	31.52 1.85 0.00	32.57 1.82 0.00	34.30 1.89 0.00	40.03 2.64 0.00	41.74 3.08 0.00	41.13 2.72 0.00	41.01 2.50 0.00	41.71 3.27 0.00	39.66 3.17 0.19	42.26 3.98 0.55	44.06 4.24 0.45	45.87 4.43 0.41	52.75 5.19 0.08	60.52 5.52 0.00	96.75 7.35 0.00	59.27 4.25 0.00	53.57 4.29 0.00	52.69 3.38 0.00	43.13 1.76 6.38	47.60 1.24 0.00	39.97 0.62 0.00
EAST RIVER___6 23660	37.20 1.66 0.00	32.21 1.39 0.00	29.85 1.32 0.00	30.90 1.24 0.00	31.90 1.16 0.00	33.59 1.18 0.00	38.92 1.54 0.00	40.55 1.90 0.00	40.49 2.08 0.00	40.78 2.26 0.00	40.98 2.54 0.00	43.58 2.78 -4.12	54.26 3.16 -12.26	53.52 3.21 -10.03	54.36 3.42 -9.08	53.81 3.80 -2.37	59.67 4.67 0.00	97.21 7.81 0.00	59.55 4.53 0.00	53.49 4.21 0.00	52.84 3.53 0.00	50.44 2.70 0.00	49.00 2.64 0.00	41.37 2.02 0.00
EAST RIVER___7 23524	37.20 1.66 0.00	32.21 1.39 0.00	29.85 1.32 0.00	30.90 1.24 0.00	31.90 1.16 0.00	33.59 1.18 0.00	38.92 1.54 0.00	40.55 1.90 0.00	40.49 2.08 0.00	40.78 2.26 0.00	40.98 2.54 0.00	43.58 2.78 -4.12	54.26 3.16 -12.26	53.52 3.21 -10.03	54.36 3.42 -9.08	53.81 3.80 -2.37	59.67 4.67 0.00	97.21 7.81 0.00	59.55 4.53 0.00	53.49 4.21 0.00	52.84 3.53 0.00	50.44 2.70 0.00	49.00 2.64 0.00	41.37 2.02 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.16 1.62 0.00	32.14 1.32 0.00	29.78 1.26 0.00	30.85 1.19 0.00	31.89 1.14 0.00	33.57 1.15 0.00	38.78 1.39 0.00	40.34 1.68 0.00	40.19 1.78 0.00	40.39 1.87 0.00	40.57 2.13 0.00	39.09 2.33 -0.09	41.80 2.71 -0.26	43.25 2.76 -0.21	45.00 2.95 -0.19	51.02 3.33 -0.05	59.16 4.15 0.00	96.45 7.05 0.00	59.11 4.09 0.00	53.05 3.77 0.00	52.46 3.15 0.00	50.14 2.39 0.00	48.66 2.30 0.00	41.07 1.73 0.00
EAST_HAMPTON___DIESEL 23722	37.02 1.48 0.00	32.05 1.23 0.00	30.27 1.74 0.00	31.48 1.82 0.00	32.54 1.79 0.00	34.27 1.85 0.00	40.00 2.61 0.00	41.72 3.06 0.00	41.10 2.69 0.00	41.00 2.48 0.00	41.71 3.27 0.00	39.66 3.17 0.19	42.27 3.99 0.55	44.07 4.25 0.45	45.87 4.43 0.41	52.74 5.18 0.08	60.49 5.50 0.00	96.65 7.25 0.00	59.18 4.16 0.00	53.48 4.21 0.00	52.61 3.30 0.00	43.07 1.70 6.38	47.51 1.16 0.00	39.90 0.55 0.00
EAST_POINT___SOLAR 323840	37.35 1.81 0.00	32.28 1.45 0.00	29.80 1.28 0.00	31.00 1.34 0.00	32.15 1.40 0.00	33.97 1.55 0.00	38.73 1.34 0.00	39.07 0.42 0.00	38.56 0.15 0.00	38.55 0.03 0.00	38.40 -0.04 0.00	36.52 -0.17 0.00	38.62 -0.21 0.00	40.06 -0.22 0.00	41.70 -0.15 0.00	47.59 -0.05 0.00	55.06 0.06 0.00	90.89 1.49 0.00	56.66 1.64 0.00	52.01 2.74 0.00	52.75 3.45 0.00	50.99 3.24 0.00	50.46 3.07 -1.03	42.16 2.47 -0.33
EAST_PULASKI___ESR 323781	34.64 -0.90 0.00	30.07 -0.75 0.00	27.83 -0.69 0.00	28.96 -0.70 0.00	30.16 -0.59 0.00	31.84 -0.57 0.00	36.79 -0.59 0.00	37.81 -0.84 0.00	37.53 -0.88 0.00	37.54 -0.98 0.00	37.35 -1.09 0.00	35.55 -1.13 0.00	37.55 -1.28 0.00	38.95 -1.32 0.00	40.47 -1.38 0.00	46.33 -1.45 -0.15	53.83 -1.66 -0.49	91.48 -2.45 -4.53	57.27 -1.14 -3.38	52.20 -0.51 -3.43	52.65 -0.41 -3.75	48.01 -0.56 -0.83	46.68 -0.56 -0.89	38.90 -0.47 -0.03
EAST_RIVER___1 323558	37.20 1.66 0.00	32.22 1.39 0.00	29.86 1.33 0.00	30.92 1.26 0.00	31.91 1.17 0.00	33.60 1.18 0.00	38.89 1.50 0.00	40.52 1.87 0.00	40.46 2.05 0.00	40.73 2.22 0.00	40.93 2.49 0.00	43.53 2.73 -4.12	54.20 3.10 -12.26	53.44 3.14 -10.03	54.30 3.37 -9.08	53.73 3.72 -2.37	59.58 4.57 0.00	97.07 7.67 0.00	59.44 4.43 0.00	53.40 4.12 0.00	52.75 3.44 0.00	50.36 2.62 0.00	48.92 2.56 0.00	41.29 1.94 0.00
EAST_RIVER___2 323559	37.20 1.66 0.00	32.21 1.39 0.00	29.85 1.32 0.00	30.90 1.24 0.00	31.90 1.16 0.00	33.59 1.18 0.00	38.92 1.54 0.00	40.55 1.90 0.00	40.49 2.08 0.00	40.78 2.26 0.00	40.98 2.54 0.00	43.58 2.78 -4.12	54.26 3.16 -12.26	53.52 3.21 -10.03	54.36 3.42 -9.08	53.81 3.80 -2.37	59.67 4.67 0.00	97.21 7.81 0.00	59.55 4.53 0.00	53.49 4.21 0.00	52.84 3.53 0.00	50.44 2.70 0.00	49.00 2.64 0.00	41.37 2.02 0.00
EAST___DELAWARE_HYD 23607	36.48 0.94 0.00	31.50 0.68 0.00	29.16 0.64 0.00	30.23 0.57 0.00	31.26 0.51 0.00	32.95 0.54 0.00	38.08 0.69 0.00	39.53 0.88 0.00	39.04 0.64 0.00	39.14 0.63 0.00	39.22 0.78 0.00	37.66 0.98 0.00	40.12 1.29 0.00	41.59 1.32 0.00	43.38 1.53 0.00	49.43 1.80 0.00	57.56 2.56 0.00	94.27 4.87 0.00	57.95 2.94 0.00	52.06 2.78 0.00	51.59 2.28 0.00	49.32 1.57 0.00	47.57 1.39 0.18	40.19 0.90 0.06
EIGHT_POINT___WT_PWR 323820	33.90 -1.64 0.00	29.36 -1.46 0.00	27.05 -1.47 0.00	28.28 -1.38 0.00	29.13 -1.71 -0.09	33.11 -2.33 -3.03	87.01 -2.54 -52.17	92.16 -2.47 -55.97	56.52 -2.45 -20.57	36.34 -2.17 0.00	36.00 -2.43 0.00	35.79 -2.59 -1.70	85.34 -2.12 -48.63	99.16 -1.90 -60.79	94.24 -2.08 -54.47	81.41 -2.20 -35.96	117.51 -1.97 -64.48	166.59 -2.50 -79.69	73.49 -1.41 -19.88	49.83 -0.01 -0.56	49.94 -0.02 -0.65	47.57 -0.34 -0.16	46.22 -0.31 -0.18	39.52 0.17 0.00
ELBRIDGE_115KV_TB2 80188	34.99 -0.55 0.00	30.36 -0.47 0.00	28.06 -0.46 0.00	29.20 -0.46 0.00	30.25 -0.50 0.00	31.80 -0.62 0.00	36.70 -0.68 0.00	37.84 -0.82 0.00	37.49 -0.92 0.00	37.60 -0.92 0.00	37.50 -0.94 0.00	35.75 -0.93 0.00	37.87 -0.96 0.00	39.33 -0.94 0.00	40.91 -0.94 0.00	46.81 -0.92 -0.10	54.34 -1.01 -0.35	91.35 -1.31 -3.25	56.61 -0.84 -2.43	51.38 -0.36 -2.46	51.60 -0.40 -2.69	47.78 -0.55 -0.59	46.43 -0.57 -0.64	38.86 -0.50 -0.02
ELEC_TRO_TEK 24086	37.51 1.97 0.00	32.37 1.55 0.00	30.07 1.55 0.00	31.11 1.45 0.00	32.15 1.40 0.00	33.75 1.33 0.00	39.00 1.61 0.00	40.59 1.93 0.00	40.32 1.91 0.00	40.45 1.93 0.00	40.75 2.31 0.00	39.10 2.61 0.19	41.39 3.11 0.55	42.84 3.02 0.45	44.65 3.21 0.41	51.03 3.45 0.05	59.15 4.15 0.00	96.39 6.99 0.00	59.14 4.12 0.00	53.19 3.91 0.00	52.37 3.06 0.00	48.23 1.99 1.50	48.39 2.03 0.00	40.84 1.50 0.00
ELLENBURG_WT_PWR 323604	35.11 -0.43 0.00	30.53 -0.30 0.00	28.27 -0.26 0.00	29.46 -0.20 0.00	30.56 -0.19 0.00	32.32 -0.09 0.00	37.30 -0.09 0.00	38.71 0.06 0.00	38.64 0.23 0.00	38.81 0.29 0.00	38.70 0.26 0.00	36.81 0.13 0.00	38.89 0.06 0.00	40.40 0.12 0.00	41.96 0.11 0.00	47.74 0.10 0.00	54.98 -0.02 0.00	89.02 -0.39 0.00	54.70 -0.31 0.00	48.85 -0.43 0.00	49.07 -0.25 0.00	47.66 -0.08 0.00	46.18 -0.17 0.00	39.25 -0.10 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.92 -2.62 0.00	28.90 -1.92 0.00	26.56 -1.96 0.00	27.52 -2.14 0.00	28.36 -2.37 0.03	28.91 -2.68 0.82	20.43 -2.77 14.20	20.74 -2.69 15.23	30.01 -2.80 5.60	35.92 -2.60 0.00	35.78 -2.66 0.00	33.67 -2.55 0.46	23.27 -2.33 13.23	21.26 -2.48 16.53	24.38 -2.66 14.82	35.11 -2.75 9.78	34.49 -3.00 17.51	63.25 -4.72 21.43	46.02 -3.75 5.25	46.42 -2.85 0.00	46.50 -2.81 0.00	44.91 -2.84 0.00	43.71 -2.64 0.00	37.74 -1.61 0.00
EMPIRE_CC_1 323656	36.67 1.13 0.00	31.96 1.14 0.00	29.61 1.09 0.00	30.80 1.14 0.00	31.90 1.15 0.00	33.50 1.09 0.00	38.46 1.07 0.00	39.64 0.98 0.00	39.29 0.89 0.00	39.21 0.70 0.00	39.05 0.61 0.00	37.38 0.71 0.00	39.49 0.66 0.00	40.95 0.67 0.00	42.49 0.64 0.00	48.40 0.77 0.00	55.92 0.92 0.00	90.62 1.21 0.00	56.22 1.20 0.00	50.47 1.19 0.00	50.43 1.12 0.00	49.04 1.29 0.00	50.74 1.34 -3.05	41.41 1.08 -0.99
EMPIRE_CC_2 323658	36.67 1.13 0.00	31.96 1.14 0.00	29.61 1.09 0.00	30.80 1.14 0.00	31.90 1.15 0.00	33.50 1.09 0.00	38.46 1.07 0.00	39.64 0.98 0.00	39.29 0.89 0.00	39.21 0.70 0.00	39.05 0.61 0.00	37.38 0.71 0.00	39.49 0.66 0.00	40.95 0.67 0.00	42.49 0.64 0.00	48.40 0.77 0.00	55.92 0.92 0.00	90.62 1.21 0.00	56.22 1.20 0.00	50.47 1.19 0.00	50.43 1.12 0.00	49.04 1.29 0.00	50.74 1.34 -3.05	41.41 1.08 -0.99
ENORWICH_115KV_TB1 80156	37.44 1.90 0.00	32.29 1.47 0.00	29.87 1.34 0.00	31.01 1.35 0.00	32.23 1.47 -0.01	34.01 1.42 -0.18	42.34 1.93 -3.03	43.48 1.58 -3.25	40.48 0.88 -1.19	39.16 0.64 0.00	38.63 0.19 0.00	36.88 0.10 -0.10	41.95 0.29 -2.82	44.13 0.33 -3.53	45.42 0.41 -3.16	50.54 0.78 -2.13	60.22 1.34 -3.88	99.30 4.03 -5.87	60.28 3.17 -2.09	54.44 4.19 -0.98	54.80 4.42 -1.07	51.91 3.93 -0.24	49.98 3.37 -0.26	41.69 2.34 -0.01
ERIE_ST__34_KV_TB1-2 80199	33.31 -2.23 0.00	29.18 -1.64 0.00	26.85 -1.67 0.00	27.81 -1.85 0.00	28.67 -2.06 0.02	29.33 -2.32 0.76	22.07 -2.53 13.05	22.51 -2.26 14.00	30.99 -2.27 5.14	36.39 -2.12 0.00	36.27 -2.17 0.00	34.22 -2.04 0.42	24.98 -1.70 12.15	23.32 -1.79 15.16	26.32 -1.94 13.59	36.84 -1.84 8.96	37.00 -1.95 16.06	66.80 -2.94 19.66	47.40 -2.80 4.81	47.17 -2.11 0.00	47.27 -2.03 0.00	45.65 -2.10 0.00	44.38 -1.98 0.00	38.24 -1.11 0.00
ERIE_WT_PWR 323693	33.13 -2.41 0.00	29.06 -1.77 0.00	26.72 -1.81 0.00	27.67 -1.99 0.00	28.50 -2.22 0.03	29.09 -2.51 0.82	20.76 -2.53 14.09	21.08 -2.46 15.12	30.24 -2.62 5.56	36.08 -2.43 0.00	35.97 -2.47 0.00	33.83 -2.40 0.46	23.59 -2.11 13.13	21.64 -2.24 16.39	24.78 -2.39 14.69	35.53 -2.42 9.69	35.13 -2.52 17.36	64.20 -3.96 21.24	46.50 -3.32 5.20	46.80 -2.48 0.00	46.90 -2.41 0.00	45.30 -2.45 0.00	44.03 -2.32 0.00	38.01 -1.34 0.00
ESPRGFLD_115KV_TB1 80157	36.39 0.85 0.00	31.42 0.60 0.00	29.01 0.48 0.00	30.19 0.53 0.00	31.28 0.54 0.00	33.07 0.65 0.00	38.24 0.86 0.00	39.40 0.74 0.00	39.07 0.67 0.00	39.18 0.66 0.00	39.12 0.69 0.00	37.28 0.60 0.00	39.52 0.69 0.00	40.97 0.70 0.00	42.63 0.78 0.00	48.65 1.02 0.00	56.14 1.14 0.00	91.98 2.58 0.00	56.83 1.81 0.00	51.35 2.07 0.00	51.44 2.13 0.00	49.58 1.83 0.00	48.78 1.71 -0.72	40.89 1.32 -0.23
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.71 0.17 0.00	30.94 0.12 0.00	28.63 0.10 0.00	29.75 0.09 0.00	30.83 0.07 -0.01	32.69 -0.02 -0.30	42.57 0.08 -5.10	44.03 -0.09 -5.47	40.02 -0.40 -2.01	38.03 -0.49 0.00	37.86 -0.58 0.00	36.29 -0.55 -0.17	43.17 -0.41 -4.75	45.83 -0.38 -5.94	46.77 -0.40 -5.32	51.00 -0.20 -3.57	61.39 -0.10 -6.48	99.40 0.51 -9.48	58.69 0.46 -3.21	51.75 1.13 -1.34	51.94 1.17 -1.47	48.93 0.86 -0.33	47.43 0.72 -0.35	39.88 0.52 -0.01
ETNA____115KV_TB2 80207	35.71 0.17 0.00	30.94 0.12 0.00	28.63 0.10 0.00	29.75 0.09 0.00	30.83 0.07 -0.01	32.69 -0.02 -0.30	42.57 0.08 -5.10	44.03 -0.09 -5.47	40.02 -0.40 -2.01	38.03 -0.49 0.00	37.86 -0.58 0.00	36.29 -0.55 -0.17	43.17 -0.41 -4.75	45.83 -0.38 -5.94	46.77 -0.40 -5.32	51.00 -0.20 -3.57	61.39 -0.10 -6.48	99.40 0.51 -9.48	58.69 0.46 -3.21	51.75 1.13 -1.34	51.94 1.17 -1.47	48.93 0.86 -0.33	47.43 0.72 -0.35	39.88 0.52 -0.01
EUCLID__115KV_TB2 356179	34.81 -0.73 0.00	30.23 -0.60 0.00	27.94 -0.58 0.00	29.04 -0.62 0.00	30.09 -0.66 0.00	31.68 -0.74 0.00	36.55 -0.84 0.00	37.71 -0.95 0.00	37.42 -0.99 0.00	37.55 -0.97 0.00	37.44 -0.99 0.00	35.66 -1.02 0.00	37.77 -1.07 0.00	39.19 -1.08 0.00	40.75 -1.10 0.00	46.56 -1.12 -0.04	53.99 -1.16 -0.15	89.16 -1.65 -1.41	55.02 -1.05 -1.05	49.64 -0.70 -1.07	49.69 -0.79 -1.17	47.11 -0.90 -0.26	45.71 -0.92 -0.28	38.61 -0.75 -0.01
E_CANADA_CAP_HY 24051	36.72 1.19 0.00	31.74 0.92 0.00	29.28 0.75 0.00	30.48 0.82 0.00	31.61 0.86 0.00	33.43 1.01 0.00	38.55 1.16 0.00	39.48 0.82 0.00	39.10 0.69 0.00	39.12 0.60 0.00	39.05 0.61 0.00	37.15 0.48 0.00	39.31 0.47 0.00	40.74 0.47 0.00	42.36 0.50 0.00	48.30 0.67 0.00	55.65 0.64 0.00	91.37 1.97 0.00	56.62 1.61 0.00	51.30 2.02 0.00	51.59 2.28 0.00	49.84 2.10 0.00	49.38 2.08 -0.95	41.37 1.71 -0.31
E_CANADA_MHWK_HY 24050	36.64 1.10 0.00	31.82 1.00 0.00	29.46 0.94 0.00	30.60 0.93 0.00	31.68 0.93 0.00	33.28 0.87 0.00	38.20 0.82 0.00	38.99 0.34 0.00	38.25 -0.16 0.00	38.14 -0.38 0.00	37.94 -0.50 0.00	36.36 -0.32 0.00	38.51 -0.32 0.00	39.96 -0.32 0.00	41.48 -0.37 0.00	47.40 -0.23 0.00	54.99 -0.01 0.00	90.54 1.14 0.00	56.22 1.20 0.00	51.04 1.76 0.00	51.12 1.81 0.00	49.49 1.74 0.00	48.06 1.70 0.00	40.53 1.19 0.00
E_FISHKILL__LBMP 23776	36.98 1.44 0.00	32.00 1.17 0.00	29.64 1.12 0.00	30.73 1.07 0.00	31.76 1.01 0.00	33.45 1.04 0.00	38.61 1.22 0.00	40.11 1.46 0.00	39.95 1.54 0.00	40.11 1.60 0.00	40.24 1.81 0.00	38.69 2.01 0.00	41.14 2.31 0.00	42.62 2.34 0.00	44.36 2.51 0.00	50.45 2.82 0.00	58.51 3.51 0.00	95.38 5.97 0.00	58.52 3.50 0.00	52.52 3.24 0.00	52.01 2.70 0.00	49.80 2.06 0.00	48.35 2.00 0.00	40.84 1.49 0.00
FALCON__SEABRD_CC1 323796	35.41 -0.13 0.00	30.82 -0.01 0.00	28.56 0.04 0.00	29.74 0.08 0.00	30.85 0.10 0.00	32.66 0.24 0.00	37.67 0.28 0.00	39.11 0.45 0.00	39.03 0.62 0.00	39.17 0.65 0.00	39.10 0.66 0.00	37.14 0.47 0.00	39.23 0.40 0.00	40.80 0.52 0.00	42.36 0.51 0.00	48.26 0.62 0.00	55.57 0.57 0.00	90.08 0.67 0.00	55.24 0.22 0.00	49.46 0.18 0.00	49.63 0.32 0.00	48.25 0.50 0.00	46.73 0.38 0.00	39.71 0.36 0.00
FALCON__SEABRD_CC2 323797	35.41 -0.13 0.00	30.82 -0.01 0.00	28.56 0.04 0.00	29.74 0.08 0.00	30.85 0.10 0.00	32.66 0.24 0.00	37.67 0.28 0.00	39.11 0.45 0.00	39.03 0.62 0.00	39.17 0.65 0.00	39.10 0.66 0.00	37.14 0.47 0.00	39.23 0.40 0.00	40.80 0.52 0.00	42.36 0.51 0.00	48.26 0.62 0.00	55.57 0.57 0.00	90.08 0.67 0.00	55.24 0.22 0.00	49.46 0.18 0.00	49.63 0.32 0.00	48.25 0.50 0.00	46.73 0.38 0.00	39.71 0.36 0.00

FAR ROCKAWAY___4 23548	37.95 2.41 0.00	32.73 1.90 0.00	30.39 1.87 0.00	31.44 1.78 0.00	32.48 1.73 0.00	34.10 1.69 0.00	39.42 2.04 0.00	41.07 2.41 0.00	40.80 2.39 0.00	40.97 2.46 0.00	41.32 2.89 0.00	39.69 3.20 0.19	42.07 3.79 0.55	43.56 3.74 0.45	45.43 3.99 0.41	51.92 4.34 0.05	60.18 5.18 0.00	98.05 8.64 0.00	60.14 5.12 0.00	54.09 4.81 0.00	53.27 3.96 0.00	49.93 2.79 0.60	49.11 2.76 0.00	41.43 2.08 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	37.23 1.69 0.00	32.24 1.41 0.00	29.88 1.36 0.00	30.94 1.28 0.00	31.94 1.19 0.00	33.62 1.20 0.00	38.92 1.53 0.00	40.56 1.90 0.00	40.49 2.08 0.00	40.76 2.24 0.00	40.96 2.53 0.00	43.64 2.75 -4.21	54.47 3.12 -12.52	53.69 3.18 -10.24	54.52 3.39 -9.27	53.81 3.76 -2.42	59.64 4.64 0.00	97.14 7.74 0.00	59.49 4.47 0.00	53.42 4.14 0.00	52.78 3.47 0.00	50.39 2.64 0.00	48.95 2.59 0.00	41.31 1.97 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	37.23 1.69 0.00	32.24 1.41 0.00	29.88 1.36 0.00	30.94 1.28 0.00	31.94 1.19 0.00	33.62 1.20 0.00	38.91 1.52 0.00	40.55 1.89 0.00	40.48 2.07 0.00	40.74 2.22 0.00	40.95 2.52 0.00	43.63 2.74 -4.21	54.45 3.10 -12.52	53.67 3.16 -10.24	54.50 3.37 -9.27	53.80 3.75 -2.42	59.61 4.61 0.00	97.14 7.74 0.00	59.47 4.45 0.00	53.42 4.14 0.00	52.77 3.46 0.00	50.39 2.64 0.00	48.95 2.59 0.00	41.31 1.97 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.20 1.66 0.00	32.22 1.39 0.00	29.86 1.34 0.00	30.92 1.26 0.00	31.92 1.17 0.00	33.60 1.19 0.00	38.88 1.50 0.00	40.54 1.88 0.00	40.47 2.06 0.00	40.73 2.22 0.00	40.94 2.50 0.00	43.61 2.72 -4.21	54.44 3.08 -12.52	53.65 3.14 -10.24	54.48 3.35 -9.27	53.77 3.71 -2.42	59.58 4.58 0.00	97.06 7.65 0.00	59.44 4.42 0.00	53.37 4.09 0.00	52.72 3.41 0.00	50.34 2.60 0.00	48.90 2.55 0.00	41.28 1.93 0.00
FARRAGUT___LBMP 323566	37.17 1.63 0.00	32.19 1.37 0.00	29.84 1.32 0.00	30.90 1.24 0.00	31.90 1.15 0.00	33.58 1.16 0.00	38.85 1.47 0.00	40.50 1.84 0.00	40.42 2.02 0.00	40.69 2.18 0.00	40.90 2.46 0.00	43.57 2.68 -4.21	54.39 3.79 -12.52	53.61 3.74 -10.24	54.43 3.30 -9.27	53.71 3.66 -2.42	59.52 4.52 0.00	96.96 7.56 0.00	59.38 4.37 0.00	53.33 4.05 0.00	52.69 3.38 0.00	50.31 2.56 0.00	48.86 2.51 0.00	41.25 1.91 0.00
FARRCKWY_69_KV_BK2 55825	37.95 2.41 0.00	32.73 1.90 0.00	30.39 1.87 0.00	31.44 1.78 0.00	32.48 1.73 0.00	34.10 1.69 0.00	39.42 2.04 0.00	41.07 2.41 0.00	40.80 2.39 0.00	40.97 2.46 0.00	41.32 2.89 0.00	39.69 3.20 0.19	42.07 3.79 0.55	43.56 3.74 0.45	45.43 3.99 0.41	51.92 4.34 0.05	60.18 5.18 0.00	98.05 8.64 0.00	60.14 5.12 0.00	54.09 4.81 0.00	53.27 3.96 0.00	49.93 2.79 0.60	49.11 2.76 0.00	41.43 2.08 0.00
FENNER___WINDPWR 24204	35.88 0.34 0.00	31.12 0.30 0.00	28.81 0.28 0.00	29.92 0.26 0.00	31.06 0.31 0.00	32.72 0.30 0.00	37.82 0.43 0.00	38.88 0.22 0.00	38.43 0.02 0.00	38.50 -0.01 0.00	38.35 -0.08 0.00	36.58 -0.10 0.00	38.79 -0.04 0.00	40.24 -0.04 0.00	41.84 -0.01 0.00	47.88 0.21 -0.04	55.57 0.42 -0.14	92.01 1.28 -1.33	57.01 1.00 -0.99	51.64 1.36 -1.01	51.70 1.29 -1.10	49.10 1.11 -0.24	47.54 0.93 -0.26	40.05 0.69 -0.01
FIBERTEK___ENERGY 23856	35.15 -0.38 0.00	30.51 -0.31 0.00	28.21 -0.31 0.00	29.33 -0.33 0.00	30.39 -0.36 0.00	31.98 -0.44 0.00	36.91 -0.48 0.00	38.05 -0.61 0.00	37.70 -0.71 0.00	37.81 -0.70 0.00	37.71 -0.73 0.00	35.93 -0.75 0.00	38.06 -0.77 0.00	39.53 -0.75 0.00	41.11 -0.74 0.00	47.06 -0.67 -0.10	54.68 -0.65 -0.33	91.77 -0.68 -3.05	56.85 -0.45 -2.28	51.52 -0.07 -2.31	51.68 -0.15 -2.52	47.98 -0.32 -0.56	46.58 -0.37 -0.60	39.05 -0.31 -0.02
FITZPATRICK___ 23598	34.43 -1.11 0.00	29.90 -0.92 0.00	27.65 -0.87 0.00	28.75 -0.92 0.00	29.79 -0.96 0.00	31.37 -1.04 0.00	36.17 -1.21 0.00	37.32 -1.34 0.00	37.03 -1.38 0.00	37.15 -1.37 0.00	37.03 -1.40 0.00	35.25 -1.43 0.00	37.26 -1.57 0.00	38.66 -1.62 0.00	40.20 -1.66 0.00	45.28 -1.82 0.53	51.18 -2.04 1.79	69.66 -3.16 16.58	40.68 -1.94 12.39	35.16 -1.56 12.56	33.99 -1.59 13.73	43.08 -1.64 3.03	41.47 -1.61 3.28	37.95 -1.31 0.10
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.42 1.88 0.00	32.37 1.55 0.00	29.97 1.45 0.00	31.06 1.40 0.00	32.10 1.35 0.00	33.81 1.40 0.00	39.07 1.69 0.00	40.60 1.94 0.00	40.43 2.02 0.00	40.57 2.06 0.00	40.72 2.28 0.00	39.17 2.49 0.00	41.69 2.85 0.00	43.24 2.96 0.00	45.02 3.17 0.00	51.31 3.67 0.00	59.61 4.61 0.00	97.38 7.97 0.00	59.73 4.71 0.00	53.59 4.31 0.00	53.04 3.74 0.00	50.71 2.97 0.00	49.15 2.79 0.00	41.45 2.10 0.00
FORT ORANGE___ 23900	36.34 0.80 0.00	31.79 0.97 0.00	29.45 0.92 0.00	30.62 0.96 0.00	31.71 0.96 0.00	33.30 0.88 0.00	38.14 0.75 0.00	39.35 0.70 0.00	38.99 0.58 0.00	38.98 0.47 0.00	38.88 0.45 0.00	37.24 0.56 0.00	39.41 0.58 0.00	40.84 0.56 0.00	42.34 0.49 0.00	48.15 0.51 0.00	55.61 0.61 0.00	90.44 1.04 0.00	55.95 0.93 0.00	50.24 0.96 0.00	50.19 0.88 0.00	48.62 0.88 5.09	42.14 0.88 1.65	38.35 0.65
FORT_DRUM_COGEN 23780	34.48 -1.06 0.00	29.89 -0.94 0.00	27.79 -0.74 0.00	29.05 -0.61 0.00	30.67 -0.08 0.00	32.59 0.17 0.00	37.82 0.43 0.00	38.55 -0.10 0.00	38.24 -0.17 0.00	38.14 -0.37 0.00	37.80 -0.64 0.00	35.99 -0.69 0.00	37.91 -0.92 0.00	39.31 -0.97 0.00	40.90 -0.95 0.00	46.97 -0.73 -0.07	54.32 -0.92 -0.24	90.36 -1.25 -2.21	56.86 0.19 -1.65	52.43 1.48 -1.67	53.05 1.92 -1.83	49.74 1.59 -0.40	47.98 1.19 -0.44	40.17 0.81 -0.01
FOX_HILLS___ESR 323835	37.20 1.66 0.00	32.23 1.41 0.00	29.88 1.36 0.00	30.92 1.26 0.00	31.92 1.17 0.00	33.62 1.20 0.00	38.90 1.51 0.00	40.49 1.84 0.00	40.48 2.07 0.00	40.79 2.27 0.00	40.98 2.55 0.00	43.85 2.73 -4.45	55.38 3.01 -13.54	54.55 3.10 -11.18	55.16 3.28 -10.03	54.05 3.77 -2.64	59.59 4.58 0.00	96.72 7.32 0.00	59.34 4.32 0.00	53.44 4.17 0.00	52.72 3.41 0.00	50.34 2.60 0.00	48.98 2.63 0.00	41.34 1.99 0.00
FPL_FAR_ROCK_GT1 24212	37.95 2.41 0.00	32.72 1.90 0.00	30.39 1.87 0.00	31.44 1.78 0.00	32.48 1.73 0.00	34.10 1.69 0.00	39.42 2.03 0.00	41.07 2.41 0.00	40.80 2.39 0.00	40.97 2.46 0.00	41.32 2.88 0.00	39.70 3.20 0.19	42.07 3.80 0.55	43.57 3.75 0.45	45.43 3.98 0.41	51.92 4.34 0.05	60.17 5.17 0.00	98.04 8.64 0.00	60.13 5.11 0.00	54.09 4.81 0.00	53.26 3.95 0.00	49.93 2.79 0.60	49.11 2.75 0.00	41.43 2.08 0.00
FPL_FAR_ROCK_GT2 23815	37.95 2.41 0.00	32.72 1.90 0.00	30.39 1.87 0.00	31.44 1.78 0.00	32.48 1.73 0.00	34.10 1.69 0.00	39.42 2.03 0.00	41.07 2.41 0.00	40.80 2.39 0.00	40.97 2.46 0.00	41.32 2.88 0.00	39.70 3.20 0.19	42.07 3.80 0.55	43.57 3.75 0.45	45.43 3.98 0.41	51.92 4.34 0.05	60.17 5.17 0.00	98.04 8.64 0.00	60.13 5.11 0.00	54.09 4.81 0.00	53.26 3.95 0.00	49.93 2.79 0.60	49.11 2.75 0.00	41.43 2.08 0.00

FRANKLIN_FALL_HYD 24054	35.28 -0.26 0.00	30.66 -0.16 0.00	28.38 -0.14 0.00	29.57 -0.09 0.00	30.70 -0.05 0.00	32.50 0.08 0.00	37.53 0.15 0.00	38.93 0.27 0.00	38.85 0.44 0.00	38.94 0.43 0.00	38.79 0.35 0.00	36.89 0.21 0.00	38.96 0.13 0.00	40.50 0.23 0.00	42.09 0.24 0.00	47.78 0.14 0.00	54.93 -0.06 0.00	88.84 -0.56 0.00	54.66 -0.35 0.00	48.88 -0.39 0.00	49.17 -0.14 0.00	47.76 0.02 0.00	46.30 -0.05 0.00	39.42 0.07 0.00
FREEPORT_EQUS_GT1 23764	37.81 2.27 0.00	32.59 1.77 0.00	30.28 1.75 0.00	31.32 1.66 0.00	32.34 1.60 0.00	33.94 1.53 0.00	39.22 1.84 0.00	40.85 2.19 0.00	40.55 2.14 0.00	40.66 2.14 0.00	40.96 2.52 0.00	39.35 2.85 0.19	41.69 3.41 0.55	43.15 3.32 0.45	44.99 3.54 0.41	51.37 3.80 0.07	59.62 4.62 0.00	97.24 7.83 0.00	59.65 4.63 0.00	53.65 4.37 0.00	52.76 3.45 0.00	46.38 2.27 3.64	48.67 2.32 0.00	41.10 1.75 0.00
FREEPORT___CT2 23818	37.81 2.27 0.00	32.59 1.77 0.00	30.28 1.75 0.00	31.32 1.66 0.00	32.34 1.60 0.00	33.94 1.53 0.00	39.22 1.84 0.00	40.85 2.19 0.00	40.55 2.14 0.00	40.66 2.14 0.00	40.96 2.52 0.00	39.35 2.85 0.19	41.69 3.41 0.55	43.15 3.32 0.45	44.99 3.54 0.41	51.37 3.80 0.07	59.62 4.62 0.00	97.24 7.83 0.00	59.65 4.63 0.00	53.65 4.37 0.00	52.76 3.45 0.00	46.38 2.27 3.64	48.67 2.32 0.00	41.10 1.75 0.00
FRESHKLS_33_KV_LOAD 356253	37.30 1.77 0.00	32.32 1.49 0.00	29.96 1.44 0.00	31.01 1.35 0.00	32.01 1.26 0.00	33.71 1.30 0.00	38.99 1.61 0.00	40.56 1.91 0.00	40.51 2.10 0.00	40.78 2.26 0.00	40.96 2.53 0.00	43.81 2.69 -4.45	55.33 2.96 -13.54	54.53 3.08 -11.18	55.12 3.23 -10.03	54.02 3.75 -2.64	59.64 4.63 0.00	96.70 7.29 0.00	59.40 4.38 0.00	53.61 4.33 0.00	52.91 3.60 0.00	50.49 2.75 0.00	49.12 2.77 0.00	41.43 2.08 0.00
FULTON COGEN____ 23766	34.52 -1.02 0.00	29.97 -0.85 0.00	27.72 -0.81 0.00	28.81 -0.86 0.00	29.85 -0.90 0.00	31.45 -0.97 0.00	36.28 -1.11 0.00	37.41 -1.24 0.00	37.12 -1.29 0.00	37.21 -1.31 0.00	37.08 -1.35 0.00	35.29 -1.38 0.00	37.34 -1.49 0.00	38.75 -1.53 0.00	40.27 -1.58 0.00	46.10 -1.71 -0.17	53.70 -1.88 -0.58	91.97 -2.81 -5.38	57.37 -1.67 -4.02	52.12 -1.23 -4.07	52.48 -1.29 -4.45	47.36 -1.37 -0.98	46.08 -1.34 -1.06	38.28 -1.10 -0.03
FULTON___LFGE 323630	37.15 1.61 0.00	32.12 1.30 0.00	29.67 1.15 0.00	30.87 1.21 0.00	31.99 1.25 0.00	33.77 1.35 0.00	38.83 1.44 0.00	39.52 0.86 0.00	38.95 0.54 0.00	38.84 0.32 0.00	38.71 0.27 0.00	36.87 0.19 0.00	39.01 0.18 0.00	40.47 0.19 0.00	42.07 0.22 0.00	48.03 0.40 0.00	55.56 0.56 0.00	91.67 2.27 0.00	57.03 2.01 0.00	51.82 2.54 0.00	52.19 2.89 0.00	50.47 2.73 0.00	50.00 2.59 -1.05	41.77 2.08 -0.34
G.F.CEMENT___DRP 24184	38.00 2.46 0.00	32.88 2.06 0.00	30.50 1.97 0.00	31.69 2.03 0.00	32.86 2.11 0.00	34.66 2.25 0.00	40.03 2.64 0.00	41.21 2.55 0.00	40.56 2.15 0.00	40.39 1.87 0.00	40.06 1.62 0.00	38.28 1.60 0.00	40.43 1.60 0.00	42.07 1.79 0.00	43.80 1.94 0.00	50.33 2.69 0.00	58.42 3.42 0.00	95.66 6.25 0.00	58.72 3.70 0.00	53.09 3.81 0.00	53.31 4.00 0.00	51.65 3.91 0.00	51.86 3.70 -1.80	42.89 2.96 -0.58
GARDENVILLE___LBMP 24039	33.03 -2.51 0.00	28.97 -1.85 0.00	26.63 -1.89 0.00	27.59 -2.07 0.00	28.43 -2.29 0.03	28.91 -2.60 0.90	19.21 -2.66 15.52	19.42 -2.58 16.65	29.57 -2.72 6.12	36.00 -2.51 0.00	35.86 -2.57 0.00	33.72 -2.46 0.50	22.15 -2.21 14.46	19.86 -2.34 18.07	23.14 -2.52 16.19	34.37 -2.58 10.68	33.08 -2.78 19.14	61.64 -4.34 23.43	45.77 -3.52 5.74	46.67 -2.61 0.00	46.75 -2.56 0.00	45.13 -2.61 0.00	43.90 -2.46 0.00	37.87 -1.48 0.00
GARDNVLA_35_KV_LD 355827	33.19 -2.35 0.00	29.10 -1.72 0.00	26.75 -1.78 0.00	27.70 -1.96 0.00	28.54 -2.18 0.03	29.15 -2.48 0.79	21.28 -2.55 13.56	21.66 -2.45 14.55	30.51 -2.55 5.35	36.18 -2.34 0.00	36.03 -2.41 0.00	33.94 -2.29 0.44	24.17 -2.04 12.63	22.36 -2.16 15.76	25.42 -2.30 14.12	36.03 -2.30 9.31	35.87 -2.44 16.69	65.22 -3.76 20.43	46.83 -3.19 5.00	46.93 -2.35 0.00	47.02 -2.29 0.00	45.43 -2.32 0.00	44.17 -2.18 0.00	38.11 -1.24 0.00
GELCKHM__115KV_LOAD 80723	34.93 -0.61 0.00	30.32 -0.50 0.00	28.05 -0.48 0.00	29.14 -0.52 0.00	30.19 -0.55 0.00	31.79 -0.62 0.00	36.68 -0.70 0.00	37.83 -0.83 0.00	37.52 -0.89 0.00	37.63 -0.88 0.00	37.54 -0.90 0.00	35.75 -0.92 0.00	37.87 -0.96 0.00	39.31 -0.96 0.00	40.87 -0.98 0.00	46.75 -0.95 -0.06	54.23 -0.99 -0.21	90.10 -1.30 -1.99	55.67 -0.84 -1.49	50.32 -0.47 -1.51	50.41 -0.55 -1.65	47.42 -0.69 -0.36	46.02 -0.72 -0.39	38.77 -0.59 -0.01
GENERAL___MILLS 23808	33.12 -2.42 0.00	29.05 -1.78 0.00	26.70 -1.83 0.00	27.66 -2.01 0.00	28.50 -2.22 0.03	29.07 -2.53 0.82	20.71 -2.59 14.09	21.03 -2.50 15.12	30.23 -2.62 5.56	36.08 -2.43 0.00	35.94 -2.49 0.00	33.83 -2.39 0.46	23.58 -2.13 13.13	21.64 -2.25 16.39	24.75 -2.42 14.69	35.51 -2.44 9.69	35.03 -2.61 17.36	64.09 -4.06 21.24	46.45 -3.37 5.20	46.78 -2.50 0.00	46.88 -2.43 0.00	45.28 -2.47 0.00	44.04 -2.31 0.00	37.99 -1.36 0.00
GE_PLASTICS___DRP 24183	36.03 0.49 0.00	31.57 0.74 0.00	29.27 0.75 0.00	30.44 0.78 0.00	31.52 0.77 0.00	33.11 0.69 0.00	38.00 0.61 0.00	39.25 0.59 0.00	38.95 0.55 0.00	38.99 0.47 0.00	38.91 0.47 0.00	37.26 0.58 0.00	39.42 0.59 0.00	40.79 0.51 0.00	42.18 0.33 0.00	47.85 0.22 0.00	55.25 0.25 0.00	89.75 0.35 0.00	55.41 0.39 0.00	49.72 0.44 0.00	49.63 0.32 0.00	48.04 0.30 0.00	43.59 0.33 3.10	38.56 0.21 1.00
GILBOA___1 23756	36.21 0.67 0.00	31.45 0.63 0.00	29.14 0.61 0.00	30.36 0.70 0.00	31.42 0.67 0.00	32.96 0.55 0.00	37.96 0.58 0.00	39.29 0.63 0.00	39.02 0.61 0.00	39.12 0.61 0.00	39.08 0.65 0.00	37.43 0.75 0.00	39.68 0.84 0.00	41.11 0.84 0.00	42.71 0.86 0.00	48.62 0.99 0.00	56.07 1.07 0.00	90.81 1.41 0.00	55.97 0.96 0.00	50.27 1.00 0.00	50.16 0.86 0.00	48.54 0.80 0.00	47.22 0.87 0.00	40.00 0.65 0.00
GILBOA___2 23757	36.21 0.67 0.00	31.45 0.63 0.00	29.14 0.61 0.00	30.36 0.70 0.00	31.42 0.67 0.00	32.96 0.55 0.00	37.96 0.58 0.00	39.29 0.63 0.00	39.02 0.61 0.00	39.12 0.61 0.00	39.08 0.65 0.00	37.43 0.75 0.00	39.68 0.84 0.00	41.11 0.84 0.00	42.71 0.86 0.00	48.62 0.99 0.00	56.07 1.07 0.00	90.81 1.41 0.00	55.97 0.96 0.00	50.27 1.00 0.00	50.16 0.86 0.00	48.54 0.80 0.00	47.22 0.87 0.00	40.00 0.65 0.00
GILBOA___3 23758	36.21 0.67 0.00	31.45 0.63 0.00	29.14 0.61 0.00	30.36 0.70 0.00	31.42 0.67 0.00	32.96 0.55 0.00	37.96 0.58 0.00	39.29 0.63 0.00	39.02 0.61 0.00	39.12 0.61 0.00	39.08 0.65 0.00	37.43 0.75 0.00	39.68 0.84 0.00	41.11 0.84 0.00	42.71 0.86 0.00	48.62 0.99 0.00	56.07 1.07 0.00	90.81 1.41 0.00	55.97 0.96 0.00	50.27 1.00 0.00	50.16 0.86 0.00	48.54 0.80 0.00	47.22 0.87 0.00	40.00 0.65 0.00

GILBOA___4 23759	36.21 0.67 0.00	31.45 0.63 0.00	29.14 0.61 0.00	30.36 0.70 0.00	31.42 0.67 0.00	32.96 0.55 0.00	37.96 0.58 0.00	39.29 0.63 0.00	39.02 0.61 0.00	39.12 0.61 0.00	39.08 0.65 0.00	37.43 0.75 0.00	39.68 0.84 0.00	41.11 0.84 0.00	42.71 0.86 0.00	48.62 0.99 0.00	56.07 1.07 0.00	90.81 1.41 0.00	55.97 0.96 0.00	50.27 1.00 0.00	50.16 0.86 0.00	48.54 0.80 0.00	47.22 0.87 0.00	40.00 0.65 0.00
GILBOA____ 23599	36.21 0.67 0.00	31.45 0.63 0.00	29.14 0.61 0.00	30.37 0.70 0.00	31.42 0.67 0.00	32.96 0.55 0.00	37.97 0.59 0.00	39.29 0.63 0.00	39.02 0.62 0.00	39.12 0.61 0.00	39.09 0.65 0.00	37.43 0.75 0.00	39.67 0.84 0.00	41.11 0.84 0.00	42.71 0.86 0.00	48.62 0.99 0.00	56.08 1.08 0.00	90.82 1.42 0.00	55.98 0.96 0.00	50.27 1.00 0.00	50.16 0.86 0.00	48.54 0.80 0.00	47.23 0.87 0.00	40.00 0.65 0.00
GINNA____ 23603	32.80 -2.74 0.00	28.58 -2.24 0.00	26.31 -2.21 0.00	27.31 -2.35 0.00	28.26 -2.48 0.00	29.59 -2.69 0.14	32.00 -3.00 2.38	33.01 -3.08 2.56	34.34 -3.13 0.94	35.53 -2.99 0.00	35.46 -2.97 0.00	33.73 -2.87 0.08	33.78 -2.82 2.23	34.62 -2.87 2.79	36.40 -2.96 2.50	42.81 -3.18 1.65	48.58 -3.47 2.95	80.55 -5.23 3.62	50.72 -3.41 0.89	46.46 -2.81 0.00	46.37 -2.94 0.00	44.73 -3.02 0.00	43.33 -3.03 0.00	37.01 -2.34 0.00
GLEN PARK____ 23778	34.56 -0.97 0.00	29.96 -0.86 0.00	27.84 -0.68 0.00	29.10 -0.56 0.00	30.71 -0.03 0.00	32.62 0.20 0.00	37.86 0.47 0.00	38.55 -0.11 0.00	38.26 -0.15 0.00	38.11 -0.40 0.00	37.74 -0.70 0.00	35.93 -0.75 0.00	37.87 -0.96 0.00	39.26 -1.01 0.00	40.88 -0.97 0.00	47.02 -0.68 -0.07	54.38 -0.87 -0.25	90.61 -1.11 -2.32	57.11 0.35 -1.73	52.69 1.66 -1.76	53.31 2.08 -1.92	49.88 1.71 -0.42	48.10 1.29 -0.46	40.27 0.90 -0.01
GLENDALE_27_KV_LOAD 356172	37.38 1.84 0.00	32.38 1.55 0.00	30.02 1.50 0.00	31.07 1.41 0.00	32.05 1.31 0.00	33.75 1.33 0.00	39.08 1.70 0.00	40.77 2.11 0.00	40.75 2.34 0.00	41.05 2.53 0.00	41.25 2.82 0.00	44.30 3.03 -4.60	55.85 3.34 -13.67	54.84 3.38 -11.18	55.55 3.58 -10.13	54.31 4.04 -2.64	59.85 4.85 0.00	97.38 7.98 0.00	59.63 4.62 0.00	53.64 4.36 0.00	52.94 3.64 0.00	50.56 2.82 0.00	49.21 2.85 0.00	41.53 2.19 0.00
GLENWOOD_IC_1_G5 23712	37.56 2.02 0.00	32.44 1.61 0.00	30.10 1.58 0.00	31.15 1.49 0.00	32.19 1.44 0.00	33.83 1.41 0.00	39.09 1.70 0.00	40.69 2.03 0.00	40.48 2.07 0.00	40.65 2.13 0.00	40.97 2.53 0.19	39.28 2.79 0.55	41.57 3.29 0.45	43.11 3.28 0.41	44.94 3.49 0.41	51.37 3.80 0.06	59.52 4.52 0.00	97.03 7.63 0.00	59.48 4.47 0.00	53.37 4.09 0.00	52.52 3.21 0.00	47.88 2.23 2.11	48.79 2.44 0.00	41.17 1.83 0.00
GLENWOOD_IC_2_G1 23688	37.37 1.84 0.00	32.30 1.48 0.00	29.96 1.43 0.00	31.03 1.37 0.00	32.05 1.30 0.00	33.69 1.28 0.00	38.94 1.55 0.00	40.51 1.86 0.00	40.32 1.92 0.00	40.50 1.99 0.00	40.76 2.33 0.19	39.07 2.58 0.55	41.30 3.02 0.45	42.84 3.01 0.41	44.66 3.22 0.41	51.09 3.56 0.10	59.34 4.34 0.00	96.75 7.34 0.00	59.31 4.29 0.00	53.27 3.99 0.00	52.56 3.25 0.00	50.07 2.34 0.02	48.66 2.30 0.00	41.08 1.73 0.00
GLENWOOD_IC_3_G1 23689	37.37 1.84 0.00	32.30 1.48 0.00	29.96 1.43 0.00	31.03 1.37 0.00	32.05 1.30 0.00	33.69 1.28 0.00	38.94 1.55 0.00	40.51 1.86 0.00	40.32 1.92 0.00	40.50 1.99 0.00	40.76 2.33 0.19	39.07 2.58 0.55	41.30 3.02 0.45	42.84 3.01 0.41	44.66 3.22 0.41	51.09 3.56 0.10	59.34 4.34 0.00	96.75 7.34 0.00	59.31 4.29 0.00	53.27 3.99 0.00	52.56 3.25 0.00	50.07 2.34 0.02	48.66 2.30 0.00	41.08 1.73 0.00
GLENWOOD___4 23550	37.56 2.02 0.00	32.44 1.61 0.00	30.10 1.58 0.00	31.15 1.49 0.00	32.19 1.44 0.00	33.83 1.41 0.00	39.09 1.70 0.00	40.69 2.03 0.00	40.48 2.07 0.00	40.65 2.13 0.00	40.97 2.53 0.19	39.28 2.79 0.55	41.57 3.29 0.45	43.11 3.28 0.41	44.94 3.50 0.41	51.40 3.82 0.06	59.60 4.59 0.00	97.17 7.77 0.00	59.55 4.53 0.00	53.45 4.17 0.00	52.64 3.33 0.00	47.98 2.34 2.11	48.79 2.44 0.00	41.17 1.83 0.00
GLENWOOD___5 23614	37.56 2.02 0.00	32.44 1.61 0.00	30.10 1.58 0.00	31.15 1.49 0.00	32.19 1.44 0.00	33.83 1.41 0.00	39.09 1.70 0.00	40.69 2.03 0.00	40.48 2.07 0.00	40.65 2.13 0.00	40.97 2.53 0.19	39.28 2.79 0.55	41.57 3.29 0.45	43.11 3.28 0.41	44.94 3.50 0.41	51.40 3.82 0.06	59.60 4.59 0.00	97.17 7.77 0.00	59.55 4.53 0.00	53.45 4.17 0.00	52.64 3.33 0.00	47.98 2.34 2.11	48.79 2.44 0.00	41.17 1.83 0.00
GLOBAL GREEN_PORT_GT1 23814	37.47 1.93 0.00	32.43 1.60 0.00	30.49 1.97 0.00	31.67 2.01 0.00	32.72 1.97 0.00	34.43 2.01 0.00	40.09 2.70 0.00	41.77 3.11 0.00	41.17 2.76 0.00	41.07 2.55 0.00	41.63 3.20 0.00	39.59 3.09 0.19	42.16 3.88 0.55	43.93 4.10 0.45	45.76 4.32 0.41	52.66 5.11 0.08	60.55 5.55 0.00	97.37 7.97 0.00	59.75 4.73 0.00	53.98 4.71 0.00	53.03 3.72 0.00	43.51 2.14 6.38	48.07 1.71 0.00	40.35 1.00 0.00
GLOBE___DSASP 323697	31.84 -3.70 0.00	28.14 -2.68 0.00	25.82 -2.71 0.00	26.79 -2.87 0.00	27.62 -3.11 0.02	28.28 -3.49 0.65	22.80 -3.47 11.12	23.24 -3.49 11.93	30.22 -3.81 4.38	34.68 -3.83 0.00	34.56 -3.88 0.00	32.60 -3.72 0.36	25.24 -3.41 10.18	24.09 -3.56 12.63	26.75 -3.78 11.32	36.03 -4.11 7.49	36.96 -4.66 13.38	65.30 -7.73 16.37	45.30 -5.69 4.03	44.57 -4.69 0.02	44.60 -4.70 0.01	43.12 -4.63 0.00	42.25 -4.10 0.00	36.70 -2.65 0.00
GOETHSLN___LBMP 323567	36.98 1.45 0.00	32.03 1.21 0.00	29.69 1.17 0.00	30.73 1.07 0.00	31.74 0.98 0.00	33.40 0.99 0.00	38.64 1.26 0.00	40.28 1.63 0.00	40.20 1.80 0.01	40.47 1.96 0.00	40.70 2.27 0.00	43.40 2.52 -4.21	54.24 2.89 -12.52	53.44 2.93 -10.24	54.28 3.16 -9.27	53.50 3.45 -2.42	59.32 4.31 0.00	96.67 7.26 0.00	59.21 4.19 0.00	53.17 3.90 0.00	52.51 3.20 0.00	50.10 2.36 0.00	48.64 2.29 0.00	41.06 1.71 0.00
GOLAH___69_KV_TB 1_2 80279	34.12 -1.42 0.00	29.80 -1.02 0.00	27.41 -1.11 0.00	28.44 -1.22 0.00	29.39 -1.36 0.00	30.74 -1.53 0.15	33.29 -1.57 2.52	34.33 -1.63 2.70	35.58 -1.84 0.99	36.79 -1.73 0.00	36.69 -1.74 0.00	34.93 -1.67 0.08	34.95 -1.51 2.37	35.79 -1.53 2.96	37.58 -1.62 2.65	44.25 -1.64 1.75	50.14 -1.72 3.13	83.19 -2.38 3.84	52.43 -1.65 0.94	48.27 -1.01 0.00	48.27 -1.03 0.00	46.59 -1.16 0.00	45.19 -1.17 0.00	38.76 -0.59 0.00
GOODYEAR_LAKE_HYD 323669	36.33 0.79 0.00	31.43 0.61 0.00	29.07 0.54 0.00	30.23 0.57 0.00	31.30 0.55 0.00	33.02 0.60 0.00	38.13 0.75 0.00	39.41 0.76 0.00	39.10 0.69 0.00	39.21 0.69 0.00	39.16 0.72 0.00	37.41 0.73 0.00	39.72 0.89 0.00	41.18 0.90 0.00	42.86 1.01 0.00	48.94 1.29 -0.02	56.59 1.54 -0.05	92.86 2.98 -0.47	57.28 1.91 -0.35	51.67 2.03 -0.36	51.62 1.92 -0.39	49.45 1.61 -0.09	48.20 1.48 -0.37	40.49 1.06 -0.09

GOWANUS_GT4_4 24133	37.27 1.74 0.00	32.27 1.45 0.00	29.92 1.40 0.00	30.97 1.31 0.00	31.95 1.20 0.00	33.65 1.24 0.00	38.95 1.57 0.00	40.59 1.93 0.00	40.60 2.19 0.00	40.94 2.42 0.00	41.15 2.71 0.00	44.17 2.89 -4.60	55.70 3.20 -13.67	54.74 3.29 -11.18	55.44 3.46 -10.13	54.20 3.92 -2.64	59.76 4.76 0.00	97.13 7.73 0.00	59.52 4.50 0.00	53.55 4.27 0.00	52.85 3.54 0.00	50.46 2.71 0.00	49.09 2.74 0.00	41.44 2.09 0.00
GOWANUS_GT4_5 24134	37.27 1.74 0.00	32.27 1.45 0.00	29.92 1.40 0.00	30.97 1.31 0.00	31.95 1.20 0.00	33.65 1.24 0.00	38.95 1.57 0.00	40.59 1.93 0.00	40.60 2.19 0.00	40.94 2.42 0.00	41.15 2.71 0.00	44.17 2.89 -4.60	55.70 3.20 -13.67	54.74 3.29 -11.18	55.44 3.46 -10.13	54.20 3.92 -2.64	59.76 4.76 0.00	97.13 7.73 0.00	59.52 4.50 0.00	53.55 4.27 0.00	52.85 3.54 0.00	50.46 2.71 0.00	49.09 2.74 0.00	41.44 2.09 0.00
GOWANUS_GT4_6 24135	37.27 1.74 0.00	32.27 1.45 0.00	29.92 1.40 0.00	30.97 1.31 0.00	31.95 1.20 0.00	33.65 1.24 0.00	38.95 1.57 0.00	40.59 1.93 0.00	40.60 2.19 0.00	40.94 2.42 0.00	41.15 2.71 0.00	44.17 2.89 -4.60	55.70 3.20 -13.67	54.74 3.29 -11.18	55.44 3.46 -10.13	54.20 3.92 -2.64	59.76 4.76 0.00	97.13 7.73 0.00	59.52 4.50 0.00	53.55 4.27 0.00	52.85 3.54 0.00	50.46 2.71 0.00	49.09 2.74 0.00	41.44 2.09 0.00
GOWANUS_GT4_7 24136	37.27 1.74 0.00	32.27 1.45 0.00	29.92 1.40 0.00	30.97 1.31 0.00	31.95 1.20 0.00	33.65 1.24 0.00	38.95 1.57 0.00	40.59 1.93 0.00	40.60 2.19 0.00	40.94 2.42 0.00	41.15 2.71 0.00	44.17 2.89 -4.60	55.70 3.20 -13.67	54.74 3.29 -11.18	55.44 3.46 -10.13	54.20 3.92 -2.64	59.76 4.76 0.00	97.13 7.73 0.00	59.52 4.50 0.00	53.55 4.27 0.00	52.85 3.54 0.00	50.46 2.71 0.00	49.09 2.74 0.00	41.44 2.09 0.00
GOWANUS_GT4_8 24137	37.27 1.74 0.00	32.27 1.45 0.00	29.92 1.40 0.00	30.97 1.31 0.00	31.95 1.20 0.00	33.65 1.24 0.00	38.95 1.57 0.00	40.59 1.93 0.00	40.60 2.19 0.00	40.94 2.42 0.00	41.15 2.71 0.00	44.17 2.89 -4.60	55.70 3.20 -13.67	54.74 3.29 -11.18	55.44 3.46 -10.13	54.20 3.92 -2.64	59.76 4.76 0.00	97.13 7.73 0.00	59.52 4.50 0.00	53.55 4.27 0.00	52.85 3.54 0.00	50.46 2.71 0.00	49.09 2.74 0.00	41.44 2.09 0.00
GREENBSH_115KV_TB3 55895	36.15 0.61 0.00	31.65 0.82 0.00	29.32 0.80 0.00	30.49 0.83 0.00	31.58 0.83 0.00	33.14 0.72 0.00	37.95 0.57 0.00	39.19 0.53 0.00	38.88 0.48 0.00	38.90 0.39 0.00	38.81 0.37 0.00	37.17 0.49 0.00	39.33 0.50 0.00	40.76 0.48 0.00	42.26 0.41 0.00	48.06 0.43 0.00	55.48 0.48 0.00	90.12 0.71 0.00	55.68 0.66 0.00	49.95 0.67 0.00	49.84 0.53 0.00	48.30 0.56 0.00	41.55 0.60 5.41	38.04 0.44 1.75
GREENDGE_115KV_TB5 80291	35.46 -0.08 0.00	30.71 -0.11 0.00	28.37 -0.16 0.00	29.49 -0.18 0.00	30.53 -0.26 -0.04	33.30 -0.48 -1.36	60.47 -0.35 -23.43	63.30 -0.49 -25.13	46.77 -0.88 -9.24	37.62 -0.90 0.00	37.35 -1.08 0.00	36.40 -1.04 -0.76	59.95 -0.71 -21.84	67.00 -0.57 -27.29	65.77 -0.55 -24.46	63.53 -0.29 -16.19	84.04 -0.04 -29.07	126.85 0.54 -36.90	65.27 0.47 -9.78	51.90 1.50 -1.12	52.11 1.56 -1.23	49.18 1.16 -0.28	47.68 1.03 -0.30	40.32 0.96 -0.01
GREENIDGE___3 23582	35.46 -0.08 0.00	30.71 -0.11 0.00	28.37 -0.16 0.00	29.49 -0.18 0.00	30.53 -0.26 -0.04	33.30 -0.48 -1.36	60.47 -0.35 -23.43	63.30 -0.49 -25.13	46.77 -0.88 -9.24	37.62 -0.90 0.00	37.35 -1.08 0.00	36.40 -1.04 -0.76	59.95 -0.71 -21.84	67.00 -0.57 -27.29	65.77 -0.55 -24.46	63.53 -0.29 -16.19	84.04 -0.04 -29.07	126.85 0.54 -36.90	65.27 0.47 -9.78	51.90 1.50 -1.12	52.11 1.56 -1.23	49.18 1.16 -0.28	47.68 1.03 -0.30	40.32 0.96 -0.01
GREENIDGE___4 23583	35.46 -0.08 0.00	30.72 -0.10 0.00	28.37 -0.15 0.00	29.49 -0.17 0.00	30.54 -0.25 -0.04	33.30 -0.47 -1.36	60.46 -0.36 -23.43	63.29 -0.50 -25.13	46.77 -0.87 -9.24	37.61 -0.90 0.00	37.37 -1.07 0.00	36.40 -1.04 -0.76	59.94 -0.73 -21.84	67.01 -0.56 -27.29	65.76 -0.55 -24.46	63.52 -0.30 -16.19	84.05 -0.03 -29.07	126.85 0.55 -36.90	65.27 0.47 -9.78	51.89 1.49 -1.12	52.11 1.56 -1.23	49.18 1.16 -0.28	47.68 1.03 -0.30	40.32 0.96 -0.01
GREENLWN_69_KV_BK 3 55738	37.72 2.18 0.00	32.52 1.70 0.00	30.29 1.77 0.00	31.31 1.65 0.00	32.35 1.60 0.00	33.86 1.44 0.00	39.11 1.72 0.00	40.65 1.99 0.00	40.23 1.82 0.00	40.29 1.77 0.00	40.67 2.24 0.00	39.00 2.51 0.19	41.32 3.04 0.55	42.54 2.71 0.45	44.24 2.80 0.41	50.57 3.01 0.07	58.68 3.68 0.00	95.54 6.14 0.00	58.67 3.66 0.00	52.79 3.52 0.00	51.82 2.51 0.00	42.77 1.21 6.19	47.74 1.38 0.00	40.40 1.05 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	37.27 1.74 0.00	32.27 1.45 0.00	29.92 1.40 0.00	30.97 1.31 0.00	31.95 1.20 0.00	33.65 1.24 0.00	38.95 1.57 0.00	40.59 1.93 0.00	40.60 2.19 0.00	40.94 2.42 0.00	41.15 2.71 0.00	44.17 2.89 -4.60	55.70 3.20 -13.67	54.74 3.29 -11.18	55.44 3.46 -10.13	54.20 3.92 -2.64	59.76 4.76 0.00	97.13 7.73 0.00	59.52 4.50 0.00	53.55 4.27 0.00	52.85 3.54 0.00	50.46 2.71 0.00	49.09 2.74 0.00	41.44 2.09 0.00
GRISSOM___SOLAR 323813	37.11 1.57 0.00	32.12 1.29 0.00	29.68 1.15 0.00	30.87 1.21 0.00	31.98 1.24 0.00	33.74 1.33 0.00	38.77 1.39 0.00	39.43 0.78 0.00	38.86 0.45 0.00	38.74 0.22 0.00	38.60 0.16 0.00	36.80 0.12 0.00	38.94 0.11 0.00	40.40 0.13 0.00	42.00 0.15 0.00	47.94 0.31 0.00	55.47 0.47 0.00	91.44 2.04 0.00	56.92 1.90 0.00	51.69 2.41 0.00	52.04 2.73 0.00	50.34 2.59 0.00	49.90 2.47 -1.07	41.68 1.99 -0.35
GROVEVILLE___HYD 323602	37.42 1.88 0.00	32.37 1.55 0.00	29.97 1.45 0.00	31.06 1.40 0.00	32.10 1.35 0.00	33.81 1.40 0.00	39.07 1.69 0.00	40.60 1.94 0.00	40.43 2.02 0.00	40.57 2.06 0.00	40.72 2.28 0.00	39.17 2.49 0.00	41.69 2.85 0.00	43.24 2.96 0.00	45.02 3.17 0.00	51.31 3.67 0.00	59.61 4.61 0.00	97.38 7.97 0.00	59.73 4.71 0.00	53.59 4.31 0.00	53.04 3.74 0.00	50.71 2.97 0.00	49.15 2.79 0.00	41.45 2.10 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	35.15 -0.38 0.00	30.51 -0.31 0.00	28.21 -0.31 0.00	29.33 -0.33 0.00	30.39 -0.36 0.00	31.98 -0.44 0.00	36.91 -0.48 0.00	38.05 -0.61 0.00	37.70 -0.71 0.00	37.81 -0.70 0.00	37.71 -0.73 0.00	35.93 -0.75 0.00	38.06 -0.77 0.00	39.53 -0.75 0.00	41.11 -0.74 0.00	47.06 -0.67 -0.10	54.68 -0.65 -0.33	91.77 -0.68 -3.05	56.85 -0.45 -2.28	51.52 -0.07 -2.31	51.68 -0.15 -2.52	47.98 -0.32 -0.56	46.58 -0.37 -0.60	39.05 -0.31 -0.02
HAMLTNNY_34_KV_TB 80303	35.19 -0.35 0.00	30.54 -0.29 0.00	28.23 -0.30 0.00	29.35 -0.31 0.00	30.38 -0.37 0.00	31.96 -0.45 0.00	36.91 -0.48 0.00	38.02 -0.63 0.00	37.64 -0.76 0.00	37.72 -0.80 0.00	37.64 -0.80 0.00	35.87 -0.81 0.00	38.05 -0.77 0.00	39.52 -0.76 0.00	41.11 -0.74 0.00	47.06 -0.67 -0.10	54.63 -0.67 -0.33	91.73 -0.73 -3.05	56.84 -0.46 -2.28	51.65 0.06 -2.31	51.86 0.03 -2.52	48.16 -0.14 -0.56	46.74 -0.21 -0.60	39.17 -0.20 -0.02

HAMPSHIRE___PAPER_HYD 323593	34.63 -0.91 0.00	30.07 -0.75 0.00	27.88 -0.64 0.00	29.09 -0.57 0.00	30.47 -0.28 0.00	32.32 -0.09 0.00	37.41 0.02 0.00	38.50 -0.16 0.00	38.22 -0.19 0.00	38.22 -0.30 0.00	38.05 -0.39 0.00	36.19 -0.49 0.00	38.14 -0.69 0.00	39.67 -0.61 0.00	41.15 -0.71 0.00	46.70 -0.96 -0.03	53.73 -1.36 -0.10	87.86 -2.43 -0.89	54.60 -1.09 -0.67	49.61 -0.35 -0.67	50.05 0.00 -0.74	47.96 0.05 -0.16	46.46 -0.06 -0.18	39.34 -0.01 0.00
HARDSCRABBLE_WT_PWR 323673	36.44 0.90 0.00	31.64 0.82 0.00	29.28 0.75 0.00	30.41 0.75 0.00	31.50 0.75 0.00	33.12 0.71 0.00	38.08 0.69 0.00	38.98 0.32 0.00	38.33 -0.07 0.00	38.26 -0.25 0.00	38.09 -0.35 0.00	36.48 -0.20 0.00	38.63 -0.20 0.00	40.05 -0.23 0.00	41.57 -0.28 0.00	47.44 -0.19 0.00	55.04 0.04 0.00	90.36 0.96 0.00	56.09 1.07 0.00	50.82 1.54 0.00	50.86 1.55 0.00	49.22 1.48 0.00	47.81 1.45 0.00	40.36 1.01 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	37.17 1.63 0.00	32.12 1.29 0.00	29.74 1.21 0.00	30.80 1.14 0.00	31.85 1.10 0.00	33.55 1.13 0.00	38.77 1.39 0.00	40.30 1.65 0.00	40.13 1.73 0.00	40.32 1.81 0.00	40.50 2.07 0.00	38.96 2.28 0.00	41.56 2.72 0.00	43.12 2.84 0.00	44.94 3.09 0.00	51.14 3.50 0.00	59.45 4.45 0.00	97.07 7.67 0.00	59.48 4.46 0.00	53.36 4.08 0.00	52.81 3.50 0.00	50.44 2.69 0.00	48.84 2.48 0.00	41.16 1.81 0.00
HARSNRAD_115KV_TB1 81005	32.48 -3.06 0.00	28.64 -2.18 0.00	26.28 -2.25 0.00	27.24 -2.42 0.00	28.10 -2.63 0.02	28.80 -3.00 0.62	23.64 -3.05 10.70	24.13 -3.05 11.48	30.91 -3.28 4.22	35.34 -3.17 0.00	35.20 -3.24 0.00	33.21 -3.12 0.35	25.98 -2.91 9.95	24.79 -3.07 12.41	27.46 -3.27 11.12	36.76 -3.54 7.33	37.89 -3.96 13.15	66.98 -6.33 16.09	46.53 -4.55 3.94	45.61 -3.67 0.00	45.70 -3.61 0.00	44.19 -3.55 0.00	43.07 -3.29 0.00	37.35 -2.00 0.00
HARZA MOOSE___RIVER 24016	35.20 -0.34 0.00	30.56 -0.26 0.00	28.36 -0.16 0.00	29.56 -0.10 0.00	30.97 0.22 0.00	32.81 0.40 0.00	37.98 0.60 0.00	39.03 0.37 0.00	38.61 0.20 0.00	38.61 0.10 0.00	38.40 -0.04 0.00	36.58 -0.10 0.00	38.66 -0.17 0.00	40.10 -0.18 0.00	41.65 -0.20 0.00	47.61 -0.06 -0.02	55.17 0.08 -0.08	90.69 0.50 -0.79	56.34 0.73 -0.59	51.35 1.47 -0.60	51.58 1.62 -0.65	49.36 1.46 -0.14	47.68 1.17 -0.16	40.17 0.82 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	34.94 -0.60 0.00	30.34 -0.48 0.00	28.05 -0.47 0.00	29.14 -0.52 0.00	30.19 -0.55 0.00	31.79 -0.62 0.00	36.68 -0.70 0.00	37.86 -0.80 0.00	37.55 -0.86 0.00	37.69 -0.83 0.00	37.58 -0.85 0.00	35.82 -0.86 0.00	37.95 -0.88 0.00	39.39 -0.89 0.00	40.95 -0.90 0.00	46.83 -0.86 -0.05	54.32 -0.86 -0.18	89.97 -1.09 -1.65	55.51 -1.09 -1.24	50.13 -0.74 -1.25	50.18 -0.50 -1.37	47.41 -0.64 -0.30	45.99 -0.68 -0.33	38.81 -0.55 -0.01
HELLGATE_13_KV_LD 55870	37.41 1.87 0.00	32.40 1.58 0.00	30.06 1.54 0.00	31.11 1.45 0.00	32.08 1.34 0.00	33.77 1.35 0.00	39.12 1.73 0.00	40.81 2.16 0.00	40.80 2.39 0.00	41.11 2.60 0.00	41.31 2.87 0.00	44.34 3.07 -4.60	55.89 3.39 -13.67	54.89 3.44 -11.18	55.61 3.64 -10.13	54.38 4.11 -2.64	59.92 4.92 0.00	97.49 8.08 0.00	59.69 4.67 0.00	53.69 4.41 0.00	53.00 3.70 0.00	50.62 2.87 0.00	49.26 2.91 0.00	41.58 2.23 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.41 1.87 0.00	32.40 1.58 0.00	30.06 1.54 0.00	31.11 1.45 0.00	32.08 1.34 0.00	33.77 1.35 0.00	39.12 1.73 0.00	40.81 2.16 0.00	40.80 2.39 0.00	41.11 2.60 0.00	41.31 2.87 0.00	44.34 3.07 -4.60	55.89 3.39 -13.67	54.89 3.44 -11.18	55.61 3.64 -10.13	54.38 4.11 -2.64	59.92 4.92 0.00	97.49 8.08 0.00	59.69 4.67 0.00	53.69 4.41 0.00	53.00 3.70 0.00	50.62 2.87 0.00	49.26 2.91 0.00	41.58 2.23 0.00
HEMPSTEAD____ 23647	37.51 1.97 0.00	32.36 1.54 0.00	30.06 1.54 0.00	31.10 1.44 0.00	32.13 1.38 0.00	33.72 1.31 0.00	38.97 1.58 0.00	40.57 1.91 0.00	40.30 1.89 0.00	40.43 1.91 0.00	40.73 2.30 0.00	39.10 2.60 0.19	41.40 3.12 0.55	42.86 3.04 0.45	44.68 3.23 0.41	51.05 3.48 0.06	59.19 4.19 0.00	96.49 7.09 0.00	59.18 4.16 0.00	53.20 3.92 0.00	52.35 3.04 0.00	46.50 1.95 3.20	48.37 2.02 0.00	40.84 1.49 0.00
HICKLING___1 23621	34.98 -0.56 0.00	30.32 -0.51 0.00	27.99 -0.53 0.00	29.09 -0.58 0.00	30.09 -0.68 -0.02	32.03 -0.98 -0.59	46.72 -0.90 -10.23	48.71 -0.93 -10.98	41.28 -0.93 -4.03	37.49 -1.03 0.00	37.28 -1.16 0.00	35.92 -1.09 -0.33	47.67 -0.70 -9.54	51.64 -0.56 -11.93	51.89 -0.65 -10.69	54.25 -0.47 -7.09	67.55 -0.20 -12.75	106.21 0.25 -16.56	59.60 -0.01 -4.60	51.03 0.93 -0.81	51.16 0.95 -0.90	48.41 0.46 -0.20	47.03 0.45 -0.22	39.94 0.59 -0.01
HICKLING___2 23622	34.98 -0.56 0.00	30.32 -0.51 0.00	27.99 -0.53 0.00	29.09 -0.58 0.00	30.09 -0.68 -0.02	32.03 -0.98 -0.59	46.72 -0.90 -10.23	48.71 -0.93 -10.98	41.28 -0.93 -4.03	37.49 -1.03 0.00	37.28 -1.16 0.00	35.92 -1.09 -0.33	47.67 -0.70 -9.54	51.64 -0.56 -11.93	51.89 -0.65 -10.69	54.25 -0.47 -7.09	67.55 -0.20 -12.75	106.21 0.25 -16.56	59.60 -0.01 -4.60	51.03 0.93 -0.81	51.16 0.95 -0.90	48.41 0.46 -0.20	47.03 0.45 -0.22	39.94 0.59 -0.01
HIGH FALLS___HY 23754	37.35 1.81 0.00	32.20 1.38 0.00	29.80 1.28 0.00	30.88 1.22 0.00	31.91 1.16 0.00	33.63 1.22 0.00	38.93 1.55 0.00	40.51 1.86 0.00	40.26 1.85 0.00	40.34 1.82 0.00	40.45 2.01 0.00	38.84 2.16 0.00	41.41 2.58 0.00	42.97 2.69 0.00	44.82 2.97 0.00	51.14 3.51 0.00	59.64 4.64 0.00	97.69 8.29 0.00	60.02 5.00 0.00	53.92 4.64 0.00	53.33 4.02 0.00	50.91 3.17 0.00	48.78 2.90 0.48	41.35 2.16 0.15
HIGH_RIVER___SOLAR 323847	36.73 1.19 0.00	31.85 1.03 0.00	29.46 0.94 0.00	30.64 0.98 0.00	31.76 1.01 0.00	33.45 1.04 0.00	38.50 1.12 0.00	39.45 0.79 0.00	38.80 0.39 0.00	38.59 0.07 0.00	38.44 0.00 0.00	36.69 0.01 0.00	38.82 -0.01 0.00	40.28 0.00 0.00	41.89 0.04 0.00	47.83 0.19 0.00	55.36 0.36 0.00	91.29 1.89 0.00	56.53 1.52 0.00	51.10 1.83 0.00	51.24 1.93 0.00	49.58 1.84 0.00	49.26 1.78 -1.13	41.13 1.42 -0.36
HILLBURN___GT 23639	37.06 1.52 0.00	32.02 1.20 0.00	29.66 1.13 0.00	30.73 1.07 0.00	31.78 1.02 0.00	33.46 1.05 0.00	38.67 1.28 0.00	40.22 1.56 0.00	40.05 1.64 0.00	40.25 1.74 0.00	40.45 2.01 0.00	38.90 2.22 0.00	41.50 2.67 0.00	43.03 2.75 0.00	44.85 3.00 0.00	50.95 3.32 0.00	59.22 4.22 0.00	96.61 7.21 0.00	59.19 4.18 0.00	53.10 3.82 0.00	52.49 3.18 0.00	50.15 2.41 0.00	48.59 2.23 0.00	40.96 1.61 0.00
HILLSIDE_115KV_TB1 80332	34.71 -0.83 0.00	30.10 -0.72 0.00	27.85 -0.67 0.00	28.94 -0.72 0.00	29.94 -0.82 -0.02	31.84 -1.09 -0.52	45.25 -1.03 -8.89	47.14 -1.06 -9.54	40.65 -1.26 -3.51	37.38 -1.13 0.00	37.21 -1.23 0.00	35.86 -1.10 -0.29	46.35 -0.77 -8.29	49.97 -0.67 -10.36	50.36 -0.78 -9.29	53.16 -0.64 -6.16	65.52 -0.58 -11.10	103.54 -0.44 -14.58	58.55 -0.60 -4.13	50.45 0.31 -0.85	50.58 0.33 -0.94	47.80 -0.15 -0.21	46.47 -0.11 -0.23	39.41 0.05 -0.01

HISHELDN_WT_PWR 323625	33.16 -2.38 0.00	28.99 -1.83 0.00	26.64 -1.88 0.00	27.65 -2.01 0.00	28.47 -2.22 0.06	28.03 -2.60 1.79	3.90 -2.69 30.79	2.92 -2.70 33.04	23.37 -2.89 12.14	35.80 -2.72 0.00	35.65 -2.78 0.00	32.91 -2.77 1.00	7.62 -2.51 28.71	1.80 -2.59 35.88	6.88 -2.82 32.15	23.45 -2.98 21.21	13.89 -3.11 38.00	38.18 -4.71 46.51	40.27 -3.36 11.39	47.01 -2.27 0.00	47.19 -2.12 0.00	45.52 -2.23 0.00	44.23 -2.12 0.00	38.08 -1.27 0.00
HOLTSVILLE_IC_1 23690	37.74 2.20 0.00	32.59 1.77 0.00	30.39 1.86 0.00	31.43 1.77 0.00	32.46 1.71 0.00	34.01 1.60 0.00	39.32 1.93 0.00	40.88 2.22 0.00	40.38 1.97 0.00	40.31 1.79 0.00	40.62 2.18 0.00	38.84 2.35 0.19	41.21 2.93 0.55	42.59 2.77 0.45	44.39 2.95 0.41	50.86 3.30 0.08	58.91 3.91 0.00	95.95 6.55 0.00	59.00 3.98 0.00	53.20 3.92 0.00	52.18 2.87 0.00	42.89 1.54 6.39	47.96 1.60 0.00	40.45 1.10 0.00
HOLTSVILLE_IC_10 23699	37.89 2.35 0.00	32.74 1.92 0.00	30.51 1.99 0.00	31.56 1.89 0.00	32.58 1.83 0.00	34.15 1.73 0.00	39.50 2.12 0.00	41.07 2.41 0.00	40.56 2.15 0.00	40.49 1.98 0.00	40.77 2.34 0.00	38.99 2.50 0.19	41.39 3.12 0.55	42.81 2.99 0.45	44.67 3.23 0.41	51.22 3.66 0.07	59.31 4.30 0.00	96.67 7.27 0.00	59.46 4.44 0.00	53.61 4.33 0.00	52.57 3.26 0.00	43.30 1.88 6.32	48.26 1.91 0.00	40.64 1.30 0.00
HOLTSVILLE_IC_2 23691	37.74 2.20 0.00	32.59 1.77 0.00	30.39 1.86 0.00	31.43 1.77 0.00	32.46 1.71 0.00	34.01 1.60 0.00	39.32 1.93 0.00	40.88 2.22 0.00	40.38 1.97 0.00	40.31 1.79 0.00	40.62 2.18 0.00	38.84 2.35 0.19	41.21 2.93 0.55	42.59 2.77 0.45	44.39 2.95 0.41	50.86 3.30 0.08	58.91 3.91 0.00	95.95 6.55 0.00	59.00 3.98 0.00	53.20 3.92 0.00	52.18 2.87 0.00	42.89 1.54 6.39	47.96 1.60 0.00	40.45 1.10 0.00
HOLTSVILLE_IC_3 23692	37.74 2.20 0.00	32.59 1.77 0.00	30.39 1.86 0.00	31.43 1.77 0.00	32.46 1.71 0.00	34.01 1.60 0.00	39.32 1.93 0.00	40.88 2.22 0.00	40.38 1.97 0.00	40.31 1.79 0.00	40.62 2.18 0.00	38.84 2.35 0.19	41.21 2.93 0.55	42.59 2.77 0.45	44.39 2.95 0.41	50.86 3.30 0.08	58.91 3.91 0.00	95.95 6.55 0.00	59.00 3.98 0.00	53.20 3.92 0.00	52.18 2.87 0.00	42.89 1.54 6.39	47.96 1.60 0.00	40.45 1.10 0.00
HOLTSVILLE_IC_4 23693	37.74 2.20 0.00	32.59 1.77 0.00	30.39 1.86 0.00	31.43 1.77 0.00	32.46 1.71 0.00	34.01 1.60 0.00	39.32 1.93 0.00	40.88 2.22 0.00	40.38 1.97 0.00	40.31 1.79 0.00	40.62 2.18 0.00	38.84 2.35 0.19	41.21 2.93 0.55	42.59 2.77 0.45	44.39 2.95 0.41	50.86 3.30 0.08	58.91 3.91 0.00	95.95 6.55 0.00	59.00 3.98 0.00	53.20 3.92 0.00	52.18 2.87 0.00	42.89 1.54 6.39	47.96 1.60 0.00	40.45 1.10 0.00
HOLTSVILLE_IC_5 23694	37.74 2.20 0.00	32.59 1.77 0.00	30.39 1.86 0.00	31.43 1.77 0.00	32.46 1.71 0.00	34.01 1.60 0.00	39.32 1.93 0.00	40.88 2.22 0.00	40.38 1.97 0.00	40.31 1.79 0.00	40.62 2.18 0.00	38.84 2.35 0.19	41.21 2.93 0.55	42.59 2.77 0.45	44.39 2.95 0.41	50.86 3.30 0.08	58.91 3.91 0.00	95.95 6.55 0.00	59.00 3.98 0.00	53.20 3.92 0.00	52.18 2.87 0.00	42.89 1.54 6.39	47.96 1.60 0.00	40.45 1.10 0.00
HOLTSVILLE_IC_6 23695	37.89 2.35 0.00	32.74 1.92 0.00	30.51 1.99 0.00	31.56 1.89 0.00	32.58 1.83 0.00	34.15 1.73 0.00	39.50 2.12 0.00	41.07 2.41 0.00	40.56 2.15 0.00	40.49 1.98 0.00	40.77 2.34 0.00	38.99 2.50 0.19	41.39 3.12 0.55	42.81 2.99 0.45	44.67 3.23 0.41	51.22 3.66 0.07	59.31 4.30 0.00	96.67 7.27 0.00	59.46 4.44 0.00	53.61 4.33 0.00	52.57 3.26 0.00	43.30 1.88 6.32	48.26 1.91 0.00	40.64 1.30 0.00
HOLTSVILLE_IC_7 23696	37.89 2.35 0.00	32.74 1.92 0.00	30.51 1.99 0.00	31.56 1.89 0.00	32.58 1.83 0.00	34.15 1.73 0.00	39.50 2.12 0.00	41.07 2.41 0.00	40.56 2.15 0.00	40.49 1.98 0.00	40.77 2.34 0.00	38.99 2.50 0.19	41.39 3.12 0.55	42.81 2.99 0.45	44.67 3.23 0.41	51.22 3.66 0.07	59.31 4.30 0.00	96.67 7.27 0.00	59.46 4.44 0.00	53.61 4.33 0.00	52.57 3.26 0.00	43.30 1.88 6.32	48.26 1.91 0.00	40.64 1.30 0.00
HOLTSVILLE_IC_8 23697	37.89 2.35 0.00	32.74 1.92 0.00	30.51 1.99 0.00	31.56 1.89 0.00	32.58 1.83 0.00	34.15 1.73 0.00	39.50 2.12 0.00	41.07 2.41 0.00	40.56 2.15 0.00	40.49 1.98 0.00	40.77 2.34 0.00	38.99 2.50 0.19	41.39 3.12 0.55	42.81 2.99 0.45	44.67 3.23 0.41	51.22 3.66 0.07	59.31 4.30 0.00	96.67 7.27 0.00	59.46 4.44 0.00	53.61 4.33 0.00	52.57 3.26 0.00	43.30 1.88 6.32	48.26 1.91 0.00	40.64 1.30 0.00
HOLTSVILLE_IC_9 23698	37.89 2.35 0.00	32.74 1.92 0.00	30.51 1.99 0.00	31.56 1.89 0.00	32.58 1.83 0.00	34.15 1.73 0.00	39.50 2.12 0.00	41.07 2.41 0.00	40.56 2.15 0.00	40.49 1.98 0.00	40.77 2.34 0.00	38.99 2.50 0.19	41.39 3.12 0.55	42.81 2.99 0.45	44.67 3.23 0.41	51.22 3.66 0.07	59.31 4.30 0.00	96.67 7.27 0.00	59.46 4.44 0.00	53.61 4.33 0.00	52.57 3.26 0.00	43.30 1.88 6.32	48.26 1.91 0.00	40.64 1.30 0.00
HOMER_HL_115KV_TB2 355744	33.48 -2.07 0.00	29.13 -1.69 0.00	26.97 -1.55 0.00	27.97 -1.70 0.00	28.89 -1.83 0.02	29.63 -2.11 0.67	23.85 -2.00 11.54	24.43 -1.85 12.38	31.80 -2.06 4.55	36.58 -1.93 0.00	36.48 -1.95 0.00	34.60 -1.71 0.38	26.84 -1.23 10.76	25.55 -1.29 13.44	28.15 -1.66 12.04	37.97 -1.72 7.94	38.87 -1.90 14.24	69.18 -2.80 17.42	47.75 -3.00 4.27	47.14 -2.14 0.00	47.37 -1.94 0.00	45.61 -2.14 0.00	44.46 -1.89 0.00	38.03 -1.32 0.00
HOWARD_WT_PWR 323690	33.97 -1.57 0.00	29.42 -1.40 0.00	27.11 -1.42 0.00	28.34 -1.32 0.00	29.18 -1.66 -0.09	32.94 -2.27 -2.79	82.94 -2.47 -48.02	87.79 -2.39 -51.52	54.97 -2.37 -18.93	36.43 -2.09 0.00	36.09 -2.35 0.00	35.72 -2.52 -1.56	81.54 -2.04 -44.76	94.42 -1.81 -55.95	90.01 -1.98 -50.14	78.67 -2.08 -33.11	112.56 -1.81 -59.36	160.68 -2.20 -73.47	72.14 -1.27 -18.39	49.96 0.07 -0.61	50.08 0.07 -0.70	47.71 -0.20 -0.17	46.35 -0.18 -0.18	39.62 0.27 -0.01
HQ_GEN_CEDARS 23644	35.45 -0.09 0.00	30.78 -0.05 0.00	28.44 -0.08 0.00	29.61 -0.05 0.00	30.75 0.00 0.00	32.52 0.10 0.00	37.53 0.15 0.00	38.86 0.21 0.00	38.72 0.31 0.00	38.85 0.33 0.00	38.74 0.31 0.00	36.87 0.19 0.00	38.92 0.09 0.00	40.44 0.17 0.00	42.01 0.15 0.00	47.60 -0.04 0.00	54.62 -0.38 0.00	88.33 -1.07 0.00	54.33 -0.69 0.00	48.52 -0.76 0.00	48.82 -0.49 0.00	47.44 -0.30 0.00	46.08 -0.28 0.00	39.31 -0.03 0.00
HQ_GEN_CEDARS_PROXY 323590	36.46 -0.09 -1.02	30.78 -0.05 0.00	28.44 -0.08 0.00	29.61 -0.05 0.00	30.75 0.00 0.00	32.52 0.10 0.00	37.53 0.14 0.00	38.86 0.21 0.00	38.72 0.31 0.00	38.85 0.33 0.00	38.74 0.31 0.00	36.87 0.19 0.00	38.92 0.09 0.00	40.44 0.17 0.00	42.00 0.15 0.00	47.60 -0.03 0.00	54.62 -0.38 0.00	88.33 -1.07 0.00	54.33 -0.69 0.00	48.52 -0.76 0.00	48.82 -0.49 0.00	47.45 -0.30 0.00	46.08 -0.27 0.00	39.31 -0.03 0.00

HQ_GEN_CHPE_PROXY 323851	37.16 1.63 0.00	32.18 1.36 0.00	29.84 1.31 0.00	30.90 1.24 0.00	31.90 1.15 0.00	33.57 1.16 0.00	38.84 1.45 0.00	40.47 1.82 0.00	40.40 2.00 0.00	40.66 2.15 0.00	40.86 2.42 0.00	43.80 2.65 -4.47	55.13 3.00 -13.30	54.20 3.05 -10.87	54.96 3.26 -9.85	53.81 3.61 -2.57	59.44 4.44 0.00	97.37 7.47 -0.50	58.39 4.30 0.93	53.28 4.00 0.00	52.64 3.33 0.00	50.26 2.52 0.00	48.83 2.48 0.00	41.21 1.87 0.00
HQ_GEN_IMPORT 323601	35.53 -0.01 0.00	30.78 -0.05 0.00	28.46 -0.06 0.00	29.61 -0.05 0.00	30.72 -0.03 0.00	32.46 0.04 0.00	37.47 0.08 0.00	38.80 0.14 0.00	38.61 0.21 0.00	38.75 0.23 0.00	38.66 0.22 0.00	36.83 0.15 0.00	38.96 0.13 0.00	40.44 0.16 0.00	42.02 0.17 0.00	47.76 0.12 0.00	55.03 0.03 0.00	89.22 -0.18 0.00	53.94 -0.14 0.93	48.92 -0.36 0.00	49.11 -0.21 0.00	47.71 -0.04 0.00	46.31 -0.04 0.00	39.37 0.02 0.00
HQ_GEN_WHEEL 23651	35.53 -0.01 0.00	30.78 -0.05 0.00	28.46 -0.06 0.00	29.61 -0.05 0.00	30.72 -0.03 0.00	32.46 0.04 0.00	37.47 0.08 0.00	38.80 0.14 0.00	38.61 0.21 0.00	38.75 0.23 0.00	38.66 0.22 0.00	36.83 0.15 0.00	38.96 0.13 0.00	40.44 0.16 0.00	42.02 0.17 0.00	47.76 0.12 0.00	55.03 0.03 0.00	89.22 -0.18 0.00	53.94 -0.14 0.93	48.92 -0.36 0.00	49.11 -0.21 0.00	47.71 -0.04 0.00	46.31 -0.04 0.00	39.37 0.02 0.00
HUDSON_AVE_GT_3 23810	37.24 1.70 0.00	32.25 1.43 0.00	29.89 1.37 0.00	30.95 1.29 0.00	31.95 1.21 0.00	33.63 1.22 0.00	38.93 1.54 0.00	40.59 1.93 0.00	40.52 2.11 0.00	40.78 2.26 0.00	40.99 2.55 0.00	43.66 2.77 -4.21	54.50 3.15 -12.52	53.73 3.21 -10.24	54.55 3.43 -9.27	53.85 3.81 -2.42	59.68 4.68 0.00	97.23 7.83 0.00	59.52 4.51 0.00	53.47 4.19 0.00	52.81 3.50 0.00	50.43 2.68 0.00	48.98 2.63 0.00	41.34 1.99 0.00
HUDSON_AVE_GT_4 23540	37.24 1.70 0.00	32.25 1.43 0.00	29.89 1.37 0.00	30.95 1.29 0.00	31.95 1.21 0.00	33.63 1.22 0.00	38.93 1.54 0.00	40.59 1.93 0.00	40.52 2.11 0.00	40.78 2.26 0.00	40.99 2.55 0.00	43.66 2.77 -4.21	54.50 3.15 -12.52	53.73 3.21 -10.24	54.55 3.43 -9.27	53.85 3.81 -2.42	59.68 4.68 0.00	97.23 7.83 0.00	59.52 4.51 0.00	53.47 4.19 0.00	52.81 3.50 0.00	50.43 2.68 0.00	48.98 2.63 0.00	41.34 1.99 0.00
HUDSON_AVE_GT_5 23657	37.24 1.70 0.00	32.25 1.43 0.00	29.89 1.37 0.00	30.95 1.29 0.00	31.95 1.21 0.00	33.63 1.22 0.00	38.93 1.54 0.00	40.59 1.93 0.00	40.52 2.11 0.00	40.78 2.26 0.00	40.99 2.55 0.00	43.66 2.77 -4.21	54.50 3.15 -12.52	53.73 3.21 -10.24	54.55 3.43 -9.27	53.85 3.81 -2.42	59.68 4.68 0.00	97.23 7.83 0.00	59.52 4.51 0.00	53.47 4.19 0.00	52.81 3.50 0.00	50.43 2.68 0.00	48.98 2.63 0.00	41.34 1.99 0.00
HUDSON_AVE_10 24168	37.07 1.53 0.00	32.12 1.29 0.00	29.76 1.23 0.00	30.81 1.15 0.00	31.80 1.05 0.00	33.49 1.07 0.00	38.77 1.39 0.00	40.40 1.74 0.00	40.34 1.93 0.00	40.60 2.08 0.00	40.76 2.33 0.00	43.45 2.57 -4.21	54.26 2.91 -12.52	53.47 2.96 -10.24	54.30 3.18 -9.27	53.56 3.51 -2.42	59.33 4.33 0.00	96.68 7.28 0.00	59.19 4.17 0.00	53.15 3.88 0.01	52.49 3.19 0.01	50.13 2.39 0.00	48.74 2.38 0.00	41.14 1.79 0.00
HUDSON___115KV_TB 4 355613	36.79 1.26 0.00	32.16 1.34 0.00	29.79 1.26 0.00	30.96 1.30 0.00	32.06 1.32 0.00	33.67 1.25 0.00	38.64 1.25 0.00	39.81 1.16 0.00	39.32 0.91 0.00	39.25 0.74 0.00	39.14 0.71 0.00	37.49 0.81 0.00	39.67 0.84 0.00	41.11 0.83 0.00	42.61 0.76 0.00	48.49 0.85 0.00	56.04 1.04 0.00	91.43 2.02 0.00	56.71 1.70 0.00	51.07 1.79 0.00	51.11 1.81 0.00	49.44 1.69 0.00	44.18 1.60 3.77	39.32 1.19 1.22
HUNTER MOUNT___DRP 323613	36.90 1.36 0.00	32.26 1.44 0.00	29.87 1.35 0.00	31.06 1.40 0.00	32.17 1.42 0.00	33.80 1.38 0.00	38.81 1.42 0.00	40.01 1.36 0.00	39.53 1.12 0.00	39.44 0.93 0.00	39.30 0.86 0.00	37.64 0.96 0.00	39.81 0.97 0.00	41.26 0.98 0.00	42.75 0.89 0.00	48.62 0.99 0.00	56.24 1.24 0.00	91.85 2.44 0.00	56.91 1.89 0.00	51.29 2.01 0.00	51.35 2.04 0.00	49.64 1.90 0.00	45.21 1.77 2.92	39.72 1.32 0.94
HUNTINGTON_RES_REC 323705	37.82 2.28 0.00	32.61 1.79 0.00	30.39 1.87 0.00	31.41 1.75 0.00	32.44 1.70 0.00	33.97 1.56 0.00	39.28 1.89 0.00	40.80 2.15 0.00	40.34 1.94 0.00	40.36 1.85 0.00	40.71 2.27 0.00	39.01 2.51 0.19	41.40 3.12 0.55	42.71 2.88 0.45	44.50 3.06 0.41	50.96 3.40 0.07	59.08 4.08 0.00	96.32 6.92 0.00	59.18 4.17 0.00	53.28 4.00 0.00	52.24 2.93 0.00	43.00 1.56 6.30	47.98 1.63 0.00	40.51 1.16 0.00
HUNTLEY___63 23557	32.79 -2.75 0.00	28.88 -1.94 0.00	26.50 -2.02 0.00	27.47 -2.19 0.00	28.32 -2.41 0.02	29.01 -2.73 0.68	22.96 -2.71 11.73	23.40 -2.67 12.58	30.89 -2.90 4.62	35.72 -2.80 0.00	35.58 -2.86 0.00	33.55 -2.75 0.38	25.51 -2.45 10.87	24.16 -2.56 13.55	26.97 -2.74 12.15	36.73 -2.89 8.01	37.44 -3.21 14.35	66.72 -5.13 17.55	46.78 -3.97 4.27	46.17 -3.12 -0.01	46.20 -3.11 -0.01	44.62 -3.12 0.00	43.52 -2.83 0.00	37.70 -1.65 0.00
HUNTLEY___64 23558	32.79 -2.75 0.00	28.88 -1.94 0.00	26.50 -2.02 0.00	27.47 -2.19 0.00	28.32 -2.41 0.02	29.01 -2.73 0.68	22.96 -2.71 11.73	23.40 -2.67 12.58	30.89 -2.90 4.62	35.72 -2.80 0.00	35.58 -2.86 0.00	33.55 -2.75 0.38	25.51 -2.45 10.87	24.16 -2.56 13.55	26.97 -2.74 12.15	36.73 -2.89 8.01	37.44 -3.21 14.35	66.72 -5.13 17.55	46.78 -3.97 4.27	46.17 -3.12 -0.01	46.20 -3.11 -0.01	44.62 -3.12 0.00	43.52 -2.83 0.00	37.70 -1.65 0.00
HUNTLEY___65 23559	32.79 -2.75 0.00	28.88 -1.94 0.00	26.50 -2.02 0.00	27.47 -2.19 0.00	28.32 -2.41 0.02	29.01 -2.73 0.68	22.96 -2.71 11.73	23.40 -2.67 12.58	30.89 -2.90 4.62	35.72 -2.80 0.00	35.58 -2.86 0.00	33.55 -2.75 0.38	25.51 -2.45 10.87	24.16 -2.56 13.55	26.97 -2.74 12.15	36.73 -2.89 8.01	37.44 -3.21 14.35	66.72 -5.13 17.55	46.78 -3.97 4.27	46.17 -3.12 -0.01	46.20 -3.11 -0.01	44.62 -3.12 0.00	43.52 -2.83 0.00	37.70 -1.65 0.00
HUNTLEY___66 23560	32.79 -2.75 0.00	28.88 -1.94 0.00	26.50 -2.02 0.00	27.47 -2.19 0.00	28.32 -2.41 0.02	29.01 -2.73 0.68	22.96 -2.71 11.73	23.40 -2.67 12.58	30.89 -2.90 4.62	35.72 -2.80 0.00	35.58 -2.86 0.00	33.55 -2.75 0.38	25.51 -2.45 10.87	24.16 -2.56 13.55	26.97 -2.74 12.15	36.73 -2.89 8.01	37.44 -3.21 14.35	66.72 -5.13 17.55	46.78 -3.97 4.27	46.17 -3.12 -0.01	46.20 -3.11 -0.01	44.62 -3.12 0.00	43.52 -2.83 0.00	37.70 -1.65 0.00
HUNTLEY___67 23561	32.68 -2.86 0.00	28.72 -2.11 0.00	26.38 -2.14 0.00	27.35 -2.32 0.00	28.17 -2.55 0.02	28.77 -2.88 0.76	21.28 -3.03 13.08	21.65 -2.97 14.03	30.18 -3.07 5.16	35.64 -2.88 0.00	35.50 -2.93 0.00	33.43 -2.83 0.42	23.98 -2.66 12.20	22.21 -2.83 15.24	25.17 -3.02 13.66	35.45 -3.17 9.01	35.36 -3.49 16.15	64.05 -5.59 19.76	45.93 -4.25 4.84	45.95 -3.33 0.00	46.02 -3.29 0.00	44.47 -3.27 0.00	43.31 -3.05 0.00	37.45 -1.89 0.00

HUNTLEY___68 23562	32.68 -2.86 0.00	28.72 -2.11 0.00	26.38 -2.14 0.00	27.35 -2.32 0.00	28.17 -2.55 0.02	28.77 -2.88 0.76	21.28 -3.03 13.08	21.65 -2.97 14.03	30.18 -3.07 5.16	35.64 -2.88 0.00	35.50 -2.93 0.00	33.43 -2.83 0.42	23.98 -2.66 12.20	22.21 -2.83 15.24	25.17 -3.02 13.66	35.45 -3.17 9.01	35.36 -3.49 16.15	64.05 -5.59 19.76	45.93 -4.25 4.84	45.95 -3.33 0.00	46.02 -3.29 0.00	44.47 -3.27 0.00	43.31 -3.05 0.00	37.45 -1.89 0.00
HYLAND___LFGE 323620	35.65 0.11 0.00	30.91 0.09 0.00	28.39 -0.14 0.00	29.50 -0.16 0.00	30.56 -0.27 -0.08	34.38 -0.51 -2.47	79.49 -0.37 -42.48	83.47 -0.75 -45.57	53.68 -1.48 -16.75	37.14 -1.38 0.00	37.02 -1.42 0.00	36.59 -1.47 -1.38	77.28 -1.13 -39.58	88.76 -0.99 -49.48	84.05 -2.14 -44.34	73.01 -3.88 -29.25	102.76 -4.65 -52.40	146.26 -7.28 -64.14	66.99 -3.73 -15.71	47.91 -1.37 0.00	48.63 -0.68 0.00	47.01 -0.73 0.00	45.86 -0.49 0.00	41.48 2.13 0.00
INDECK___CORINTH 23802	37.85 2.31 0.00	32.75 1.93 0.00	30.37 1.85 0.00	31.56 1.90 0.00	32.72 1.97 0.00	34.50 2.09 0.00	39.82 2.43 0.00	41.03 2.37 0.00	40.43 2.02 0.00	40.29 1.77 0.00	40.00 1.56 0.00	38.24 1.56 0.00	40.42 1.59 0.00	42.04 1.77 0.00	43.77 1.92 0.00	50.26 2.62 0.00	58.32 3.32 0.00	95.45 6.04 0.00	58.52 3.51 0.00	52.84 3.56 0.00	53.01 3.70 0.00	51.36 3.62 0.00	51.47 3.41 -1.70	42.62 2.72 -0.55
INDECK___ILION 23567	36.08 0.55 0.00	31.31 0.49 0.00	28.99 0.47 0.00	30.13 0.47 0.00	31.21 0.46 0.00	32.85 0.44 0.00	37.81 0.42 0.00	38.87 0.22 0.00	38.40 -0.01 0.00	38.41 -0.11 0.00	38.28 -0.15 0.00	36.61 -0.06 0.00	38.77 -0.06 0.00	40.20 -0.08 0.00	41.76 -0.09 0.00	47.63 -0.01 0.00	55.15 0.15 0.00	90.18 0.77 0.00	55.73 0.71 0.00	50.25 0.97 0.00	50.26 0.95 0.00	48.64 0.89 0.00	47.23 0.88 0.00	39.95 0.60 0.00
INDECK___OLEAN 23982	33.48 -2.07 0.00	29.13 -1.69 0.00	26.97 -1.55 0.00	27.97 -1.69 0.00	28.90 -1.83 0.02	29.64 -2.11 0.67	23.87 -1.98 11.54	24.45 -1.83 12.38	31.81 -2.05 4.55	36.58 -1.93 0.00	36.52 -1.92 0.00	34.61 -1.70 0.38	26.86 -1.20 10.76	25.57 -1.26 13.44	28.19 -1.62 12.04	38.00 -1.69 7.94	38.92 -1.85 14.24	69.23 -2.75 17.42	47.77 -2.98 4.27	47.14 -2.14 0.00	47.37 -1.94 0.00	45.61 -2.13 0.00	44.46 -1.89 0.00	38.03 -1.32 0.00
INDECK___OSWEGO 23783	34.52 -1.02 0.00	29.98 -0.84 0.00	27.73 -0.79 0.00	28.82 -0.84 0.00	29.90 -0.85 0.00	31.51 -0.90 0.00	36.36 -1.03 0.00	37.47 -1.19 0.00	37.17 -1.24 0.00	37.26 -1.26 0.00	37.13 -1.31 0.00	35.34 -1.34 0.00	37.36 -1.47 0.00	38.76 -1.52 0.00	40.22 -1.64 0.00	45.91 -1.95 -0.23	53.50 -2.26 -0.76	92.94 -3.54 -7.08	58.23 -2.08 -5.29	53.06 -1.58 -5.36	53.58 -1.59 -5.86	47.40 -1.64 -1.29	46.35 -1.40 -1.40	38.32 -1.07 -0.04
INDECK___YERKES 23781	32.82 -2.72 0.00	28.90 -1.92 0.00	26.52 -2.00 0.00	27.50 -2.17 0.00	28.36 -2.37 0.02	29.03 -2.71 0.68	23.03 -2.63 11.73	23.48 -2.60 12.58	30.94 -2.85 4.62	35.74 -2.78 0.00	35.65 -2.79 0.00	33.59 -2.71 0.38	25.57 -2.38 10.87	24.24 -2.48 13.55	27.06 -2.65 12.15	36.81 -2.81 8.01	37.57 -3.08 14.35	66.88 -4.97 17.55	46.84 -3.91 4.27	46.22 -3.07 -0.01	46.24 -3.07 -0.01	44.65 -3.10 0.00	43.56 -2.80 0.00	37.72 -1.62 0.00
INDIAN POINT_GT_1 24139	37.06 1.52 0.00	32.04 1.22 0.00	29.69 1.16 0.00	30.76 1.10 0.00	31.80 1.05 0.00	33.49 1.08 0.00	38.69 1.30 0.00	40.23 1.57 0.00	40.07 1.66 0.00	40.28 1.76 0.00	40.43 2.00 0.00	38.86 2.19 0.00	41.39 2.56 0.00	42.90 2.62 0.00	44.68 2.82 0.00	50.80 3.16 0.00	58.99 3.99 0.00	96.19 6.79 0.00	58.96 3.94 0.00	52.92 3.64 0.00	52.34 3.03 0.00	50.02 2.28 0.00	48.53 2.18 0.00	40.95 1.60 0.00
INDIAN POINT_GT_2 23659	37.06 1.52 0.00	32.04 1.22 0.00	29.69 1.16 0.00	30.76 1.10 0.00	31.80 1.05 0.00	33.49 1.08 0.00	38.69 1.30 0.00	40.23 1.57 0.00	40.07 1.66 0.00	40.28 1.76 0.00	40.43 2.00 0.00	38.86 2.19 0.00	41.39 2.56 0.00	42.90 2.62 0.00	44.68 2.82 0.00	50.80 3.16 0.00	58.99 3.99 0.00	96.19 6.79 0.00	58.96 3.94 0.00	52.92 3.64 0.00	52.34 3.03 0.00	50.02 2.28 0.00	48.53 2.18 0.00	40.95 1.60 0.00
INDIAN POINT_GT_3 24019	37.06 1.52 0.00	32.04 1.22 0.00	29.69 1.16 0.00	30.76 1.10 0.00	31.80 1.05 0.00	33.49 1.08 0.00	38.69 1.30 0.00	40.23 1.57 0.00	40.07 1.66 0.00	40.28 1.76 0.00	40.43 2.00 0.00	38.86 2.19 0.00	41.39 2.56 0.00	42.90 2.62 0.00	44.68 2.82 0.00	50.80 3.16 0.00	58.99 3.99 0.00	96.19 6.79 0.00	58.96 3.94 0.00	52.92 3.64 0.00	52.34 3.03 0.00	50.02 2.28 0.00	48.53 2.18 0.00	40.95 1.60 0.00
INDIAN POINT___2 23530	37.02 1.48 0.00	32.01 1.18 0.00	29.66 1.13 0.00	30.73 1.07 0.00	31.76 1.01 0.00	33.44 1.03 0.00	38.64 1.25 0.00	40.17 1.52 0.00	40.01 1.60 0.00	40.20 1.69 0.00	40.38 1.94 0.00	38.83 2.15 0.00	41.38 2.55 0.00	42.87 2.60 0.00	44.67 2.82 0.00	50.76 3.12 0.00	58.94 3.94 0.00	96.13 6.73 0.00	58.92 3.91 0.00	52.88 3.61 0.00	52.29 2.98 0.00	49.98 2.24 0.00	48.48 2.13 0.00	40.90 1.56 0.00
INDIAN POINT___3 23531	37.03 1.50 0.00	32.03 1.21 0.00	29.67 1.15 0.00	30.75 1.09 0.00	31.79 1.04 0.00	33.46 1.05 0.00	38.66 1.28 0.00	40.20 1.54 0.00	40.04 1.63 0.00	40.22 1.71 0.00	40.39 1.96 0.00	38.85 2.17 0.00	41.37 2.54 0.00	42.87 2.60 0.00	44.64 2.79 0.00	50.76 3.12 0.00	58.93 3.93 0.00	96.10 6.70 0.00	58.90 3.88 0.00	52.86 3.58 0.00	52.29 2.98 0.00	49.99 2.24 0.00	48.49 2.14 0.00	40.92 1.57 0.00
INDIANHD_69_KV_BK1 55831	37.90 2.36 0.00	32.69 1.86 0.00	30.46 1.93 0.00	31.49 1.83 0.00	32.53 1.77 0.00	34.07 1.65 0.00	39.39 2.01 0.00	40.94 2.28 0.00	40.45 2.05 0.00	40.46 1.94 0.00	40.80 2.36 0.00	39.06 2.57 0.19	41.48 3.20 0.55	42.84 3.01 0.45	44.69 3.24 0.41	51.20 3.64 0.07	59.37 4.37 0.00	96.78 7.38 0.00	59.48 4.47 0.00	53.55 4.28 0.00	52.50 3.19 0.00	43.22 1.78 6.31	48.18 1.83 0.00	40.63 1.28 0.00
INGHAM_C_115KV_TB7 356103	36.64 1.10 0.00	31.82 1.00 0.00	29.46 0.94 0.00	30.60 0.93 0.00	31.68 0.93 0.00	33.28 0.87 0.00	38.20 0.82 0.00	38.99 0.34 0.00	38.25 -0.16 0.00	38.14 -0.38 0.00	37.94 -0.50 0.00	36.36 -0.32 0.00	38.51 -0.33 0.00	39.96 -0.32 0.00	41.48 -0.37 0.00	47.40 -0.23 0.00	54.99 -0.02 0.00	90.54 1.14 0.00	56.22 1.20 0.00	51.04 1.76 0.00	51.12 1.81 0.00	49.49 1.74 0.00	48.06 1.70 0.00	40.53 1.19 0.00
IP CORINTH___1 23988	37.85 2.31 0.00	32.75 1.93 0.00	30.37 1.85 0.00	31.56 1.90 0.00	32.72 1.98 0.00	34.50 2.08 0.00	39.82 2.44 0.00	41.03 2.37 0.00	40.43 2.02 0.00	40.29 1.77 0.00	40.00 1.56 0.00	38.25 1.57 0.00	40.41 1.58 0.00	42.04 1.77 0.00	43.77 1.92 0.00	50.26 2.63 0.00	58.32 3.32 0.00	95.45 6.04 0.00	58.52 3.50 0.00	52.84 3.56 0.00	53.01 3.70 0.00	51.36 3.62 0.00	51.47 3.41 -1.70	42.62 2.72 -0.55

IP__TICONDEROGA 23804	39.25 3.71 0.00	33.92 3.10 0.00	31.55 3.03 0.00	32.75 3.09 0.00	33.86 3.11 0.00	36.03 3.62 0.00	41.71 4.33 0.00	42.74 4.09 0.00	41.93 3.52 0.00	41.62 3.11 0.00	40.94 2.50 0.00	38.93 2.25 0.00	41.00 2.17 0.00	42.83 2.56 0.00	44.53 2.68 0.00	51.64 4.00 0.00	59.69 4.69 0.00	98.14 8.74 0.00	60.18 5.16 0.00	55.21 5.94 0.00	55.98 6.67 0.00	54.16 6.41 0.00	54.26 6.13 -1.78	44.76 4.84 -0.57
ISLIP_RES_REC 323679	38.02 2.48 0.00	32.82 2.00 0.00	30.59 2.07 0.00	31.63 1.97 0.00	32.68 1.93 0.00	34.24 1.83 0.00	39.62 2.23 0.00	41.20 2.54 0.00	40.69 2.28 0.00	40.64 2.13 0.00	40.94 2.50 0.00	39.14 2.65 0.19	41.59 3.31 0.55	43.03 3.21 0.45	44.92 3.47 0.41	51.52 3.96 0.07	59.64 4.64 0.00	97.21 7.81 0.00	59.80 4.78 0.00	53.91 4.63 0.00	52.85 3.54 0.00	43.60 2.13 6.28	48.46 2.10 0.00	40.80 1.45 0.00
JAMAICA__27_KV_LOAD 355505	37.25 1.71 0.00	32.31 1.48 0.00	29.90 1.38 0.00	30.93 1.27 0.00	31.93 1.18 0.00	33.67 1.25 0.00	39.01 1.62 0.00	40.63 1.97 0.00	40.57 2.16 0.00	40.82 2.31 0.00	40.90 2.47 0.00	43.59 2.70 -4.21	54.36 3.01 -12.52	53.58 3.06 -10.24	54.49 3.36 -9.27	53.71 3.66 -2.42	59.54 4.53 0.00	96.98 7.58 0.00	59.36 4.34 0.00	53.33 4.06 0.01	52.71 3.40 0.01	50.36 2.62 0.00	49.04 2.68 0.00	41.39 2.04 0.00
JANIS__SOLAR 323808	36.54 1.00 0.00	31.59 0.77 0.00	29.21 0.69 0.00	30.33 0.67 0.00	31.49 0.73 -0.01	33.31 0.66 -0.23	42.30 0.95 -3.96	43.50 0.60 -4.25	39.91 -0.06 -1.56	38.23 -0.29 0.00	37.85 -0.59 0.00	36.17 -0.63 -0.13	42.04 -0.48 -3.69	44.46 -0.43 -4.61	45.53 -0.46 -4.14	50.20 -0.21 -2.78	60.23 0.18 -5.05	98.42 1.53 -7.49	59.13 1.52 -2.59	52.95 2.53 -1.14	53.32 2.76 -1.25	50.41 2.39 -0.28	48.70 2.05 -0.30	40.81 1.45 -0.01
JARVIS____ 23743	35.65 0.11 0.00	30.93 0.10 0.00	28.64 0.11 0.00	29.78 0.12 0.00	30.87 0.11 0.00	32.51 0.10 0.00	37.47 0.08 0.00	38.71 0.05 0.00	38.43 0.02 0.00	38.52 0.00 0.00	38.44 0.00 0.00	36.69 0.01 0.00	38.83 0.00 0.00	40.27 0.00 0.00	41.83 -0.02 0.00	47.64 0.01 0.00	55.05 0.05 0.00	89.58 0.18 0.00	55.17 0.15 0.00	49.52 0.24 0.00	49.50 0.19 0.00	47.89 0.15 0.00	46.53 0.17 0.00	39.46 0.11 0.00
JENNISON__1 23625	36.67 1.13 0.00	31.72 0.89 0.00	29.35 0.83 0.00	30.39 0.72 0.00	31.57 0.82 0.00	33.34 0.80 -0.12	40.59 1.10 -2.10	41.82 0.91 -2.25	39.81 0.57 -0.83	39.02 0.50 0.00	38.69 0.25 0.00	36.92 0.17 -0.07	41.08 0.29 -1.96	43.08 0.36 -2.45	44.55 0.51 -2.19	49.97 0.85 -1.48	58.93 1.23 -2.71	97.05 3.39 -4.25	58.94 2.34 -1.58	53.04 2.95 -0.82	53.18 2.97 -0.90	50.46 2.52 -0.20	48.59 2.02 -0.21	40.45 1.10 -0.01
JENNISON__2 23626	36.67 1.13 0.00	31.72 0.89 0.00	29.35 0.83 0.00	30.39 0.72 0.00	31.57 0.82 0.00	33.34 0.80 -0.12	40.59 1.10 -2.10	41.82 0.91 -2.25	39.81 0.57 -0.83	39.02 0.50 0.00	38.69 0.25 0.00	36.92 0.17 -0.07	41.08 0.29 -1.96	43.08 0.36 -2.45	44.55 0.51 -2.19	49.97 0.85 -1.48	58.93 1.23 -2.71	97.05 3.39 -4.25	58.94 2.34 -1.58	53.04 2.95 -0.82	53.18 2.97 -0.90	50.46 2.52 -0.20	48.59 2.02 -0.21	40.45 1.10 -0.01
JERICHO_RISE_WT_PWR 323719	35.05 -0.48 0.00	30.50 -0.33 0.00	28.24 -0.29 0.00	29.43 -0.23 0.00	30.53 -0.22 0.00	32.31 -0.10 0.00	37.29 -0.10 0.00	38.71 0.05 0.00	38.66 0.25 0.00	38.83 0.31 0.00	38.71 0.27 0.00	36.82 0.14 0.00	38.90 0.07 0.00	40.40 0.12 0.00	41.96 0.11 0.00	47.72 0.09 0.00	54.97 -0.03 0.00	89.00 -0.40 0.00	54.68 -0.34 0.00	48.81 -0.47 0.00	49.04 -0.27 0.00	47.63 -0.11 0.00	46.14 -0.22 0.00	39.19 -0.15 0.00
KATONAH__115KV_46KV_TB4 355592	37.23 1.69 0.00	32.20 1.38 0.00	29.83 1.31 0.00	30.91 1.25 0.00	31.94 1.20 0.00	33.63 1.22 0.00	38.85 1.47 0.00	40.41 1.75 0.00	40.26 1.85 0.00	40.45 1.93 0.00	40.61 2.17 0.00	39.07 2.39 0.00	41.58 2.75 0.00	43.12 2.85 0.00	44.90 3.05 0.00	51.10 3.46 0.00	59.32 4.32 0.00	96.75 7.35 0.00	59.31 4.29 0.00	53.21 3.93 0.00	52.63 3.32 0.00	50.31 2.57 0.00	48.81 2.46 0.00	41.18 1.84 0.00
KCE_NY_1 323755	37.42 1.88 0.00	32.46 1.63 0.00	30.08 1.56 0.00	31.25 1.59 0.00	32.39 1.64 0.00	34.08 1.67 0.00	39.28 1.89 0.00	40.47 1.81 0.00	40.02 1.61 0.00	39.95 1.44 0.00	39.73 1.30 0.00	38.01 1.33 0.00	40.21 1.38 0.00	41.77 1.49 0.00	43.47 1.61 0.00	49.76 2.12 0.00	57.65 2.65 0.00	94.08 4.68 0.00	57.98 2.96 0.00	52.10 2.82 0.00	52.14 2.83 0.00	50.51 2.76 0.00	50.87 2.67 -1.85	42.07 2.12 -0.60
KCE_NY_6_ESR 323823	33.13 -2.41 0.00	29.06 -1.77 0.00	26.72 -1.81 0.00	27.67 -1.99 0.00	28.50 -2.22 0.03	29.09 -2.51 0.82	20.76 -2.53 14.09	21.08 -2.46 15.12	30.24 -2.62 5.56	36.08 -2.43 0.00	35.97 -2.47 0.00	33.83 -2.40 0.46	23.59 -2.11 13.13	21.64 -2.24 16.39	24.78 -2.39 14.69	35.53 -2.42 9.69	35.13 -2.52 17.36	64.20 -3.96 21.24	46.50 -3.32 5.20	46.80 -2.48 0.00	46.90 -2.41 0.00	45.30 -2.45 0.00	44.03 -2.32 0.00	38.01 -1.34 0.00
KEDC_PORT_JEFF_GT2 24210	37.88 2.34 0.00	32.71 1.89 0.00	30.49 1.96 0.00	31.53 1.87 0.00	32.56 1.81 0.00	34.12 1.70 0.00	39.46 2.07 0.00	41.02 2.36 0.00	40.52 2.11 0.00	40.45 1.94 0.00	40.76 2.32 0.00	38.97 2.48 0.19	41.38 3.10 0.55	42.80 2.98 0.45	44.65 3.21 0.41	51.18 3.62 0.07	59.29 4.29 0.00	96.65 7.25 0.00	59.42 4.40 0.00	53.56 4.28 0.00	52.51 3.21 0.00	43.22 1.82 6.35	48.19 1.84 0.00	40.60 1.26 0.00
KEDC_PORT_JEFF_GT3 24211	37.88 2.34 0.00	32.71 1.89 0.00	30.49 1.96 0.00	31.53 1.87 0.00	32.56 1.81 0.00	34.12 1.70 0.00	39.46 2.07 0.00	41.02 2.36 0.00	40.52 2.11 0.00	40.45 1.94 0.00	40.76 2.32 0.00	38.97 2.48 0.19	41.38 3.10 0.55	42.80 2.98 0.45	44.65 3.21 0.41	51.18 3.62 0.07	59.29 4.29 0.00	96.65 7.25 0.00	59.42 4.40 0.00	53.56 4.28 0.00	52.51 3.21 0.00	43.22 1.82 6.35	48.19 1.84 0.00	40.60 1.26 0.00
KEDC_GLWD_GT4 24219	37.56 2.02 0.00	32.44 1.61 0.00	30.10 1.57 0.00	31.15 1.49 0.00	32.19 1.44 0.00	33.82 1.41 0.00	39.08 1.69 0.00	40.69 2.03 0.00	40.48 2.07 0.00	40.65 2.13 0.00	40.96 2.53 0.00	39.29 2.80 0.19	41.58 3.30 0.55	43.10 3.28 0.45	44.93 3.49 0.41	51.37 3.79 0.06	59.51 4.52 0.00	97.03 7.63 0.00	59.48 4.46 0.00	53.37 4.09 0.00	52.51 3.20 0.00	47.87 2.23 2.11	48.78 2.43 0.00	41.17 1.83 0.00
KEDC_GLWD_GT5 24220	37.56 2.02 0.00	32.44 1.61 0.00	30.10 1.57 0.00	31.15 1.49 0.00	32.19 1.44 0.00	33.82 1.41 0.00	39.08 1.69 0.00	40.69 2.03 0.00	40.48 2.07 0.00	40.65 2.13 0.00	40.96 2.53 0.00	39.29 2.80 0.19	41.58 3.30 0.55	43.10 3.28 0.45	44.93 3.49 0.41	51.37 3.79 0.06	59.51 4.52 0.00	97.03 7.63 0.00	59.48 4.46 0.00	53.37 4.09 0.00	52.51 3.20 0.00	47.87 2.23 2.11	48.78 2.43 0.00	41.17 1.83 0.00

KENSICO____ 23655	37.16 1.62 0.00	32.14 1.32 0.00	29.78 1.26 0.00	30.85 1.19 0.00	31.89 1.14 0.00	33.57 1.15 0.00	38.78 1.39 0.00	40.34 1.68 0.00	40.19 1.78 0.00	40.39 1.87 0.00	40.57 2.13 0.00	39.09 2.33 -0.09	41.80 2.71 -0.26	43.25 2.76 -0.21	45.00 2.95 -0.19	51.02 3.33 -0.05	59.16 4.15 0.00	96.45 7.05 0.00	59.11 4.09 0.00	53.05 3.77 0.00	52.46 3.15 0.00	50.14 2.39 0.00	48.66 2.30 0.00	41.07 1.73 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.29 1.75 0.00	32.18 1.36 0.00	29.79 1.27 0.00	30.87 1.21 0.00	31.91 1.16 0.00	33.63 1.21 0.00	38.90 1.51 0.00	40.43 1.77 0.00	40.13 1.73 0.00	40.22 1.70 0.00	40.31 1.87 0.00	38.70 2.02 0.00	41.24 2.41 0.00	42.78 2.51 0.00	44.61 2.75 0.00	50.88 3.25 0.00	59.29 4.29 0.00	97.12 7.71 0.00	59.70 4.68 0.00	53.64 4.36 0.00	53.12 3.81 0.00	50.74 2.99 0.00	48.81 2.75 0.29	41.28 2.03 0.09
KIAC_JFK_GT1 23816	36.98 1.44 0.00	32.08 1.26 0.00	29.70 1.18 0.00	30.73 1.07 0.00	31.73 0.98 0.00	33.44 1.03 0.00	38.74 1.35 0.00	40.35 1.70 0.00	40.30 1.89 0.00	40.54 2.03 0.00	40.58 2.14 0.00	43.18 2.29 -4.21	53.92 2.57 -12.52	53.13 2.61 -10.24	53.99 2.86 -9.27	53.15 3.10 -2.42	58.86 3.86 0.00	95.85 6.45 0.00	58.68 3.67 0.00	52.70 3.42 0.01	52.08 2.78 0.01	49.75 2.01 0.00	48.47 2.11 0.00	40.91 1.56 0.00
KIAC_JFK_GT2 23817	36.98 1.44 0.00	32.08 1.26 0.00	29.70 1.18 0.00	30.73 1.07 0.00	31.73 0.98 0.00	33.44 1.03 0.00	38.74 1.35 0.00	40.35 1.70 0.00	40.30 1.89 0.00	40.54 2.03 0.00	40.58 2.14 0.00	43.18 2.29 -4.21	53.92 2.57 -12.52	53.13 2.61 -10.24	53.99 2.86 -9.27	53.15 3.10 -2.42	58.86 3.86 0.00	95.85 6.45 0.00	58.68 3.67 0.00	52.70 3.42 0.01	52.08 2.78 0.01	49.75 2.01 0.00	48.47 2.11 0.00	40.91 1.56 0.00
KIAC_JFK____ 323774	36.98 1.44 0.00	32.08 1.26 0.00	29.70 1.18 0.00	30.72 1.06 0.00	31.72 0.97 0.00	33.44 1.03 0.00	38.73 1.34 0.00	40.35 1.69 0.00	40.30 1.89 0.00	40.54 2.03 0.00	40.57 2.13 0.00	43.18 2.29 -4.21	53.93 2.58 -12.52	53.13 2.61 -10.24	53.99 2.87 -9.27	53.15 3.10 -2.42	58.84 3.84 0.00	95.85 6.45 0.00	58.68 3.66 0.00	52.70 3.42 0.01	52.08 2.78 0.01	49.75 2.01 0.00	48.47 2.11 0.00	40.91 1.56 0.00
KINTIGH_24_KV_GSU 356498	32.91 -2.63 0.00	28.86 -1.96 0.00	26.55 -1.98 0.00	27.54 -2.12 0.00	28.43 -2.31 0.01	29.40 -2.59 0.42	27.35 -2.78 7.26	28.10 -2.77 7.78	32.71 -2.84 2.86	35.84 -2.67 0.00	35.78 -2.66 0.00	33.84 -2.61 0.24	29.57 -2.50 6.77	29.18 -2.63 8.46	31.43 -2.84 7.58	39.62 -3.01 5.01	42.72 -3.31 8.96	73.09 -5.34 10.97	48.46 -3.87 2.69	46.21 -3.07 0.00	46.23 -3.08 0.00	44.64 -3.11 0.00	43.46 -2.90 0.00	37.47 -1.88 0.00
KINTIGH____ 23543	32.89 -2.65 0.00	28.85 -1.97 0.00	26.53 -1.99 0.00	27.53 -2.13 0.00	28.41 -2.33 0.01	29.38 -2.61 0.42	27.29 -2.84 7.26	28.05 -2.82 7.78	32.67 -2.87 2.86	35.83 -2.69 0.00	35.72 -2.72 0.00	33.82 -2.62 0.24	29.52 -2.55 6.77	29.11 -2.70 8.46	31.36 -2.91 7.58	39.55 -3.08 5.01	42.63 -3.41 8.96	72.95 -5.48 10.97	48.40 -3.93 2.69	46.18 -3.10 0.00	46.19 -3.12 0.00	44.61 -3.13 0.00	43.43 -2.92 0.00	37.45 -1.90 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	35.73 0.19 0.00	31.06 0.23 0.00	28.75 0.22 0.00	29.94 0.28 0.00	31.05 0.30 0.00	32.87 0.46 0.00	37.94 0.55 0.00	39.33 0.68 0.00	39.18 0.78 0.00	39.25 0.74 0.00	39.09 0.65 0.00	37.11 0.43 0.00	39.18 0.34 0.00	40.75 0.47 0.00	42.33 0.47 0.00	48.21 0.57 0.00	55.53 0.53 0.00	90.06 0.66 0.00	55.27 0.25 0.00	49.47 0.20 0.00	49.68 0.37 0.00	48.29 0.54 0.00	46.77 0.41 0.00	39.76 0.41 0.00
LACHUTE____HYDRO 323717	39.25 3.71 0.00	33.92 3.10 0.00	31.55 3.03 0.00	32.75 3.09 0.00	33.86 3.11 0.00	36.03 3.62 0.00	41.71 4.32 0.00	42.74 4.09 0.00	41.93 3.52 0.00	41.62 3.11 0.00	40.94 2.50 0.00	38.93 2.25 0.00	41.00 2.17 0.00	42.84 2.56 0.00	44.53 2.68 0.00	51.64 4.00 0.00	59.69 4.69 0.00	98.14 8.74 0.00	60.18 5.16 0.00	55.21 5.93 0.00	55.98 6.67 0.00	54.16 6.41 0.00	54.26 6.13 -1.78	44.76 4.84 -0.57
LAWRNCV_115KV_TB1 80681	35.09 -0.45 0.00	30.47 -0.35 0.00	28.18 -0.34 0.00	29.36 -0.30 0.00	30.54 -0.21 0.00	32.31 -0.10 0.00	37.33 -0.06 0.00	38.58 -0.07 0.00	38.42 0.02 0.00	38.51 -0.01 0.00	38.43 -0.01 0.00	36.53 -0.15 0.00	38.52 -0.32 0.00	40.09 -0.18 0.00	41.57 -0.29 0.00	46.95 -0.69 0.00	53.74 -1.26 0.00	86.83 -2.57 0.00	53.50 -1.52 0.00	47.91 -1.37 0.00	48.28 -1.03 0.00	46.92 -0.82 0.00	45.62 -0.73 0.00	38.98 -0.37 0.00
LEDERLE____ 23769	37.22 1.68 0.00	32.16 1.34 0.00	29.79 1.26 0.00	30.86 1.20 0.00	31.90 1.15 0.00	33.60 1.18 0.00	38.83 1.45 0.00	40.37 1.72 0.00	40.22 1.81 0.00	40.43 1.91 0.00	40.65 2.21 0.00	39.08 2.41 0.00	41.69 2.86 0.00	43.24 2.96 0.00	45.05 3.20 0.00	51.20 3.57 0.00	59.51 4.50 0.00	97.11 7.71 0.00	59.47 4.45 0.00	53.34 4.07 0.00	52.74 3.43 0.00	50.39 2.64 0.00	48.81 2.46 0.00	41.14 1.80 0.00
LIGHTHSE_115KV_TB6 355974	34.60 -0.94 0.00	30.04 -0.79 0.00	27.82 -0.71 0.00	28.96 -0.70 0.00	30.20 -0.55 0.00	31.91 -0.51 0.00	36.88 -0.51 0.00	37.89 -0.77 0.00	37.60 -0.81 0.00	37.61 -0.91 0.00	37.40 -1.04 0.00	35.60 -1.08 0.00	37.61 -1.22 0.00	39.02 -1.25 0.00	40.55 -1.30 0.00	46.42 -1.33 -0.11	53.88 -1.50 -0.38	90.75 -2.21 -3.56	56.75 -0.92 -2.66	51.75 -0.23 -2.70	52.14 -0.12 -2.95	48.11 -0.29 -0.65	46.68 -0.38 -0.70	39.02 -0.35 -0.02
LINDEN COGEN____ 23786	36.96 1.42 0.00	32.01 1.19 0.00	29.68 1.15 0.00	30.73 1.07 0.00	31.73 0.97 0.00	33.38 0.97 0.00	38.62 1.24 0.00	40.25 1.60 0.00	40.17 1.77 0.01	40.46 1.95 0.00	40.68 2.24 0.00	43.39 2.50 -4.21	54.22 2.87 -12.52	53.41 2.90 -10.24	54.25 3.13 -9.27	53.48 3.42 -2.42	59.28 4.28 0.00	96.62 7.22 0.00	59.18 4.17 0.00	53.16 3.88 0.00	52.49 3.18 0.00	50.08 2.34 0.00	48.62 2.27 0.00	41.03 1.68 0.00
LINDHRST_69_KV_BK1 356055	38.16 2.62 0.00	32.90 2.08 0.00	30.59 2.07 0.00	31.63 1.97 0.00	32.67 1.93 0.00	34.25 1.83 0.00	39.60 2.22 0.00	41.21 2.56 0.00	40.85 2.44 0.00	40.89 2.37 0.00	41.20 2.76 0.00	39.58 3.09 0.19	41.94 3.67 0.55	43.38 3.56 0.45	45.25 3.80 0.41	51.67 4.10 0.07	59.98 4.97 0.00	97.77 8.36 0.00	60.01 5.00 0.00	54.04 4.76 0.00	53.06 3.75 0.00	45.03 2.51 5.22	48.87 2.51 0.00	41.25 1.91 0.00
LIPA_MISC_IPP 23656	37.72 2.18 0.00	32.63 1.81 0.00	30.43 1.91 0.00	31.49 1.82 0.00	32.53 1.77 0.00	34.09 1.68 0.00	39.44 2.06 0.00	41.01 2.36 0.00	40.42 2.02 0.00	40.33 1.81 0.00	40.58 2.14 0.00	38.64 2.15 0.19	41.02 2.74 0.55	42.51 2.69 0.45	44.35 2.91 0.41	50.93 3.37 0.08	58.89 3.89 0.00	95.89 6.49 0.00	59.02 4.00 0.00	53.31 4.03 0.00	52.28 2.97 0.00	42.97 1.60 6.38	47.97 1.62 0.00	40.35 1.01 0.00

LISF___SOLAR 323691	37.78 2.25 0.00	32.68 1.86 0.00	30.48 1.95 0.00	31.54 1.87 0.00	32.57 1.82 0.00	34.15 1.73 0.00	39.51 2.12 0.00	41.07 2.41 0.00	40.49 2.08 0.00	40.36 1.85 0.00	40.60 2.16 0.00	38.65 2.16 0.19	41.04 2.76 0.55	42.55 2.72 0.45	44.39 2.95 0.41	51.00 3.44 0.08	58.94 3.94 0.00	96.04 6.63 0.00	59.15 4.13 0.00	53.42 4.14 0.00	52.40 3.09 0.00	43.09 1.72 6.37	48.07 1.71 0.00	40.43 1.08 0.00
LITTLE FALLS___HYD 24013	36.64 1.10 0.00	31.82 1.00 0.00	29.46 0.94 0.00	30.60 0.93 0.00	31.68 0.93 0.00	33.28 0.87 0.00	38.20 0.82 0.00	38.99 0.34 0.00	38.25 -0.16 0.00	38.14 -0.38 0.00	37.94 -0.50 0.00	36.36 -0.32 0.00	38.51 -0.33 0.00	39.96 -0.32 0.00	41.48 -0.37 0.00	47.40 -0.23 0.00	54.99 -0.02 0.00	90.54 1.14 0.00	56.22 1.20 0.00	51.04 1.76 0.00	51.12 1.81 0.00	49.49 1.74 0.00	48.06 1.70 0.00	40.53 1.19 0.00
LITTLRIV_115KV_TB1 356100	35.47 -0.07 0.00	30.82 -0.01 0.00	28.48 -0.05 0.00	29.66 0.00 0.00	30.85 0.10 0.00	32.63 0.21 0.00	37.71 0.32 0.00	38.82 0.16 0.00	38.62 0.22 0.00	38.63 0.11 0.00	38.68 0.25 0.00	36.72 0.04 0.00	38.64 -0.20 0.00	40.43 0.16 0.00	41.71 -0.15 0.00	47.06 -0.57 0.00	53.85 -1.16 0.00	87.48 -1.92 0.00	53.85 -1.17 0.00	48.35 -0.92 0.00	48.84 -0.47 0.00	47.51 -0.23 0.00	46.16 -0.19 0.00	39.42 0.07 0.00
LI_NEWBRDGE___DRP 323616	37.45 1.91 0.00	32.31 1.49 0.00	30.04 1.52 0.00	31.08 1.42 0.00	32.10 1.36 0.00	33.68 1.26 0.00	38.92 1.54 0.00	40.48 1.82 0.00	40.15 1.74 0.00	40.26 1.74 0.00	40.57 2.13 0.00	38.92 2.43 0.19	41.21 2.93 0.55	42.59 2.77 0.45	44.37 2.93 0.41	50.70 3.14 0.08	58.78 3.78 0.00	95.79 6.38 0.00	58.79 3.77 0.00	52.93 3.65 0.00	52.05 2.74 0.00	42.48 1.61 6.87	48.05 1.70 0.00	40.58 1.24 0.00
LOCKPORT_115KV_TB60_63_64 80432	32.47 -3.07 0.00	28.65 -2.18 0.00	26.29 -2.24 0.00	27.26 -2.40 0.00	28.10 -2.63 0.02	28.84 -2.99 0.59	24.30 -2.98 10.10	24.81 -3.01 10.83	31.15 -3.28 3.98	35.32 -3.19 0.00	35.17 -3.27 0.00	33.21 -3.14 0.33	26.55 -2.90 9.38	25.54 -3.04 11.70	28.13 -3.24 10.48	37.19 -3.54 6.91	38.63 -3.97 12.39	67.89 -6.34 15.17	46.78 -4.52 3.72	45.60 -3.68 0.00	45.70 -3.61 0.00	44.19 -3.56 0.00	43.07 -3.29 0.00	37.35 -1.99 0.00
LOCKPORT___CC1 323769	32.48 -3.06 0.00	28.64 -2.19 0.00	26.28 -2.24 0.00	27.25 -2.42 0.00	28.10 -2.62 0.02	28.80 -2.99 0.62	23.69 -3.00 10.70	24.17 -3.00 11.48	30.93 -3.26 4.22	35.34 -3.18 0.00	35.24 -3.20 0.00	33.21 -3.12 0.35	26.01 -2.87 9.95	24.85 -3.01 12.41	27.52 -3.21 11.12	36.82 -3.49 7.33	37.98 -3.88 13.15	67.06 -6.25 16.09	46.58 -4.50 3.94	45.61 -3.67 0.00	45.71 -3.60 0.00	44.19 -3.55 0.00	43.07 -3.28 0.00	37.35 -2.00 0.00
LOCKPORT___CC2 323770	32.48 -3.06 0.00	28.64 -2.19 0.00	26.28 -2.24 0.00	27.25 -2.42 0.00	28.10 -2.62 0.02	28.80 -2.99 0.62	23.69 -3.00 10.70	24.17 -3.00 11.48	30.93 -3.26 4.22	35.34 -3.18 0.00	35.24 -3.20 0.00	33.21 -3.12 0.35	26.01 -2.87 9.95	24.85 -3.01 12.41	27.52 -3.21 11.12	36.82 -3.49 7.33	37.98 -3.88 13.15	67.06 -6.25 16.09	46.58 -4.50 3.94	45.61 -3.67 0.00	45.71 -3.60 0.00	44.19 -3.55 0.00	43.07 -3.28 0.00	37.35 -2.00 0.00
LOCKPORT___CC3 323771	32.48 -3.06 0.00	28.64 -2.19 0.00	26.28 -2.24 0.00	27.25 -2.42 0.00	28.10 -2.62 0.02	28.80 -2.99 0.62	23.69 -3.00 10.70	24.17 -3.00 11.48	30.93 -3.26 4.22	35.34 -3.18 0.00	35.24 -3.20 0.00	33.21 -3.12 0.35	26.01 -2.87 9.95	24.85 -3.01 12.41	27.52 -3.21 11.12	36.82 -3.49 7.33	37.98 -3.88 13.15	67.06 -6.25 16.09	46.58 -4.50 3.94	45.61 -3.67 0.00	45.71 -3.60 0.00	44.19 -3.55 0.00	43.07 -3.28 0.00	37.35 -2.00 0.00
LOCUSVLY_69_KV_BK2 55797	37.75 2.22 0.00	32.57 1.74 0.00	30.27 1.75 0.00	31.32 1.66 0.00	32.35 1.60 0.00	33.95 1.54 0.00	39.23 1.84 0.00	40.85 2.19 0.00	40.58 2.17 0.00	40.74 2.22 0.00	41.05 2.61 0.00	39.38 2.89 0.19	41.73 3.46 0.55	43.21 3.38 0.45	45.05 3.61 0.41	51.53 3.96 0.06	59.76 4.76 0.00	97.44 8.03 0.00	59.72 4.70 0.00	53.63 4.36 0.00	52.73 3.43 0.00	46.83 2.30 3.21	48.71 2.35 0.00	41.14 1.79 0.00
LONG_LAKE_PHOENIX 24014	34.52 -1.02 0.00	29.97 -0.85 0.00	27.72 -0.81 0.00	28.81 -0.86 0.00	29.85 -0.90 0.00	31.45 -0.97 0.00	36.28 -1.11 0.00	37.41 -1.24 0.00	37.12 -1.29 0.00	37.21 -1.31 0.00	37.08 -1.35 0.00	35.29 -1.38 0.00	37.34 -1.49 0.00	38.75 -1.53 0.00	40.27 -1.58 0.00	46.10 -1.71 -0.17	53.70 -1.88 -0.58	91.97 -2.81 -5.38	57.37 -1.67 -4.02	52.12 -1.23 -4.07	52.48 -1.29 -4.45	47.36 -1.37 -0.98	46.08 -1.34 -1.06	38.28 -1.10 -0.03
LOVETT___3 23632	36.99 1.45 0.00	31.99 1.16 0.00	29.63 1.11 0.00	30.71 1.05 0.00	31.74 0.99 0.00	33.42 1.00 0.00	38.62 1.24 0.00	40.14 1.48 0.00	39.97 1.56 0.00	40.17 1.65 0.00	40.35 1.91 0.00	38.79 2.11 0.00	41.34 2.51 0.00	42.85 2.58 0.00	44.63 2.78 0.00	50.72 3.09 0.00	58.89 3.89 0.00	96.07 6.66 0.00	58.88 3.86 0.00	52.83 3.55 0.00	52.25 2.94 0.00	49.95 2.21 0.00	48.44 2.08 0.00	40.86 1.51 0.00
LOVETT___4 23642	36.99 1.45 0.00	31.99 1.16 0.00	29.63 1.11 0.00	30.71 1.05 0.00	31.74 0.99 0.00	33.42 1.00 0.00	38.62 1.24 0.00	40.14 1.48 0.00	39.97 1.56 0.00	40.17 1.65 0.00	40.35 1.91 0.00	38.79 2.11 0.00	41.34 2.51 0.00	42.85 2.58 0.00	44.63 2.78 0.00	50.72 3.09 0.00	58.89 3.89 0.00	96.07 6.66 0.00	58.88 3.86 0.00	52.83 3.55 0.00	52.25 2.94 0.00	49.95 2.21 0.00	48.44 2.08 0.00	40.86 1.51 0.00
LOVETT___5 23593	36.99 1.45 0.00	31.99 1.16 0.00	29.63 1.11 0.00	30.71 1.05 0.00	31.74 0.99 0.00	33.42 1.00 0.00	38.62 1.24 0.00	40.14 1.48 0.00	39.97 1.56 0.00	40.17 1.65 0.00	40.35 1.91 0.00	38.79 2.11 0.00	41.34 2.51 0.00	42.85 2.58 0.00	44.63 2.78 0.00	50.72 3.09 0.00	58.89 3.89 0.00	96.07 6.66 0.00	58.88 3.86 0.00	52.83 3.55 0.00	52.25 2.94 0.00	49.95 2.21 0.00	48.44 2.08 0.00	40.86 1.51 0.00
LOWER RAQUET___HYD 24057	34.97 -0.57 0.00	30.38 -0.45 0.00	28.09 -0.43 0.00	29.27 -0.39 0.00	30.46 -0.28 0.00	32.25 -0.17 0.00	37.25 -0.13 0.00	38.50 -0.16 0.00	38.33 -0.08 0.00	38.39 -0.12 0.00	38.32 -0.12 0.00	36.42 -0.26 0.00	38.38 -0.45 0.00	39.97 -0.30 0.00	41.42 -0.43 0.00	46.72 -0.91 0.00	53.46 -1.54 0.00	86.36 -3.04 0.00	53.23 -1.79 0.00	47.71 -1.56 0.00	48.10 -1.21 0.00	46.76 -0.98 0.00	45.47 -0.88 0.00	38.87 -0.48 0.00
LOWER___HUDSON 24059	36.94 1.40 0.00	32.14 1.32 0.00	29.77 1.25 0.00	30.95 1.29 0.00	32.06 1.32 0.00	33.69 1.27 0.00	38.74 1.36 0.00	39.99 1.33 0.00	39.64 1.23 0.00	39.59 1.08 0.00	39.40 0.96 0.00	37.71 1.03 0.00	39.83 1.00 0.00	41.32 1.05 0.00	42.94 1.09 0.00	49.00 1.36 0.00	56.68 1.68 0.00	92.10 2.70 0.00	56.85 1.83 0.00	51.05 1.77 0.00	51.03 1.72 0.00	49.59 1.84 0.00	51.01 1.82 -2.84	41.72 1.45 -0.92

LOWVILLE_115KV_TB2 356335	34.56 -0.98 0.00	30.01 -0.81 0.00	27.91 -0.62 0.00	29.17 -0.49 0.00	30.75 0.00 0.00	32.70 0.29 0.00	37.90 0.51 0.00	38.91 0.25 0.00	38.51 0.10 0.00	38.45 -0.07 0.00	38.21 -0.23 0.00	36.38 -0.30 0.00	38.37 -0.46 0.00	39.80 -0.48 0.00	41.30 -0.55 0.00	47.19 -0.48 -0.03	54.62 -0.50 -0.11	89.89 -0.58 -1.07	56.06 0.24 -0.80	51.42 1.34 -0.81	51.84 1.64 -0.88	49.41 1.47 -0.19	47.69 1.13 -0.21	40.12 0.77 -0.01
LUTHERFT_115KV_GLOB_FND_222 355753	37.41 1.87 0.00	32.45 1.63 0.00	30.07 1.54 0.00	31.25 1.59 0.00	32.38 1.64 0.00	34.08 1.66 0.00	39.27 1.88 0.00	40.47 1.81 0.00	40.01 1.60 0.00	39.93 1.42 0.00	39.72 1.28 0.00	38.00 1.32 0.00	40.18 1.35 0.00	41.75 1.47 0.00	43.43 1.57 0.00	49.70 2.06 0.00	57.59 2.59 0.00	93.99 4.59 0.00	57.92 2.91 0.00	52.09 2.81 0.00	52.11 2.80 0.00	50.49 2.75 0.00	50.84 2.64 -1.85	42.07 2.12 -0.60
LUTHERNY_35_KV_BK2 355980	37.42 1.88 0.00	32.46 1.63 0.00	30.08 1.56 0.00	31.25 1.59 0.00	32.39 1.64 0.00	34.08 1.67 0.00	39.28 1.89 0.00	40.47 1.81 0.00	40.02 1.61 0.00	39.95 1.44 0.00	39.73 1.29 0.00	38.01 1.33 0.00	40.21 1.38 0.00	41.76 1.49 0.00	43.47 1.61 0.00	49.76 2.12 0.00	57.65 2.65 0.00	94.09 4.69 0.00	57.98 2.97 0.00	52.10 2.82 0.00	52.15 2.83 0.00	50.51 2.76 0.00	50.87 2.67 -1.85	42.07 2.12 -0.60
LWR__OSWEGATCHIE_HYD 23850	34.63 -0.91 0.00	30.07 -0.75 0.00	27.88 -0.64 0.00	29.09 -0.57 0.00	30.47 -0.28 0.00	32.32 -0.09 0.00	37.41 0.02 0.00	38.50 -0.16 0.00	38.22 -0.19 0.00	38.22 -0.29 0.00	38.05 -0.39 0.00	36.18 -0.49 0.00	38.14 -0.69 0.00	39.67 -0.61 0.00	41.15 -0.70 0.00	46.71 -0.96 -0.03	53.74 -1.36 -0.10	87.87 -2.42 -0.89	54.60 -1.09 -0.67	49.60 -0.35 -0.67	50.05 0.00 -0.74	47.96 0.05 -0.16	46.46 -0.06 -0.18	39.34 -0.01 0.00
LYONS_FALL_HYD 23570	35.20 -0.34 0.00	30.56 -0.27 0.00	28.36 -0.16 0.00	29.56 -0.10 0.00	30.97 0.22 0.00	32.81 0.40 0.00	37.98 0.59 0.00	39.03 0.37 0.00	38.61 0.20 0.00	38.61 0.10 0.00	38.40 -0.04 0.00	36.58 -0.10 0.00	38.66 -0.17 0.00	40.10 -0.18 0.00	41.65 -0.20 0.00	47.61 -0.06 -0.02	55.17 0.08 -0.08	90.69 0.50 -0.79	56.34 0.73 -0.59	51.35 1.48 -0.60	51.58 1.62 -0.65	49.35 1.46 -0.14	47.68 1.17 -0.16	40.17 0.82 0.00
MADISON__COUNTY_LFGE 323628	36.12 0.58 0.00	31.34 0.51 0.00	29.00 0.47 0.00	30.12 0.46 0.00	31.28 0.54 0.00	32.96 0.55 0.00	38.11 0.73 0.00	39.14 0.48 0.00	38.65 0.24 0.00	38.72 0.21 0.00	38.56 0.12 0.00	36.77 0.10 0.00	38.98 0.15 0.00	40.45 0.18 0.00	42.07 0.21 0.00	48.18 0.51 -0.03	55.87 0.78 -0.10	92.22 1.92 -0.90	57.18 1.49 -0.67	51.77 1.81 -0.68	51.80 1.75 -0.74	49.47 1.56 -0.16	47.88 1.35 -0.18	40.36 1.01 0.00
MALONE__115KV_TB1 356076	35.28 -0.26 0.00	30.66 -0.16 0.00	28.38 -0.14 0.00	29.57 -0.09 0.00	30.70 -0.05 0.00	32.50 0.08 0.00	37.53 0.15 0.00	38.93 0.27 0.00	38.85 0.44 0.00	38.94 0.43 0.00	38.79 0.35 0.00	36.89 0.21 0.00	38.96 0.13 0.00	40.50 0.23 0.00	42.09 0.24 0.00	47.78 0.14 0.00	54.93 -0.06 0.00	88.84 -0.56 0.00	54.66 -0.35 0.00	48.88 -0.39 0.00	49.17 -0.14 0.00	47.76 0.02 0.00	46.30 -0.05 0.00	39.42 0.07 0.00
MAPLEWOD_115KV_TB3 80458	36.75 1.21 0.00	32.03 1.21 0.00	29.67 1.15 0.00	30.84 1.18 0.00	31.94 1.20 0.00	33.55 1.13 0.00	38.52 1.13 0.00	39.76 1.11 0.00	39.44 1.03 0.00	39.42 0.91 0.00	39.30 0.87 0.00	37.65 0.97 0.00	39.83 1.00 0.00	41.32 1.05 0.00	42.92 1.07 0.00	48.92 1.29 0.00	56.58 1.58 0.00	91.99 2.59 0.00	56.86 1.84 0.00	51.00 1.72 0.00	50.89 1.58 0.00	49.33 1.58 0.00	51.20 1.55 -3.29	41.64 1.23 -1.07
MAPLE_RIDGE_WT_1 323574	34.90 -0.64 0.00	30.31 -0.51 0.00	28.11 -0.41 0.00	29.31 -0.36 0.00	30.49 -0.26 0.00	32.27 -0.14 0.00	37.28 -0.11 0.00	38.61 -0.05 0.00	38.39 -0.02 0.00	38.51 0.00 0.00	38.41 -0.03 0.00	36.63 -0.05 0.00	38.75 -0.08 0.00	40.16 -0.11 0.00	41.69 -0.16 0.00	47.38 -0.25 0.00	54.53 -0.47 0.00	88.43 -0.97 0.00	54.63 -0.39 0.00	49.12 -0.16 0.00	49.16 -0.14 0.00	47.61 -0.14 0.00	46.22 -0.14 0.00	39.21 -0.14 0.00
MAPLE_RIDGE_WT_2 323611	34.90 -0.64 0.00	30.31 -0.51 0.00	28.11 -0.41 0.00	29.31 -0.36 0.00	30.49 -0.26 0.00	32.27 -0.14 0.00	37.28 -0.11 0.00	38.61 -0.05 0.00	38.39 -0.02 0.00	38.51 0.00 0.00	38.41 -0.03 0.00	36.63 -0.05 0.00	38.75 -0.08 0.00	40.16 -0.11 0.00	41.69 -0.16 0.00	47.38 -0.25 0.00	54.53 -0.47 0.00	88.43 -0.97 0.00	54.63 -0.39 0.00	49.12 -0.16 0.00	49.16 -0.14 0.00	47.61 -0.14 0.00	46.22 -0.14 0.00	39.21 -0.14 0.00
MARBLE_RIVER_WT_PWR 323696	35.09 -0.45 0.00	30.52 -0.31 0.00	28.26 -0.27 0.00	29.45 -0.21 0.00	30.54 -0.20 0.00	32.32 -0.10 0.00	37.30 -0.09 0.00	38.71 0.06 0.00	38.65 0.24 0.00	38.81 0.30 0.00	38.70 0.26 0.00	36.81 0.13 0.00	38.89 0.06 0.00	40.40 0.13 0.00	41.97 0.12 0.00	47.74 0.11 0.00	54.98 -0.02 0.00	89.03 -0.38 0.00	54.70 -0.31 0.00	48.87 -0.41 0.00	49.08 -0.23 0.00	47.68 -0.07 0.00	46.19 -0.16 0.00	39.25 -0.10 0.00
MARSHVLE_115KV_TB1 80742	36.85 1.31 0.00	31.85 1.03 0.00	29.38 0.86 0.00	30.59 0.93 0.00	31.72 0.97 0.00	33.53 1.12 0.00	38.62 1.23 0.00	39.46 0.81 0.00	39.04 0.63 0.00	39.05 0.53 0.00	38.96 0.52 0.00	37.08 0.40 0.00	39.22 0.38 0.00	40.66 0.38 0.00	42.28 0.43 0.00	48.22 0.58 0.00	55.63 0.63 0.00	91.44 2.04 0.00	56.72 1.70 0.00	51.47 2.19 0.00	51.81 2.50 0.00	50.06 2.31 0.00	49.58 2.25 -0.97	41.51 1.85 -0.31
MARSH_HILL_WT_PWR 323713	33.90 -1.64 0.00	29.36 -1.46 0.00	27.05 -1.47 0.00	28.28 -1.38 0.00	29.13 -1.71 -0.09	33.11 -2.33 -3.03	87.01 -2.54 -52.17	92.16 -2.47 -55.97	56.52 -2.45 -20.57	36.34 -2.17 0.00	36.00 -2.43 0.00	35.79 -2.59 -1.70	85.34 -2.12 -48.63	99.16 -1.90 -60.79	94.24 -2.08 -54.47	81.41 -2.20 -35.96	117.51 -1.97 -64.48	166.59 -2.50 -79.69	73.49 -1.41 -19.88	49.83 -0.01 -0.56	49.94 -0.02 -0.65	47.57 -0.34 -0.16	46.22 -0.31 -0.18	39.52 0.17 0.00
MCINTYRE_115KV_TB2 80467	35.90 0.36 0.00	31.20 0.38 0.00	28.82 0.29 0.00	30.01 0.35 0.00	31.19 0.44 0.00	32.96 0.54 0.00	38.07 0.68 0.00	39.09 0.44 0.00	38.86 0.45 0.00	38.86 0.34 0.00	38.85 0.41 0.00	36.90 0.22 0.00	38.89 0.06 0.00	40.57 0.30 0.00	41.97 0.12 0.00	47.44 -0.20 0.00	54.29 -0.70 0.00	88.57 -0.83 0.00	54.48 -0.54 0.00	48.93 -0.34 0.00	49.48 0.17 0.00	48.16 0.42 0.00	46.75 0.40 0.00	39.89 0.55 0.00
MECO____69_KV_BK1 80468	37.39 1.85 0.00	32.36 1.53 0.00	29.87 1.34 0.00	31.08 1.42 0.00	32.23 1.48 0.00	34.00 1.59 0.00	39.20 1.82 0.00	39.86 1.20 0.00	39.02 0.61 0.00	38.82 0.31 0.00	38.68 0.24 0.00	36.79 0.11 0.00	38.92 0.09 0.00	40.40 0.12 0.00	42.00 0.14 0.00	48.02 0.39 0.00	55.69 0.69 0.00	92.45 3.05 0.00	57.60 2.58 0.00	52.35 3.08 0.00	52.68 3.37 0.00	50.92 3.17 0.00	50.40 2.99 -1.05	42.09 2.40 -0.34

MENANDS__115KV_TB5 355628	36.60 1.06 0.00	31.93 1.10 0.00	29.58 1.06 0.00	30.76 1.09 0.00	31.85 1.10 0.00	33.44 1.03 0.00	38.37 0.98 0.00	39.62 0.97 0.00	39.31 0.90 0.00	39.31 0.80 0.00	39.20 0.76 0.00	37.55 0.87 0.00	39.72 0.89 0.00	41.20 0.93 0.00	42.77 0.92 0.00	48.72 1.09 0.00	56.30 1.29 0.00	91.47 2.06 0.00	56.51 1.50 0.00	50.69 1.41 0.00	50.57 1.26 0.00	49.03 1.28 0.00	50.75 1.28 -3.12	41.36 1.01 -1.01
MG INDUSTRY__DRP 24185	36.32 0.78 0.00	31.75 0.92 0.00	29.42 0.89 0.00	30.61 0.94 0.00	31.70 0.95 0.00	33.31 0.90 0.00	38.19 0.80 0.00	39.30 0.65 0.00	38.91 0.50 0.00	38.91 0.39 0.00	38.80 0.36 0.00	37.13 0.45 0.00	39.27 0.44 0.00	40.67 0.40 0.00	42.06 0.21 0.00	47.28 -0.35 0.00	54.41 -0.59 0.00	88.57 -0.83 0.00	54.77 -0.25 0.00	49.21 -0.07 0.00	49.18 -0.13 0.00	47.64 -0.10 0.00	43.63 -0.05 2.68	38.38 -0.10 0.87
MID__OSWEGATCHIE_HYD 23849	34.63 -0.91 0.00	30.07 -0.75 0.00	27.88 -0.64 0.00	29.09 -0.57 0.00	30.47 -0.28 0.00	32.32 -0.09 0.00	37.41 0.02 0.00	38.50 -0.16 0.00	38.22 -0.19 0.00	38.22 -0.29 0.00	38.05 -0.39 0.00	36.18 -0.49 0.00	38.14 -0.69 0.00	39.67 -0.61 0.00	41.15 -0.70 0.00	46.71 -0.96 -0.03	53.74 -1.36 -0.10	87.87 -2.42 -0.89	54.60 -1.09 -0.67	49.60 -0.35 -0.67	50.05 0.00 -0.74	47.96 0.05 -0.16	46.46 -0.06 -0.18	39.34 -0.01 0.00
MID__RAQUETTE_HYD 23851	34.98 -0.56 0.00	30.38 -0.45 0.00	28.09 -0.43 0.00	29.27 -0.39 0.00	30.46 -0.28 0.00	32.25 -0.17 0.00	37.25 -0.13 0.00	38.50 -0.16 0.00	38.33 -0.08 0.00	38.39 -0.12 0.00	38.32 -0.12 0.00	36.42 -0.26 0.00	38.38 -0.45 0.00	39.97 -0.30 0.00	41.42 -0.43 0.00	46.73 -0.90 0.00	53.46 -1.54 0.00	86.36 -3.04 0.00	53.23 -1.79 0.00	47.71 -1.57 0.00	48.10 -1.21 0.00	46.76 -0.98 0.00	45.47 -0.88 0.00	38.87 -0.48 0.00
MILLIKEN__1 23584	35.74 0.20 0.00	30.96 0.14 0.00	28.64 0.11 0.00	29.78 0.12 0.00	30.86 0.10 -0.01	32.67 0.00 -0.25	41.85 0.09 -4.37	43.25 -0.09 -4.69	39.74 -0.40 -1.72	38.03 -0.49 0.00	37.87 -0.57 0.00	36.27 -0.55 -0.14	42.50 -0.40 -4.07	44.99 -0.37 -5.09	46.04 -0.38 -4.56	50.51 -0.20 -3.08	60.51 -0.10 -5.61	98.48 0.49 -8.59	58.56 0.44 -3.10	51.91 1.13 -1.50	52.13 1.17 -1.64	48.99 0.88 -0.36	47.51 0.76 -0.39	39.90 0.54 -0.01
MILLIKEN__2 23585	35.74 0.20 0.00	30.96 0.14 0.00	28.64 0.11 0.00	29.78 0.12 0.00	30.86 0.10 -0.01	32.67 0.00 -0.25	41.85 0.09 -4.37	43.25 -0.09 -4.69	39.74 -0.40 -1.72	38.03 -0.49 0.00	37.87 -0.57 0.00	36.27 -0.55 -0.14	42.50 -0.40 -4.07	44.99 -0.37 -5.09	46.04 -0.38 -4.56	50.51 -0.20 -3.08	60.51 -0.10 -5.61	98.48 0.49 -8.59	58.56 0.44 -3.10	51.91 1.13 -1.50	52.13 1.17 -1.64	48.99 0.88 -0.36	47.51 0.76 -0.39	39.90 0.54 -0.01
MILLIKEN__DIESEL 23629	35.74 0.20 0.00	30.96 0.14 0.00	28.64 0.11 0.00	29.78 0.12 0.00	30.86 0.10 -0.01	32.67 0.00 -0.25	41.85 0.09 -4.37	43.25 -0.09 -4.69	39.74 -0.40 -1.72	38.03 -0.49 0.00	37.87 -0.57 0.00	36.27 -0.55 -0.14	42.50 -0.40 -4.07	44.99 -0.37 -5.09	46.04 -0.38 -4.56	50.51 -0.20 -3.08	60.51 -0.10 -5.61	98.48 0.49 -8.59	58.56 0.44 -3.10	51.91 1.13 -1.50	52.13 1.17 -1.64	48.99 0.88 -0.36	47.51 0.76 -0.39	39.90 0.54 -0.01
MILLSEAT__LFGE 323607	33.31 -2.23 0.00	29.29 -1.54 0.00	26.89 -1.64 0.00	27.87 -1.79 0.00	28.78 -1.96 0.02	29.66 -2.26 0.50	26.70 -2.13 8.55	27.28 -2.19 9.17	32.37 -2.67 3.37	35.90 -2.62 0.00	35.70 -2.74 0.00	33.71 -2.69 0.28	28.53 -2.34 7.95	27.86 -2.50 9.92	30.34 -2.62 8.89	38.94 -2.84 5.86	41.40 -3.10 10.51	71.94 -4.60 12.86	48.82 -3.05 3.15	46.99 -2.29 0.00	47.19 -2.11 0.00	45.61 -2.14 0.00	44.33 -2.02 0.00	38.28 -1.07 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.10 1.56 0.00	32.09 1.27 0.00	29.73 1.21 0.00	30.80 1.14 0.00	31.83 1.08 0.00	33.52 1.10 0.00	38.73 1.34 0.00	40.26 1.60 0.00	40.11 1.70 0.00	40.30 1.78 0.00	40.46 2.03 0.00	38.92 2.24 0.00	41.43 2.60 0.00	42.93 2.66 0.00	44.72 2.87 0.00	50.84 3.20 0.00	59.01 4.01 0.00	96.23 6.83 0.00	58.98 3.96 0.00	52.94 3.66 0.00	52.36 3.05 0.00	50.05 2.31 0.00	48.58 2.22 0.00	41.00 1.65 0.00
MILLWOOD_13_KV_LOAD 356217	37.17 1.63 0.00	32.15 1.33 0.00	29.78 1.26 0.00	30.85 1.19 0.00	31.89 1.14 0.00	33.57 1.16 0.00	38.79 1.41 0.00	40.33 1.67 0.00	40.17 1.76 0.00	40.36 1.84 0.00	40.54 2.11 0.00	38.99 2.31 0.00	41.51 2.68 0.00	43.02 2.75 0.00	44.82 2.97 0.00	50.97 3.34 0.00	59.18 4.18 0.00	96.54 7.14 0.00	59.17 4.16 0.00	53.10 3.83 0.00	52.53 3.22 0.00	50.20 2.46 0.00	48.70 2.34 0.00	41.10 1.75 0.00
MODEL_CITY_ENERGY 24167	32.11 -3.43 0.00	28.37 -2.46 0.00	26.03 -2.49 0.00	27.00 -2.66 0.00	27.84 -2.89 0.02	28.52 -3.28 0.62	23.52 -3.24 10.63	23.97 -3.28 11.40	30.64 -3.58 4.19	34.99 -3.53 0.00	34.89 -3.55 0.00	32.89 -3.44 0.35	25.80 -3.17 9.86	24.67 -3.31 12.29	27.32 -3.52 11.01	36.49 -3.90 7.25	37.59 -4.40 13.02	66.27 -7.19 15.94	45.99 -5.12 3.91	44.96 -4.32 0.00	45.05 -4.26 0.00	43.58 -4.17 0.00	42.50 -3.85 0.00	36.92 -2.42 0.00
MODERN_LFGE__ 323580	32.11 -3.43 0.00	28.37 -2.46 0.00	26.03 -2.49 0.00	27.00 -2.66 0.00	27.84 -2.89 0.02	28.52 -3.28 0.62	23.52 -3.24 10.63	23.97 -3.28 11.40	30.64 -3.58 4.19	34.99 -3.53 0.00	34.89 -3.55 0.00	32.89 -3.44 0.35	25.80 -3.17 9.86	24.67 -3.31 12.29	27.32 -3.52 11.01	36.49 -3.90 7.25	37.59 -4.40 13.02	66.27 -7.19 15.94	45.99 -5.12 3.91	44.96 -4.32 0.00	45.05 -4.26 0.00	43.58 -4.17 0.00	42.50 -3.85 0.00	36.92 -2.42 0.00
MOHAWK_PAPER__DRP 24187	36.75 1.21 0.00	32.03 1.21 0.00	29.67 1.15 0.00	30.84 1.18 0.00	31.94 1.20 0.00	33.55 1.13 0.00	38.52 1.13 0.00	39.76 1.11 0.00	39.44 1.03 0.00	39.42 0.91 0.00	39.30 0.87 0.00	37.65 0.97 0.00	39.83 1.00 0.00	41.32 1.05 0.00	42.92 1.07 0.00	48.92 1.29 0.00	56.58 1.58 0.00	91.99 2.59 0.00	56.86 1.84 0.00	51.00 1.72 0.00	50.89 1.58 0.00	49.33 1.58 0.00	51.20 1.55 -3.29	41.64 1.23 -1.07
MOHICAN__35_KV_115KV_LD 80490	38.00 2.46 0.00	32.88 2.06 0.00	30.50 1.97 0.00	31.69 2.03 0.00	32.86 2.11 0.00	34.66 2.25 0.00	40.03 2.64 0.00	41.21 2.55 0.00	40.56 2.15 0.00	40.39 1.87 0.00	40.06 1.62 0.00	38.28 1.60 0.00	40.43 1.60 0.00	42.07 1.79 0.00	43.80 1.94 0.00	50.33 2.69 0.00	58.42 3.42 0.00	95.66 6.25 0.00	58.72 3.70 0.00	53.09 3.81 0.00	53.31 4.00 0.00	51.65 3.91 0.00	51.86 3.70 -1.80	42.89 2.96 -0.58
MONGAUP__HYD 23641	37.17 1.63 0.00	32.13 1.31 0.00	29.73 1.21 0.00	30.81 1.15 0.00	31.86 1.11 0.00	33.56 1.15 0.00	38.78 1.40 0.00	40.08 1.42 0.00	39.58 1.17 0.00	39.67 1.15 0.00	39.74 1.31 0.00	38.15 1.48 0.00	40.60 1.77 0.00	42.09 1.82 0.00	43.80 1.95 0.00	49.84 2.21 0.00	57.86 2.86 0.00	94.44 5.04 0.00	57.86 2.84 0.00	52.35 3.08 0.00	52.18 2.87 0.00	50.27 2.52 0.00	48.87 2.52 0.00	41.25 1.90 0.00

MONTAUK___DIESEL 23721	37.09 1.55 0.00	32.11 1.28 0.00	30.30 1.77 0.00	31.52 1.85 0.00	32.57 1.82 0.00	34.30 1.89 0.00	40.03 2.64 0.00	41.74 3.09 0.00	41.12 2.72 0.00	41.01 2.50 0.00	41.71 3.28 0.00	39.66 3.16 0.19	42.24 3.97 0.55	44.06 4.23 0.45	45.88 4.44 0.41	52.75 5.19 0.08	60.53 5.53 0.00	96.76 7.36 0.00	59.27 4.26 0.00	53.57 4.29 0.00	52.69 3.38 0.00	43.13 1.76 6.38	47.62 1.26 0.00	39.97 0.62 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.71 -1.83 0.00	29.29 -1.54 0.00	26.87 -1.66 0.00	27.62 -2.05 0.00	28.38 -2.35 0.02	29.09 -2.56 0.77	21.65 -2.52 13.21	22.22 -2.26 14.18	31.03 -2.17 5.21	36.83 -1.69 0.00	36.74 -1.70 0.00	34.58 -1.67 0.43	25.14 -1.35 12.33	23.33 -1.54 15.40	26.32 -1.73 13.80	37.18 -1.35 9.10	37.41 -1.28 16.31	67.78 -1.65 19.97	48.15 -1.98 4.89	48.43 -0.85 0.00	48.62 -0.69 0.00	46.54 -1.20 0.00	44.70 -1.65 0.00	37.89 -1.46 0.00
MORRIS_RIDGE___SOLAR 323848	33.73 -1.81 0.00	29.33 -1.50 0.00	26.99 -1.54 0.00	28.06 -1.60 0.00	28.85 -1.80 0.09	27.15 -2.23 3.03	-17.13 -2.35 52.16	-19.80 -2.50 55.96	15.03 -2.81 20.56	35.87 -2.64 0.00	35.67 -2.77 0.00	32.21 -2.77 1.70	-12.24 -2.45 48.63	-22.86 -2.36 60.78	-15.11 -2.50 54.46	8.98 -2.74 35.91	-12.20 -2.88 64.32	7.00 -4.12 78.29	33.57 -2.52 18.93	48.48 -1.17 -0.37	48.74 -0.98 -0.41	46.65 -1.19 -0.09	45.34 -1.11 -0.10	38.84 -0.51 0.00
MORTIMER_115KV_TB3 55949	34.03 -1.51 0.00	29.71 -1.11 0.00	27.34 -1.19 0.00	28.37 -1.29 0.00	29.32 -1.42 0.00	30.69 -1.60 0.13	33.50 -1.72 2.17	34.60 -1.73 2.32	35.77 -1.79 0.85	36.90 -1.62 0.00	36.82 -1.62 0.00	35.06 -1.55 0.07	35.37 -1.42 2.05	36.28 -1.44 2.56	38.04 -1.52 2.29	44.60 -1.53 1.51	50.70 -1.60 2.71	83.84 -2.24 3.31	52.53 -1.68 0.81	48.13 -1.15 0.00	48.07 -1.24 0.00	46.38 -1.37 0.00	45.00 -1.36 0.00	38.56 -0.79 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.20 1.66 0.00	32.21 1.39 0.00	29.85 1.33 0.00	30.92 1.26 0.00	31.92 1.17 0.00	33.60 1.19 0.00	38.88 1.49 0.00	40.50 1.85 0.00	40.41 2.01 0.00	40.66 2.15 0.00	40.86 2.43 0.00	44.37 2.65 -5.04	56.83 3.00 -15.00	55.59 3.05 -12.26	56.22 3.26 -11.10	54.14 3.61 -2.89	59.43 4.43 0.00	96.86 7.46 0.00	59.33 4.31 0.00	53.27 3.99 0.00	52.64 3.33 0.00	50.27 2.53 0.00	48.83 2.48 0.00	41.22 1.88 0.00
MUNSVILLE_WIND_PWR 323609	37.65 2.11 0.00	32.43 1.61 0.00	30.01 1.48 0.00	31.16 1.50 0.00	32.39 1.64 -0.01	34.17 1.58 -0.18	42.56 2.14 -3.03	43.70 1.79 -3.25	40.66 1.05 -1.19	39.30 0.79 0.00	38.75 0.31 0.00	37.00 0.22 -0.10	42.07 0.42 -2.82	44.24 0.44 -3.53	45.52 0.51 -3.16	50.67 0.91 -2.13	60.39 1.52 -3.88	99.71 4.44 -5.87	60.62 3.52 -2.09	54.82 4.57 -0.98	55.19 4.81 -1.07	52.29 4.31 -0.24	50.32 3.72 -0.26	41.96 2.60 -0.01
N SALMON___HYD 24042	35.28 -0.26 0.00	30.66 -0.16 0.00	28.38 -0.14 0.00	29.57 -0.09 0.00	30.70 -0.05 0.00	32.50 0.08 0.00	37.54 0.15 0.00	38.93 0.27 0.00	38.85 0.44 0.00	38.95 0.43 0.00	38.79 0.35 0.00	36.89 0.21 0.00	38.96 0.13 0.00	40.50 0.23 0.00	42.09 0.23 0.00	47.78 0.14 0.00	54.94 -0.06 0.00	88.85 -0.55 0.00	54.66 -0.35 0.00	48.89 -0.39 0.00	49.17 -0.14 0.00	47.76 0.02 0.00	46.30 -0.05 0.00	39.42 0.07 0.00
N.AKRON__115KV_KNAPP 355671	33.10 -2.44 0.00	29.14 -1.69 0.00	26.74 -1.79 0.00	27.72 -1.94 0.00	28.60 -2.13 0.02	29.45 -2.43 0.53	25.86 -2.36 9.17	26.42 -2.40 9.83	32.02 -2.78 3.62	35.79 -2.72 0.00	35.59 -2.85 0.00	33.63 -2.75 0.30	27.84 -2.47 8.52	27.03 -2.62 10.62	29.56 -2.77 9.52	38.37 -2.99 6.27	40.44 -3.31 11.25	70.61 -5.01 13.78	48.22 -3.43 3.37	46.64 -2.64 0.00	46.80 -2.51 0.00	45.24 -2.51 0.00	44.02 -2.34 0.00	38.06 -1.29 0.00
N.BELMOR_69_KV_BK1 55787	37.73 2.19 0.00	32.53 1.71 0.00	30.23 1.71 0.00	31.26 1.61 0.00	32.29 1.54 0.00	33.89 1.47 0.00	39.16 1.77 0.00	40.77 2.12 0.00	40.47 2.06 0.00	40.58 2.07 0.00	40.89 2.45 0.00	39.25 2.75 0.19	41.58 3.30 0.55	43.03 3.21 0.45	44.88 3.44 0.41	51.27 3.70 0.06	59.49 4.49 0.00	97.03 7.62 0.00	59.51 4.49 0.00	53.52 4.24 0.00	52.65 3.34 0.00	46.34 2.18 3.58	48.59 2.24 0.00	41.02 1.68 0.00
N.E._GEN_SANDY PD 24062	52.37 1.38 -15.45	45.25 1.27 -13.15	39.32 1.21 -9.58	36.92 1.24 -6.02	37.16 1.24 -5.17	35.95 1.21 -2.32	38.65 1.26 0.00	39.98 1.33 0.00	42.46 1.33 -2.73	39.74 1.23 0.00	39.60 1.16 0.00	37.96 1.28 0.00	40.13 1.30 0.00	41.60 1.33 0.00	43.20 1.35 0.00	49.22 1.58 0.00	55.41 1.90 1.49	92.95 2.93 -0.62	53.83 1.89 3.08	49.66 1.76 1.38	48.67 1.59 2.23	52.60 1.63 -3.22	51.61 1.68 -3.57	51.04 1.35 -10.33
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	37.09 1.55 0.00	32.05 1.23 0.00	29.70 1.17 0.00	30.77 1.10 0.00	31.81 1.06 0.00	33.49 1.07 0.00	38.70 1.31 0.00	40.22 1.57 0.00	40.07 1.66 0.00	40.28 1.76 0.00	40.49 2.06 0.00	38.94 2.26 0.00	41.51 2.68 0.00	43.04 2.76 0.00	44.85 3.00 0.00	50.97 3.34 0.00	59.22 4.22 0.00	96.62 7.22 0.00	59.19 4.17 0.00	53.10 3.82 0.00	52.50 3.19 0.00	50.17 2.42 0.00	48.63 2.27 0.00	41.00 1.65 0.00
N.QUEENS_27_KV_LOAD 356247	37.42 1.88 0.00	32.48 1.66 0.00	30.09 1.57 0.00	31.15 1.49 0.00	32.16 1.41 0.00	33.86 1.44 0.00	39.04 1.66 0.00	40.74 2.08 0.00	40.69 2.28 0.00	40.94 2.43 0.00	41.15 2.71 0.00	44.02 2.87 -4.47	55.31 3.18 -13.30	54.43 3.28 -10.87	55.18 3.49 -9.85	54.08 3.88 -2.57	59.78 4.78 0.00	97.36 7.96 0.00	59.58 4.57 0.00	53.52 4.24 0.00	52.86 3.55 0.00	50.49 2.74 0.00	48.98 2.63 0.00	41.35 2.00 0.00
N.TROY___115KV_TB1 355778	36.94 1.40 0.00	32.14 1.32 0.00	29.78 1.25 0.00	30.95 1.29 0.00	32.06 1.32 0.00	33.69 1.27 0.00	38.74 1.36 0.00	39.99 1.33 0.00	39.64 1.23 0.00	39.59 1.08 0.00	39.40 0.96 0.00	37.71 1.03 0.00	39.82 0.99 0.00	41.33 1.05 0.00	42.95 1.10 0.00	49.00 1.36 0.00	56.68 1.68 0.00	92.10 2.70 0.00	56.85 1.83 0.00	51.05 1.77 0.00	51.03 1.72 0.00	49.59 1.84 0.00	51.01 1.82 -2.84	41.72 1.45 -0.92
NARROWS_GT1_1 24228	37.27 1.73 0.00	32.27 1.45 0.00	29.92 1.40 0.00	30.96 1.30 0.00	31.95 1.20 0.00	33.65 1.24 0.00	38.95 1.56 0.00	40.59 1.93 0.00	40.60 2.19 0.00	40.94 2.43 0.00	41.14 2.70 0.00	44.18 2.90 -4.60	55.71 3.20 -13.67	54.74 3.29 -11.18	55.44 3.47 -10.13	54.20 3.92 -2.64	59.75 4.75 0.00	97.11 7.71 0.00	59.51 4.49 0.00	53.56 4.27 0.00	52.83 3.53 0.00	50.46 2.71 0.00	49.09 2.74 0.00	41.44 2.09 0.00
NARROWS_GT1_2 24229	37.27 1.73 0.00	32.27 1.45 0.00	29.92 1.40 0.00	30.96 1.30 0.00	31.95 1.20 0.00	33.65 1.24 0.00	38.95 1.56 0.00	40.59 1.93 0.00	40.60 2.19 0.00	40.94 2.43 0.00	41.14 2.70 0.00	44.18 2.90 -4.60	55.71 3.20 -13.67	54.74 3.29 -11.18	55.44 3.47 -10.13	54.20 3.92 -2.64	59.75 4.75 0.00	97.11 7.71 0.00	59.51 4.49 0.00	53.56 4.27 0.00	52.83 3.53 0.00	50.46 2.71 0.00	49.09 2.74 0.00	41.44 2.09 0.00

NCHELSEA_115KV_TR2 355582	37.37 1.83 0.00	32.32 1.50 0.00	29.93 1.41 0.00	31.02 1.36 0.00	32.07 1.32 0.00	33.77 1.35 0.00	39.02 1.64 0.00	40.54 1.89 0.00	40.36 1.96 0.00	40.51 1.99 0.00	40.64 2.21 0.00	39.09 2.42 0.00	41.61 2.78 0.00	43.15 2.87 0.00	44.94 3.09 0.00	51.19 3.56 0.00	59.49 4.49 0.00	97.17 7.77 0.00	59.60 4.58 0.00	53.48 4.21 0.00	52.94 3.63 0.00	50.63 2.88 0.00	49.06 2.70 0.00	41.38 2.04 0.00
NEG CAPITAL___MECHNVIL 23645	37.44 1.90 0.00	32.50 1.68 0.00	30.10 1.58 0.00	31.29 1.63 0.00	32.42 1.68 0.00	34.10 1.69 0.00	39.30 1.91 0.00	40.51 1.85 0.00	40.08 1.67 0.00	40.02 1.51 0.00	39.82 1.38 0.00	38.13 1.45 0.00	40.30 1.47 0.00	41.88 1.60 0.00	43.56 1.71 0.00	49.84 2.21 0.00	57.77 2.77 0.00	94.25 4.85 0.00	58.11 3.09 0.00	52.22 2.94 0.00	52.20 2.89 0.00	50.57 2.83 0.00	51.19 2.70 -2.13	42.20 2.16 -0.69
NEG CENTRAL_HIGH_ACRES 23767	33.75 -1.79 0.00	29.41 -1.41 0.00	27.09 -1.44 0.00	28.12 -1.54 0.00	29.10 -1.65 0.00	30.49 -1.81 0.11	33.46 -1.99 1.94	34.53 -2.05 2.08	35.53 -2.11 0.76	36.52 -2.00 0.00	36.46 -1.98 0.00	34.69 -1.93 0.06	35.19 -1.83 1.82	36.15 -1.85 2.27	37.91 -1.90 2.04	44.33 -1.96 1.34	50.54 -2.06 2.41	83.47 -2.99 2.94	52.26 -2.04 0.72	47.75 -1.53 0.00	47.69 -1.62 0.00	45.97 -1.77 0.00	44.54 -1.82 0.00	38.04 -1.30 0.00
NEG CENTRAL___DRP 24199	35.49 -0.05 0.00	30.76 -0.06 0.00	28.41 -0.11 0.00	29.54 -0.12 0.00	30.59 -0.18 -0.02	32.61 -0.35 -0.54	46.50 -0.26 -9.37	48.30 -0.42 -10.06	41.37 -0.73 -3.70	37.75 -0.77 0.00	37.58 -0.85 0.00	36.17 -0.82 -0.31	46.97 -0.60 -8.74	50.69 -0.51 -10.92	51.17 -0.47 -9.79	53.91 -0.27 -6.54	66.73 -0.12 -11.84	106.55 0.42 -16.73	60.66 0.26 -5.38	52.31 1.09 -1.94	52.59 1.16 -2.12	49.05 0.83 -0.47	47.58 0.72 -0.51	40.00 0.64 -0.02
NEG CENTRAL___INDECK 23768	35.13 -0.41 0.00	30.50 -0.32 0.00	28.02 -0.50 0.00	29.12 -0.54 0.00	30.15 -0.67 -0.08	33.97 -0.93 -2.48	79.22 -0.85 -42.68	83.41 -1.03 -45.79	53.73 -1.50 -16.82	37.14 -1.38 0.00	37.02 -1.42 0.00	36.59 -1.47 -1.39	77.47 -1.13 -39.77	89.00 -0.99 -49.71	84.83 -1.57 -44.55	74.58 -2.45 -29.39	104.94 -2.71 -52.66	149.79 -4.05 -64.45	68.69 -2.11 -15.78	48.76 -0.52 0.00	49.11 -0.20 0.00	47.35 -0.40 0.00	46.05 -0.31 0.00	40.56 1.21 0.00
NEG CENTRAL___SENECA 23627	35.61 0.07 0.00	30.87 0.04 0.00	28.48 -0.04 0.00	29.61 -0.05 0.00	30.65 -0.12 -0.03	32.96 -0.33 -0.88	52.36 -0.19 -15.16	54.60 -0.33 -16.27	43.65 -0.74 -5.98	37.75 -0.76 0.00	37.53 -0.90 0.00	36.31 -0.86 -0.49	52.44 -0.52 -14.13	57.55 -0.39 -17.66	57.33 -0.35 -15.83	58.09 -0.06 -10.51	74.12 0.18 -18.94	115.44 1.00 -25.04	62.85 0.64 -7.19	52.51 1.63 -1.60	52.79 1.73 -1.76	49.47 1.33 -0.39	47.95 1.18 -0.42	40.43 1.07 -0.01
NEG CENTRAL___STATE_STREET 24147	35.43 -0.11 0.00	30.68 -0.14 0.00	28.36 -0.17 0.00	29.57 -0.09 0.00	30.62 -0.13 -0.01	32.28 -0.31 -0.18	40.15 -0.30 -3.06	41.47 -0.47 -3.28	38.93 -0.68 -1.21	37.80 -0.71 0.00	37.75 -0.69 0.00	36.11 -0.67 -0.10	41.07 -0.62 -2.85	43.29 -0.55 -3.56	44.54 -0.50 -3.19	49.43 -0.39 -2.19	58.61 -0.46 -4.06	96.43 -0.28 -7.30	58.01 -0.15 -3.14	51.86 0.54 -2.03	52.13 0.59 -2.22	48.57 0.34 -0.49	47.16 0.27 -0.53	39.49 0.12 -0.02
NEG MILLWOOD___DRP 24198	37.38 1.84 0.00	32.32 1.50 0.00	29.93 1.41 0.00	31.02 1.36 0.00	32.06 1.31 0.00	33.77 1.35 0.00	39.02 1.63 0.00	40.56 1.90 0.00	40.40 2.00 0.00	40.57 2.06 0.00	40.72 2.28 0.00	39.17 2.49 0.00	41.69 2.86 0.00	43.25 2.97 0.00	45.09 3.23 0.00	51.36 3.73 0.00	59.65 4.65 0.00	97.38 7.98 0.00	59.71 4.69 0.00	53.57 4.29 0.00	53.01 3.70 0.00	50.67 2.92 0.00	49.11 2.76 0.00	41.42 2.07 0.00
NEG NORTH_FLCN_SEA 23793	35.41 -0.13 0.00	30.82 -0.01 0.00	28.56 0.04 0.00	29.74 0.08 0.00	30.85 0.10 0.00	32.66 0.24 0.00	37.67 0.28 0.00	39.11 0.45 0.00	39.03 0.63 0.00	39.17 0.65 0.00	39.10 0.66 0.00	37.15 0.47 0.00	39.23 0.40 0.00	40.80 0.52 0.00	42.37 0.51 0.00	48.26 0.62 0.00	55.57 0.57 0.00	90.08 0.67 0.00	55.24 0.22 0.00	49.46 0.18 0.00	49.63 0.32 0.00	48.24 0.50 0.00	46.73 0.38 0.00	39.71 0.36 0.00
NEG NORTH_KES_CHATEGAY 23792	35.07 -0.47 0.00	30.50 -0.33 0.00	28.24 -0.28 0.00	29.44 -0.22 0.00	30.54 -0.21 0.00	32.32 -0.10 0.00	37.30 -0.09 0.00	38.72 0.06 0.00	38.67 0.26 0.00	38.83 0.31 0.00	38.72 0.28 0.00	36.82 0.14 0.00	38.90 0.07 0.00	40.40 0.12 0.00	41.98 0.13 0.00	47.73 0.09 0.00	54.97 -0.03 0.00	89.00 -0.40 0.00	54.69 -0.33 0.00	48.82 -0.45 0.00	49.11 -0.20 0.00	47.71 -0.03 0.00	46.22 -0.14 0.00	39.25 -0.10 0.00
NEG NORTH___ALICE_FALLS 23915	35.73 0.19 0.00	31.06 0.23 0.00	28.75 0.22 0.00	29.94 0.28 0.00	31.05 0.30 0.00	32.87 0.46 0.00	37.94 0.55 0.00	39.33 0.68 0.00	39.18 0.78 0.00	39.25 0.74 0.00	39.09 0.65 0.00	37.11 0.43 0.00	39.18 0.34 0.00	40.75 0.47 0.00	42.33 0.47 0.00	48.21 0.57 0.00	55.53 0.53 0.00	90.06 0.66 0.00	55.27 0.25 0.00	49.47 0.20 0.00	49.68 0.37 0.00	48.29 0.54 0.00	46.77 0.41 0.00	39.76 0.41 0.00
NEG NORTH___LWR_SARANAC 23913	35.73 0.19 0.00	31.06 0.23 0.00	28.75 0.22 0.00	29.94 0.28 0.00	31.05 0.30 0.00	32.87 0.46 0.00	37.94 0.55 0.00	39.33 0.68 0.00	39.18 0.78 0.00	39.25 0.74 0.00	39.09 0.65 0.00	37.11 0.43 0.00	39.18 0.34 0.00	40.75 0.47 0.00	42.33 0.47 0.00	48.21 0.57 0.00	55.53 0.53 0.00	90.06 0.66 0.00	55.27 0.25 0.00	49.47 0.20 0.00	49.68 0.37 0.00	48.29 0.54 0.00	46.77 0.41 0.00	39.76 0.41 0.00
NEG NORTH___PLATTSBURG 23628	35.73 0.19 0.00	31.06 0.23 0.00	28.75 0.22 0.00	29.94 0.28 0.00	31.05 0.30 0.00	32.87 0.46 0.00	37.93 0.55 0.00	39.33 0.68 0.00	39.18 0.78 0.00	39.25 0.74 0.00	39.09 0.65 0.00	37.11 0.43 0.00	39.17 0.34 0.00	40.75 0.48 0.00	42.33 0.47 0.00	48.21 0.58 0.00	55.53 0.54 0.00	90.06 0.66 0.00	55.27 0.25 0.00	49.48 0.20 0.00	49.68 0.37 0.00	48.29 0.54 0.00	46.77 0.41 0.00	39.76 0.41 0.00
NEG WEST_LEA_LOCKPORT 23791	32.48 -3.06 0.00	28.64 -2.18 0.00	26.28 -2.25 0.00	27.24 -2.42 0.00	28.10 -2.63 0.02	28.80 -3.00 0.62	23.64 -3.05 10.70	24.13 -3.05 11.48	30.91 -3.28 4.22	35.34 -3.17 0.00	35.20 -3.24 0.00	33.21 -3.12 0.35	25.98 -2.91 9.95	24.79 -3.07 12.41	27.46 -3.27 11.12	36.76 -3.54 7.33	37.89 -3.96 13.15	66.98 -6.33 16.09	46.53 -4.55 3.94	45.61 -3.67 0.00	45.70 -3.61 0.00	44.19 -3.55 0.00	43.07 -3.29 0.00	37.35 -2.00 0.00
NEG WEST___LANCASTR 23811	33.26 -2.28 0.00	29.10 -1.73 0.00	26.80 -1.72 0.00	27.78 -1.88 0.00	28.67 -2.06 0.02	29.35 -2.35 0.72	22.61 -2.28 12.50	23.10 -2.15 13.41	31.16 -2.32 4.93	36.31 -2.20 0.00	36.16 -2.28 0.00	34.17 -2.11 0.41	25.46 -1.73 11.64	23.92 -1.82 14.54	26.80 -2.02 13.03	37.06 -1.99 8.59	37.44 -2.16 15.40	67.23 -3.33 18.85	47.22 -3.19 4.61	46.83 -2.45 0.00	46.98 -2.32 0.00	45.35 -2.39 0.00	44.16 -2.19 0.00	38.01 -1.34 0.00

NEG_PENN_ALLEGHNY 23528	35.26 -0.27 0.00	30.62 -0.21 0.00	28.36 -0.16 0.00	29.44 -0.22 0.00	30.49 -0.26 0.00	32.14 -0.38 -0.10	38.88 -0.33 -1.81	40.24 -0.36 -1.95	38.65 -0.48 -0.72	38.11 -0.41 0.00	38.00 -0.44 0.00	36.42 -0.32 -0.06	40.40 -0.13 -1.69	42.30 -0.09 -2.12	43.62 -0.13 -1.90	48.98 0.06 -1.29	57.52 0.15 -2.37	93.98 0.60 -3.98	56.71 0.10 -1.60	50.76 0.55 -0.94	50.82 0.49 -1.02	48.10 0.12 -0.23	46.72 0.12 -0.24	39.47 0.11 -0.01
NEG___GEN_MONROE 24207	34.12 -1.42 0.00	29.80 -1.02 0.00	27.41 -1.11 0.00	28.44 -1.22 0.00	29.39 -1.36 0.00	30.74 -1.53 0.15	33.29 -1.57 2.52	34.33 -1.63 2.70	35.58 -1.84 0.99	36.79 -1.73 0.00	36.69 -1.74 0.00	34.93 -1.67 0.08	34.95 -1.51 2.37	35.79 -1.53 2.96	37.58 -1.62 2.65	44.25 -1.64 1.75	50.14 -1.72 3.13	83.19 -2.38 3.84	52.43 -1.65 0.94	48.27 -1.01 0.00	48.27 -1.03 0.00	46.59 -1.16 0.00	45.19 -1.17 0.00	38.76 -0.59 0.00
NEPA___ENERGY 23901	33.22 -2.32 0.00	28.95 -1.87 0.00	26.83 -1.69 0.00	27.74 -1.92 0.00	28.60 -2.12 0.02	29.22 -2.45 0.75	22.06 -2.39 12.94	22.47 -2.31 13.88	30.84 -2.47 5.10	36.41 -2.11 0.00	36.30 -2.14 0.00	34.46 -1.80 0.42	25.42 -1.28 12.13	23.78 -1.35 15.15	26.71 -1.56 13.58	37.25 -1.43 8.95	37.32 -1.64 16.05	67.51 -2.26 19.64	47.48 -2.74 4.81	47.69 -1.59 0.00	47.83 -1.48 0.00	45.78 -1.97 0.00	44.49 -1.86 0.00	38.09 -1.26 0.00
NEVERSINK___HYD 23608	36.70 1.16 0.00	31.69 0.87 0.00	29.34 0.81 0.00	30.42 0.76 0.00	31.46 0.71 0.00	33.15 0.73 0.00	38.32 0.93 0.00	39.77 1.12 0.00	39.36 0.95 0.00	39.46 0.95 0.00	39.54 1.11 0.00	37.96 1.28 0.00	40.44 1.61 0.00	41.92 1.64 0.00	43.72 1.87 0.00	49.84 2.20 0.00	58.01 3.01 0.00	95.01 5.61 0.00	58.40 3.38 0.00	52.46 3.18 0.00	51.99 2.69 0.00	49.71 1.97 0.00	47.96 1.77 0.17	40.52 1.23 0.06
NEWKRMKL_115KV_TB1 55635	36.30 0.76 0.00	31.75 0.92 0.00	29.41 0.89 0.00	30.58 0.92 0.00	31.67 0.92 0.00	33.23 0.82 0.00	38.06 0.68 0.00	39.30 0.65 0.00	39.00 0.60 0.00	39.02 0.50 0.00	38.93 0.49 0.00	37.29 0.61 0.00	39.48 0.65 0.00	40.93 0.65 0.00	42.48 0.62 0.00	48.34 0.70 0.00	55.84 0.85 0.00	90.75 1.35 0.00	56.04 1.03 0.00	50.25 0.97 0.00	50.13 0.83 0.00	48.57 0.82 0.00	46.79 0.83 0.39	39.85 0.63 0.13
NEWTON___FALLS_HYD 23847	34.63 -0.91 0.00	30.07 -0.75 0.00	27.88 -0.64 0.00	29.09 -0.57 0.00	30.47 -0.28 0.00	32.32 -0.09 0.00	37.41 0.02 0.00	38.50 -0.16 0.00	38.22 -0.19 0.00	38.22 -0.29 0.00	38.05 -0.39 0.00	36.18 -0.49 0.00	38.14 -0.69 0.00	39.67 -0.61 0.00	41.15 -0.70 0.00	46.71 -0.96 -0.03	53.74 -1.36 -0.10	87.87 -2.42 -0.89	54.60 -1.09 -0.67	49.60 -0.35 -0.67	50.05 0.00 -0.74	47.96 0.05 -0.16	46.46 -0.06 -0.18	39.34 -0.01 0.00
NGRID_A1_DSASP 323792	31.95 -3.59 0.00	28.23 -2.59 0.00	25.91 -2.62 0.00	26.88 -2.79 0.00	27.71 -3.02 0.02	28.37 -3.40 0.65	22.84 -3.43 11.12	23.29 -3.43 11.93	30.34 -3.68 4.39	34.87 -3.64 0.00	34.75 -3.69 0.00	32.77 -3.55 0.36	25.23 -3.30 10.30	24.01 -3.46 12.82	26.70 -3.67 11.48	36.04 -4.05 7.55	36.82 -4.61 13.57	65.22 -7.60 16.58	45.51 -5.51 4.00	44.79 -4.50 -0.01	44.78 -4.53 -0.01	43.24 -4.51 0.00	42.35 -4.01 0.00	36.77 -2.58 0.00
NGRID_A2_DSASP 323793	31.95 -3.59 0.00	28.23 -2.59 0.00	25.91 -2.62 0.00	26.88 -2.79 0.00	27.71 -3.02 0.02	28.37 -3.40 0.65	22.84 -3.43 11.12	23.29 -3.43 11.93	30.34 -3.68 4.39	34.87 -3.64 0.00	34.75 -3.69 0.00	32.77 -3.55 0.36	25.23 -3.30 10.30	24.01 -3.46 12.82	26.70 -3.67 11.48	36.04 -4.05 7.55	36.82 -4.61 13.57	65.22 -7.60 16.58	45.51 -5.51 4.00	44.79 -4.50 -0.01	44.78 -4.53 -0.01	43.24 -4.51 0.00	42.35 -4.01 0.00	36.77 -2.58 0.00
NGRID_A4_DSASP 323807	31.95 -3.59 0.00	28.23 -2.59 0.00	25.91 -2.62 0.00	26.88 -2.79 0.00	27.71 -3.02 0.02	28.37 -3.40 0.65	22.84 -3.43 11.12	23.29 -3.44 11.92	30.30 -3.73 4.37	34.77 -3.74 0.00	34.66 -3.78 0.00	32.69 -3.63 0.36	25.29 -3.35 10.19	24.10 -3.52 12.66	26.77 -3.73 11.35	36.04 -4.05 7.55	37.02 -4.57 13.41	65.42 -7.58 16.41	45.40 -5.58 4.04	44.69 -4.57 0.02	44.73 -4.57 0.01	43.24 -4.51 0.00	42.35 -4.01 0.00	36.77 -2.58 0.00
NIAGARA_115E_LBMP 323715	31.89 -3.65 0.00	28.21 -2.62 0.00	25.88 -2.64 0.00	26.85 -2.81 0.00	27.69 -3.04 0.02	28.34 -3.45 0.63	23.09 -3.41 10.88	23.52 -3.45 11.68	30.36 -3.75 4.29	34.80 -3.72 0.00	34.71 -3.73 0.00	32.71 -3.62 0.35	25.39 -3.34 10.10	24.20 -3.49 12.58	26.86 -3.71 11.27	36.07 -4.14 7.42	36.96 -4.71 13.33	65.33 -7.75 16.32	45.53 -5.48 4.01	44.57 -4.70 0.00	44.67 -4.64 0.00	43.22 -4.52 0.00	42.18 -4.17 0.00	36.69 -2.66 0.00
NIAGARA_115W_LBMP 323714	31.83 -3.71 0.00	28.14 -2.68 0.00	25.82 -2.71 0.00	26.79 -2.87 0.00	27.63 -3.09 0.02	28.29 -3.48 0.65	22.84 -3.43 11.12	23.29 -3.44 11.93	30.24 -3.79 4.38	34.68 -3.84 0.00	34.60 -3.84 0.00	32.62 -3.70 0.36	25.28 -3.36 10.18	24.14 -3.51 12.63	26.82 -3.71 11.32	36.08 -4.06 7.49	37.06 -4.56 13.38	65.40 -7.63 16.37	45.34 -5.65 4.03	44.59 -4.67 0.02	44.61 -4.68 0.01	43.12 -4.62 0.00	42.25 -4.11 0.00	36.69 -2.66 0.00
NIAGARA_230_LBMP 323716	32.31 -3.23 0.00	28.44 -2.39 0.00	26.11 -2.41 0.00	27.08 -2.58 0.00	27.92 -2.81 0.02	28.66 -3.17 0.59	23.80 -3.38 10.20	24.36 -3.35 10.94	30.94 -3.45 4.02	35.22 -3.29 0.00	35.14 -3.29 0.00	33.12 -3.23 0.33	26.20 -3.11 9.52	25.05 -3.31 11.91	27.64 -3.53 10.68	36.82 -3.77 7.05	38.17 -4.21 12.62	67.04 -6.91 15.45	46.21 -5.02 3.78	45.19 -4.09 0.00	45.25 -4.06 0.00	43.74 -4.01 0.00	42.67 -3.68 0.00	36.97 -2.38 0.00
NIAGARA___115KV_198_GIBSON 55903	31.84 -3.70 0.00	28.14 -2.68 0.00	25.82 -2.71 0.00	26.79 -2.87 0.00	27.62 -3.11 0.02	28.28 -3.49 0.65	22.80 -3.47 11.12	23.24 -3.49 11.93	30.22 -3.81 4.38	34.68 -3.83 0.00	34.56 -3.88 0.00	32.60 -3.72 0.36	25.24 -3.41 10.18	24.09 -3.56 12.63	26.75 -3.78 11.32	36.03 -4.11 7.49	36.96 -4.66 13.38	65.30 -7.73 16.37	45.30 -5.69 4.03	44.57 -4.69 0.02	44.60 -4.70 0.01	43.12 -4.63 0.00	42.25 -4.10 0.00	36.70 -2.65 0.00
NIAGARA____ 23760	32.31 -3.23 0.00	28.44 -2.39 0.00	26.11 -2.41 0.00	27.08 -2.58 0.00	27.92 -2.81 0.02	28.65 -3.17 0.60	23.63 -3.38 10.38	24.14 -3.35 11.16	30.85 -3.45 4.11	35.22 -3.29 0.00	35.14 -3.29 0.00	33.11 -3.23 0.34	26.02 -3.11 9.70	24.85 -3.31 12.11	27.47 -3.53 10.85	36.68 -3.77 7.18	37.89 -4.21 12.90	66.68 -6.91 15.81	46.12 -5.02 3.88	45.19 -4.09 0.00	45.25 -4.06 0.00	43.74 -4.01 0.00	42.67 -3.68 0.00	36.97 -2.38 0.00
NINE_MILE_1 23575	34.43 -1.11 0.00	29.90 -0.92 0.00	27.65 -0.88 0.00	28.74 -0.92 0.00	29.79 -0.96 0.00	31.37 -1.05 0.00	36.17 -1.22 0.00	37.31 -1.34 0.00	37.03 -1.38 0.00	37.15 -1.37 0.00	37.03 -1.40 0.00	35.24 -1.44 0.00	37.26 -1.58 0.00	38.66 -1.62 0.00	40.19 -1.67 0.00	45.27 -1.82 0.54	51.16 -2.04 1.81	69.45 -3.16 16.79	40.53 -1.95 12.54	35.01 -1.56 12.71	33.82 -1.59 13.90	43.04 -1.65 3.07	41.43 -1.61 3.32	37.94 -1.31 0.10

NINE_MILE_2 23744	34.43 -1.11 0.00	29.90 -0.92 0.00	27.65 -0.87 0.00	28.75 -0.92 0.00	29.79 -0.96 0.00	31.37 -1.04 0.00	36.17 -1.21 0.00	37.32 -1.34 0.00	37.03 -1.38 0.00	37.15 -1.37 0.00	37.03 -1.40 0.00	35.25 -1.43 0.00	37.26 -1.57 0.00	38.66 -1.62 0.00	40.20 -1.66 0.00	45.27 -1.82 0.55	51.13 -2.04 1.84	69.21 -3.16 17.04	40.34 -1.95 12.73	34.82 -1.56 12.90	33.61 -1.59 14.11	43.00 -1.64 3.11	41.38 -1.61 3.37	37.94 -1.31 0.10
NM_CAPITAL___DRP 24208	36.28 0.73 0.00	31.72 0.90 0.00	29.39 0.87 0.00	30.56 0.90 0.00	31.65 0.91 0.00	33.22 0.81 0.00	38.04 0.65 0.00	39.29 0.64 0.00	38.99 0.58 0.00	39.00 0.48 0.00	38.90 0.46 0.00	37.26 0.58 0.00	39.42 0.59 0.00	40.87 0.59 0.00	42.40 0.54 0.00	48.25 0.62 0.00	55.73 0.73 0.00	90.48 1.07 0.00	55.90 0.88 0.00	50.13 0.85 0.00	50.02 0.71 0.00	48.49 0.75 0.00	48.47 0.78 -1.34	40.37 0.59 -0.43
NM_CENTRAL___DRP 24181	34.99 -0.55 0.00	30.38 -0.44 0.00	28.08 -0.44 0.00	29.18 -0.49 0.00	30.24 -0.51 0.00	31.84 -0.58 0.00	36.74 -0.65 0.00	37.90 -0.75 0.00	37.60 -0.81 0.00	37.74 -0.78 0.00	37.63 -0.80 0.00	35.86 -0.82 0.00	37.99 -0.84 0.00	39.44 -0.83 0.00	41.01 -0.84 0.00	46.89 -0.80 -0.05	54.41 -0.78 -0.18	90.12 -0.95 -1.67	55.63 -0.64 -1.24	50.23 -0.31 -1.26	50.29 -0.40 -1.38	47.50 -0.55 -0.30	46.08 -0.60 -0.33	38.87 -0.49 -0.01
NM_FRONTIER___DRP 24179	31.84 -3.70 0.00	28.14 -2.68 0.00	25.82 -2.71 0.00	26.79 -2.87 0.00	27.62 -3.11 0.02	28.28 -3.49 0.65	22.80 -3.47 11.12	23.24 -3.49 11.93	30.22 -3.81 4.38	34.68 -3.83 0.00	34.56 -3.88 0.00	32.60 -3.72 0.36	25.24 -3.41 10.18	24.09 -3.56 12.63	26.75 -3.78 11.32	36.03 -4.11 7.49	36.96 -4.66 13.38	65.30 -7.73 16.37	45.30 -5.69 4.03	44.57 -4.69 0.02	44.60 -4.70 0.01	43.12 -4.63 0.00	42.25 -4.10 0.00	36.70 -2.65 0.00
NM_ST_REGIS___HYD 24053	35.07 -0.46 0.00	30.47 -0.35 0.00	28.19 -0.33 0.00	29.37 -0.29 0.00	30.55 -0.20 0.00	32.35 -0.07 0.00	37.36 -0.02 0.00	38.64 -0.02 0.00	38.50 0.09 0.00	38.56 0.05 0.00	38.45 0.01 0.00	36.54 -0.13 0.00	38.54 -0.29 0.00	40.13 -0.15 0.00	41.61 -0.24 0.00	47.02 -0.62 0.00	53.86 -1.14 0.00	87.01 -2.39 0.00	53.61 -1.40 0.00	48.05 -1.23 0.00	48.42 -0.89 0.00	47.06 -0.68 0.00	45.73 -0.63 0.00	39.03 -0.31 0.00
NORTHPORT___1 23551	37.73 2.20 0.00	32.53 1.70 0.00	30.34 1.82 0.00	31.38 1.72 0.00	32.40 1.66 0.00	33.90 1.48 0.00	39.14 1.76 0.00	40.63 1.98 0.00	40.15 1.74 0.00	40.15 1.64 0.00	40.52 2.08 0.00	38.83 2.34 0.19	41.15 2.88 0.55	42.31 2.49 0.45	43.95 2.51 0.41	50.26 2.70 0.08	58.31 3.31 0.00	94.98 5.58 0.00	58.35 3.33 0.00	52.56 3.29 0.00	51.57 2.27 0.00	42.21 0.94 6.48	47.54 1.19 0.00	40.24 0.89 0.00
NORTHPORT___2 23552	37.73 2.20 0.00	32.53 1.70 0.00	30.34 1.82 0.00	31.38 1.72 0.00	32.40 1.66 0.00	33.90 1.48 0.00	39.14 1.76 0.00	40.63 1.98 0.00	40.15 1.74 0.00	40.15 1.64 0.00	40.52 2.08 0.00	38.83 2.34 0.19	41.15 2.88 0.55	42.31 2.49 0.45	43.95 2.51 0.41	50.26 2.70 0.08	58.31 3.31 0.00	94.98 5.58 0.00	58.35 3.33 0.00	52.56 3.29 0.00	51.57 2.27 0.00	42.21 0.94 6.48	47.54 1.19 0.00	40.24 0.89 0.00
NORTHPORT___3 23553	37.69 2.15 0.00	32.49 1.67 0.00	30.30 1.77 0.00	31.33 1.67 0.00	32.36 1.61 0.00	33.85 1.44 0.00	39.08 1.70 0.00	40.60 1.94 0.00	40.13 1.72 0.00	40.16 1.65 0.00	40.55 2.11 0.00	38.86 2.37 0.19	41.17 2.89 0.55	42.31 2.49 0.45	43.95 2.51 0.41	50.24 2.68 0.08	58.28 3.27 0.00	94.89 5.49 0.00	58.29 3.27 0.00	52.49 3.21 0.00	51.52 2.21 0.00	42.20 0.90 6.46	47.49 1.14 0.00	40.22 0.87 0.00
NORTHPORT___4 23650	37.69 2.15 0.00	32.49 1.67 0.00	30.30 1.77 0.00	31.33 1.67 0.00	32.36 1.61 0.00	33.85 1.44 0.00	39.08 1.70 0.00	40.60 1.94 0.00	40.13 1.72 0.00	40.16 1.65 0.00	40.55 2.11 0.00	38.86 2.37 0.19	41.17 2.89 0.55	42.31 2.49 0.45	43.95 2.51 0.41	50.24 2.68 0.08	58.28 3.27 0.00	94.89 5.49 0.00	58.29 3.27 0.00	52.49 3.21 0.00	51.52 2.21 0.00	42.20 0.90 6.46	47.49 1.14 0.00	40.22 0.87 0.00
NORTHPORT___IC 23718	37.74 2.20 0.00	32.53 1.70 0.00	30.34 1.82 0.00	31.38 1.72 0.00	32.41 1.66 0.00	33.90 1.48 0.00	39.15 1.76 0.00	40.64 1.99 0.00	40.15 1.74 0.00	40.15 1.64 0.00	40.53 2.09 0.00	38.82 2.33 0.19	41.14 2.86 0.55	42.30 2.48 0.45	43.95 2.51 0.41	50.27 2.71 0.08	58.32 3.32 0.00	94.98 5.58 0.00	58.36 3.34 0.00	52.57 3.29 0.00	51.58 2.27 0.00	42.21 0.95 6.48	47.56 1.21 0.00	40.24 0.89 0.00
NORTH___COUNTRY_ESR 323785	35.05 -0.48 0.00	30.50 -0.33 0.00	28.24 -0.29 0.00	29.43 -0.23 0.00	30.53 -0.22 0.00	32.31 -0.10 0.00	37.29 -0.10 0.00	38.71 0.05 0.00	38.66 0.25 0.00	38.83 0.31 0.00	38.71 0.27 0.00	36.82 0.14 0.00	38.90 0.07 0.00	40.40 0.12 0.00	41.96 0.11 0.00	47.72 0.09 0.00	54.97 -0.03 0.00	89.00 -0.40 0.00	54.68 -0.34 0.00	48.81 -0.47 0.00	49.04 -0.27 0.00	47.63 -0.11 0.00	46.14 -0.22 0.00	39.19 -0.15 0.00
NPX_GEN_1385_PROXY 323591	39.42 2.86 -1.02	32.77 1.94 0.00	31.95 2.63 -0.80	34.31 2.56 -2.09	36.56 2.51 -3.30	34.46 2.04 0.00	39.75 2.36 0.00	40.78 2.12 0.00	39.67 1.26 0.00	39.28 0.77 0.00	39.55 1.11 0.00	33.50 1.32 4.49	40.27 2.00 0.55	41.61 1.78 0.45	40.18 1.35 3.02	49.56 2.01 0.08	58.64 3.64 0.00	95.96 6.56 0.00	58.97 3.96 0.00	53.24 3.96 0.00	51.89 2.58 0.00	42.36 1.10 6.48	47.84 1.49 0.00	39.87 0.52 0.00
NPX_GEN_CSC 323557	38.75 2.19 -1.02	32.69 1.87 0.00	30.50 1.97 0.00	31.57 1.90 0.00	32.60 1.85 0.00	34.19 1.77 0.00	39.57 2.19 0.00	41.14 2.48 0.00	40.48 2.07 0.00	40.38 1.87 0.00	40.52 2.08 0.00	38.46 1.96 0.19	40.85 2.57 0.55	42.44 2.61 0.45	44.28 2.83 0.41	50.95 3.40 0.08	58.80 3.80 0.00	95.72 6.32 0.00	58.98 3.97 0.00	53.37 4.09 0.00	52.33 3.03 0.00	42.99 1.63 6.38	47.94 1.58 0.00	40.24 0.89 0.00
NSINS_S_GLNS_FALLS 23858	37.98 2.44 0.00	32.87 2.05 0.00	30.48 1.95 0.00	31.68 2.02 0.00	32.84 2.09 0.00	34.65 2.23 0.00	39.99 2.60 0.00	41.18 2.52 0.00	40.56 2.15 0.00	40.40 1.88 0.00	40.09 1.65 0.00	38.31 1.63 0.00	40.48 1.64 0.00	42.11 1.84 0.00	43.85 2.00 0.00	50.38 2.75 0.00	58.47 3.47 0.00	95.75 6.34 0.00	58.74 3.72 0.00	53.08 3.80 0.00	53.26 3.95 0.00	51.62 3.87 0.00	51.77 3.66 -1.77	42.83 2.92 -0.57
NUCOR_STEEL___DRP 24197	35.39 -0.15 0.00	30.65 -0.17 0.00	28.33 -0.20 0.00	29.56 -0.11 0.00	30.60 -0.15 0.00	32.18 -0.33 -0.09	38.66 -0.33 -1.61	39.87 -0.51 -1.73	38.34 -0.70 -0.63	37.79 -0.72 0.00	37.77 -0.66 0.00	36.07 -0.66 -0.05	39.70 -0.63 -1.50	41.59 -0.56 -1.87	43.01 -0.51 -1.68	48.40 -0.42 -1.19	56.76 -0.52 -2.28	94.14 -0.45 -5.18	57.43 -0.24 -2.65	51.79 0.42 -2.08	52.03 0.44 -2.28	48.47 0.22 -0.50	47.07 0.17 -0.54	39.37 0.01 -0.02

NUMBER_THREE_WT_PWR 323818	34.46 -1.08 0.00	29.93 -0.89 0.00	27.84 -0.69 0.00	29.10 -0.56 0.00	30.70 -0.05 0.00	32.65 0.24 0.00	37.85 0.46 0.00	38.86 0.20 0.00	38.47 0.06 0.00	38.43 -0.09 0.00	38.18 -0.25 0.00	36.35 -0.33 0.00	38.33 -0.50 0.00	39.76 -0.52 0.00	41.26 -0.59 0.00	47.12 -0.55 -0.04	54.54 -0.59 -0.12	89.74 -0.76 -1.10	55.98 0.14 -0.82	51.37 1.26 -0.83	51.80 1.58 -0.91	49.36 1.41 -0.20	47.64 1.07 -0.22	40.06 0.71 -0.01
NYISO_LBMP_REFERENCE 24008	35.54 0.00 0.00	30.82 0.00 0.00	28.52 0.00 0.00	29.66 0.00 0.00	30.75 0.00 0.00	32.41 0.00 0.00	37.39 0.00 0.00	38.66 0.00 0.00	38.41 0.00 0.00	38.52 0.00 0.00	38.44 0.00 0.00	36.68 0.00 0.00	38.83 0.00 0.00	40.27 0.00 0.00	41.85 0.00 0.00	47.63 0.00 0.00	55.00 0.00 0.00	89.40 0.00 0.00	55.02 0.00 0.00	49.28 0.00 0.00	49.31 0.00 0.00	47.75 0.00 0.00	46.35 0.00 0.00	39.35 0.00 0.00
NYPA_BRENTWD____GT 24164	38.04 2.51 0.00	32.81 1.98 0.00	30.57 2.05 0.00	31.60 1.94 0.00	32.64 1.90 0.00	34.18 1.76 0.00	39.53 2.14 0.00	41.08 2.42 0.00	40.61 2.20 0.00	40.62 2.10 0.00	40.95 2.51 0.00	39.27 2.78 0.19	41.65 3.37 0.55	42.97 3.14 0.45	44.77 3.32 0.41	51.20 3.65 0.07	59.35 4.35 0.00	96.55 7.15 0.00	59.33 4.31 0.00	53.46 4.18 0.00	52.45 3.14 0.00	43.34 1.81 6.21	48.37 2.02 0.00	40.83 1.48 0.00
NYPA_GOWANUS____GT5 24156	37.27 1.73 0.00	32.27 1.45 0.00	29.92 1.40 0.00	30.96 1.30 0.00	31.95 1.20 0.00	33.65 1.24 0.00	38.95 1.56 0.00	40.59 1.93 0.00	40.60 2.19 0.00	40.94 2.43 0.00	41.14 2.70 0.00	44.18 2.90 -4.60	55.71 3.20 -13.67	54.74 3.29 -11.18	55.43 3.46 -10.13	54.19 3.92 -2.64	59.73 4.73 0.00	97.08 7.68 0.00	59.50 4.48 0.00	53.53 4.25 0.00	52.83 3.52 0.00	50.43 2.69 0.00	49.09 2.74 0.00	41.44 2.09 0.00
NYPA_GOWANUS____GT6 24157	37.27 1.73 0.00	32.27 1.45 0.00	29.92 1.40 0.00	30.96 1.30 0.00	31.95 1.20 0.00	33.65 1.24 0.00	38.95 1.56 0.00	40.59 1.93 0.00	40.60 2.19 0.00	40.94 2.43 0.00	41.14 2.70 0.00	44.18 2.90 -4.60	55.71 3.20 -13.67	54.74 3.29 -11.18	55.43 3.46 -10.13	54.19 3.92 -2.64	59.73 4.73 0.00	97.08 7.68 0.00	59.50 4.48 0.00	53.53 4.25 0.00	52.83 3.52 0.00	50.43 2.69 0.00	49.09 2.74 0.00	41.44 2.09 0.00
NYPA_HARLEM__RVR__GT1 24160	37.32 1.78 0.00	32.39 1.57 0.00	30.00 1.48 0.00	31.08 1.42 0.00	32.07 1.33 0.00	33.78 1.37 0.00	38.98 1.59 0.00	40.65 2.00 0.00	40.59 2.18 0.00	40.82 2.31 0.00	41.02 2.58 0.00	47.47 2.73 -8.06	66.90 3.02 -25.05	56.41 3.11 -13.03	56.91 3.30 -11.76	51.62 3.68 -0.31	59.60 4.60 0.00	97.10 7.70 0.00	59.45 4.43 0.00	53.38 4.10 0.00	52.72 3.41 0.00	50.39 2.64 0.00	48.87 2.52 0.00	41.25 1.91 0.00
NYPA_HARLEM__RVR__GT2 24161	37.32 1.78 0.00	32.39 1.57 0.00	30.00 1.48 0.00	31.08 1.42 0.00	32.07 1.33 0.00	33.78 1.37 0.00	38.98 1.59 0.00	40.65 2.00 0.00	40.59 2.18 0.00	40.82 2.31 0.00	41.02 2.58 0.00	47.47 2.73 -8.06	66.90 3.02 -25.05	56.41 3.11 -13.03	56.91 3.30 -11.76	51.62 3.68 -0.31	59.60 4.60 0.00	97.10 7.70 0.00	59.45 4.43 0.00	53.38 4.10 0.00	52.72 3.41 0.00	50.39 2.64 0.00	48.87 2.52 0.00	41.25 1.91 0.00
NYPA_KENT____GT 24152	37.24 1.70 0.00	32.25 1.42 0.00	29.91 1.38 0.00	30.95 1.29 0.00	31.94 1.19 0.00	33.62 1.21 0.00	38.93 1.54 0.00	40.58 1.92 0.00	40.57 2.16 0.00	40.89 2.38 0.00	41.09 2.65 0.00	44.12 2.85 -4.60	55.66 3.16 -13.67	54.66 3.20 -11.18	55.37 3.39 -10.13	54.08 3.81 -2.64	59.57 4.57 0.00	96.89 7.48 0.00	59.36 4.34 0.00	53.40 4.12 0.00	52.70 3.40 0.00	50.32 2.58 0.00	49.01 2.66 0.00	41.37 2.03 0.00
NYPA_POUCH1____GT 24155	37.20 1.66 0.00	32.23 1.41 0.00	29.88 1.36 0.00	30.92 1.26 0.00	31.92 1.17 0.00	33.62 1.20 0.00	38.90 1.51 0.00	40.49 1.84 0.00	40.48 2.07 0.00	40.79 2.27 0.00	40.98 2.55 0.00	43.85 2.73 -4.45	55.38 3.01 -13.54	54.55 3.10 -11.18	55.16 3.28 -10.03	54.05 3.77 -2.64	59.59 4.58 0.00	96.72 7.32 0.00	59.34 4.32 0.00	53.44 4.17 0.00	52.72 3.41 0.00	50.34 2.60 0.00	48.98 2.63 0.00	41.34 1.99 0.00
NYPA_VERNON____GT2 24162	37.21 1.67 0.00	32.23 1.41 0.00	29.90 1.37 0.00	30.94 1.28 0.00	31.91 1.16 0.00	33.60 1.19 0.00	38.91 1.52 0.00	40.57 1.91 0.00	40.54 2.13 0.00	40.84 2.32 0.00	41.02 2.59 0.00	44.08 2.81 -4.60	55.61 3.11 -13.67	54.57 3.12 -11.18	55.28 3.31 -10.13	53.97 3.70 -2.64	59.46 4.46 0.00	96.76 7.35 0.00	59.26 4.25 0.00	53.29 4.02 0.00	52.61 3.30 0.00	50.26 2.51 0.00	48.92 2.57 0.00	41.31 1.96 0.00
NYPA_VERNON____GT3 24163	37.21 1.67 0.00	32.23 1.41 0.00	29.90 1.37 0.00	30.94 1.28 0.00	31.91 1.16 0.00	33.60 1.19 0.00	38.91 1.52 0.00	40.57 1.91 0.00	40.54 2.13 0.00	40.84 2.32 0.00	41.02 2.59 0.00	44.08 2.81 -4.60	55.61 3.11 -13.67	54.57 3.12 -11.18	55.28 3.31 -10.13	53.97 3.70 -2.64	59.46 4.46 0.00	96.76 7.35 0.00	59.26 4.25 0.00	53.29 4.02 0.00	52.61 3.30 0.00	50.26 2.51 0.00	48.92 2.57 0.00	41.31 1.96 0.00
NYPA__ASTORIA_CC1 323568	37.16 1.63 0.00	32.19 1.37 0.00	29.87 1.34 0.00	30.91 1.25 0.00	31.88 1.13 0.00	33.56 1.14 0.00	38.85 1.47 0.00	40.52 1.87 0.00	40.49 2.08 0.00	40.79 2.27 0.00	40.97 2.53 0.00	44.03 2.75 -4.60	55.54 3.03 -13.67	54.52 3.06 -11.18	55.24 3.26 -10.13	53.91 3.64 -2.64	59.36 4.36 0.00	96.59 7.18 0.00	59.18 4.16 0.00	53.21 3.93 0.00	52.55 3.24 0.00	50.18 2.44 0.00	48.85 2.50 0.00	41.26 1.91 0.00
NYPA__ASTORIA_CC2 323569	37.16 1.63 0.00	32.19 1.37 0.00	29.87 1.34 0.00	30.91 1.25 0.00	31.88 1.13 0.00	33.56 1.14 0.00	38.85 1.47 0.00	40.52 1.87 0.00	40.49 2.08 0.00	40.79 2.27 0.00	40.97 2.53 0.00	44.03 2.75 -4.60	55.54 3.03 -13.67	54.52 3.06 -11.18	55.24 3.26 -10.13	53.91 3.64 -2.64	59.36 4.36 0.00	96.59 7.18 0.00	59.18 4.16 0.00	53.21 3.93 0.00	52.55 3.24 0.00	50.18 2.44 0.00	48.85 2.50 0.00	41.26 1.91 0.00
NYPA__HOLTSVILL 23794	37.74 2.20 0.00	32.59 1.77 0.00	30.39 1.86 0.00	31.43 1.77 0.00	32.46 1.71 0.00	34.01 1.60 0.00	39.32 1.93 0.00	40.88 2.22 0.00	40.38 1.97 0.00	40.30 1.79 0.00	40.61 2.17 0.00	38.83 2.34 0.19	41.20 2.93 0.55	42.59 2.76 0.45	44.38 2.94 0.41	50.85 3.29 0.08	58.87 3.87 0.00	95.90 6.50 0.00	58.98 3.96 0.00	53.17 3.89 0.00	52.16 2.85 0.00	42.88 1.53 6.39	47.95 1.60 0.00	40.44 1.09 0.00
NYPA__HELLGATE_GT1 24158	37.32 1.78 0.00	32.39 1.57 0.00	30.00 1.48 0.00	31.08 1.42 0.00	32.07 1.33 0.00	33.78 1.37 0.00	38.98 1.59 0.00	40.65 2.00 0.00	40.59 2.18 0.00	40.82 2.31 0.00	41.02 2.58 0.00	40.28 2.73 -0.87	43.37 3.02 -1.53	52.10 3.11 -8.71	48.51 3.30 -3.37	52.01 3.68 -0.69	59.57 4.57 0.00	97.04 7.64 0.00	59.42 4.40 0.00	53.38 4.10 0.00	52.72 3.41 0.00	50.39 2.64 0.00	48.87 2.52 0.00	41.25 1.91 0.00

OSWEGATCHIE___HYD 24044	34.63 -0.91 0.00	30.07 -0.75 0.00	27.88 -0.64 0.00	29.09 -0.57 0.00	30.47 -0.28 0.00	32.32 -0.09 0.00	37.41 0.02 0.00	38.50 -0.16 0.00	38.22 -0.19 0.00	38.22 -0.30 0.00	38.05 -0.39 0.00	36.19 -0.49 0.00	38.14 -0.69 0.00	39.67 -0.61 0.00	41.15 -0.71 0.00	46.70 -0.96 -0.03	53.73 -1.36 -0.10	87.86 -2.43 -0.89	54.60 -1.09 -0.67	49.61 -0.35 -0.67	50.05 0.00 -0.74	47.96 0.05 -0.16	46.46 -0.06 -0.18	39.34 -0.01 0.00
OSWEGO___5 23606	34.63 -0.91 0.00	30.08 -0.74 0.00	27.81 -0.71 0.00	28.91 -0.75 0.00	29.95 -0.80 0.00	31.55 -0.87 0.00	36.39 -1.00 0.00	37.54 -1.11 0.00	37.24 -1.17 0.00	37.36 -1.15 0.00	37.25 -1.18 0.00	35.47 -1.21 0.00	37.53 -1.30 0.00	38.95 -1.33 0.00	40.48 -1.37 0.00	46.56 -1.48 -0.40	54.70 -1.65 -1.35	99.42 -2.49 -12.51	62.82 -1.54 -9.35	57.59 -1.17 -9.47	58.46 -1.20 -10.36	48.75 -1.28 -2.28	47.59 -1.24 -2.47	38.41 -1.01 -0.07
OSWEGO___6 23613	34.63 -0.91 0.00	30.08 -0.74 0.00	27.81 -0.71 0.00	28.91 -0.75 0.00	29.95 -0.80 0.00	31.55 -0.87 0.00	36.39 -1.00 0.00	37.54 -1.11 0.00	37.24 -1.17 0.00	37.36 -1.15 0.00	37.25 -1.18 0.00	35.47 -1.21 0.00	37.53 -1.30 0.00	38.95 -1.33 0.00	40.48 -1.37 0.00	46.56 -1.48 -0.40	54.70 -1.65 -1.35	99.42 -2.49 -12.51	62.82 -1.54 -9.35	57.59 -1.17 -9.47	58.46 -1.20 -10.36	48.75 -1.28 -2.28	47.59 -1.24 -2.47	38.41 -1.01 -0.07
OUTOKUMPU-AB___DRP 24206	32.79 -2.75 0.00	28.88 -1.94 0.00	26.50 -2.02 0.00	27.47 -2.19 0.00	28.32 -2.41 0.02	29.01 -2.73 0.68	22.96 -2.71 11.73	23.40 -2.67 12.58	30.89 -2.90 4.62	35.72 -2.80 0.00	35.58 -2.86 0.00	33.55 -2.75 0.38	25.51 -2.45 10.87	24.16 -2.56 13.55	26.97 -2.74 12.15	36.73 -2.89 8.01	37.44 -3.21 14.35	66.72 -5.13 17.55	46.78 -3.97 4.27	46.17 -3.12 -0.01	46.20 -3.11 -0.01	44.62 -3.12 0.00	43.52 -2.83 0.00	37.70 -1.65 0.00
OXBOW___BTM 323836	32.50 -3.04 0.00	28.66 -2.16 0.00	26.31 -2.22 0.00	27.28 -2.38 0.00	28.14 -2.59 0.02	28.81 -2.95 0.66	23.08 -2.92 11.43	23.54 -2.86 12.26	30.75 -3.16 4.50	35.38 -3.13 0.00	35.29 -3.15 0.00	33.25 -3.06 0.37	25.57 -2.72 10.54	24.34 -2.83 13.11	27.09 -3.01 11.75	36.63 -3.23 7.78	37.54 -3.58 13.89	66.60 -5.84 16.96	46.43 -4.50 4.09	45.67 -3.63 -0.02	45.70 -3.62 -0.01	44.12 -3.63 0.00	43.11 -3.24 0.00	37.39 -1.96 0.00
OXBOW___ 24026	32.50 -3.04 0.00	28.66 -2.16 0.00	26.31 -2.22 0.00	27.27 -2.39 0.00	28.13 -2.60 0.02	28.80 -2.95 0.66	23.04 -2.92 11.43	23.49 -2.91 12.26	30.73 -3.18 4.50	35.38 -3.14 0.00	35.24 -3.19 0.00	33.24 -3.07 0.37	25.53 -2.76 10.54	24.28 -2.88 13.11	27.02 -3.08 11.75	36.57 -3.28 7.78	37.44 -3.67 13.89	66.50 -5.94 16.96	46.37 -4.56 4.09	45.65 -3.65 -0.02	45.68 -3.64 -0.01	44.11 -3.64 0.00	43.12 -3.24 0.00	37.38 -1.96 0.00
OXY_CHEM_DSASP 323612	31.95 -3.59 0.00	28.23 -2.59 0.00	25.91 -2.62 0.00	26.88 -2.79 0.00	27.71 -3.02 0.02	28.37 -3.40 0.65	22.84 -3.43 11.12	23.29 -3.43 11.93	30.34 -3.68 4.39	34.87 -3.64 0.00	34.75 -3.69 0.00	32.77 -3.55 0.36	25.23 -3.30 10.30	24.01 -3.46 12.82	26.70 -3.67 11.48	36.04 -4.05 7.55	36.82 -4.61 13.57	65.22 -7.60 16.58	45.51 -5.51 4.00	44.79 -4.50 -0.01	44.78 -4.53 -0.01	43.24 -4.51 0.00	42.35 -4.01 0.00	36.77 -2.58 0.00
OZONE_PARK_ESR 323760	37.48 1.94 0.00	32.46 1.63 0.00	30.07 1.55 0.00	31.14 1.47 0.00	32.14 1.39 0.00	33.83 1.42 0.00	39.16 1.78 0.00	40.84 2.18 0.00	40.77 2.36 0.00	41.03 2.51 0.00	41.25 2.81 0.00	43.94 3.05 -4.21	54.78 3.42 -12.52	54.02 3.50 -10.24	54.87 3.75 -9.27	54.23 4.18 -2.42	60.14 5.14 0.00	97.96 8.56 0.00	59.98 4.97 0.00	53.89 4.62 0.00	53.23 3.92 0.00	50.83 3.08 0.00	49.36 3.01 0.00	41.66 2.31 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.95 -3.59 0.00	28.23 -2.59 0.00	25.91 -2.62 0.00	26.88 -2.79 0.00	27.71 -3.02 0.02	28.37 -3.40 0.65	22.84 -3.43 11.12	23.29 -3.43 11.93	30.34 -3.68 4.39	34.87 -3.64 0.00	34.75 -3.69 0.00	32.77 -3.55 0.36	25.23 -3.30 10.30	24.01 -3.46 12.82	26.70 -3.67 11.48	36.04 -4.05 7.55	36.82 -4.61 13.57	65.22 -7.60 16.58	45.51 -5.51 4.00	44.79 -4.50 -0.01	44.78 -4.53 -0.01	43.24 -4.51 0.00	42.35 -4.01 0.00	36.77 -2.58 0.00
PACKARD___115KV_DUPONT_184 80571	31.95 -3.59 0.00	28.23 -2.59 0.00	25.91 -2.62 0.00	26.88 -2.78 0.00	27.72 -3.01 0.02	28.37 -3.40 0.65	22.90 -3.37 11.12	23.34 -3.39 11.92	30.32 -3.72 4.37	34.78 -3.74 0.00	34.70 -3.74 0.00	32.70 -3.62 0.36	25.33 -3.31 10.19	24.16 -3.46 12.66	26.84 -3.66 11.35	36.10 -3.99 7.55	37.10 -4.49 13.41	65.51 -7.48 16.41	45.44 -5.54 4.04	44.70 -4.56 0.02	44.74 -4.56 0.01	43.24 -4.51 0.00	42.35 -4.00 0.00	36.78 -2.57 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	37.23 1.69 0.00	32.28 1.46 0.00	29.92 1.39 0.00	31.00 1.34 0.00	32.00 1.25 0.00	33.74 1.32 0.00	38.99 1.61 0.00	40.68 2.02 0.00	40.60 2.19 0.00	40.77 2.26 0.00	40.96 2.52 0.00	39.68 2.65 -0.35	42.04 2.90 -0.31	51.74 2.97 -8.49	47.72 3.18 -2.69	51.70 3.56 -0.50	59.60 4.60 0.00	97.18 7.77 0.00	59.49 4.47 0.00	53.46 4.18 0.00	52.81 3.50 0.00	50.46 2.71 0.00	48.88 2.53 0.00	41.24 1.89 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.93 2.39 0.00	32.65 1.83 0.00	30.33 1.80 0.00	31.44 1.77 0.00	32.46 1.71 0.00	34.24 1.83 0.00	39.43 2.04 0.00	41.12 2.46 0.00	41.03 2.62 0.00	41.26 2.74 0.00	41.42 2.98 0.00	40.32 3.29 -0.35	42.75 3.61 -0.31	52.54 3.77 -8.49	48.48 3.94 -2.69	52.58 4.44 -0.50	60.59 5.59 0.00	98.75 9.35 0.00	60.45 5.44 0.00	54.30 5.02 0.00	53.68 4.37 0.00	51.29 3.54 0.00	49.68 3.33 0.00	41.70 2.35 0.00
PATROON___115KV_TB1 80586	36.42 0.89 0.00	31.84 1.02 0.00	29.49 0.97 0.00	30.67 1.01 0.00	31.76 1.01 0.00	33.33 0.92 0.00	38.19 0.81 0.00	39.45 0.79 0.00	39.14 0.73 0.00	39.16 0.65 0.00	39.07 0.64 0.00	37.42 0.74 0.00	39.61 0.78 0.00	41.09 0.81 0.00	42.65 0.80 0.00	48.57 0.93 0.00	56.11 1.11 0.00	91.20 1.79 0.00	56.32 1.30 0.00	50.48 1.20 0.00	50.35 1.04 0.00	48.79 1.04 0.00	48.35 1.03 -0.97	40.46 0.79 -0.31
PATTRSNVILLE___SOLAR 323815	36.68 1.14 0.00	31.81 0.99 0.00	29.43 0.91 0.00	30.61 0.95 0.00	31.72 0.97 0.00	33.40 0.98 0.00	38.45 1.06 0.00	39.46 0.80 0.00	38.96 0.55 0.00	38.88 0.36 0.00	38.75 0.31 0.00	37.02 0.34 0.00	39.17 0.34 0.00	40.67 0.40 0.00	42.28 0.43 0.00	48.24 0.61 0.00	55.78 0.78 0.00	91.52 2.11 0.00	56.58 1.56 0.00	51.04 1.77 0.00	51.12 1.81 0.00	49.46 1.72 0.00	49.15 1.66 -1.14	41.04 1.33 -0.37
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.24 -2.30 0.00	29.12 -1.71 0.00	26.80 -1.72 0.00	27.77 -1.89 0.00	28.64 -2.09 0.02	29.29 -2.37 0.75	22.14 -2.32 12.92	22.60 -2.20 13.86	30.97 -2.35 5.09	36.31 -2.21 0.00	36.16 -2.27 0.00	34.14 -2.12 0.42	25.03 -1.77 12.03	23.40 -1.86 15.02	26.35 -2.05 13.45	36.77 -1.99 8.87	36.96 -2.13 15.90	66.65 -3.28 19.47	47.21 -3.05 4.77	46.97 -2.31 0.00	47.08 -2.23 0.00	45.48 -2.27 0.00	44.25 -2.11 0.00	38.11 -1.24 0.00

POMONA___ESR 323819	37.09 1.55 0.00	32.05 1.23 0.00	29.70 1.17 0.00	30.77 1.10 0.00	31.80 1.05 0.00	33.48 1.07 0.00	38.69 1.31 0.00	40.22 1.57 0.00	40.07 1.66 0.00	40.28 1.76 0.00	40.48 2.04 0.00	38.94 2.26 0.00	41.52 2.69 0.00	43.04 2.76 0.00	44.85 3.00 0.00	50.96 3.33 0.00	59.21 4.21 0.00	96.62 7.21 0.00	59.19 4.17 0.00	53.10 3.82 0.00	52.50 3.18 0.00	50.17 2.42 0.00	48.62 2.27 0.00	41.00 1.65 0.00
PORT_JEFF_3 23555	37.82 2.28 0.00	32.67 1.85 0.00	30.45 1.93 0.00	31.49 1.82 0.00	32.52 1.77 0.00	34.08 1.66 0.00	39.41 2.02 0.00	40.97 2.32 0.00	40.48 2.07 0.00	40.42 1.90 0.00	40.72 2.28 0.00	38.94 2.45 0.19	41.32 3.05 0.55	42.73 2.91 0.45	44.56 3.12 0.41	51.06 3.50 0.08	59.14 4.14 0.00	96.38 6.98 0.00	59.25 4.23 0.00	53.41 4.13 0.00	52.39 3.08 0.00	43.09 1.72 6.38	48.13 1.77 0.00	40.56 1.22 0.00
PORT_JEFF_4 23616	37.82 2.28 0.00	32.67 1.85 0.00	30.45 1.93 0.00	31.49 1.82 0.00	32.52 1.77 0.00	34.08 1.66 0.00	39.41 2.02 0.00	40.97 2.32 0.00	40.48 2.07 0.00	40.42 1.90 0.00	40.72 2.28 0.00	38.94 2.45 0.19	41.32 3.05 0.55	42.73 2.91 0.45	44.56 3.12 0.41	51.06 3.50 0.08	59.14 4.14 0.00	96.38 6.98 0.00	59.25 4.23 0.00	53.41 4.13 0.00	52.39 3.08 0.00	43.09 1.72 6.38	48.13 1.77 0.00	40.56 1.22 0.00
PORT_JEFF_IC 23713	37.88 2.35 0.00	32.71 1.89 0.00	30.49 1.96 0.00	31.53 1.86 0.00	32.56 1.81 0.00	34.12 1.70 0.00	39.47 2.08 0.00	41.03 2.37 0.00	40.52 2.11 0.00	40.45 1.94 0.00	40.77 2.33 0.00	38.96 2.46 0.19	41.36 3.08 0.55	42.79 2.97 0.45	44.65 3.21 0.41	51.19 3.63 0.07	59.30 4.30 0.00	96.66 7.26 0.00	59.43 4.41 0.00	53.56 4.28 0.00	52.51 3.20 0.00	43.22 1.82 6.35	48.20 1.85 0.00	40.60 1.26 0.00
PPL PILGRIM_ST_GT1 24216	38.04 2.51 0.00	32.81 1.98 0.00	30.57 2.05 0.00	31.60 1.94 0.00	32.64 1.90 0.00	34.18 1.76 0.00	39.53 2.14 0.00	41.08 2.42 0.00	40.61 2.20 0.00	40.62 2.10 0.00	40.95 2.51 0.00	39.27 2.78 0.19	41.65 3.37 0.55	42.97 3.14 0.45	44.77 3.32 0.41	51.20 3.65 0.07	59.35 4.35 0.00	96.55 7.15 0.00	59.33 4.31 0.00	53.46 4.18 0.00	52.45 3.14 0.00	43.34 1.81 6.21	48.37 2.02 0.00	40.83 1.48 0.00
PPL PILGRIM_ST_GT2 24217	38.04 2.51 0.00	32.81 1.98 0.00	30.57 2.05 0.00	31.60 1.94 0.00	32.64 1.90 0.00	34.18 1.76 0.00	39.53 2.14 0.00	41.08 2.42 0.00	40.61 2.20 0.00	40.62 2.10 0.00	40.95 2.51 0.00	39.27 2.78 0.19	41.65 3.37 0.55	42.97 3.14 0.45	44.77 3.32 0.41	51.20 3.65 0.07	59.35 4.35 0.00	96.55 7.15 0.00	59.33 4.31 0.00	53.46 4.18 0.00	52.45 3.14 0.00	43.34 1.81 6.21	48.37 2.02 0.00	40.83 1.48 0.00
PPL_SHRM_GT3 24213	37.74 2.20 0.00	32.70 1.87 0.00	30.51 1.98 0.00	31.57 1.91 0.00	32.60 1.85 0.00	34.19 1.78 0.00	39.57 2.19 0.00	41.14 2.48 0.00	40.49 2.08 0.00	40.36 1.85 0.00	40.52 2.08 0.00	38.46 1.97 0.19	40.85 2.57 0.55	42.43 2.60 0.45	44.27 2.83 0.41	50.95 3.39 0.08	58.83 3.83 0.00	95.80 6.40 0.00	59.03 4.02 0.00	53.40 4.13 0.00	52.37 3.06 0.00	43.05 1.67 6.37	47.98 1.62 0.00	40.27 0.92 0.00
PPL_SHRM_GT4 24214	37.74 2.20 0.00	32.70 1.87 0.00	30.51 1.98 0.00	31.57 1.91 0.00	32.60 1.85 0.00	34.19 1.78 0.00	39.57 2.19 0.00	41.14 2.48 0.00	40.49 2.08 0.00	40.36 1.85 0.00	40.52 2.08 0.00	38.46 1.97 0.19	40.85 2.57 0.55	42.43 2.60 0.45	44.27 2.83 0.41	50.95 3.39 0.08	58.83 3.83 0.00	95.80 6.40 0.00	59.03 4.02 0.00	53.40 4.13 0.00	52.37 3.06 0.00	43.05 1.67 6.37	47.98 1.62 0.00	40.27 0.92 0.00
PROJECT___ORANGE 1 24174	34.99 -0.55 0.00	30.39 -0.44 0.00	28.09 -0.43 0.00	29.19 -0.47 0.00	30.25 -0.50 0.00	31.84 -0.58 0.00	36.75 -0.64 0.00	37.91 -0.74 0.00	37.61 -0.80 0.00	37.75 -0.77 0.00	37.65 -0.78 0.00	35.87 -0.80 0.00	38.02 -0.81 0.00	39.46 -0.81 0.00	41.04 -0.82 0.00	46.93 -0.76 -0.05	54.45 -0.73 -0.18	90.17 -0.89 -1.66	55.66 -0.60 -1.24	50.24 -0.29 -1.26	50.30 -0.39 -1.38	47.51 -0.54 -0.30	46.09 -0.59 -0.33	38.88 -0.48 -0.01
PROJECT___ORANGE 2 24166	34.99 -0.55 0.00	30.39 -0.44 0.00	28.09 -0.43 0.00	29.19 -0.47 0.00	30.25 -0.50 0.00	31.84 -0.58 0.00	36.75 -0.64 0.00	37.91 -0.74 0.00	37.61 -0.80 0.00	37.75 -0.77 0.00	37.65 -0.78 0.00	35.87 -0.80 0.00	38.02 -0.81 0.00	39.46 -0.81 0.00	41.04 -0.82 0.00	46.93 -0.76 -0.05	54.45 -0.73 -0.18	90.17 -0.89 -1.66	55.66 -0.60 -1.24	50.24 -0.29 -1.26	50.30 -0.39 -1.38	47.51 -0.54 -0.30	46.09 -0.59 -0.33	38.88 -0.48 -0.01
PUCKETT___SOLAR 323809	35.76 0.22 0.00	31.00 0.17 0.00	28.70 0.18 0.00	29.77 0.12 0.00	30.87 0.12 0.00	32.56 0.04 -0.11	39.45 0.17 -1.90	40.71 0.02 -2.03	38.86 -0.30 -0.75	38.11 -0.41 0.00	37.89 -0.55 0.00	36.21 -0.53 -0.06	40.18 -0.42 -1.77	42.09 -0.40 -2.21	43.44 -0.39 -1.98	48.78 -0.20 -1.35	57.45 -0.01 -2.47	94.36 0.90 -4.06	57.25 0.64 -1.59	51.46 1.28 -0.90	51.61 1.32 -0.99	48.92 0.96 -0.22	47.37 0.78 -0.24	39.83 0.47 -0.01
PYRITES___HYD 24023	35.69 0.15 0.00	31.02 0.19 0.00	28.65 0.12 0.00	29.84 0.18 0.00	31.03 0.28 0.00	32.81 0.39 0.00	37.91 0.52 0.00	38.98 0.32 0.00	38.77 0.36 0.00	38.72 0.21 0.00	38.74 0.31 0.00	36.79 0.11 0.00	38.73 -0.10 0.00	40.48 0.21 0.00	41.80 -0.05 0.00	47.18 -0.45 0.00	53.97 -1.03 0.00	87.96 -1.44 0.00	54.11 -0.90 0.00	48.64 -0.64 0.00	49.18 -0.13 0.00	47.86 0.11 0.00	46.47 0.12 0.00	39.68 0.33 0.00
QUAKERRD_115KV_BK1 80622	33.56 -1.98 0.00	29.25 -1.57 0.00	26.95 -1.58 0.00	27.98 -1.68 0.00	28.94 -1.80 0.00	30.30 -1.99 0.14	32.84 -2.21 2.34	33.88 -2.26 2.51	35.19 -2.30 0.92	36.36 -2.16 0.00	36.28 -2.16 0.00	34.52 -2.08 0.07	34.60 -2.04 2.19	35.46 -2.08 2.74	37.24 -2.16 2.45	43.74 -2.27 1.62	49.64 -2.46 2.90	82.19 -3.66 3.55	51.67 -2.48 0.87	47.36 -1.92 0.00	47.30 -2.01 0.00	45.63 -2.11 0.00	44.25 -2.10 0.00	37.82 -1.53 0.00
QUENSBRY_115KV_TB8 356137	38.15 2.61 0.00	32.99 2.17 0.00	30.60 2.08 0.00	31.79 2.13 0.00	32.97 2.22 0.00	34.82 2.41 0.00	40.22 2.83 0.00	41.41 2.76 0.00	40.74 2.33 0.00	40.56 2.05 0.00	40.20 1.77 0.00	38.41 1.73 0.00	40.57 1.74 0.00	42.24 1.97 0.00	43.98 2.13 0.00	50.63 2.99 0.00	58.76 3.76 0.00	96.28 6.88 0.00	59.03 4.01 0.00	53.45 4.17 0.00	53.72 4.41 0.00	52.00 4.26 0.00	52.13 4.03 -1.75	43.09 3.18 -0.57
RAMAPO___LBMP 323565	36.92 1.38 0.00	31.91 1.09 0.00	29.56 1.04 0.00	30.64 0.98 0.00	31.67 0.92 0.00	33.36 0.94 0.00	38.55 1.16 0.00	40.06 1.41 0.00	39.89 1.48 0.00	40.07 1.55 0.00	40.26 1.82 0.00	38.69 2.01 0.00	41.25 2.42 0.00	42.76 2.48 0.00	44.55 2.70 0.00	50.62 2.98 0.00	58.80 3.80 0.00	95.92 6.32 0.00	58.79 3.77 0.00	52.76 3.48 0.00	52.19 2.88 0.00	49.88 2.13 0.00	48.35 2.00 0.00	40.77 1.43 0.00

