

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/01/2026

ALBANY___2 23572	39.89 0.15 0.00	39.92 0.20 0.00	37.31 0.27 0.00	36.73 0.33 0.00	35.04 0.37 0.00	36.33 0.32 0.00	46.29 0.13 0.00	48.84 0.11 -0.31	46.23 0.35 -0.04	47.24 0.11 0.00	54.02 -0.61 0.00	49.50 -0.54 0.00	50.66 0.00 0.00	50.86 -0.57 0.00	49.82 -0.90 0.00	47.19 -0.41 0.00	39.13 -0.42 0.00	44.67 -0.64 0.00	48.48 -0.86 0.00	46.68 -0.82 0.00	47.45 -0.66 0.00	49.62 -0.77 0.00	35.68 -0.48 0.00	40.13 -0.71 0.00
ALBANY___3 23573	39.89 0.15 0.00	39.92 0.20 0.00	37.31 0.27 0.00	36.73 0.33 0.00	35.04 0.37 0.00	36.33 0.32 0.00	46.29 0.13 0.00	48.84 0.11 -0.31	46.23 0.35 -0.04	47.24 0.11 0.00	54.02 -0.61 0.00	49.50 -0.54 0.00	50.66 -0.70 0.00	50.86 -0.57 0.00	49.82 -0.90 0.00	47.19 -0.41 0.00	39.13 -0.42 0.00	44.67 -0.64 0.00	48.48 -0.86 0.00	46.68 -0.82 0.00	47.45 -0.66 0.00	49.62 -0.77 0.00	35.68 -0.48 0.00	40.13 -0.71 0.00
ALBANY___4 23574	39.89 0.15 0.00	39.92 0.20 0.00	37.31 0.27 0.00	36.73 0.33 0.00	35.04 0.37 0.00	36.33 0.32 0.00	46.29 0.13 0.00	48.84 0.11 -0.31	46.23 0.35 -0.04	47.24 0.11 0.00	54.02 -0.61 0.00	49.50 -0.54 0.00	50.66 -0.70 0.00	50.86 -0.57 0.00	49.82 -0.90 0.00	47.19 -0.41 0.00	39.13 -0.42 0.00	44.67 -0.64 0.00	48.48 -0.86 0.00	46.68 -0.82 0.00	47.45 -0.66 0.00	49.62 -0.77 0.00	35.68 -0.48 0.00	40.13 -0.71 0.00
ALBANY___LFGE 323615	40.37 0.63 0.00	40.40 0.68 0.00	37.76 0.71 0.00	37.15 0.75 0.00	35.44 0.76 0.00	36.73 0.73 0.00	46.87 0.71 0.00	49.52 0.74 -0.35	46.90 1.02 -0.05	47.91 0.78 0.00	54.77 0.15 0.00	50.19 0.16 0.00	51.37 0.01 0.00	51.60 0.17 0.00	50.49 -0.22 0.00	47.83 0.24 0.00	39.63 0.07 0.00	45.26 -0.05 0.00	49.10 -0.23 0.00	47.29 -0.21 0.00	48.10 -0.01 0.00	50.28 -0.11 0.00	36.11 -0.05 0.00	40.61 -0.24 0.00
ALCOA_PA_115KV_PL-6C 55860	40.09 0.35 0.00	40.05 0.33 0.00	37.42 0.38 0.00	36.85 0.45 0.00	35.07 0.39 0.00	36.45 0.45 0.00	46.71 0.54 0.00	48.94 0.52 0.00	46.24 0.40 0.00	47.52 0.39 0.00	55.10 0.47 0.00	50.32 0.28 0.00	51.43 0.07 0.00	51.34 -0.09 0.00	50.45 -0.26 0.00	46.87 -0.73 0.00	38.92 -0.63 0.00	44.61 -0.70 0.00	48.65 -0.68 0.00	46.83 -0.68 0.00	47.69 -0.41 0.00	50.24 -0.15 0.00	36.38 0.21 0.00	41.27 0.43 0.00
ALCOA_RYNLDS___DRP 24188	40.08 0.34 0.00	40.05 0.34 0.00	37.42 0.38 0.00	36.85 0.45 0.00	35.07 0.39 0.00	36.45 0.45 0.00	46.71 0.54 0.00	48.95 0.52 0.00	46.24 0.40 0.00	47.52 0.40 0.00	55.10 0.47 0.00	50.32 0.28 0.00	51.43 0.07 0.00	51.34 -0.09 0.00	50.45 -0.26 0.00	46.87 -0.73 0.00	38.92 -0.63 0.00	44.61 -0.70 0.00	48.65 -0.68 0.00	46.82 -0.68 0.00	47.69 -0.42 0.00	50.24 -0.15 0.00	36.38 0.21 0.00	41.27 0.43 0.00
ALCOA___DSASP 323711	40.08 0.34 0.00	40.05 0.34 0.00	37.42 0.38 0.00	36.85 0.45 0.00	35.07 0.39 0.00	36.45 0.45 0.00	46.71 0.54 0.00	48.95 0.52 0.00	46.24 0.40 0.00	47.52 0.40 0.00	55.10 0.47 0.00	50.32 0.28 0.00	51.43 0.07 0.00	51.34 -0.09 0.00	50.45 -0.26 0.00	46.87 -0.73 0.00	38.92 -0.63 0.00	44.61 -0.70 0.00	48.65 -0.68 0.00	46.82 -0.68 0.00	47.69 -0.42 0.00	50.24 -0.15 0.00	36.38 0.21 0.00	41.27 0.43 0.00
ALLEGHENY___COGEN 23514	40.72 0.99 0.00	40.64 0.92 0.00	37.49 0.44 0.00	36.50 0.10 0.00	34.46 -0.21 0.00	35.97 -0.04 0.00	46.94 0.77 0.00	49.60 1.17 0.00	46.96 1.12 0.00	48.67 1.55 0.00	56.90 2.27 0.00	51.88 1.84 0.00	53.27 1.91 0.00	53.24 1.81 0.00	52.54 1.83 0.00	49.37 1.77 0.00	42.25 2.61 -0.08	48.26 2.22 -0.73	53.84 3.66 -0.85	53.20 4.67 -1.03	54.14 4.93 -1.11	55.17 4.45 -0.33	39.17 3.01 0.00	43.96 3.11 0.00
ALTAMONT_115KV_TB 2 55880	40.31 0.58 0.00	40.33 0.61 0.00	37.67 0.63 0.00	37.05 0.65 0.00	35.32 0.65 0.00	36.62 0.61 0.00	46.81 0.65 0.00	49.28 0.61 -0.24	46.44 0.57 -0.03	47.67 0.54 0.00	54.90 0.28 0.00	50.30 0.27 0.00	51.53 0.18 0.00	51.66 0.23 0.00	50.85 0.14 0.00	48.05 0.45 0.00	39.95 0.39 0.00	45.68 0.37 0.00	49.67 0.34 0.00	47.84 0.33 0.00	48.41 0.30 0.00	50.55 0.16 0.00	36.25 0.09 0.00	40.91 0.07 0.00
ALTONA_WT_PWR 323606	40.45 0.71 0.00	40.36 0.64 0.00	37.62 0.58 0.00	37.04 0.63 0.00	35.21 0.54 0.00	36.56 0.55 0.00	46.81 0.65 0.00	49.12 0.70 0.00	46.45 0.61 0.00	47.65 0.52 0.00	55.13 0.51 0.00	50.23 0.20 0.00	51.12 -0.23 0.00	50.77 -0.66 0.00	49.78 -0.93 0.00	46.26 -1.34 0.00	38.51 -1.04 0.00	44.14 -1.17 0.00	48.18 -1.15 0.00	46.39 -1.11 0.00	47.17 -0.94 0.00	49.81 -0.58 0.00	36.21 0.04 0.00	41.30 0.45 0.00
AMERICAN_REF_FUEL 24010	33.08 -1.43 5.23	31.75 -1.19 6.78	29.44 -1.73 5.87	32.28 -2.11 2.01	30.31 -2.18 2.18	30.72 -2.12 3.17	37.88 -2.06 6.22	38.28 -1.87 8.26	40.31 -2.04 3.49	37.03 -1.32 8.78	44.29 -0.84 9.50	48.61 -0.51 0.91	50.44 0.15 1.07	51.59 0.16 0.00	51.16 0.45 0.00	47.62 0.02 0.00	35.32 0.46 4.70	45.30 -0.24 -0.24	48.16 -0.14 1.03	41.13 0.02 6.40	44.67 -0.24 3.20	48.35 -0.67 1.37	32.28 -0.15 3.73	36.95 -0.10 3.80
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.56 -0.77 7.40	28.68 -1.44 9.60	26.80 -1.93 8.32	31.36 -2.20 2.84	29.18 -2.41 3.09	29.10 -2.41 4.49	35.50 -1.84 8.82	35.50 -1.22 11.70	39.87 -1.04 4.93	34.52 -0.14 12.46	42.29 1.13 13.47	50.03 1.29 1.30	51.59 1.75 1.51	52.74 1.31 0.00	52.50 1.79 0.00	49.10 1.50 0.00	34.73 1.80 6.63	47.92 2.01 -0.60	50.89 2.32 0.76	41.64 2.35 8.21	46.67 2.20 3.63	50.69 1.98 1.67	32.22 1.34 5.29	36.63 1.17 5.39
ARTHUR KILL_GT_1 23520	41.35 1.61 0.00	41.08 1.36 0.00	38.02 0.98 0.00	37.39 0.99 0.00	35.65 0.97 0.00	37.09 1.09 0.00	47.45 1.29 0.00	49.82 1.34 -0.06	47.51 1.66 -0.01	48.80 1.67 0.00	56.07 1.44 0.00	52.71 1.69 -0.98	53.39 2.03 0.00	53.44 2.01 0.00	52.80 2.09 0.00	50.71 2.98 -0.13	44.39 2.81 -2.02	50.79 3.02 -2.47	52.40 3.07 0.00	50.58 3.07 0.00	50.70 2.60 0.00	52.52 2.14 0.00	37.52 1.36 0.00	42.35 1.50 0.00
ARTHUR_KILL_2 23512	41.23 1.49 0.00	40.94 1.22 0.00	37.90 0.86 0.00	37.27 0.87 0.00	35.54 0.86 0.00	36.98 0.97 0.00	47.29 1.13 0.00	49.61 1.13 -0.06	47.34 1.50 -0.01	48.63 1.50 0.00	55.87 1.25 0.01	52.53 1.52 -0.98	53.20 1.85 0.00	53.25 1.82 0.00	52.62 1.91 0.00	50.50 2.78 -0.13	44.20 2.63 -2.02	50.59 2.82 -2.47	52.18 2.84 0.00	50.37 2.87 0.00	50.48 2.37 0.00	52.28 1.90 0.00	37.37 1.21 0.00	42.20 1.36 0.00
ARTHUR_KILL_3 23513	40.95 1.21 0.00	40.76 1.05 0.00	37.97 0.93 0.00	37.35 0.95 0.00	35.65 0.98 0.00	37.07 1.06 0.00	47.39 1.23 0.00	49.75 1.27 -0.06	47.41 1.57 -0.01	48.84 1.72 0.00	56.25 1.62 0.00	52.76 1.74 -0.98	53.29 1.94 0.00	53.39 1.96 0.00	52.90 2.19 0.00	50.59 2.86 -0.13	44.20 2.62 -2.02	50.76 2.98 -2.47	52.34 3.00 0.00	50.47 2.96 0.00	50.61 2.50 0.00	52.31 1.92 0.00	37.37 1.21 0.00	42.21 1.36 0.00

ARTHUR_KILL_COGEN 323718	41.35 1.62 0.00	41.08 1.36 0.00	38.02 0.97 0.00	37.38 0.98 0.00	35.65 0.97 0.00	37.09 1.08 0.00	47.45 1.29 0.00	49.77 1.30 -0.06	47.49 1.65 -0.01	48.79 1.66 0.00	56.05 1.44 0.01	52.71 1.69 -0.98	53.42 2.06 0.00	53.44 2.01 0.00	52.81 2.09 0.00	50.71 2.98 -0.13	44.38 2.80 -2.02	50.79 3.02 -2.47	52.39 3.06 0.00	50.58 3.08 0.00	50.69 2.59 0.00	52.51 2.13 0.00	37.51 1.35 0.00	42.35 1.50 0.00
ASHOKAN____ 23654	40.88 1.15 0.00	40.77 1.05 0.00	38.05 1.01 0.00	37.43 1.03 0.00	35.70 1.02 0.00	37.06 1.06 0.00	47.48 1.32 0.00	50.00 1.40 -0.18	47.38 1.52 -0.02	48.82 1.70 0.00	56.24 1.62 0.00	51.70 1.67 0.00	52.86 1.50 0.00	52.77 1.34 0.00	52.61 1.90 0.00	50.19 2.57 -0.03	42.02 2.16 -0.31	48.18 2.44 -0.43	51.86 2.53 0.00	49.84 2.33 0.00	50.13 2.02 0.00	51.98 1.59 0.00	37.11 0.95 0.00	41.76 0.92 0.00
ASTORIA_EAST_ENERGY_CC1 323581	41.14 1.41 0.00	40.95 1.24 0.00	38.06 1.02 0.00	37.43 1.03 0.00	35.75 1.08 0.00	37.19 1.19 0.00	47.53 1.37 0.00	49.85 1.37 -0.06	47.62 1.78 -0.01	48.91 1.78 0.00	56.28 1.65 0.00	52.84 1.83 -0.98	53.10 1.75 0.00	53.22 1.79 0.00	52.68 1.97 0.00	50.44 2.72 -0.13	44.03 2.46 -2.02	50.49 2.72 -2.47	52.01 2.68 0.00	50.20 2.70 0.00	50.27 2.17 0.00	52.11 1.73 0.00	37.37 1.21 0.00	42.21 1.37 0.00
ASTORIA_EAST_ENERGY_CC2 323582	41.14 1.41 0.00	40.95 1.24 0.00	38.06 1.02 0.00	37.43 1.03 0.00	35.75 1.08 0.00	37.19 1.19 0.00	47.53 1.37 0.00	49.85 1.37 -0.06	47.62 1.78 -0.01	48.91 1.78 0.00	56.28 1.65 0.00	52.84 1.83 -0.98	53.10 1.75 0.00	53.22 1.79 0.00	52.68 1.97 0.00	50.44 2.72 -0.13	44.03 2.46 -2.02	50.49 2.72 -2.47	52.01 2.68 0.00	50.20 2.70 0.00	50.27 2.17 0.00	52.11 1.73 0.00	37.37 1.21 0.00	42.21 1.37 0.00
ASTORIA_GT2_1 24094	41.18 1.44 0.00	40.97 1.25 0.00	38.09 1.05 0.00	37.46 1.06 0.00	35.77 1.10 0.00	37.22 1.21 0.00	47.57 1.40 0.00	49.89 1.41 -0.06	47.64 1.80 -0.01	48.94 1.81 0.00	56.31 1.68 0.00	52.87 1.86 -0.98	53.12 1.76 0.00	53.25 1.82 0.00	52.69 1.98 0.00	50.47 2.74 -0.13	44.05 2.47 -2.02	50.50 2.73 -2.47	52.05 2.72 0.00	50.21 2.71 0.00	50.31 2.20 0.00	52.13 1.75 0.00	37.39 1.23 0.00	42.23 1.38 0.00
ASTORIA_GT2_2 24095	41.18 1.44 0.00	40.97 1.25 0.00	38.09 1.05 0.00	37.46 1.06 0.00	35.77 1.10 0.00	37.22 1.21 0.00	47.57 1.40 0.00	49.89 1.41 -0.06	47.64 1.80 -0.01	48.94 1.81 0.00	56.31 1.68 0.00	52.87 1.86 -0.98	53.12 1.76 0.00	53.25 1.82 0.00	52.69 1.98 0.00	50.47 2.74 -0.13	44.05 2.47 -2.02	50.50 2.73 -2.47	52.05 2.72 0.00	50.21 2.71 0.00	50.31 2.20 0.00	52.13 1.75 0.00	37.39 1.23 0.00	42.23 1.38 0.00
ASTORIA_GT2_3 24096	41.18 1.44 0.00	40.97 1.25 0.00	38.09 1.05 0.00	37.46 1.06 0.00	35.77 1.10 0.00	37.22 1.21 0.00	47.57 1.40 0.00	49.89 1.41 -0.06	47.64 1.80 -0.01	48.94 1.81 0.00	56.31 1.68 0.00	52.87 1.86 -0.98	53.12 1.76 0.00	53.25 1.82 0.00	52.69 1.98 0.00	50.47 2.74 -0.13	44.05 2.47 -2.02	50.50 2.73 -2.47	52.05 2.72 0.00	50.21 2.71 0.00	50.31 2.20 0.00	52.13 1.75 0.00	37.39 1.23 0.00	42.23 1.38 0.00
ASTORIA_GT2_4 24097	41.18 1.44 0.00	40.97 1.25 0.00	38.09 1.05 0.00	37.46 1.06 0.00	35.77 1.10 0.00	37.22 1.21 0.00	47.57 1.40 0.00	49.89 1.41 -0.06	47.64 1.80 -0.01	48.94 1.81 0.00	56.31 1.68 0.00	52.87 1.86 -0.98	53.12 1.76 0.00	53.25 1.82 0.00	52.69 1.98 0.00	50.47 2.74 -0.13	44.05 2.47 -2.02	50.50 2.73 -2.47	52.05 2.72 0.00	50.21 2.71 0.00	50.31 2.20 0.00	52.13 1.75 0.00	37.39 1.23 0.00	42.23 1.38 0.00
ASTORIA_GT3_1 24098	41.18 1.44 0.00	40.97 1.25 0.00	38.09 1.05 0.00	37.46 1.06 0.00	35.77 1.10 0.00	37.22 1.21 0.00	47.57 1.40 0.00	49.89 1.41 -0.06	47.64 1.80 -0.01	48.94 1.81 0.00	56.31 1.68 0.00	52.87 1.86 -0.98	53.12 1.76 0.00	53.25 1.82 0.00	52.69 1.98 0.00	50.47 2.74 -0.13	44.05 2.47 -2.02	50.50 2.73 -2.47	52.05 2.72 0.00	50.21 2.71 0.00	50.31 2.20 0.00	52.13 1.75 0.00	37.39 1.23 0.00	42.23 1.38 0.00
ASTORIA_GT3_2 24099	41.18 1.44 0.00	40.97 1.25 0.00	38.09 1.05 0.00	37.46 1.06 0.00	35.77 1.10 0.00	37.22 1.21 0.00	47.57 1.40 0.00	49.89 1.41 -0.06	47.64 1.80 -0.01	48.94 1.81 0.00	56.31 1.68 0.00	52.87 1.86 -0.98	53.12 1.76 0.00	53.25 1.82 0.00	52.69 1.98 0.00	50.47 2.74 -0.13	44.05 2.47 -2.02	50.50 2.73 -2.47	52.05 2.72 0.00	50.21 2.71 0.00	50.31 2.20 0.00	52.13 1.75 0.00	37.39 1.23 0.00	42.23 1.38 0.00
ASTORIA_GT3_3 24100	41.18 1.44 0.00	40.97 1.25 0.00	38.09 1.05 0.00	37.46 1.06 0.00	35.77 1.10 0.00	37.22 1.21 0.00	47.57 1.40 0.00	49.89 1.41 -0.06	47.64 1.80 -0.01	48.94 1.81 0.00	56.31 1.68 0.00	52.87 1.86 -0.98	53.12 1.76 0.00	53.25 1.82 0.00	52.69 1.98 0.00	50.47 2.74 -0.13	44.05 2.47 -2.02	50.50 2.73 -2.47	52.05 2.72 0.00	50.21 2.71 0.00	50.31 2.20 0.00	52.13 1.75 0.00	37.39 1.23 0.00	42.23 1.38 0.00
ASTORIA_GT3_4 24101	41.18 1.44 0.00	40.97 1.25 0.00	38.09 1.05 0.00	37.46 1.06 0.00	35.77 1.10 0.00	37.22 1.21 0.00	47.57 1.40 0.00	49.89 1.41 -0.06	47.64 1.80 -0.01	48.94 1.81 0.00	56.31 1.68 0.00	52.87 1.86 -0.98	53.12 1.76 0.00	53.25 1.82 0.00	52.69 1.98 0.00	50.47 2.74 -0.13	44.05 2.47 -2.02	50.50 2.73 -2.47	52.05 2.72 0.00	50.21 2.71 0.00	50.31 2.20 0.00	52.13 1.75 0.00	37.39 1.23 0.00	42.23 1.38 0.00
ASTORIA_GT4_1 24102	41.18 1.44 0.00	40.97 1.25 0.00	38.09 1.05 0.00	37.46 1.06 0.00	35.77 1.10 0.00	37.22 1.21 0.00	47.57 1.40 0.00	49.89 1.41 -0.06	47.64 1.80 -0.01	48.94 1.81 0.00	56.31 1.68 0.00	52.87 1.86 -0.98	53.12 1.76 0.00	53.25 1.82 0.00	52.69 1.98 0.00	50.47 2.74 -0.13	44.05 2.47 -2.02	50.50 2.73 -2.47	52.05 2.72 0.00	50.21 2.71 0.00	50.31 2.20 0.00	52.13 1.75 0.00	37.39 1.23 0.00	42.23 1.38 0.00
ASTORIA_GT4_2 24103	41.18 1.44 0.00	40.97 1.25 0.00	38.09 1.05 0.00	37.46 1.06 0.00	35.77 1.10 0.00	37.22 1.21 0.00	47.57 1.40 0.00	49.89 1.41 -0.06	47.64 1.80 -0.01	48.94 1.81 0.00	56.31 1.68 0.00	52.87 1.86 -0.98	53.12 1.76 0.00	53.25 1.82 0.00	52.69 1.98 0.00	50.47 2.74 -0.13	44.05 2.47 -2.02	50.50 2.73 -2.47	52.05 2.72 0.00	50.21 2.71 0.00	50.31 2.20 0.00	52.13 1.75 0.00	37.39 1.23 0.00	42.23 1.38 0.00
ASTORIA_GT4_3 24104	41.18 1.44 0.00	40.97 1.25 0.00	38.09 1.05 0.00	37.46 1.06 0.00	35.77 1.10 0.00	37.22 1.21 0.00	47.57 1.40 0.00	49.89 1.41 -0.06	47.64 1.80 -0.01	48.94 1.81 0.00	56.31 1.68 0.00	52.87 1.86 -0.98	53.12 1.76 0.00	53.25 1.82 0.00	52.69 1.98 0.00	50.47 2.74 -0.13	44.05 2.47 -2.02	50.50 2.73 -2.47	52.05 2.72 0.00	50.21 2.71 0.00	50.31 2.20 0.00	52.13 1.75 0.00	37.39 1.23 0.00	42.23 1.38 0.00

ASTORIA_GT4_4 24105	41.18 1.44 0.00	40.97 1.25 0.00	38.09 1.05 0.00	37.46 1.06 0.00	35.77 1.10 0.00	37.22 1.21 0.00	47.57 1.40 0.00	49.89 1.41 -0.06	47.64 1.80 -0.01	48.94 1.81 0.00	56.31 1.68 0.00	52.87 1.86 -0.98	53.12 1.76 0.00	53.25 1.82 0.00	52.69 1.98 0.00	50.47 2.74 -0.13	44.05 2.47 -2.02	50.50 2.73 -2.47	52.05 2.72 0.00	50.21 2.71 0.00	50.31 2.20 0.00	52.13 1.75 0.00	37.39 1.23 0.00	42.23 1.38 0.00
ASTORIA_GT_1 23523	41.26 1.52 0.00	41.05 1.34 0.00	38.16 1.12 0.00	37.54 1.14 0.00	35.84 1.16 0.00	37.28 1.28 0.00	47.67 1.51 0.00	50.01 1.54 -0.06	47.76 1.92 -0.01	49.06 1.93 0.00	56.47 1.84 0.00	53.00 1.99 -0.98	53.27 1.91 0.00	53.39 1.96 0.00	52.84 2.13 0.00	50.61 2.88 -0.13	44.16 2.58 -2.02	50.63 2.86 -2.47	52.18 2.85 0.00	50.33 2.83 0.00	50.43 2.33 0.00	52.25 1.87 0.00	37.47 1.31 0.00	42.32 1.47 0.00
ASTORIA_GT_10 24110	41.23 1.49 0.00	41.02 1.30 0.00	38.16 1.12 0.00	37.54 1.13 0.00	35.83 1.15 0.00	37.26 1.25 0.00	47.62 1.46 0.00	49.95 1.47 -0.06	47.65 1.81 -0.01	49.02 1.90 0.00	56.41 1.79 0.00	52.92 1.90 -0.98	53.31 1.95 0.00	53.35 1.91 0.00	52.84 2.13 0.00	50.58 2.85 -0.13	44.22 2.64 -2.02	50.70 2.93 -2.47	52.22 2.89 0.00	50.32 2.83 0.00	50.42 2.31 0.00	52.18 1.80 0.00	37.42 1.26 0.00	42.30 1.45 0.00
ASTORIA_GT_11 24225	41.23 1.49 0.00	41.02 1.30 0.00	38.16 1.12 0.00	37.54 1.13 0.00	35.83 1.15 0.00	37.26 1.25 0.00	47.62 1.46 0.00	49.95 1.47 -0.06	47.65 1.81 -0.01	49.02 1.90 0.00	56.41 1.79 0.00	52.92 1.90 -0.98	53.31 1.95 0.00	53.35 1.91 0.00	52.84 2.13 0.00	50.58 2.85 -0.13	44.22 2.64 -2.02	50.70 2.93 -2.47	52.22 2.89 0.00	50.32 2.83 0.00	50.42 2.31 0.00	52.18 1.80 0.00	37.42 1.26 0.00	42.30 1.45 0.00
ASTORIA_GT_12 24226	41.23 1.49 0.00	41.02 1.30 0.00	38.16 1.12 0.00	37.54 1.13 0.00	35.83 1.15 0.00	37.26 1.25 0.00	47.62 1.46 0.00	49.95 1.47 -0.06	47.65 1.81 -0.01	49.02 1.90 0.00	56.41 1.79 0.00	52.92 1.90 -0.98	53.31 1.95 0.00	53.35 1.91 0.00	52.84 2.13 0.00	50.58 2.85 -0.13	44.22 2.64 -2.02	50.70 2.93 -2.47	52.22 2.89 0.00	50.32 2.83 0.00	50.42 2.31 0.00	52.18 1.80 0.00	37.42 1.26 0.00	42.30 1.45 0.00
ASTORIA_GT_13 24227	41.23 1.49 0.00	41.02 1.30 0.00	38.16 1.12 0.00	37.54 1.13 0.00	35.83 1.15 0.00	37.26 1.25 0.00	47.62 1.46 0.00	49.95 1.47 -0.06	47.65 1.81 -0.01	49.02 1.90 0.00	56.41 1.79 0.00	52.92 1.90 -0.98	53.31 1.95 0.00	53.35 1.91 0.00	52.84 2.13 0.00	50.58 2.85 -0.13	44.22 2.64 -2.02	50.70 2.93 -2.47	52.22 2.89 0.00	50.32 2.83 0.00	50.42 2.31 0.00	52.18 1.80 0.00	37.42 1.26 0.00	42.30 1.45 0.00
ASTORIA_GT_5 24106	41.26 1.52 0.00	41.05 1.34 0.00	38.16 1.12 0.00	37.54 1.14 0.00	35.84 1.16 0.00	37.28 1.28 0.00	47.67 1.51 0.00	50.01 1.54 -0.06	47.76 1.92 -0.01	49.06 1.93 0.00	56.47 1.84 0.00	53.00 1.99 -0.98	53.27 1.91 0.00	53.39 1.96 0.00	52.84 2.13 0.00	50.61 2.88 -0.13	44.16 2.58 -2.02	50.63 2.86 -2.47	52.18 2.85 0.00	50.33 2.83 0.00	50.43 2.33 0.00	52.25 1.87 0.00	37.47 1.31 0.00	42.32 1.47 0.00
ASTORIA_GT_7 24107	41.26 1.52 0.00	41.05 1.34 0.00	38.16 1.12 0.00	37.54 1.14 0.00	35.84 1.16 0.00	37.28 1.28 0.00	47.67 1.51 0.00	50.01 1.54 -0.06	47.76 1.92 -0.01	49.06 1.93 0.00	56.47 1.84 0.00	53.00 1.99 -0.98	53.27 1.91 0.00	53.39 1.96 0.00	52.84 2.13 0.00	50.61 2.88 -0.13	44.16 2.58 -2.02	50.63 2.86 -2.47	52.18 2.85 0.00	50.33 2.83 0.00	50.43 2.33 0.00	52.25 1.87 0.00	37.47 1.31 0.00	42.32 1.47 0.00
ASTORIA_GT_8 24108	41.26 1.52 0.00	41.05 1.34 0.00	38.16 1.12 0.00	37.54 1.14 0.00	35.84 1.16 0.00	37.28 1.28 0.00	47.67 1.51 0.00	50.01 1.54 -0.06	47.76 1.92 -0.01	49.06 1.93 0.00	56.47 1.84 0.00	53.00 1.99 -0.98	53.27 1.91 0.00	53.39 1.96 0.00	52.84 2.13 0.00	50.61 2.88 -0.13	44.16 2.58 -2.02	50.63 2.86 -2.47	52.18 2.85 0.00	50.33 2.83 0.00	50.43 2.33 0.00	52.25 1.87 0.00	37.47 1.31 0.00	42.32 1.47 0.00
ASTORIA___2 24149	41.17 1.44 0.00	40.97 1.25 0.00	38.09 1.05 0.00	37.46 1.06 0.00	35.77 1.10 0.00	37.21 1.21 0.00	47.56 1.40 0.00	49.87 1.39 -0.06	47.64 1.80 -0.01	48.92 1.80 0.00	56.31 1.69 0.00	52.87 1.86 -0.98	53.13 1.78 0.00	53.25 1.82 0.00	52.70 1.99 0.00	50.47 2.74 -0.13	44.06 2.48 -2.02	50.50 2.73 -2.47	52.04 2.71 0.00	50.21 2.71 0.00	50.30 2.19 0.00	52.14 1.76 0.00	37.40 1.23 0.00	42.23 1.39 0.00
ASTORIA___3 23516	41.22 1.49 0.00	41.02 1.30 0.00	38.16 1.12 0.00	37.54 1.13 0.00	35.83 1.15 0.00	37.25 1.25 0.00	47.62 1.45 0.00	49.94 1.46 -0.06	47.65 1.80 -0.01	49.01 1.88 0.00	56.41 1.78 0.00	52.92 1.90 -0.98	53.31 1.96 0.00	53.34 1.91 0.00	52.84 2.13 0.00	50.58 2.86 -0.13	44.22 2.65 -2.02	50.71 2.94 -2.47	52.22 2.89 0.00	50.33 2.83 0.00	50.40 2.30 0.00	52.19 1.81 0.00	37.40 1.23 0.00	42.23 1.39 0.00
ASTORIA___4 23517	41.23 1.49 0.00	41.02 1.30 0.00	38.16 1.12 0.00	37.54 1.13 0.00	35.83 1.15 0.00	37.26 1.25 0.00	47.62 1.46 0.00	49.95 1.47 -0.06	47.65 1.81 -0.01	49.02 1.90 0.00	56.41 1.79 0.00	52.92 1.90 -0.98	53.31 1.95 0.00	53.35 1.91 0.00	52.84 2.13 0.00	50.58 2.85 -0.13	44.22 2.64 -2.02	50.70 2.93 -2.47	52.22 2.89 0.00	50.32 2.83 0.00	50.42 2.31 0.00	52.19 1.80 0.00	37.39 1.23 0.00	42.23 1.38 0.00
ASTORIA___5 23518	41.22 1.49 0.00	41.02 1.30 0.00	38.16 1.12 0.00	37.54 1.13 0.00	35.83 1.15 0.00	37.25 1.25 0.00	47.62 1.45 0.00	49.94 1.46 -0.06	47.64 1.80 -0.01	49.01 1.88 0.00	56.41 1.78 0.00	52.92 1.90 -0.98	53.31 1.96 0.00	53.34 1.91 0.00	52.84 2.13 0.00	50.58 2.86 -0.13	44.22 2.65 -2.02	50.71 2.94 -2.47	52.22 2.89 0.00	50.33 2.83 0.00	50.40 2.30 0.00	52.18 1.80 0.00	37.42 1.26 0.00	42.30 1.45 0.00
AST_ENERGY_2_CC3 323677	41.16 1.42 0.00	40.98 1.26 0.00	38.16 1.11 0.00	37.53 1.12 0.00	35.82 1.14 0.00	37.24 1.24 0.00	47.61 1.45 0.00	49.97 1.49 -0.06	47.63 1.78 -0.01	49.04 1.91 0.00	56.45 1.82 0.00	52.83 1.82 -0.98	53.29 1.94 0.00	53.34 1.91 0.00	52.86 2.15 0.00	50.57 2.84 -0.13	44.18 2.61 -2.02	50.73 2.96 -2.46	52.29 2.97 0.01	50.37 2.87 0.01	50.50 2.39 0.01	52.22 1.83 0.00	37.42 1.26 0.00	42.35 1.50 0.00
AST_ENERGY_2_CC4 323678	41.16 1.42 0.00	40.98 1.26 0.00	38.16 1.11 0.00	37.53 1.12 0.00	35.82 1.14 0.00	37.24 1.24 0.00	47.61 1.45 0.00	49.97 1.49 -0.06	47.63 1.78 -0.01	49.04 1.91 0.00	56.45 1.82 0.00	52.83 1.82 -0.98	53.29 1.94 0.00	53.34 1.91 0.00	52.86 2.15 0.00	50.57 2.84 -0.13	44.18 2.61 -2.02	50.73 2.96 -2.46	52.29 2.97 0.01	50.37 2.87 0.01	50.50 2.39 0.01	52.22 1.83 0.00	37.42 1.26 0.00	42.35 1.50 0.00

ATHENS_STG_1 23668	40.36 0.62 0.00	40.35 0.64 0.00	37.70 0.66 0.00	37.09 0.68 0.00	35.37 0.69 0.00	36.65 0.65 0.00	46.87 0.70 0.00	49.05 0.59 -0.04	46.39 0.54 0.00	47.65 0.52 0.00	55.00 0.37 0.00	50.48 0.44 0.00	51.79 0.44 0.00	51.88 0.45 0.00	51.23 0.51 0.00	48.58 0.94 -0.04	40.87 0.90 -0.42	46.88 0.99 -0.59	50.29 0.96 0.00	48.42 0.91 0.00	48.80 0.69 0.00	50.81 0.42 0.00	36.40 0.24 0.00	41.10 0.25 0.00
ATHENS_STG_2 23670	40.36 0.62 0.00	40.35 0.64 0.00	37.70 0.66 0.00	37.09 0.68 0.00	35.37 0.69 0.00	36.65 0.65 0.00	46.87 0.70 0.00	49.05 0.59 -0.04	46.39 0.54 0.00	47.65 0.52 0.00	55.00 0.37 0.00	50.48 0.44 0.00	51.79 0.44 0.00	51.88 0.45 0.00	51.23 0.51 0.00	48.58 0.94 -0.04	40.87 0.90 -0.42	46.88 0.99 -0.59	50.29 0.96 0.00	48.42 0.91 0.00	48.80 0.69 0.00	50.81 0.42 0.00	36.40 0.24 0.00	41.10 0.25 0.00
ATHENS_STG_3 23677	40.36 0.62 0.00	40.35 0.64 0.00	37.70 0.66 0.00	37.09 0.68 0.00	35.37 0.69 0.00	36.65 0.65 0.00	46.87 0.70 0.00	49.05 0.59 -0.04	46.39 0.54 0.00	47.65 0.52 0.00	55.00 0.37 0.00	50.48 0.44 0.00	51.79 0.44 0.00	51.88 0.45 0.00	51.23 0.51 0.00	48.58 0.94 -0.04	40.87 0.90 -0.42	46.88 0.99 -0.59	50.29 0.96 0.00	48.42 0.91 0.00	48.80 0.69 0.00	50.81 0.42 0.00	36.40 0.24 0.00	41.10 0.25 0.00
AUBURN___LFGE 323710	39.81 0.07 0.00	39.73 0.01 0.00	36.84 -0.20 0.00	36.10 -0.30 0.00	34.36 -0.32 0.00	35.75 -0.26 0.00	46.14 -0.03 0.00	48.46 0.04 0.00	45.94 0.11 0.00	47.34 0.21 0.00	55.16 0.53 0.00	50.44 0.41 0.00	51.81 0.45 0.00	52.03 0.61 0.00	51.75 1.03 0.00	48.48 0.88 0.00	40.88 1.03 -0.30	49.40 1.46 -2.64	54.13 1.78 -3.02	52.85 1.69 -3.66	53.78 1.72 -3.95	52.87 1.29 -1.19	36.91 0.74 0.00	41.41 0.56 0.00
BABYLON_RES_REC 323704	41.74 2.00 0.00	41.83 2.11 0.00	38.64 1.59 0.00	37.93 1.53 0.00	36.27 1.59 0.00	37.90 1.90 0.00	47.76 1.59 0.00	49.80 1.32 -0.06	47.44 1.59 -0.01	48.88 1.75 0.00	57.21 2.58 0.00	53.94 2.85 -1.06	53.77 2.41 0.00	53.55 2.12 0.00	52.43 1.72 0.00	33.47 2.37 16.50	36.32 2.31 5.54	49.11 2.64 -1.16	52.37 3.04 0.00	50.33 2.82 0.00	50.60 2.49 0.00	39.48 1.65 12.55	37.78 1.61 0.00	42.65 1.81 0.00
BALL_HILL_WT_PWR 323825	32.46 -0.80 6.48	30.40 -0.92 8.40	28.35 -1.41 7.28	32.16 -1.76 2.49	30.09 -1.89 2.70	30.20 -1.88 3.93	36.87 -1.58 7.71	36.98 -1.21 10.24	40.35 -1.18 4.31	35.82 -0.42 10.89	43.47 0.62 11.78	49.67 0.77 1.13	51.42 1.39 1.32	52.66 1.22 0.00	52.37 1.66 0.00	48.85 1.25 0.00	35.29 1.53 5.80	47.20 1.39 -0.50	50.27 1.64 0.70	42.08 1.80 7.22	46.54 1.65 3.22	50.18 1.27 1.48	32.50 0.96 4.62	37.15 1.01 4.71
BARON_WINDS___WT_PWR 323822	41.07 -0.89 -2.23	41.52 -1.09 -2.89	38.32 -1.23 -2.51	35.76 -1.50 -0.86	33.60 -2.01 -0.93	35.20 -2.16 -1.36	46.71 -2.12 -2.67	49.97 -2.06 -3.61	45.67 -1.70 -1.53	50.12 -1.14 -4.13	58.28 -0.42 -4.08	50.32 -0.10 -0.39	52.33 0.52 -0.46	51.57 0.14 0.00	51.09 0.38 0.00	47.86 0.27 0.00	42.43 0.71 -2.17	47.17 0.63 -1.24	52.60 1.31 -1.96	54.17 1.92 -4.75	53.43 1.91 -3.42	52.99 1.43 -1.17	38.59 0.83 -1.60	43.41 0.94 -1.63
BARRETT_IC_1 23704	41.38 1.64 0.00	41.38 1.66 0.00	38.32 1.27 0.00	37.64 1.24 0.00	35.98 1.30 0.00	37.53 1.53 0.00	47.42 1.26 0.00	49.51 1.04 -0.06	47.18 1.34 -0.01	48.62 1.49 0.00	56.71 2.08 0.00	53.42 2.34 -1.06	53.42 2.06 0.00	53.34 1.91 0.00	52.35 1.63 0.00	51.56 2.19 -1.78	44.43 2.11 -2.76	48.51 2.25 -0.94	51.86 2.53 0.00	49.87 2.37 0.00	50.31 2.20 0.00	53.07 1.44 -1.24	37.48 1.32 0.00	42.33 1.48 0.00
BARRETT_IC_10 23701	41.38 1.64 0.00	41.38 1.66 0.00	38.32 1.27 0.00	37.64 1.24 0.00	35.98 1.30 0.00	37.53 1.53 0.00	47.42 1.26 0.00	49.51 1.04 -0.06	47.18 1.34 -0.01	48.62 1.49 0.00	56.71 2.08 0.00	53.42 2.34 -1.06	53.42 2.06 0.00	53.34 1.91 0.00	52.35 1.63 0.00	51.56 2.19 -1.78	44.43 2.11 -2.76	48.51 2.25 -0.94	51.86 2.53 0.00	49.87 2.37 0.00	50.31 2.20 0.00	53.07 1.44 -1.24	37.48 1.32 0.00	42.33 1.48 0.00
BARRETT_IC_11 23702	41.38 1.64 0.00	41.38 1.66 0.00	38.32 1.27 0.00	37.64 1.24 0.00	35.98 1.30 0.00	37.53 1.53 0.00	47.42 1.26 0.00	49.51 1.04 -0.06	47.18 1.34 -0.01	48.62 1.49 0.00	56.71 2.08 0.00	53.42 2.34 -1.06	53.42 2.06 0.00	53.34 1.91 0.00	52.35 1.63 0.00	51.56 2.19 -1.78	44.43 2.11 -2.76	48.51 2.25 -0.94	51.86 2.53 0.00	49.87 2.37 0.00	50.31 2.20 0.00	53.07 1.44 -1.24	37.48 1.32 0.00	42.33 1.48 0.00
BARRETT_IC_12 23703	41.38 1.64 0.00	41.38 1.66 0.00	38.32 1.27 0.00	37.64 1.24 0.00	35.98 1.30 0.00	37.53 1.53 0.00	47.42 1.26 0.00	49.51 1.04 -0.06	47.18 1.34 -0.01	48.62 1.49 0.00	56.71 2.08 0.00	53.42 2.34 -1.06	53.42 2.06 0.00	53.34 1.91 0.00	52.35 1.63 0.00	51.56 2.19 -1.78	44.43 2.11 -2.76	48.51 2.25 -0.94	51.86 2.53 0.00	49.87 2.37 0.00	50.31 2.20 0.00	53.07 1.44 -1.24	37.48 1.32 0.00	42.33 1.48 0.00
BARRETT_IC_2 23705	41.38 1.64 0.00	41.38 1.66 0.00	38.32 1.27 0.00	37.64 1.24 0.00	35.98 1.30 0.00	37.53 1.53 0.00	47.42 1.26 0.00	49.51 1.04 -0.06	47.18 1.34 -0.01	48.62 1.49 0.00	56.71 2.08 0.00	53.42 2.34 -1.06	53.42 2.06 0.00	53.34 1.91 0.00	52.35 1.63 0.00	51.56 2.19 -1.78	44.43 2.11 -2.76	48.51 2.25 -0.94	51.86 2.53 0.00	49.87 2.37 0.00	50.31 2.20 0.00	53.07 1.44 -1.24	37.48 1.32 0.00	42.33 1.48 0.00
BARRETT_IC_3 23706	41.38 1.64 0.00	41.38 1.66 0.00	38.32 1.27 0.00	37.64 1.24 0.00	35.98 1.30 0.00	37.53 1.53 0.00	47.42 1.26 0.00	49.51 1.04 -0.06	47.18 1.34 -0.01	48.62 1.49 0.00	56.71 2.08 0.00	53.42 2.34 -1.06	53.42 2.06 0.00	53.34 1.91 0.00	52.35 1.63 0.00	51.56 2.19 -1.78	44.43 2.11 -2.76	48.51 2.25 -0.94	51.86 2.53 0.00	49.87 2.37 0.00	50.31 2.20 0.00	53.07 1.44 -1.24	37.48 1.32 0.00	42.33 1.48 0.00
BARRETT_IC_4 23707	41.38 1.64 0.00	41.38 1.66 0.00	38.32 1.27 0.00	37.64 1.24 0.00	35.98 1.30 0.00	37.53 1.53 0.00	47.42 1.26 0.00	49.51 1.04 -0.06	47.18 1.34 -0.01	48.62 1.49 0.00	56.71 2.08 0.00	53.42 2.34 -1.06	53.42 2.06 0.00	53.34 1.91 0.00	52.35 1.63 0.00	51.56 2.19 -1.78	44.43 2.11 -2.76	48.51 2.25 -0.94	51.86 2.53 0.00	49.87 2.37 0.00	50.31 2.20 0.00	53.07 1.44 -1.24	37.48 1.32 0.00	42.33 1.48 0.00
BARRETT_IC_5 23708	41.38 1.64 0.00	41.38 1.66 0.00	38.32 1.27 0.00	37.64 1.24 0.00	35.98 1.30 0.00	37.53 1.53 0.00	47.42 1.26 0.00	49.51 1.04 -0.06	47.18 1.34 -0.01	48.62 1.49 0.00	56.71 2.08 0.00	53.42 2.34 -1.06	53.42 2.06 0.00	53.34 1.91 0.00	52.35 1.63 0.00	51.56 2.19 -1.78	44.43 2.11 -2.76	48.51 2.25 -0.94	51.86 2.53 0.00	49.87 2.37 0.00	50.31 2.20 0.00	53.07 1.44 -1.24	37.48 1.32 0.00	42.33 1.48 0.00

BARRETT_IC_6 23709	41.38 1.64 0.00	41.38 1.66 0.00	38.32 1.27 0.00	37.64 1.24 0.00	35.98 1.30 0.00	37.53 1.53 0.00	47.42 1.26 0.00	49.51 1.04 -0.06	47.18 1.34 -0.01	48.62 1.49 0.00	56.71 2.08 0.00	53.42 2.34 -1.06	53.42 2.06 0.00	53.34 1.91 0.00	52.35 1.63 0.00	51.56 2.19 -1.78	44.43 2.11 -2.76	48.51 2.25 -0.94	51.86 2.53 0.00	49.87 2.37 0.00	50.31 2.20 0.00	53.07 1.44 -1.24	37.48 1.32 0.00	42.33 1.48 0.00
BARRETT_IC_7 23710	41.38 1.65 0.00	41.38 1.66 0.00	38.32 1.27 0.00	37.64 1.24 0.00	35.98 1.31 0.00	37.53 1.53 0.00	47.43 1.27 0.00	49.54 1.06 -0.06	47.19 1.35 -0.01	48.62 1.49 0.00	56.71 2.08 0.00	53.42 2.34 -1.05	53.43 2.07 0.00	53.33 1.90 0.00	52.35 1.63 0.00	51.63 2.26 -1.78	44.40 2.09 -2.76	48.51 2.26 -0.94	51.86 2.53 0.00	49.86 2.36 0.00	50.32 2.21 0.00	53.10 1.47 -1.24	37.48 1.32 0.00	42.33 1.48 0.00
BARRETT_IC_8 23711	41.38 1.64 0.00	41.38 1.66 0.00	38.32 1.27 0.00	37.64 1.24 0.00	35.98 1.30 0.00	37.53 1.53 0.00	47.42 1.26 0.00	49.51 1.04 -0.06	47.18 1.34 -0.01	48.62 1.49 0.00	56.71 2.08 0.00	53.42 2.34 -1.06	53.42 2.06 0.00	53.34 1.91 0.00	52.35 1.63 0.00	51.56 2.19 -1.78	44.43 2.11 -2.76	48.51 2.25 -0.94	51.86 2.53 0.00	49.87 2.37 0.00	50.31 2.20 0.00	53.07 1.44 -1.24	37.48 1.32 0.00	42.33 1.48 0.00
BARRETT_IC_9 23700	41.38 1.64 0.00	41.38 1.66 0.00	38.32 1.27 0.00	37.64 1.24 0.00	35.98 1.30 0.00	37.53 1.53 0.00	47.42 1.26 0.00	49.51 1.04 -0.06	47.18 1.34 -0.01	48.62 1.49 0.00	56.71 2.08 0.00	53.42 2.34 -1.06	53.42 2.06 0.00	53.34 1.91 0.00	52.35 1.63 0.00	51.56 2.19 -1.78	44.43 2.11 -2.76	48.51 2.25 -0.94	51.86 2.53 0.00	49.87 2.37 0.00	50.31 2.20 0.00	53.07 1.44 -1.24	37.48 1.32 0.00	42.33 1.48 0.00
BARRETT___1 23545	41.38 1.64 0.00	41.38 1.66 0.00	38.32 1.27 0.00	37.64 1.24 0.00	35.98 1.30 0.00	37.53 1.53 0.00	47.42 1.26 0.00	49.51 1.04 -0.06	47.18 1.34 -0.01	48.62 1.49 0.00	56.71 2.08 0.00	53.42 2.34 -1.06	53.42 2.06 0.00	53.34 1.91 0.00	52.35 1.63 0.00	51.56 2.19 -1.78	44.43 2.11 -2.76	48.51 2.25 -0.94	51.86 2.53 0.00	49.87 2.37 0.00	50.31 2.20 0.00	53.07 1.44 -1.24	37.48 1.32 0.00	42.33 1.48 0.00
BARRETT___2 23546	41.38 1.64 0.00	41.38 1.66 0.00	38.32 1.27 0.00	37.64 1.24 0.00	35.98 1.30 0.00	37.53 1.53 0.00	47.42 1.26 0.00	49.51 1.04 -0.06	47.18 1.34 -0.01	48.62 1.49 0.00	56.71 2.08 0.00	53.42 2.34 -1.06	53.42 2.06 0.00	53.34 1.91 0.00	52.35 1.63 0.00	51.56 2.19 -1.78	44.43 2.11 -2.76	48.51 2.25 -0.94	51.86 2.53 0.00	49.87 2.37 0.00	50.31 2.20 0.00	53.07 1.44 -1.24	37.48 1.32 0.00	42.33 1.48 0.00
BATAVIA___115KV_TB1 55881	40.02 0.28 0.00	40.15 0.43 0.00	36.86 -0.18 0.00	35.80 -0.60 0.00	33.99 -0.69 0.00	35.50 -0.50 0.00	46.29 0.13 0.00	48.94 0.52 0.00	46.21 0.37 0.00	47.88 0.75 0.00	55.85 1.22 0.00	51.52 1.49 0.00	53.50 2.15 0.00	53.55 2.12 0.00	53.47 2.76 0.00	49.61 2.02 0.00	41.96 2.40 0.00	47.37 2.06 0.00	52.10 2.77 0.00	50.74 3.24 0.00	51.12 3.01 0.00	52.95 2.56 0.00	38.07 1.91 0.00	42.86 2.02 0.00
BAYONEEC___CTG1 323682	41.14 1.41 0.00	40.96 1.24 0.00	38.14 1.09 0.00	37.50 1.10 0.00	35.79 1.12 0.00	37.22 1.21 0.00	47.60 1.43 0.00	49.97 1.49 -0.06	47.63 1.78 -0.01	49.06 1.93 0.00	56.49 1.87 0.00	52.92 1.90 -0.98	53.41 2.05 0.00	53.45 2.02 0.00	53.00 2.29 0.00	50.72 2.99 -0.13	44.30 2.72 -2.02	50.88 3.09 -2.47	52.44 3.11 0.00	50.52 3.01 0.00	50.66 2.55 0.00	52.37 1.98 0.00	37.47 1.31 0.00	42.36 1.52 0.00
BAYONEEC___CTG10 323750	41.14 1.41 0.00	40.96 1.24 0.00	38.14 1.09 0.00	37.50 1.10 0.00	35.79 1.12 0.00	37.22 1.21 0.00	47.60 1.43 0.00	49.97 1.49 -0.06	47.63 1.78 -0.01	49.06 1.93 0.00	56.49 1.87 0.00	52.92 1.90 -0.98	53.41 2.05 0.00	53.45 2.02 0.00	53.00 2.29 0.00	50.72 2.99 -0.13	44.30 2.72 -2.02	50.88 3.09 -2.47	52.44 3.11 0.00	50.52 3.01 0.00	50.66 2.55 0.00	52.37 1.98 0.00	37.47 1.31 0.00	42.36 1.52 0.00
BAYONEEC___CTG2 323683	41.14 1.41 0.00	40.96 1.24 0.00	38.14 1.09 0.00	37.50 1.10 0.00	35.79 1.12 0.00	37.22 1.21 0.00	47.60 1.43 0.00	49.97 1.49 -0.06	47.63 1.78 -0.01	49.06 1.93 0.00	56.49 1.87 0.00	52.92 1.90 -0.98	53.41 2.05 0.00	53.45 2.02 0.00	53.00 2.29 0.00	50.72 2.99 -0.13	44.30 2.72 -2.02	50.88 3.09 -2.47	52.44 3.11 0.00	50.52 3.01 0.00	50.66 2.55 0.00	52.37 1.98 0.00	37.47 1.31 0.00	42.36 1.52 0.00
BAYONEEC___CTG3 323684	41.14 1.41 0.00	40.96 1.24 0.00	38.14 1.09 0.00	37.50 1.10 0.00	35.79 1.12 0.00	37.22 1.21 0.00	47.60 1.43 0.00	49.97 1.49 -0.06	47.63 1.78 -0.01	49.06 1.93 0.00	56.49 1.87 0.00	52.92 1.90 -0.98	53.41 2.05 0.00	53.45 2.02 0.00	53.00 2.29 0.00	50.72 2.99 -0.13	44.30 2.72 -2.02	50.88 3.09 -2.47	52.44 3.11 0.00	50.52 3.01 0.00	50.66 2.55 0.00	52.37 1.98 0.00	37.47 1.31 0.00	42.36 1.52 0.00
BAYONEEC___CTG4 323685	41.14 1.41 0.00	40.96 1.24 0.00	38.14 1.09 0.00	37.50 1.10 0.00	35.79 1.12 0.00	37.22 1.21 0.00	47.60 1.43 0.00	49.97 1.49 -0.06	47.63 1.78 -0.01	49.06 1.93 0.00	56.49 1.87 0.00	52.92 1.90 -0.98	53.41 2.05 0.00	53.45 2.02 0.00	53.00 2.29 0.00	50.72 2.99 -0.13	44.30 2.72 -2.02	50.88 3.09 -2.47	52.44 3.11 0.00	50.52 3.01 0.00	50.66 2.55 0.00	52.37 1.98 0.00	37.47 1.31 0.00	42.36 1.52 0.00
BAYONEEC___CTG5 323686	41.14 1.41 0.00	40.96 1.24 0.00	38.14 1.09 0.00	37.50 1.10 0.00	35.79 1.12 0.00	37.22 1.21 0.00	47.60 1.43 0.00	49.97 1.49 -0.06	47.63 1.78 -0.01	49.06 1.93 0.00	56.49 1.87 0.00	52.92 1.90 -0.98	53.41 2.05 0.00	53.45 2.02 0.00	53.00 2.29 0.00	50.72 2.99 -0.13	44.30 2.72 -2.02	50.88 3.09 -2.47	52.44 3.11 0.00	50.52 3.01 0.00	50.66 2.55 0.00	52.37 1.98 0.00	37.47 1.31 0.00	42.36 1.52 0.00
BAYONEEC___CTG6 323687	41.14 1.41 0.00	40.96 1.24 0.00	38.14 1.09 0.00	37.50 1.10 0.00	35.79 1.12 0.00	37.22 1.21 0.00	47.60 1.43 0.00	49.97 1.49 -0.06	47.63 1.78 -0.01	49.06 1.93 0.00	56.49 1.87 0.00	52.92 1.90 -0.98	53.41 2.05 0.00	53.45 2.02 0.00	53.00 2.29 0.00	50.72 2.99 -0.13	44.30 2.72 -2.02	50.88 3.09 -2.47	52.44 3.11 0.00	50.52 3.01 0.00	50.66 2.55 0.00	52.37 1.98 0.00	37.47 1.31 0.00	42.36 1.52 0.00
BAYONEEC___CTG7 323688	41.14 1.41 0.00	40.96 1.24 0.00	38.14 1.09 0.00	37.50 1.10 0.00	35.79 1.12 0.00	37.22 1.21 0.00	47.60 1.43 0.00	49.97 1.49 -0.06	47.63 1.78 -0.01	49.06 1.93 0.00	56.49 1.87 0.00	52.92 1.90 -0.98	53.41 2.05 0.00	53.45 2.02 0.00	53.00 2.29 0.00	50.72 2.99 -0.13	44.30 2.72 -2.02	50.88 3.09 -2.47	52.44 3.11 0.00	50.52 3.01 0.00	50.66 2.55 0.00	52.37 1.98 0.00	37.47 1.31 0.00	42.36 1.52 0.00

BAYONEEC___CTG8 323689	41.14 1.41 0.00	40.96 1.24 0.00	38.14 1.09 0.00	37.50 1.10 0.00	35.79 1.12 0.00	37.22 1.21 0.00	47.60 1.43 0.00	49.97 1.49 -0.06	47.63 1.78 -0.01	49.06 1.93 0.00	56.49 1.87 0.00	52.92 1.90 -0.98	53.41 2.05 0.00	53.45 2.02 0.00	53.00 2.29 0.00	50.72 2.99 -0.13	44.30 2.72 -2.02	50.88 3.09 -2.47	52.44 3.11 0.00	50.52 3.01 0.00	50.66 2.55 0.00	52.37 1.98 0.00	37.47 1.31 0.00	42.36 1.52 0.00
BAYONEEC___CTG9 323749	41.14 1.41 0.00	40.96 1.24 0.00	38.14 1.09 0.00	37.50 1.10 0.00	35.79 1.12 0.00	37.22 1.21 0.00	47.60 1.43 0.00	49.97 1.49 -0.06	47.63 1.78 -0.01	49.06 1.93 0.00	56.49 1.87 0.00	52.92 1.90 -0.98	53.41 2.05 0.00	53.45 2.02 0.00	53.00 2.29 0.00	50.72 2.99 -0.13	44.30 2.72 -2.02	50.88 3.09 -2.47	52.44 3.11 0.00	50.52 3.01 0.00	50.66 2.55 0.00	52.37 1.98 0.00	37.47 1.31 0.00	42.36 1.52 0.00
BAYPORT_69_KV_BK 2 356364	42.31 2.57 0.00	42.53 2.82 0.00	39.17 2.12 0.00	38.42 2.01 0.00	36.74 2.07 0.00	38.50 2.50 0.00	48.26 2.10 0.00	50.26 1.78 -0.06	47.63 1.78 -0.01	49.08 1.95 0.00	57.62 2.99 0.00	54.52 3.44 -1.05	54.27 2.91 0.00	53.84 2.41 0.00	52.46 1.75 0.00	31.60 2.48 18.47	35.50 2.38 6.43	49.21 2.85 -1.06	52.81 3.48 0.00	50.64 3.14 0.00	50.92 2.81 0.00	38.13 1.79 14.04	38.14 1.98 0.00	43.04 2.20 0.00
BEACON___LESR 323632	40.55 0.81 0.00	40.48 0.76 0.00	37.81 0.77 0.00	37.21 0.81 0.00	35.51 0.84 0.00	36.82 0.82 0.00	47.08 0.92 0.00	49.71 0.97 -0.32	47.09 1.20 -0.04	47.99 0.86 0.00	54.93 0.30 0.00	50.21 0.18 0.00	51.58 0.22 0.00	51.59 0.16 0.00	50.55 -0.17 0.00	48.00 0.40 0.00	39.76 0.21 0.00	45.54 0.24 0.00	49.26 -0.07 0.00	47.49 -0.02 0.00	48.24 0.13 0.00	50.40 0.02 0.00	36.14 -0.02 0.00	40.70 -0.15 0.00
BEAVER RIVER___HYD 24048	41.17 1.43 0.00	41.09 1.37 0.00	38.32 1.28 0.00	37.64 1.24 0.00	35.91 1.24 0.00	37.43 1.43 0.00	47.99 1.83 0.00	50.33 1.90 0.00	47.51 1.67 0.00	47.63 0.50 0.00	56.17 1.54 0.00	51.34 1.31 0.00	52.78 1.42 0.00	52.68 1.25 0.00	51.91 1.20 0.00	48.25 0.65 0.00	40.56 0.90 -0.10	47.79 1.58 -0.90	52.87 2.37 -1.18	51.52 2.60 -1.43	52.31 2.66 -1.54	53.42 2.57 -0.46	37.76 1.60 0.00	42.41 1.56 0.00
BEEBEE_GT_13 23619	39.55 -0.18 0.00	39.61 -0.10 0.00	36.55 -0.49 0.00	35.63 -0.77 0.00	33.86 -0.81 0.00	35.31 -0.70 0.00	45.82 -0.34 0.00	48.31 -0.11 0.00	45.70 -0.14 0.00	47.42 0.30 0.00	55.73 1.11 0.00	51.25 1.21 0.00	53.08 1.72 0.00	53.32 1.89 0.00	52.92 2.21 0.00	49.53 1.93 0.00	41.52 1.96 0.00	47.19 1.88 0.00	51.55 2.22 0.00	49.71 2.21 0.00	50.08 1.98 0.00	51.97 1.58 0.00	37.33 1.17 0.00	42.06 1.22 0.00
BENSHRST_27_KV_BENSHRST_1 355998	41.70 1.96 0.00	41.43 1.72 0.00	38.45 1.41 0.00	37.79 1.39 0.00	36.07 1.39 0.00	37.51 1.50 0.00	48.00 1.84 0.00	50.40 1.92 -0.06	48.09 2.24 -0.01	49.46 2.34 0.00	56.97 2.35 0.00	53.45 2.44 -0.98	53.94 2.59 0.00	54.00 2.57 0.00	53.44 2.73 0.00	51.22 3.49 -0.13	44.76 3.18 -2.02	51.28 3.51 -2.47	52.90 3.57 0.00	51.03 3.53 0.00	51.16 3.06 0.00	52.96 2.57 0.00	37.87 1.71 0.00	42.75 1.90 0.00
BETHLEHEM___GRP 23843	39.89 0.15 0.00	39.92 0.20 0.00	37.31 0.27 0.00	36.73 0.33 0.00	35.04 0.37 0.00	36.33 0.32 0.00	46.29 0.13 0.00	48.84 0.11 -0.31	46.23 0.35 -0.04	47.24 0.11 0.00	54.02 -0.61 0.00	49.50 -0.54 0.00	50.66 -0.70 0.00	50.86 -0.57 0.00	49.82 -0.90 0.00	47.19 -0.41 0.00	39.13 -0.42 0.00	44.67 -0.64 0.00	48.48 -0.86 0.00	46.68 -0.82 0.00	47.45 -0.66 0.00	49.62 -0.77 0.00	35.68 -0.48 0.00	40.13 -0.71 0.00
BETHLEHEM___GS1 323560	39.88 0.14 0.00	39.92 0.20 0.00	37.31 0.27 0.00	36.72 0.32 0.00	35.04 0.37 0.00	36.32 0.31 0.00	46.29 0.13 0.00	48.84 0.11 -0.31	46.23 0.36 -0.04	47.24 0.11 0.00	54.02 -0.61 0.00	49.49 -0.54 0.00	50.67 -0.69 0.00	50.86 -0.57 0.00	49.81 -0.89 0.00	47.18 -0.42 0.00	39.13 -0.42 0.00	44.67 -0.64 0.00	48.48 -0.85 0.00	46.69 -0.81 0.00	47.45 -0.66 0.00	49.63 -0.76 0.00	35.68 -0.48 0.00	40.13 -0.72 0.00
BETHLEHEM___GS2 323561	39.88 0.14 0.00	39.92 0.20 0.00	37.31 0.27 0.00	36.72 0.32 0.00	35.04 0.37 0.00	36.32 0.31 0.00	46.29 0.13 0.00	48.84 0.11 -0.31	46.23 0.36 -0.04	47.24 0.11 0.00	54.02 -0.61 0.00	49.49 -0.54 0.00	50.67 -0.69 0.00	50.86 -0.57 0.00	49.81 -0.89 0.00	47.18 -0.42 0.00	39.13 -0.42 0.00	44.67 -0.64 0.00	48.48 -0.85 0.00	46.69 -0.81 0.00	47.45 -0.66 0.00	49.63 -0.76 0.00	35.68 -0.48 0.00	40.13 -0.72 0.00
BETHLEHEM___GS3 323562	39.88 0.14 0.00	39.92 0.20 0.00	37.31 0.27 0.00	36.72 0.32 0.00	35.04 0.37 0.00	36.32 0.31 0.00	46.29 0.13 0.00	48.84 0.11 -0.31	46.23 0.36 -0.04	47.24 0.11 0.00	54.02 -0.61 0.00	49.49 -0.54 0.00	50.67 -0.69 0.00	50.86 -0.57 0.00	49.81 -0.89 0.00	47.18 -0.42 0.00	39.13 -0.42 0.00	44.67 -0.64 0.00	48.48 -0.85 0.00	46.69 -0.81 0.00	47.45 -0.66 0.00	49.63 -0.76 0.00	35.68 -0.48 0.00	40.13 -0.72 0.00
BETHLEHEM___STEEL 23779	39.00 -0.74 0.00	39.06 -0.65 0.00	35.84 -1.21 0.00	34.80 -1.60 0.00	32.96 -1.72 0.00	34.35 -1.66 0.00	44.77 -1.39 0.00	47.27 -1.16 0.00	44.72 -1.12 0.00	46.76 -0.37 0.00	55.24 0.61 0.00	50.81 0.78 0.00	52.87 1.52 0.00	52.90 1.48 0.00	52.63 1.91 0.00	49.07 1.47 0.00	41.28 1.68 -0.05	47.01 1.27 -0.44	51.36 1.54 -0.49	49.84 1.74 -0.59	50.28 1.53 -0.64	51.70 1.12 -0.19	37.19 1.02 0.00	42.00 1.15 0.00
BETHLHEM_115KV_TB1 79974	39.96 0.23 0.00	40.00 0.28 0.00	37.39 0.34 0.00	36.79 0.39 0.00	35.09 0.42 0.00	36.37 0.37 0.00	46.38 0.22 0.00	48.92 0.20 -0.29	46.25 0.37 -0.04	47.30 0.17 0.00	54.18 -0.45 0.00	49.64 -0.39 0.00	50.82 -0.53 0.00	51.00 -0.43 0.00	50.02 -0.69 0.00	47.36 -0.23 0.00	39.29 -0.27 0.00	44.87 -0.44 0.00	48.72 -0.61 0.00	46.91 -0.59 0.00	47.63 -0.48 0.00	49.79 -0.60 0.00	35.78 -0.39 0.00	40.28 -0.57 0.00
BETHPAGE_CC_5 323564	41.52 1.78 0.00	41.56 1.85 0.00	38.43 1.39 0.00	37.74 1.34 0.00	36.09 1.41 0.00	37.68 1.68 0.00	47.56 1.40 0.00	49.70 1.22 -0.06	47.39 1.54 -0.01	48.81 1.68 0.00	57.07 2.44 0.00	53.76 2.67 -1.06	53.57 2.21 0.00	53.35 1.91 0.00	52.29 1.57 0.00	34.81 2.24 15.03	36.80 2.12 4.87	48.97 2.42 -1.24	52.07 2.74 0.00	50.04 2.54 0.00	50.33 2.22 0.00	40.35 1.41 11.44	37.55 1.38 0.00	42.46 1.61 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	39.07 -0.67 0.00	39.13 -0.59 0.00	35.90 -1.14 0.00	34.86 -1.54 0.00	33.02 -1.66 0.00	34.42 -1.59 0.00	44.86 -1.30 0.00	47.37 -1.05 0.00	44.86 -0.98 0.00	46.91 -0.22 0.00	55.41 0.78 0.00	50.92 0.89 0.00	53.00 1.65 0.00	53.06 1.63 0.00	52.78 2.07 0.00	49.19 1.59 0.00	41.38 1.78 -0.05	47.14 1.37 -0.46	51.52 1.67 -0.51	50.01 1.89 -0.62	50.45 1.67 -0.67	51.84 1.26 -0.20	37.29 1.13 0.00	42.10 1.26 0.00

BINGHAMTON___COGEN 23790	39.67 -0.06 0.00	39.56 -0.16 0.00	36.84 -0.20 0.00	36.13 -0.27 0.00	34.39 -0.29 0.00	35.68 -0.32 0.00	45.99 -0.17 0.00	48.33 -0.11 -0.01	45.86 0.02 0.00	47.26 0.13 0.00	55.08 0.46 0.00	50.48 0.45 0.00	52.01 0.66 0.00	52.04 0.61 0.00	51.43 0.72 0.00	48.38 0.78 0.00	40.74 0.93 -0.25	48.68 1.17 -2.20	53.39 1.36 -2.70	52.27 1.49 -3.27	52.97 1.34 -3.53	52.36 0.91 -1.06	36.57 0.41 0.00	41.25 0.41 0.00
BIXINCNT_115KV_LOAD 355685	39.30 -0.44 0.00	39.11 -0.61 0.00	36.02 -1.02 0.00	35.02 -1.38 0.00	33.21 -1.47 0.00	34.57 -1.44 0.00	45.02 -1.14 0.00	47.55 -0.87 0.00	45.26 -0.57 0.00	47.10 -0.02 0.00	55.63 1.01 0.00	50.91 0.88 0.00	52.69 1.33 0.00	53.13 1.70 0.00	52.80 2.09 0.00	48.79 1.19 0.00	41.17 1.54 -0.08	47.33 1.36 -0.66	52.08 1.98 -0.77	50.87 2.44 -0.93	51.33 2.21 -1.00	52.41 1.73 -0.30	37.54 1.38 0.00	42.38 1.54 0.00
BLACK RIVER___HYD 24047	41.49 1.75 0.00	41.36 1.64 0.00	38.56 1.52 0.00	37.84 1.43 0.00	36.13 1.45 0.00	37.66 1.66 0.00	48.33 2.17 0.00	50.78 2.35 0.00	47.94 2.10 0.00	47.83 0.70 0.00	56.70 2.07 0.00	51.92 1.89 0.00	53.40 2.04 0.00	53.19 1.76 0.00	52.47 1.77 0.00	48.66 1.06 0.00	41.28 1.56 -0.17	49.19 2.41 -1.48	54.72 3.47 -1.92	53.55 3.73 -2.32	54.37 3.76 -2.51	54.74 3.60 -0.75	38.23 2.06 0.00	42.79 1.95 0.00
BLACKRVR_115KV_TB2 79977	41.49 1.75 0.00	41.36 1.64 0.00	38.56 1.52 0.00	37.84 1.43 0.00	36.13 1.45 0.00	37.66 1.66 0.00	48.34 2.17 0.00	50.78 2.35 0.00	47.93 2.09 0.00	47.83 0.70 0.00	56.70 2.07 0.00	51.92 1.89 0.00	53.40 2.05 0.00	53.19 1.76 0.00	52.48 1.77 0.00	48.66 1.06 0.00	41.28 1.56 -0.17	49.20 2.41 -1.48	54.71 3.47 -1.92	53.56 3.73 -2.32	54.37 3.76 -2.51	54.74 3.60 -0.75	38.23 2.06 0.00	42.79 1.95 0.00
BLISS_WT_PWR 323608	31.08 -0.53 8.13	28.52 -0.65 10.54	26.85 -1.06 9.13	31.85 -1.43 3.12	29.78 -1.51 3.39	29.58 -1.49 4.93	35.29 -1.20 9.68	34.69 -0.89 12.84	39.78 -0.64 5.42	33.35 -0.06 13.71	40.75 0.93 14.81	49.43 0.82 1.42	50.94 1.25 1.66	53.09 1.66 0.00	52.78 2.07 0.00	48.73 1.13 0.00	33.74 1.47 7.28	47.28 1.31 -0.66	50.45 1.94 0.83	40.84 2.34 9.00	46.37 2.23 3.97	50.28 1.72 1.83	31.74 1.38 5.80	36.48 1.55 5.91
BLUESTONE___WT_PWR 323821	43.35 1.62 -1.99	43.79 1.49 -2.58	40.59 1.31 -2.24	38.41 1.24 -0.77	36.71 1.18 -0.85	38.55 1.31 -1.24	50.60 2.01 -2.43	53.48 1.83 -3.23	48.94 1.75 -1.36	51.76 1.29 -3.34	60.54 2.20 -3.72	52.80 2.41 -0.36	54.23 2.45 -0.42	53.97 2.54 0.00	53.33 2.62 0.00	50.34 2.74 0.00	44.32 2.71 -2.06	50.52 3.34 -1.87	55.99 3.93 -2.73	57.13 4.07 -5.56	56.38 3.89 -4.38	55.26 3.44 -1.43	39.73 2.10 -1.46	44.49 2.16 -1.49
BLUE_CIRC_CHEM_DRP 24182	40.45 0.72 0.00	40.49 0.77 0.00	37.84 0.80 0.00	37.23 0.84 0.00	35.50 0.83 0.00	36.79 0.78 0.00	47.01 0.84 0.00	49.43 0.78 -0.23	46.56 0.70 -0.03	47.69 0.56 0.00	54.73 0.10 0.00	50.02 -0.01 0.00	50.60 -0.75 0.00	50.54 -0.89 0.00	49.66 -1.05 0.00	46.94 -0.68 -0.03	39.15 -0.60 -0.20	44.52 -0.79 0.00	48.42 -0.91 0.00	46.65 -0.86 0.00	47.29 -0.82 0.00	49.44 -0.95 0.00	35.48 -0.69 0.00	40.32 -0.52 0.00
BOC_GAS_DRP 24189	40.14 0.40 0.00	40.15 0.44 0.00	37.52 0.48 0.00	36.91 0.51 0.00	35.19 0.51 0.00	36.47 0.46 0.00	46.60 0.44 0.00	48.99 0.36 -0.21	46.19 0.32 -0.03	47.39 0.27 0.00	54.56 -0.06 0.00	50.02 -0.01 0.00	51.26 -0.10 0.00	51.38 -0.05 0.00	50.57 -0.14 0.00	47.84 0.22 -0.03	39.94 0.19 -0.20	45.44 0.13 0.00	49.37 0.04 0.00	47.55 0.04 0.00	48.11 0.00 0.00	50.24 -0.15 0.00	36.04 -0.12 0.00	40.68 -0.17 0.00
BOONVILLE_115KV_TB1 79983	40.93 1.20 0.00	40.86 1.14 0.00	38.06 1.02 0.00	37.39 0.99 0.00	35.65 0.98 0.00	37.12 1.11 0.00	47.61 1.45 0.00	49.97 1.54 0.00	47.30 1.46 0.00	48.01 0.88 0.00	56.16 1.53 0.00	51.25 1.22 0.00	52.79 1.43 0.00	52.84 1.42 0.00	52.13 1.42 0.00	48.80 1.21 0.00	40.75 1.14 -0.05	47.43 1.72 -0.40	52.01 2.13 -0.54	50.34 2.19 -0.65	50.97 2.15 -0.70	52.61 2.01 -0.21	37.41 1.25 0.00	42.10 1.26 0.00
BORALEX_4TH_BRANCH 23824	41.43 1.69 0.00	41.66 1.94 0.00	38.95 1.90 0.00	38.31 1.91 0.00	36.51 1.84 0.00	37.80 1.80 0.00	48.20 2.04 0.00	50.92 2.06 -0.43	48.15 2.26 -0.06	49.22 2.09 0.00	55.63 1.01 0.00	50.96 0.93 0.00	52.12 0.76 0.00	52.37 0.94 0.00	50.78 0.07 0.00	48.04 0.44 0.00	39.43 -0.12 0.00	45.07 -0.23 0.00	48.91 -0.42 0.00	47.11 -0.39 0.00	48.47 0.36 0.00	50.98 0.59 0.00	36.58 0.42 0.00	41.17 0.32 0.00
BOWLINE___1 23526	40.65 0.91 0.00	40.47 0.75 0.00	37.76 0.71 0.00	37.14 0.74 0.00	35.44 0.77 0.00	36.82 0.81 0.00	47.03 0.87 0.00	49.32 0.84 -0.05	46.90 1.06 -0.01	48.29 1.16 0.00	55.84 1.21 0.00	50.70 1.42 0.75	52.89 1.54 0.00	53.04 1.61 0.00	52.52 1.81 0.00	50.13 2.34 -0.19	43.74 2.20 -1.98	51.13 2.53 -3.29	51.93 2.60 0.00	50.00 2.50 0.00	50.20 2.09 0.00	51.97 1.58 0.00	37.14 0.97 0.00	41.96 1.11 0.00
BOWLINE___2 23595	40.62 0.88 0.00	40.44 0.72 0.00	37.74 0.70 0.00	37.13 0.73 0.00	35.43 0.76 0.00	36.80 0.80 0.00	46.98 0.82 0.00	49.24 0.77 -0.05	46.82 0.97 -0.01	48.21 1.08 0.00	55.75 1.13 0.00	50.62 1.34 0.75	52.81 1.45 0.00	52.96 1.53 0.00	52.45 1.74 0.00	50.04 2.25 -0.19	43.69 2.16 -1.98	51.06 2.47 -3.28	51.87 2.53 0.00	49.93 2.43 0.00	50.12 2.01 0.00	51.88 1.50 0.00	37.10 0.94 0.00	41.96 1.11 0.00
BRADY___115KV_TB2 356060	40.56 0.83 0.00	40.53 0.81 0.00	37.88 0.83 0.00	37.30 0.90 0.00	35.50 0.82 0.00	36.92 0.92 0.00	47.49 1.33 0.00	49.62 1.20 0.00	46.80 0.96 0.00	47.88 0.75 0.00	55.41 0.78 0.00	50.52 0.48 0.00	51.51 0.16 0.00	51.43 0.00 0.00	50.54 -0.17 0.00	46.78 -0.81 0.00	38.95 -0.61 0.00	44.74 -0.57 0.00	48.97 -0.36 0.00	47.26 -0.24 0.00	48.26 0.15 0.00	50.88 0.49 0.00	36.86 0.70 0.00	41.87 1.02 0.00
BRANSCOMB___SOLAR 323811	41.47 1.73 0.00	41.50 1.79 0.00	38.71 1.67 0.00	38.07 1.67 0.00	36.23 1.56 0.00	37.65 1.64 0.00	48.23 2.07 0.00	51.18 2.21 -0.54	48.16 2.25 -0.07	49.23 2.10 0.00	56.27 1.65 0.00	51.43 1.40 0.00	52.67 1.32 0.00	52.78 1.35 0.00	51.59 0.88 0.00	48.78 1.18 0.00	40.58 1.02 0.00	46.55 1.25 0.00	50.80 1.46 0.00	49.01 1.51 0.00	49.86 1.75 0.00	52.20 1.81 0.00	37.34 1.18 0.00	42.01 1.17 0.00
BRDGHMPT_69_KV_BK1 55812	43.16 3.42 0.00	43.56 3.85 0.00	39.98 2.93 0.00	39.24 2.84 0.00	37.54 2.86 0.00	39.42 3.42 0.00	49.18 3.01 0.00	51.18 2.70 -0.06	48.23 2.39 -0.01	49.44 2.31 0.00	57.93 3.31 0.00	54.84 3.75 -1.05	54.25 2.89 0.00	53.49 2.06 0.00	52.05 1.34 0.00	30.98 2.16 18.78	35.15 2.17 6.57	49.19 2.84 -1.03	53.02 3.69 0.00	50.56 3.05 0.00	50.58 2.47 0.00	37.18 1.06 14.27	38.12 1.95 0.00	43.26 2.41 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	41.93 2.20 0.00	42.12 2.40 0.00	38.86 1.82 0.00	38.13 1.73 0.00	36.48 1.80 0.00	38.15 2.15 0.00	47.94 1.78 0.00	49.76 1.28 -0.06	47.31 1.46 -0.01	48.73 1.60 0.00	57.15 2.52 0.00	53.99 2.90 -1.05	53.72 2.37 0.00	53.41 1.98 0.00	52.25 1.54 0.00	31.45 2.26 18.40	35.17 2.02 6.40	48.70 2.33 -1.06	52.12 2.78 0.00	50.15 2.65 0.00	50.61 2.50 0.00	38.00 1.60 13.99	37.89 1.73 0.00	42.80 1.96 0.00
BRISTLHL_115KV_TB1 79998	38.89 -0.84 0.00	38.86 -0.86 0.00	36.17 -0.87 0.00	35.48 -0.92 0.00	33.78 -0.90 0.00	35.13 -0.88 0.00	45.19 -0.97 0.00	47.47 -0.96 0.00	44.97 -0.87 0.00	46.27 -0.85 0.00	53.81 -0.81 0.00	49.14 -0.90 0.00	50.57 -0.78 0.00	50.72 -0.71 0.00	50.10 -0.61 0.00	47.12 -0.48 0.00	39.73 -0.23 -0.42	48.55 -0.35 -3.59	53.66 -0.25 -4.58	52.90 -0.16 -5.55	53.85 -0.25 -5.98	51.75 -0.44 -1.80	35.77 -0.39 0.00	40.32 -0.52 0.00
BROOKHAVEN___DRP 24191	41.92 2.18 0.00	42.24 2.52 0.00	38.84 1.80 0.00	38.11 1.71 0.00	36.46 1.78 0.00	38.25 2.25 0.00	47.74 1.58 0.00	49.68 1.20 -0.06	46.94 1.10 -0.01	48.32 1.19 0.00	56.69 2.07 0.00	53.61 2.53 -1.05	53.30 1.95 0.00	52.84 1.41 0.00	51.58 0.87 0.00	30.51 1.70 18.79	34.67 1.69 6.58	48.33 1.99 -1.03	52.00 2.67 0.00	49.84 2.33 0.00	50.07 1.96 0.00	36.94 0.83 14.28	37.61 1.45 0.00	42.49 1.65 0.00
BROOKLYN_NAVY_YARD 23515	41.09 1.36 0.00	40.91 1.19 0.00	38.10 1.05 0.00	37.46 1.06 0.00	35.76 1.08 0.00	37.15 1.15 0.00	47.53 1.37 0.00	49.91 1.43 -0.06	47.58 1.74 -0.01	49.03 1.90 0.00	56.45 1.83 0.00	52.90 1.89 -0.98	53.44 2.08 0.00	53.45 2.02 0.00	53.01 2.30 0.00	50.72 2.99 -0.13	44.31 2.73 -2.02	50.90 3.12 -2.47	52.45 3.12 0.00	50.54 3.04 0.00	50.64 2.53 0.00	52.33 1.95 0.00	37.45 1.29 0.00	42.30 1.45 0.00
BROOKLYN___ARMY_DRP 323595	41.43 1.70 0.00	41.19 1.47 0.00	38.23 1.19 0.00	37.58 1.18 0.00	35.88 1.20 0.00	37.30 1.29 0.00	47.69 1.53 0.00	50.08 1.60 -0.06	47.76 1.92 -0.01	49.13 2.00 0.00	56.54 1.92 0.00	53.06 2.05 -0.98	53.53 2.18 0.00	53.58 2.16 0.00	53.03 2.32 0.00	50.80 3.07 -0.13	44.41 2.83 -2.02	50.88 3.10 -2.47	52.46 3.13 0.00	50.61 3.11 0.00	50.73 2.63 0.00	52.53 2.15 0.00	37.59 1.43 0.00	42.45 1.61 0.00
BROOME_2_LFGE 323671	42.51 -0.07 -2.85	43.25 -0.16 -3.69	40.05 -0.19 -3.20	37.23 -0.27 -1.09	35.58 -0.29 -1.20	37.42 -0.33 -1.74	49.40 -0.17 -3.41	52.89 0.02 -4.57	47.78 0.13 -1.92	52.21 0.46 -4.96	60.30 0.45 -5.21	50.99 0.45 -0.50	52.60 0.66 -0.58	52.03 0.60 0.00	51.44 0.72 0.00	48.37 0.78 0.00	43.33 0.93 -2.85	48.68 1.17 -2.20	54.01 1.35 -3.32	56.12 1.48 -7.14	54.91 1.34 -5.46	53.11 0.91 -1.81	38.62 0.41 -2.05	43.35 0.42 -2.09
BROOME___LFGE 323600	42.51 -0.07 -2.85	43.25 -0.16 -3.69	40.05 -0.19 -3.20	37.23 -0.27 -1.09	35.58 -0.29 -1.20	37.42 -0.33 -1.74	49.40 -0.17 -3.41	52.89 0.02 -4.57	47.78 0.13 -1.92	52.21 0.46 -4.96	60.30 0.45 -5.21	50.99 0.45 -0.50	52.60 0.66 -0.58	52.03 0.60 0.00	51.44 0.72 0.00	48.37 0.78 0.00	43.33 0.93 -2.85	48.68 1.17 -2.20	54.01 1.35 -3.32	56.12 1.48 -7.14	54.91 1.34 -5.46	53.11 0.91 -1.81	38.62 0.41 -2.05	43.35 0.42 -2.09
BROWNFLS_115KV_TB 3_5 80003	40.53 0.80 0.00	40.49 0.77 0.00	37.80 0.76 0.00	37.19 0.79 0.00	35.44 0.76 0.00	36.89 0.89 0.00	47.34 1.18 0.00	49.57 1.15 0.00	46.79 0.95 0.00	47.51 0.39 0.00	55.50 0.87 0.00	50.63 0.60 0.00	51.68 0.33 0.00	51.58 0.15 0.00	50.72 0.01 0.00	46.86 -0.73 0.00	39.08 -0.53 -0.06	45.37 -0.41 -0.48	49.87 -0.08 -0.63	48.35 0.09 -0.76	49.39 0.46 -0.82	51.34 0.71 -0.25	36.86 0.70 0.00	41.77 0.92 0.00
BROWNSV1_27_KV_LOAD 356125	41.51 1.77 0.00	41.32 1.60 0.00	38.46 1.41 0.00	37.82 1.42 0.00	36.10 1.42 0.00	37.53 1.53 0.00	48.02 1.86 0.00	50.44 1.96 -0.06	48.06 2.21 -0.01	49.52 2.39 0.00	57.05 2.42 0.00	53.43 2.42 -0.98	53.92 2.57 0.00	53.97 2.54 0.00	53.51 2.80 0.00	51.20 3.47 -0.13	44.72 3.14 -2.02	51.36 3.59 -2.47	52.97 3.63 0.00	51.02 3.51 0.00	51.17 3.06 0.00	52.88 2.49 0.00	37.82 1.66 0.00	42.74 1.90 0.00
BURROWS___LYONSDAL 23803	40.99 1.25 0.00	40.92 1.20 0.00	38.13 1.09 0.00	37.45 1.06 0.00	35.72 1.05 0.00	37.20 1.19 0.00	47.70 1.54 0.00	50.03 1.61 0.00	47.32 1.48 0.00	47.84 0.72 0.00	56.14 1.52 0.00	51.26 1.23 0.00	52.80 1.45 0.00	52.82 1.39 0.00	52.09 1.38 0.00	48.71 1.11 0.00	40.70 1.09 -0.06	47.50 1.70 -0.50	52.21 2.21 -0.66	50.62 2.31 -0.80	51.27 2.30 -0.87	52.79 2.14 -0.26	37.50 1.34 0.00	42.17 1.32 0.00
CAITHNESS_CC_1 323624	41.79 2.06 0.00	42.09 2.37 0.00	38.73 1.69 0.00	38.01 1.61 0.00	36.36 1.69 0.00	38.12 2.11 0.00	47.65 1.49 0.00	49.57 1.09 -0.06	46.91 1.06 -0.01	48.29 1.16 0.00	56.65 2.02 0.00	53.58 2.49 -1.06	53.26 1.91 0.00	52.84 1.41 0.00	51.57 0.86 0.00	30.42 1.62 18.80	34.65 1.67 6.58	48.28 1.94 -1.03	51.87 2.54 0.00	49.75 2.24 0.00	49.98 1.87 0.00	36.90 0.79 14.28	37.56 1.39 0.00	42.43 1.58 0.00
CALPINE BETH_PAGE_GT4 24209	41.50 1.76 0.00	41.53 1.81 0.00	38.42 1.38 0.00	37.73 1.32 0.00	36.06 1.39 0.00	37.65 1.65 0.00	47.56 1.40 0.00	49.59 1.11 -0.06	47.26 1.42 -0.01	48.69 1.56 0.00	56.90 2.27 0.00	53.59 2.50 -1.05	53.44 2.09 0.00	53.26 1.83 0.00	52.22 1.51 0.00	36.49 2.25 13.36	37.53 2.09 4.11	49.05 2.40 -1.34	52.03 2.70 0.00	50.01 2.51 0.00	50.31 2.20 0.00	41.61 1.40 10.18	37.50 1.34 0.00	42.49 1.64 0.00
CALPINE_BETH_PAGE_GT_4 323586	41.50 1.76 0.00	41.52 1.81 0.00	38.42 1.37 0.00	37.72 1.32 0.00	36.06 1.39 0.00	37.65 1.64 0.00	47.55 1.39 0.00	49.58 1.10 -0.06	47.26 1.42 -0.01	48.68 1.55 0.00	56.88 2.25 0.00	53.59 2.50 -1.06	53.45 2.09 0.00	53.26 1.84 0.00	52.22 1.51 0.00	36.44 2.20 13.36	37.55 2.10 4.11	49.06 2.41 -1.34	52.03 2.70 0.00	50.02 2.51 0.00	50.31 2.20 0.00	41.59 1.39 10.18	37.50 1.33 0.00	42.48 1.63 0.00
CALPINE_BP_GT1 23823	41.50 1.76 0.00	41.52 1.81 0.00	38.42 1.37 0.00	37.72 1.32 0.00	36.06 1.39 0.00	37.65 1.64 0.00	47.55 1.39 0.00	49.58 1.10 -0.06	47.26 1.42 -0.01	48.68 1.55 0.00	56.88 2.25 0.00	53.59 2.50 -1.06	53.45 2.09 0.00	53.26 1.84 0.00	52.22 1.51 0.00	36.44 2.20 13.36	37.55 2.10 4.11	49.06 2.41 -1.34	52.03 2.70 0.00	50.02 2.51 0.00	50.31 2.20 0.00	41.59 1.39 10.18	37.50 1.33 0.00	42.48 1.63 0.00
CALSPAN___DRP 24200	39.00 -0.74 0.00	39.06 -0.65 0.00	35.84 -1.21 0.00	34.80 -1.60 0.00	32.96 -1.72 0.00	34.35 -1.66 0.00	44.77 -1.39 0.00	47.27 -1.16 0.00	44.72 -1.12 0.00	46.76 -0.37 0.00	55.24 0.61 0.00	50.81 0.78 0.00	52.87 1.52 0.00	52.90 1.48 0.00	52.63 1.91 0.00	49.07 1.47 0.00	41.28 1.68 -0.05	47.01 1.27 -0.44	51.36 1.54 -0.49	49.84 1.74 -0.59	50.28 1.53 -0.64	51.70 1.12 -0.19	37.19 1.02 0.00	42.00 1.15 0.00

CALVERTON___SOLAR 323806	42.08 2.35 0.00	42.44 2.72 0.00	38.99 1.95 0.00	38.26 1.86 0.00	36.60 1.92 0.00	38.42 2.41 0.00	47.89 1.73 0.00	49.83 1.35 -0.06	47.04 1.20 -0.01	48.41 1.28 0.00	56.81 2.18 0.00	53.73 2.64 -1.06	53.38 2.03 0.00	52.93 1.50 0.00	51.62 0.91 0.00	30.47 1.66 18.78	34.74 1.76 6.58	48.43 2.09 -1.03	52.15 2.82 0.00	49.98 2.47 0.00	50.17 2.06 0.00	36.93 0.82 14.27	37.69 1.52 0.00	42.58 1.74 0.00
CANDIGU_WT_PWR 323617	41.07 -0.89 -2.23	41.52 -1.09 -2.89	38.32 -1.23 -2.51	35.76 -1.50 -0.86	33.60 -2.01 -0.93	35.20 -2.16 -1.36	46.71 -2.12 -2.67	49.97 -2.06 -3.61	45.67 -1.70 -1.53	50.12 -1.14 -4.13	58.28 -0.42 -4.08	50.32 -0.10 -0.39	52.33 0.52 -0.46	51.57 0.14 0.00	51.09 0.38 0.00	47.86 0.27 0.00	42.43 0.71 -2.17	47.17 0.63 -1.24	52.60 1.31 -1.96	54.17 1.92 -4.75	53.43 1.91 -3.42	52.99 1.43 -1.17	38.59 0.83 -1.60	43.41 0.94 -1.63
CARR STREET_E_SYR 24060	39.16 -0.57 0.00	39.12 -0.60 0.00	36.40 -0.64 0.00	35.69 -0.71 0.00	33.99 -0.68 0.00	35.35 -0.65 0.00	45.48 -0.68 0.00	47.82 -0.61 0.00	45.28 -0.55 0.00	46.69 -0.44 0.00	54.32 -0.30 0.00	49.76 -0.28 0.00	51.15 -0.20 0.00	51.26 -0.16 0.00	50.69 -0.02 0.00	47.60 0.00 0.00	39.70 0.09 -0.06	45.83 0.03 -0.49	50.17 0.10 -0.73	48.54 0.14 -0.89	49.20 0.13 -0.96	50.66 -0.01 -0.29	36.06 -0.10 0.00	40.66 -0.19 0.00
CARTHAGE___PAPER 23857	41.55 1.81 0.00	41.49 1.77 0.00	38.69 1.65 0.00	37.99 1.59 0.00	36.27 1.59 0.00	37.82 1.81 0.00	48.52 2.36 0.00	50.94 2.51 0.00	48.08 2.24 0.00	48.06 0.92 0.00	56.63 2.00 0.00	51.85 1.81 0.00	53.29 1.94 0.00	53.14 1.71 0.00	52.37 1.66 0.00	48.61 1.01 0.00	41.08 1.38 -0.15	48.80 2.24 -1.25	54.19 3.22 -1.63	52.93 3.45 -1.98	53.74 3.50 -2.13	54.41 3.38 -0.64	38.22 2.06 0.00	42.86 2.01 0.00
CASSADAGA_WT_PWR 323784	31.64 -0.50 7.60	28.50 -1.36 9.85	26.67 -1.84 8.54	31.46 -2.03 2.92	29.21 -2.30 3.17	29.12 -2.28 4.61	35.52 -1.60 9.04	35.63 -0.79 12.00	40.25 -0.53 5.06	34.74 0.40 12.78	42.54 1.73 13.82	50.44 1.74 1.33	51.93 2.12 1.55	53.11 1.68 0.00	52.86 2.15 0.00	49.30 1.70 0.00	34.74 1.99 6.80	48.32 2.40 -0.62	51.33 2.77 0.77	41.89 2.79 8.41	47.04 2.64 3.71	51.12 2.45 1.71	32.40 1.66 5.42	36.78 1.46 5.52
CE_DUNWOOD___DRP 24194	41.05 1.31 0.00	40.89 1.17 0.00	38.09 1.05 0.00	37.46 1.06 0.00	35.75 1.08 0.00	37.16 1.15 0.00	47.50 1.34 0.00	49.83 1.35 -0.06	47.41 1.57 -0.01	48.82 1.69 0.00	56.35 1.72 0.00	52.90 1.81 -1.06	53.24 1.89 0.00	53.29 1.86 0.00	52.76 2.05 0.00	50.38 2.66 -0.13	44.11 2.45 -2.10	50.62 2.79 -2.53	52.18 2.85 0.00	50.23 2.72 0.00	50.42 2.31 0.00	52.15 1.76 0.00	37.33 1.17 0.00	42.19 1.34 0.00
CE_MILLWOOD___DRP 24193	40.88 1.14 0.00	40.72 1.01 0.00	37.95 0.91 0.00	37.34 0.94 0.00	35.63 0.96 0.00	37.02 1.02 0.00	47.32 1.16 0.00	49.63 1.16 -0.06	47.21 1.37 -0.01	48.59 1.46 0.00	56.13 1.50 0.00	55.13 1.62 -3.48	53.07 1.71 0.00	53.16 1.73 0.00	52.61 1.90 0.00	50.23 2.48 -0.15	45.32 2.32 -3.45	51.39 2.64 -3.44	52.03 2.70 0.00	50.10 2.59 0.00	50.29 2.18 0.00	52.04 1.66 0.00	37.23 1.07 0.00	42.06 1.21 0.00
CE_NYC2_DRP 24202	41.26 1.52 0.00	41.05 1.34 0.00	38.19 1.15 0.00	37.56 1.16 0.00	35.85 1.18 0.00	37.28 1.27 0.00	47.66 1.50 0.00	50.00 1.52 -0.06	47.69 1.84 -0.01	49.07 1.94 0.00	56.46 1.83 0.00	52.93 1.92 -0.98	53.35 1.99 0.00	53.40 1.97 0.00	52.89 2.18 0.00	50.62 2.90 -0.13	44.26 2.68 -2.02	50.77 3.00 -2.47	52.28 2.95 0.00	50.38 2.88 0.00	50.47 2.37 0.00	52.23 1.85 0.00	37.46 1.30 0.00	42.34 1.49 0.00
CE_NYC_DRP 24195	41.22 1.49 0.00	41.04 1.32 0.00	38.21 1.16 0.00	37.57 1.17 0.00	35.86 1.19 0.00	37.28 1.28 0.00	47.68 1.52 0.00	50.06 1.58 -0.06	47.72 1.88 -0.01	49.16 2.03 0.00	56.63 2.00 0.00	53.04 2.03 -0.98	53.51 2.16 0.00	53.55 2.13 0.00	53.10 2.39 0.00	50.80 3.07 -0.13	44.38 2.80 -2.02	50.96 3.18 -2.47	52.54 3.21 0.00	50.59 3.09 0.00	50.75 2.64 0.00	52.45 2.07 0.00	37.53 1.37 0.00	42.43 1.58 0.00
CHAFFEE___LFGE 323603	32.17 -0.60 6.97	30.14 -0.54 9.03	28.17 -1.05 7.83	32.28 -1.45 2.67	30.22 -1.56 2.90	30.28 -1.50 4.23	36.67 -1.20 8.29	36.57 -0.84 11.01	40.35 -0.85 4.64	35.33 -0.08 11.72	42.88 0.92 12.67	49.85 1.04 1.22	51.74 1.81 1.42	53.23 1.80 0.00	52.94 2.23 0.00	49.36 1.76 0.00	35.23 1.91 6.24	47.50 1.64 -0.55	50.53 1.93 0.73	41.83 2.07 7.74	46.59 1.92 3.44	50.26 1.46 1.58	32.39 1.20 4.97	37.10 1.33 5.07
CHATEAUG_35_KV_LOAD 355732	39.88 0.15 0.00	39.86 0.15 0.00	37.17 0.13 0.00	36.58 0.18 0.00	34.77 0.10 0.00	36.12 0.11 0.00	46.24 0.07 0.00	48.54 0.12 0.00	45.86 0.02 0.00	47.14 0.02 0.00	54.67 0.04 0.00	49.97 -0.06 0.00	51.09 -0.27 0.00	50.95 -0.48 0.00	50.08 -0.63 0.00	46.63 -0.96 0.00	38.77 -0.79 0.00	44.41 -0.90 0.00	48.56 -0.77 0.00	46.72 -0.78 0.00	47.48 -0.63 0.00	49.93 -0.45 0.00	36.10 -0.06 0.00	40.99 0.14 0.00
CHATEAUG_WT_PWR 323614	39.90 0.16 0.00	39.87 0.16 0.00	37.18 0.13 0.00	36.58 0.18 0.00	34.78 0.11 0.00	36.12 0.11 0.00	46.25 0.09 0.00	48.54 0.12 0.00	45.89 0.05 0.00	47.17 0.04 0.00	54.72 0.09 0.00	49.98 -0.05 0.00	51.07 -0.28 0.00	50.90 -0.53 0.00	50.01 -0.70 0.00	46.57 -1.03 0.00	38.71 -0.85 0.00	44.34 -0.97 0.00	48.42 -0.91 0.00	46.56 -0.94 0.00	47.32 -0.79 0.00	49.79 -0.59 0.00	36.04 -0.12 0.00	40.97 0.12 0.00
CHAT_HIGH_FALL_HYD 323578	39.88 0.15 0.00	39.86 0.15 0.00	37.17 0.13 0.00	36.58 0.18 0.00	34.77 0.10 0.00	36.12 0.11 0.00	46.24 0.07 0.00	48.54 0.12 0.00	45.86 0.02 0.00	47.14 0.02 0.00	54.67 0.04 0.00	49.97 -0.06 0.00	51.09 -0.27 0.00	50.95 -0.48 0.00	50.08 -0.63 0.00	46.63 -0.96 0.00	38.77 -0.79 0.00	44.41 -0.90 0.00	48.56 -0.77 0.00	46.72 -0.78 0.00	47.48 -0.63 0.00	49.93 -0.45 0.00	36.10 -0.06 0.00	40.99 0.14 0.00
CHAUTAUQUA___LFGE 323629	32.12 -0.65 6.97	29.66 -1.03 9.04	27.72 -1.49 7.83	31.93 -1.79 2.68	29.81 -1.96 2.90	29.80 -1.98 4.23	36.36 -1.51 8.30	36.41 -1.00 11.01	40.32 -0.88 4.64	35.29 -0.11 11.72	43.01 1.06 12.67	49.98 1.17 1.22	51.66 1.73 1.42	52.90 1.48 0.00	52.64 1.92 0.00	49.13 1.54 0.00	35.11 1.80 6.24	47.75 1.90 -0.55	50.80 2.21 0.74	42.07 2.33 7.75	46.86 2.20 3.45	50.69 1.88 1.58	32.45 1.26 4.97	37.01 1.23 5.07
CHERRYST_13_KV_LD 356241	41.34 1.60 0.00	41.15 1.43 0.00	38.32 1.27 0.00	37.68 1.28 0.00	35.97 1.29 0.00	37.40 1.39 0.00	47.83 1.67 0.00	50.26 1.78 -0.06	47.91 2.06 -0.01	49.38 2.25 0.00	56.87 2.25 0.00	53.27 2.26 -0.98	53.77 2.41 0.00	53.80 2.37 0.00	53.36 2.64 0.00	51.03 3.31 -0.13	44.57 2.99 -2.02	51.18 3.41 -2.47	52.76 3.43 0.00	50.79 3.29 0.00	50.94 2.84 0.00	52.63 2.25 0.00	37.66 1.49 0.00	42.56 1.71 0.00

CHESTROR_138KV_BK263 355645	40.58 0.84 0.00	40.43 0.71 0.00	37.72 0.68 0.00	37.10 0.70 0.00	35.40 0.72 0.00	36.76 0.75 0.00	47.00 0.84 0.00	49.31 0.84 -0.05	46.86 1.01 -0.01	48.23 1.10 0.00	55.78 1.16 0.00	50.80 1.31 0.54	52.73 1.38 0.00	52.79 1.37 0.00	52.25 1.53 0.00	50.54 2.06 -0.88	51.94 1.98 -10.41	62.76 2.29 -15.16	52.10 2.38 -0.38	50.26 2.29 -0.46	50.54 1.93 -0.50	52.01 1.47 -0.15	37.07 0.91 0.00	41.81 0.97 0.00
CH_MIDHUDSON___DRP 24192	41.00 1.27 0.00	40.88 1.16 0.00	38.12 1.07 0.00	37.51 1.10 0.00	35.78 1.10 0.00	37.14 1.13 0.00	47.51 1.34 0.00	49.85 1.37 -0.06	47.38 1.54 -0.01	48.76 1.64 0.00	56.25 1.62 0.00	51.67 1.64 0.00	53.00 1.64 0.00	53.10 1.67 0.00	52.55 1.84 0.00	50.05 2.38 -0.07	42.60 2.21 -0.84	49.02 2.53 -1.18	51.93 2.60 0.00	49.97 2.46 0.00	50.19 2.08 0.00	52.01 1.62 0.00	37.20 1.04 0.00	41.98 1.14 0.00
CH_MISC_IPPS 23765	41.22 1.48 0.00	41.07 1.35 0.00	38.29 1.25 0.00	37.67 1.27 0.00	35.94 1.26 0.00	37.32 1.31 0.00	47.77 1.60 0.00	50.13 1.65 -0.06	47.67 1.82 -0.01	49.08 1.95 0.00	56.70 2.07 0.00	52.08 2.05 0.00	53.41 2.06 0.00	53.50 2.07 0.00	53.01 2.30 0.00	50.52 2.85 -0.07	43.05 2.65 -0.84	49.55 3.06 -1.18	52.52 3.19 0.00	50.54 3.03 0.00	50.70 2.60 0.00	52.49 2.10 0.00	37.52 1.35 0.00	42.32 1.47 0.00
CH_RES_BVR_FALLS 23983	39.71 -0.03 0.00	39.70 -0.02 0.00	37.03 -0.01 0.00	36.40 0.00 0.00	34.67 -0.01 0.00	36.00 -0.01 0.00	46.15 -0.02 0.00	48.42 0.00 0.00	45.80 -0.04 0.00	47.03 -0.10 0.00	54.59 -0.03 0.00	49.97 -0.06 0.00	51.24 -0.11 0.00	51.28 -0.15 0.00	50.52 -0.19 0.00	47.32 -0.28 0.00	39.34 -0.22 0.00	45.05 -0.26 0.00	49.08 -0.25 0.00	47.25 -0.25 0.00	47.89 -0.22 0.00	50.20 -0.18 0.00	36.08 -0.08 0.00	40.81 -0.04 0.00
CH_RES_NIAGARA 23895	38.00 -1.73 0.00	38.06 -1.65 0.00	34.93 -2.11 0.00	34.05 -2.36 0.00	32.27 -2.40 0.00	33.67 -2.34 0.00	43.53 -2.63 0.00	45.77 -2.65 0.00	43.16 -2.68 0.00	45.06 -2.07 0.00	53.33 -1.30 0.00	49.15 -0.89 0.00	51.05 -0.31 0.00	51.13 -0.29 0.00	50.86 0.15 0.00	47.39 -0.20 0.00	39.84 0.26 -0.02	45.01 -0.52 -0.23	48.87 -0.46 0.00	47.23 -0.27 0.00	47.50 -0.60 0.00	49.44 -0.95 0.00	35.94 -0.23 0.00	40.75 -0.09 0.00
CH_RES_SYRACUSE 23985	39.38 -0.36 0.00	39.33 -0.39 0.00	36.59 -0.45 0.00	35.88 -0.52 0.00	34.18 -0.49 0.00	35.55 -0.46 0.00	45.79 -0.37 0.00	48.04 -0.39 0.00	45.51 -0.32 0.00	46.90 -0.23 0.00	54.57 -0.06 0.00	49.91 -0.12 0.00	51.30 -0.05 0.00	51.53 0.10 0.00	51.00 0.29 0.00	47.88 0.29 0.00	40.30 0.44 -0.30	48.50 0.61 -2.59	53.11 0.73 -3.05	51.96 0.76 -3.70	52.79 0.69 -3.99	51.96 0.38 -1.20	36.30 0.14 0.00	40.89 0.04 0.00
CLINTON_WT_PWR 323605	39.90 0.16 0.00	39.87 0.16 0.00	37.18 0.13 0.00	36.58 0.18 0.00	34.78 0.11 0.00	36.12 0.11 0.00	46.25 0.09 0.00	48.54 0.12 0.00	45.89 0.05 0.00	47.17 0.04 0.00	54.72 0.09 0.00	49.98 -0.05 0.00	51.07 -0.28 0.00	50.90 -0.53 0.00	50.01 -0.70 0.00	46.57 -1.03 0.00	38.71 -0.85 0.00	44.34 -0.97 0.00	48.42 -0.91 0.00	46.56 -0.94 0.00	47.32 -0.79 0.00	49.79 -0.59 0.00	36.04 -0.12 0.00	40.97 0.12 0.00
CLINTON___LFGE 323618	40.89 1.16 0.00	40.73 1.01 0.00	37.99 0.94 0.00	37.40 1.01 0.00	35.57 0.90 0.00	36.95 0.94 0.00	47.32 1.16 0.00	49.63 1.21 0.00	46.93 1.10 0.00	48.04 0.91 0.00	55.44 0.81 0.00	50.41 0.37 0.00	51.23 -0.12 0.00	50.79 -0.63 0.00	49.75 -0.96 0.00	46.17 -1.42 0.00	38.49 -1.07 0.00	44.21 -1.10 0.00	48.34 -0.99 0.00	46.61 -0.89 0.00	47.40 -0.71 0.00	50.11 -0.28 0.00	36.51 0.35 0.00	41.72 0.88 0.00
COBBLENY_34_KV_TB1 80064	39.15 -0.59 0.00	39.17 -0.55 0.00	35.99 -1.05 0.00	34.95 -1.45 0.00	33.11 -1.57 0.00	34.50 -1.50 0.00	44.96 -1.20 0.00	47.52 -0.90 0.00	45.00 -0.84 0.00	47.02 -0.11 0.00	55.55 0.92 0.00	51.06 1.03 0.00	53.16 1.81 0.00	53.23 1.80 0.00	52.93 2.22 0.00	49.36 1.76 0.00	41.55 1.93 -0.06	47.47 1.61 -0.55	51.89 1.92 -0.63	50.39 2.12 -0.77	50.82 1.89 -0.83	52.08 1.45 -0.25	37.36 1.20 0.00	42.16 1.31 0.00
COFFEEN___115KV_TB3 355620	41.61 1.88 0.00	41.48 1.76 0.00	38.66 1.61 0.00	37.94 1.54 0.00	36.22 1.55 0.00	37.77 1.77 0.00	48.50 2.33 0.00	50.97 2.55 0.00	48.12 2.29 0.00	48.06 0.93 0.00	56.87 2.24 0.00	52.14 2.10 0.00	53.61 2.26 0.00	53.36 1.93 0.00	52.65 1.93 0.00	48.76 1.17 0.00	41.46 1.73 -0.18	49.47 2.65 -1.52	55.00 3.70 -1.97	53.86 3.97 -2.38	54.69 4.01 -2.57	55.01 3.85 -0.77	38.39 2.23 0.00	42.97 2.12 0.00
COLDSPRG_115KV_BK1 355956	39.96 0.23 0.00	39.39 -0.33 0.00	36.38 -0.66 0.00	35.50 -0.90 0.00	33.60 -1.08 0.00	34.98 -1.02 0.00	45.87 -0.29 0.00	48.76 0.34 0.00	46.32 0.48 0.00	48.40 1.27 0.00	57.32 2.70 0.00	52.45 2.42 0.00	54.15 2.80 0.00	54.07 2.64 0.00	53.66 2.95 0.00	49.92 2.32 0.00	42.15 2.51 -0.08	48.95 2.91 -0.74	53.50 3.30 -0.86	51.97 3.43 -1.05	52.49 3.26 -1.13	53.47 2.75 -0.34	38.10 1.93 0.00	42.80 1.96 0.00
COLONIE_LFGE___ 323577	40.95 1.21 0.00	41.01 1.29 0.00	38.30 1.26 0.00	37.67 1.27 0.00	35.89 1.22 0.00	37.21 1.21 0.00	47.57 1.41 0.00	50.38 1.48 -0.48	47.54 1.64 -0.06	48.60 1.48 0.00	55.43 0.80 0.00	50.77 0.74 0.00	51.97 0.61 0.00	52.20 0.77 0.00	50.97 0.26 0.00	48.24 0.65 0.00	39.89 0.33 0.00	45.67 0.36 0.00	49.64 0.31 0.00	47.82 0.32 0.00	48.76 0.65 0.00	51.07 0.68 0.00	36.62 0.45 0.00	41.21 0.36 0.00
COOPERNY_115KV_TB1 80082	40.27 0.53 0.00	40.15 0.44 0.00	37.47 0.43 0.00	36.85 0.45 0.00	35.13 0.46 0.00	36.47 0.46 0.00	46.66 0.50 0.00	48.97 0.51 -0.04	46.47 0.63 0.00	47.82 0.69 0.00	55.37 0.75 0.00	50.65 0.87 0.25	52.27 0.92 0.00	52.34 0.91 0.00	51.78 1.07 0.00	48.98 1.47 0.09	39.82 1.43 1.17	45.73 1.64 1.21	51.54 1.73 -0.49	49.77 1.68 -0.59	50.13 1.39 -0.63	51.60 1.02 -0.19	36.78 0.62 0.00	41.51 0.66 0.00
COPENHAGEN_WT_PWR 323753	41.20 1.46 0.00	41.07 1.35 0.00	38.32 1.28 0.00	37.59 1.19 0.00	35.90 1.22 0.00	37.42 1.41 0.00	47.96 1.80 0.00	50.33 1.90 0.00	47.44 1.61 0.00	47.32 0.19 0.00	56.36 1.73 0.00	51.62 1.59 0.00	53.07 1.72 0.00	52.93 1.50 0.00	52.23 1.52 0.00	48.47 0.87 0.00	41.10 1.36 -0.18	49.02 2.13 -1.59	54.46 3.07 -2.06	53.32 3.32 -2.49	54.14 3.34 -2.69	54.40 3.21 -0.81	37.88 1.72 0.00	42.41 1.56 0.00
CORNELL_____ 23752	40.18 0.44 0.00	40.07 0.35 0.00	37.27 0.22 0.00	36.53 0.13 0.00	34.75 0.08 0.00	36.12 0.12 0.00	46.66 0.50 0.00	49.01 0.59 0.00	46.51 0.67 0.00	48.28 1.15 0.00	55.79 1.16 0.00	51.12 1.09 0.00	52.55 1.20 0.00	52.29 0.86 0.00	51.92 1.20 0.00	48.94 1.34 0.00	41.10 1.27 -0.28	49.44 1.73 -2.40	54.40 2.16 -2.91	53.43 2.39 -3.53	54.24 2.32 -3.81	53.41 1.87 -1.15	37.24 1.08 0.00	41.91 1.07 0.00

CORONA V_69 KV_TB1 355595	41.64 1.90 0.00	41.59 1.87 0.00	38.54 1.50 0.00	37.88 1.47 0.00	36.18 1.51 0.00	37.72 1.72 0.00	47.82 1.65 0.00	50.02 1.54 -0.06	47.66 1.82 -0.01	49.13 2.00 0.00	57.21 2.59 0.00	53.81 2.73 -1.05	53.90 2.55 0.00	53.84 2.41 0.00	53.01 2.30 0.00	50.69 2.96 -0.13	44.27 2.70 -2.01	50.68 3.05 -2.32	52.70 3.36 0.00	50.66 3.16 0.00	50.97 2.86 0.00	52.53 2.15 0.00	37.82 1.66 0.00	42.70 1.85 0.00
CORTLAND_115KV_TB3 80093	39.89 0.15 0.00	39.80 0.09 0.00	37.06 0.01 0.00	36.34 -0.06 0.00	34.60 -0.07 0.00	35.96 -0.05 0.00	46.34 0.17 0.00	48.68 0.26 0.00	46.15 0.31 0.00	47.48 0.35 0.00	55.34 0.71 0.00	50.63 0.60 0.00	52.11 0.75 0.00	52.09 0.66 0.00	51.57 0.86 0.00	48.53 0.93 0.00	40.73 0.93 -0.24	48.72 1.30 -2.11	53.45 1.51 -2.61	52.32 1.66 -3.16	53.07 1.56 -3.41	52.59 1.18 -1.02	36.78 0.62 0.00	41.44 0.59 0.00
COXSACKIE__GT 23611	41.80 2.07 0.00	41.77 2.05 0.00	38.99 1.95 0.00	38.35 1.95 0.00	36.59 1.92 0.00	38.01 2.00 0.00	48.70 2.54 0.00	51.49 2.85 -0.22	48.82 2.96 -0.03	49.69 2.56 0.00	56.91 2.28 0.00	51.94 1.90 0.00	53.13 1.78 0.00	53.36 1.93 0.00	52.62 1.91 0.00	49.78 2.16 -0.03	41.44 1.58 -0.30	47.49 1.76 -0.42	51.20 1.86 0.00	49.22 1.71 0.00	49.88 1.77 0.00	52.03 1.64 0.00	37.23 1.07 0.00	41.91 1.06 0.00
CPV_VALLEY__CC1 323721	40.29 0.55 0.00	40.15 0.44 0.00	37.48 0.44 0.00	36.87 0.47 0.00	35.17 0.49 0.00	36.51 0.50 0.00	46.67 0.50 0.00	48.95 0.49 -0.05	46.51 0.67 -0.01	47.86 0.73 0.00	55.35 0.73 0.00	50.59 0.90 0.35	52.32 0.96 0.00	52.41 0.98 0.00	51.86 1.15 0.00	49.13 1.63 0.10	39.84 1.59 1.30	45.74 1.82 1.40	51.63 1.87 -0.42	49.82 1.81 -0.51	50.11 1.46 -0.55	51.56 1.01 -0.16	36.78 0.61 0.00	41.50 0.65 0.00
CPV_VALLEY__CC2 323722	40.29 0.55 0.00	40.15 0.44 0.00	37.48 0.44 0.00	36.87 0.47 0.00	35.17 0.49 0.00	36.51 0.50 0.00	46.67 0.50 0.00	48.95 0.49 -0.05	46.51 0.67 -0.01	47.86 0.73 0.00	55.35 0.73 0.00	50.59 0.90 0.35	52.32 0.96 0.00	52.41 0.98 0.00	51.86 1.15 0.00	49.13 1.63 0.10	39.84 1.59 1.30	45.74 1.82 1.40	51.63 1.87 -0.42	49.82 1.81 -0.51	50.11 1.46 -0.55	51.56 1.01 -0.16	36.78 0.61 0.00	41.50 0.65 0.00
CRESCENT__HYD 24018	40.95 1.21 0.00	41.01 1.29 0.00	38.30 1.26 0.00	37.67 1.27 0.00	35.89 1.22 0.00	37.21 1.21 0.00	47.57 1.41 0.00	50.38 1.48 -0.48	47.54 1.64 -0.06	48.60 1.48 0.00	55.43 0.80 0.00	50.77 0.74 0.00	51.97 0.61 0.00	52.20 0.77 0.00	50.97 0.26 0.00	48.24 0.65 0.00	39.89 0.33 0.00	45.67 0.36 0.00	49.64 0.31 0.00	47.82 0.32 0.00	48.76 0.65 0.00	51.07 0.68 0.00	36.62 0.45 0.00	41.21 0.36 0.00
CRICKET__VALLEY_CC1 323756	40.52 0.79 0.00	40.45 0.73 0.00	37.70 0.66 0.00	37.16 0.76 0.00	35.46 0.78 0.00	36.74 0.74 0.00	47.03 0.87 0.00	49.35 0.85 -0.08	46.95 1.10 -0.01	48.21 1.08 0.00	55.44 0.81 0.00	51.06 0.83 -0.19	52.19 0.84 0.00	52.27 0.83 0.00	30.13 0.88 21.47	-14.92 1.44 63.95	22.21 1.42 18.77	11.68 1.58 35.21	34.59 1.62 16.37	49.04 1.54 0.00	-4.03 1.13 53.26	46.41 0.70 4.67	23.85 0.39 12.71	41.03 0.47 0.29
CRICKET__VALLEY_CC2 323757	40.52 0.79 0.00	40.45 0.73 0.00	37.70 0.66 0.00	37.16 0.76 0.00	35.46 0.78 0.00	36.74 0.74 0.00	47.03 0.87 0.00	49.35 0.85 -0.08	46.95 1.10 -0.01	48.21 1.08 0.00	55.44 0.81 0.00	51.06 0.83 -0.19	52.19 0.84 0.00	52.27 0.83 0.00	30.13 0.88 21.47	-14.92 1.44 63.95	22.21 1.42 18.77	11.68 1.58 35.21	34.59 1.62 16.37	49.04 1.54 0.00	-4.03 1.13 53.26	46.41 0.70 4.67	23.85 0.39 12.71	41.03 0.47 0.29
CRICKET__VALLEY_CC3 323758	40.52 0.79 0.00	40.45 0.73 0.00	37.70 0.66 0.00	37.16 0.76 0.00	35.46 0.78 0.00	36.74 0.74 0.00	47.03 0.87 0.00	49.35 0.85 -0.08	46.95 1.10 -0.01	48.21 1.08 0.00	55.44 0.81 0.00	51.06 0.83 -0.19	52.19 0.84 0.00	52.27 0.83 0.00	30.13 0.88 21.47	-14.92 1.44 63.95	22.21 1.42 18.77	11.68 1.58 35.21	34.59 1.62 16.37	49.04 1.54 0.00	-4.03 1.13 53.26	46.41 0.70 4.67	23.85 0.39 12.71	41.03 0.47 0.29
CRUCIBLE_METL_DRP 24180	39.38 -0.36 0.00	39.33 -0.39 0.00	36.59 -0.45 0.00	35.88 -0.52 0.00	34.18 -0.49 0.00	35.55 -0.46 0.00	45.79 -0.37 0.00	48.03 -0.39 0.00	45.51 -0.32 0.00	46.89 -0.23 0.00	54.56 -0.06 0.00	49.91 -0.13 0.00	51.30 -0.05 0.00	51.53 0.10 0.00	51.00 0.29 0.00	47.88 0.28 0.00	40.30 0.44 -0.30	48.50 0.61 -2.59	53.11 0.73 -3.05	51.97 0.76 -3.70	52.78 0.69 -3.99	51.97 0.38 -1.20	36.30 0.13 0.00	40.89 0.04 0.00
DAHOWA__HYDRO 323763	41.67 1.94 0.00	41.70 1.98 0.00	38.89 1.85 0.00	38.22 1.82 0.00	36.38 1.71 0.00	37.82 1.82 0.00	48.49 2.33 0.00	51.48 2.50 -0.55	48.42 2.51 -0.07	49.50 2.38 0.00	56.55 1.93 0.00	51.66 1.62 0.00	52.91 1.56 0.00	52.98 1.55 0.00	51.78 1.06 0.00	48.93 1.34 0.00	40.79 1.24 0.00	46.81 1.50 0.00	51.13 1.80 0.00	49.35 1.85 0.00	50.21 2.11 0.00	52.56 2.17 0.00	37.57 1.41 0.00	42.26 1.41 0.00
DANC__LFGE 323619	40.32 0.59 0.00	40.23 0.51 0.00	37.50 0.46 0.00	36.79 0.39 0.00	35.10 0.42 0.00	36.55 0.55 0.00	46.91 0.75 0.00	49.23 0.81 0.00	46.50 0.66 0.00	46.93 -0.20 0.00	55.35 0.73 0.00	50.69 0.65 0.00	52.12 0.77 0.00	52.10 0.67 0.00	51.39 0.67 0.00	47.88 0.28 0.00	40.46 0.67 -0.23	48.34 1.06 -1.97	53.59 1.71 -2.55	52.49 1.90 -3.10	53.33 1.89 -3.34	53.22 1.82 -1.00	37.08 0.91 0.00	41.61 0.76 0.00
DANSKAMMER__1 23586	41.22 1.48 0.00	41.07 1.35 0.00	38.29 1.25 0.00	37.67 1.27 0.00	35.94 1.26 0.00	37.32 1.31 0.00	47.77 1.60 0.00	50.13 1.65 -0.06	47.67 1.82 -0.01	49.08 1.95 0.00	56.70 2.07 0.00	52.08 2.05 0.00	53.41 2.06 0.00	53.50 2.07 0.00	53.01 2.30 0.00	50.52 2.85 -0.07	43.05 2.65 -0.84	49.55 3.06 -1.18	52.52 3.19 0.00	50.54 3.03 0.00	50.70 2.60 0.00	52.49 2.10 0.00	37.52 1.35 0.00	42.32 1.47 0.00
DANSKAMMER__2 23589	41.22 1.48 0.00	41.07 1.35 0.00	38.29 1.25 0.00	37.67 1.27 0.00	35.94 1.26 0.00	37.32 1.31 0.00	47.77 1.60 0.00	50.13 1.65 -0.06	47.67 1.82 -0.01	49.08 1.95 0.00	56.70 2.07 0.00	52.08 2.05 0.00	53.41 2.06 0.00	53.50 2.07 0.00	53.01 2.30 0.00	50.52 2.85 -0.07	43.05 2.65 -0.84	49.55 3.06 -1.18	52.52 3.19 0.00	50.54 3.03 0.00	50.70 2.60 0.00	52.49 2.10 0.00	37.52 1.35 0.00	42.32 1.47 0.00
DANSKAMMER__3 23590	41.22 1.48 0.00	41.07 1.35 0.00	38.29 1.25 0.00	37.67 1.27 0.00	35.94 1.26 0.00	37.32 1.31 0.00	47.77 1.60 0.00	50.13 1.65 -0.06	47.67 1.82 -0.01	49.08 1.95 0.00	56.70 2.07 0.00	52.08 2.05 0.00	53.41 2.06 0.00	53.50 2.07 0.00	53.01 2.30 0.00	50.52 2.85 -0.07	43.05 2.65 -0.84	49.55 3.06 -1.18	52.52 3.19 0.00	50.54 3.03 0.00	50.70 2.60 0.00	52.49 2.10 0.00	37.52 1.35 0.00	42.32 1.47 0.00

DANSKAMMER___4 23591	41.22 1.48 0.00	41.07 1.35 0.00	38.29 1.25 0.00	37.67 1.27 0.00	35.94 1.26 0.00	37.32 1.31 0.00	47.77 1.60 0.00	50.13 1.65 -0.06	47.67 1.82 -0.01	49.08 1.95 0.00	56.70 2.07 0.00	52.08 2.05 0.00	53.41 2.06 0.00	53.50 2.07 0.00	53.01 2.30 0.00	50.52 2.85 -0.07	43.05 2.65 -0.84	49.55 3.06 -1.18	52.52 3.19 0.00	50.54 3.03 0.00	50.70 2.60 0.00	52.49 2.10 0.00	37.52 1.35 0.00	42.32 1.47 0.00
DANSKAMMER___DIESEL 23592	41.22 1.49 0.00	41.07 1.36 0.00	38.29 1.25 0.00	37.67 1.27 0.00	35.94 1.27 0.00	37.32 1.31 0.00	47.77 1.60 0.00	50.13 1.65 -0.06	47.67 1.83 -0.01	49.09 1.96 0.00	56.69 2.07 0.00	52.09 2.05 0.00	53.41 2.06 0.00	53.50 2.07 0.00	53.02 2.30 0.00	50.52 2.85 -0.07	43.04 2.65 -0.84	49.55 3.06 -1.18	52.52 3.19 0.00	50.53 3.02 0.00	50.71 2.60 0.00	52.49 2.10 0.00	37.52 1.35 0.00	42.31 1.47 0.00
DARBY___SOLAR 323810	41.45 1.71 0.00	41.48 1.76 0.00	38.70 1.66 0.00	38.04 1.64 0.00	36.21 1.53 0.00	37.63 1.63 0.00	48.21 2.05 0.00	51.16 2.19 -0.54	48.13 2.22 -0.07	49.21 2.08 0.00	56.24 1.61 0.00	51.38 1.35 0.00	52.62 1.26 0.00	52.73 1.30 0.00	51.54 0.82 0.00	48.74 1.14 0.00	40.57 1.02 0.00	46.52 1.21 0.00	50.77 1.43 0.00	49.00 1.49 0.00	49.86 1.75 0.00	52.20 1.81 0.00	37.34 1.18 0.00	42.01 1.16 0.00
DASHVILLE___HYD 23610	40.72 0.98 0.00	40.60 0.88 0.00	37.89 0.84 0.00	37.27 0.87 0.00	35.54 0.87 0.00	36.89 0.89 0.00	47.20 1.04 0.00	49.53 1.01 -0.09	46.95 1.11 -0.01	48.42 1.29 0.00	55.95 1.32 0.00	51.48 1.45 0.00	52.82 1.46 0.00	52.89 1.46 0.00	52.45 1.74 0.00	50.00 2.37 -0.03	42.07 2.20 -0.32	48.28 2.52 -0.45	51.89 2.56 0.00	49.91 2.40 0.00	50.08 1.97 0.00	51.89 1.50 0.00	37.09 0.93 0.00	41.84 0.99 0.00
DELAWARE___LFGE 323621	40.41 0.68 0.00	40.33 0.61 0.00	37.66 0.62 0.00	36.99 0.59 0.00	35.29 0.62 0.00	36.60 0.60 0.00	46.93 0.77 0.00	49.26 0.82 -0.02	46.68 0.85 0.00	47.97 0.84 0.00	55.62 0.99 0.00	51.03 1.00 0.00	52.42 1.07 0.00	52.52 1.09 0.00	51.91 1.20 0.00	49.03 1.43 0.00	41.03 1.34 -0.14	48.11 1.55 -1.25	52.52 1.67 -1.52	50.99 1.64 -1.84	51.55 1.45 -1.99	52.16 1.18 -0.60	36.87 0.71 0.00	41.59 0.74 0.00
DERFIELD_115KV_TB7 355931	39.83 0.10 0.00	39.81 0.09 0.00	37.14 0.10 0.00	36.51 0.10 0.00	34.78 0.10 0.00	36.11 0.10 0.00	46.26 0.09 0.00	48.52 0.10 0.00	45.93 0.09 0.00	47.19 0.06 0.00	54.66 0.03 0.00	50.04 0.00 0.00	51.40 0.05 0.00	51.48 0.05 0.00	50.77 0.05 0.00	47.78 0.18 0.00	39.73 0.18 0.00	45.51 0.20 0.00	49.53 0.20 0.00	47.74 0.23 0.00	48.28 0.17 0.00	50.46 0.07 0.00	36.16 0.00 0.00	40.84 -0.01 0.00
DOGLEVILLE___HYD 23807	40.50 0.77 0.00	40.53 0.82 0.00	37.84 0.80 0.00	37.19 0.79 0.00	35.50 0.83 0.00	36.85 0.85 0.00	47.16 1.00 0.00	49.56 1.13 0.00	46.96 1.12 0.00	48.21 1.08 0.00	55.28 0.65 0.00	50.00 -0.03 0.00	51.30 -0.05 0.00	51.69 0.26 0.00	50.81 0.10 0.00	48.10 0.50 0.00	39.96 0.40 0.00	45.80 0.49 0.00	49.78 0.45 0.00	48.12 0.61 0.00	48.71 0.60 0.00	50.82 0.44 0.00	36.25 0.09 0.00	40.89 0.04 0.00
DUNKIRK__115KV_TB_200 55889	39.07 -0.66 0.00	38.72 -1.00 0.00	35.58 -1.46 0.00	34.62 -1.78 0.00	32.73 -1.94 0.00	34.06 -1.95 0.00	44.65 -1.52 0.00	47.35 -1.08 0.00	44.95 -0.89 0.00	46.94 -0.19 0.00	55.61 0.98 0.00	51.13 1.10 0.00	53.03 1.68 0.00	52.88 1.45 0.00	52.59 1.88 0.00	49.09 1.49 0.00	41.39 1.77 -0.06	47.66 1.81 -0.54	52.07 2.12 -0.62	50.57 2.32 -0.75	51.02 2.11 -0.81	52.42 1.80 -0.24	37.36 1.20 0.00	42.02 1.18 0.00
DUNKIRK___1 23563	39.07 -0.66 0.00	38.72 -1.00 0.00	35.58 -1.46 0.00	34.62 -1.78 0.00	32.73 -1.94 0.00	34.06 -1.95 0.00	44.65 -1.52 0.00	47.35 -1.08 0.00	44.95 -0.89 0.00	46.94 -0.19 0.00	55.61 0.98 0.00	51.13 1.10 0.00	53.03 1.68 0.00	52.88 1.45 0.00	52.59 1.88 0.00	49.09 1.49 0.00	41.39 1.77 -0.06	47.66 1.81 -0.54	52.07 2.12 -0.62	50.57 2.32 -0.75	51.02 2.11 -0.81	52.42 1.80 -0.24	37.36 1.20 0.00	42.02 1.18 0.00
DUNKIRK___2 23564	39.07 -0.66 0.00	38.72 -1.00 0.00	35.58 -1.46 0.00	34.62 -1.78 0.00	32.73 -1.94 0.00	34.06 -1.95 0.00	44.65 -1.52 0.00	47.35 -1.08 0.00	44.95 -0.89 0.00	46.94 -0.19 0.00	55.61 0.98 0.00	51.13 1.10 0.00	53.03 1.68 0.00	52.88 1.45 0.00	52.59 1.88 0.00	49.09 1.49 0.00	41.39 1.77 -0.06	47.66 1.81 -0.54	52.07 2.12 -0.62	50.57 2.32 -0.75	51.02 2.11 -0.81	52.42 1.80 -0.24	37.36 1.20 0.00	42.02 1.18 0.00
DUNKIRK___3 23565	38.99 -0.74 0.00	38.77 -0.95 0.00	35.64 -1.40 0.00	34.68 -1.73 0.00	32.81 -1.86 0.00	34.14 -1.87 0.00	44.62 -1.54 0.00	47.24 -1.18 0.00	44.80 -1.03 0.00	46.79 -0.34 0.00	55.37 0.74 0.00	50.89 0.86 0.00	52.83 1.48 0.00	52.75 1.32 0.00	52.44 1.73 0.00	48.92 1.32 0.00	41.22 1.61 -0.06	47.35 1.52 -0.52	51.72 1.79 -0.59	50.23 2.00 -0.72	50.68 1.79 -0.78	52.05 1.43 -0.23	37.16 1.00 0.00	41.88 1.03 0.00
DUNKIRK___4 23566	38.99 -0.74 0.00	38.77 -0.95 0.00	35.64 -1.40 0.00	34.68 -1.73 0.00	32.81 -1.86 0.00	34.14 -1.87 0.00	44.62 -1.54 0.00	47.24 -1.18 0.00	44.80 -1.03 0.00	46.79 -0.34 0.00	55.37 0.74 0.00	50.89 0.86 0.00	52.83 1.48 0.00	52.75 1.32 0.00	52.44 1.73 0.00	48.92 1.32 0.00	41.22 1.61 -0.06	47.35 1.52 -0.52	51.72 1.79 -0.59	50.23 2.00 -0.72	50.68 1.79 -0.78	52.05 1.43 -0.23	37.16 1.00 0.00	41.88 1.03 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	41.13 1.39 0.00	40.97 1.25 0.00	38.15 1.11 0.00	37.53 1.12 0.00	35.81 1.14 0.00	37.23 1.22 0.00	47.58 1.42 0.00	49.91 1.43 -0.06	47.51 1.67 -0.01	48.92 1.79 0.00	56.45 1.83 0.00	52.91 1.90 -0.98	53.33 1.97 0.00	53.37 1.94 0.00	52.85 2.14 0.00	50.49 2.76 -0.13	44.11 2.54 -2.02	50.67 2.89 -2.47	52.28 2.95 0.00	50.31 2.81 0.00	50.49 2.38 0.00	52.22 1.83 0.00	37.39 1.23 0.00	42.26 1.41 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.85 1.11 0.00	40.70 0.98 0.00	37.96 0.92 0.00	37.34 0.94 0.00	35.62 0.94 0.00	36.99 0.99 0.00	47.32 1.16 0.00	49.66 1.19 -0.06	47.19 1.35 -0.01	48.60 1.47 0.00	56.18 1.56 0.00	51.52 1.65 0.17	53.03 1.68 0.00	53.10 1.67 0.00	52.59 1.88 0.00	50.07 2.41 -0.06	42.53 2.32 -0.66	49.16 2.67 -1.18	52.14 2.81 0.00	50.17 2.66 0.00	50.38 2.27 0.00	52.18 1.79 0.00	37.28 1.12 0.00	42.06 1.21 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	41.25 1.51 0.00	41.07 1.35 0.00	38.20 1.16 0.00	37.58 1.17 0.00	35.87 1.20 0.00	37.30 1.30 0.00	47.67 1.51 0.00	50.02 1.54 -0.06	47.69 1.85 -0.01	49.00 1.87 0.00	56.42 1.80 0.00	52.99 1.98 -0.98	53.29 1.93 0.00	53.40 1.97 0.00	52.83 2.12 0.00	50.55 2.82 -0.13	44.15 2.58 -2.02	50.61 2.84 -2.47	52.20 2.87 0.00	50.35 2.85 0.00	50.46 2.36 0.00	52.30 1.92 0.00	37.47 1.30 0.00	42.31 1.46 0.00

E179THST_13_KV_LOAD 356214	41.48 1.74 0.00	41.28 1.56 0.00	38.39 1.35 0.00	37.76 1.35 0.00	36.05 1.37 0.00	37.48 1.48 0.00	47.92 1.76 0.00	50.29 1.82 -0.06	47.95 2.11 -0.01	49.28 2.16 0.00	56.78 2.15 0.00	53.32 2.32 -0.98	53.64 2.28 0.00	53.73 2.30 0.00	53.18 2.47 0.00	50.88 3.15 -0.13	44.43 2.85 -2.02	50.93 3.16 -2.47	52.54 3.22 0.00	50.69 3.19 0.00	50.79 2.68 0.00	52.62 2.23 0.00	37.68 1.52 0.00	42.54 1.70 0.00
EAST HAMPTON___GT 23717	43.52 3.78 0.00	44.00 4.28 0.00	40.35 3.31 0.00	39.63 3.23 0.00	37.89 3.21 0.00	39.80 3.80 0.00	49.68 3.52 0.00	51.66 3.18 -0.06	48.64 2.79 -0.01	49.60 2.47 0.00	58.05 3.42 0.00	55.00 3.91 -1.06	54.16 2.81 0.00	53.23 1.80 0.00	51.67 0.96 0.00	30.51 1.69 18.78	34.87 1.89 6.57	49.10 2.76 -1.03	52.94 3.61 0.00	50.30 2.80 0.00	50.20 2.10 0.00	36.74 0.62 14.27	38.04 1.87 0.00	43.32 2.48 0.00
EAST RIVER___6 23660	41.31 1.57 0.00	41.11 1.39 0.00	38.28 1.23 0.00	37.64 1.24 0.00	35.93 1.26 0.00	37.33 1.32 0.00	47.71 1.55 0.00	50.12 1.64 -0.06	47.81 1.96 -0.01	49.28 2.15 0.00	56.78 2.15 0.00	53.18 2.17 -0.98	53.68 2.32 0.00	53.71 2.28 0.00	53.28 2.57 0.00	50.97 3.25 -0.13	44.51 2.93 -2.02	51.13 3.36 -2.47	52.71 3.38 0.00	50.76 3.26 0.00	50.93 2.83 0.00	52.62 2.24 0.00	37.63 1.47 0.00	42.53 1.68 0.00
EAST RIVER___7 23524	41.31 1.57 0.00	41.11 1.39 0.00	38.28 1.23 0.00	37.64 1.24 0.00	35.93 1.26 0.00	37.33 1.32 0.00	47.71 1.55 0.00	50.12 1.64 -0.06	47.81 1.96 -0.01	49.28 2.15 0.00	56.78 2.15 0.00	53.18 2.17 -0.98	53.68 2.32 0.00	53.71 2.28 0.00	53.28 2.57 0.00	50.97 3.25 -0.13	44.51 2.93 -2.02	51.13 3.36 -2.47	52.71 3.38 0.00	50.76 3.26 0.00	50.93 2.83 0.00	52.62 2.24 0.00	37.63 1.47 0.00	42.53 1.68 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	41.05 1.31 0.00	40.89 1.17 0.00	38.09 1.05 0.00	37.46 1.06 0.00	35.75 1.08 0.00	37.16 1.15 0.00	47.50 1.34 0.00	49.83 1.35 -0.06	47.41 1.57 -0.01	48.82 1.69 0.00	56.35 1.72 0.00	52.90 1.81 -1.06	53.24 1.89 0.00	53.29 1.86 0.00	52.76 2.05 0.00	50.38 2.66 -0.13	44.11 2.45 -2.10	50.62 2.79 -2.53	52.18 2.85 0.00	50.23 2.72 0.00	50.42 2.31 0.00	52.15 1.76 0.00	37.33 1.17 0.00	42.19 1.34 0.00
EAST_HAMPTON___DIESEL 23722	43.53 3.80 0.00	44.01 4.29 0.00	40.36 3.32 0.00	39.64 3.24 0.00	37.91 3.23 0.00	39.81 3.81 0.00	49.68 3.52 0.00	51.67 3.19 -0.06	48.63 2.78 -0.01	49.58 2.45 0.00	58.00 3.38 0.00	54.96 3.87 -1.06	54.09 2.73 0.00	53.14 1.71 0.00	51.57 0.86 0.00	30.43 1.60 18.78	34.80 1.82 6.57	49.05 2.71 -1.03	52.89 3.55 0.00	50.23 2.72 0.00	50.12 2.01 0.00	36.64 0.52 14.27	38.00 1.83 0.00	43.31 2.46 0.00
EAST_POINT___SOLAR 323840	41.92 2.18 0.00	41.77 2.05 0.00	38.90 1.86 0.00	38.20 1.79 0.00	36.61 1.93 0.00	38.16 2.16 0.00	49.12 2.96 0.00	52.23 3.18 -0.62	48.84 2.92 -0.08	50.04 2.91 0.00	58.30 3.67 0.00	52.71 2.67 0.00	54.68 3.32 0.00	55.08 3.65 0.00	54.33 3.62 0.00	51.15 3.55 0.00	42.71 3.16 0.00	48.87 3.56 0.00	53.52 4.18 0.00	51.67 4.16 0.00	52.07 3.96 0.00	54.20 3.81 0.00	38.63 2.47 0.00	43.57 2.72 0.00
EAST_PULASKI___ESR 323781	39.48 -0.25 0.00	39.43 -0.29 0.00	36.72 -0.33 0.00	36.02 -0.38 0.00	34.33 -0.34 0.00	35.72 -0.28 0.00	45.92 -0.24 0.00	48.23 -0.20 0.00	45.63 -0.20 0.00	46.61 -0.52 0.00	54.42 -0.20 0.00	49.82 -0.21 0.00	51.25 -0.10 0.00	51.35 -0.07 0.00	50.55 -0.16 0.00	47.30 -0.30 0.00	39.92 0.02 -0.35	48.39 0.09 -3.00	53.58 0.42 -3.83	52.72 0.57 -4.65	53.63 0.51 -5.01	52.42 0.52 -1.51	36.34 0.17 0.00	40.88 0.03 0.00
EAST_RIVER___1 323558	41.22 1.49 0.00	41.04 1.32 0.00	38.20 1.16 0.00	37.57 1.17 0.00	35.86 1.19 0.00	37.28 1.28 0.00	47.68 1.52 0.00	50.06 1.58 -0.06	47.72 1.88 -0.01	49.16 2.03 0.00	56.61 1.99 0.00	53.04 2.03 -0.98	53.52 2.16 0.00	53.56 2.13 0.00	53.10 2.38 0.00	50.80 3.08 -0.13	44.38 2.80 -2.02	50.96 3.19 -2.47	52.54 3.21 0.00	50.60 3.10 0.00	50.73 2.63 0.00	52.44 2.06 0.00	37.53 1.36 0.00	42.42 1.58 0.00
EAST_RIVER___2 323559	41.31 1.57 0.00	41.11 1.39 0.00	38.28 1.23 0.00	37.64 1.24 0.00	35.93 1.26 0.00	37.33 1.32 0.00	47.71 1.55 0.00	50.12 1.64 -0.06	47.81 1.96 -0.01	49.28 2.15 0.00	56.78 2.15 0.00	53.18 2.17 -0.98	53.68 2.32 0.00	53.71 2.28 0.00	53.28 2.57 0.00	50.97 3.25 -0.13	44.51 2.93 -2.02	51.13 3.36 -2.47	52.71 3.38 0.00	50.76 3.26 0.00	50.93 2.83 0.00	52.62 2.24 0.00	37.63 1.47 0.00	42.53 1.68 0.00
EAST___DELAWARE_HYD 23607	40.15 0.41 0.00	40.07 0.35 0.00	37.38 0.34 0.00	36.77 0.37 0.00	35.08 0.40 0.00	36.43 0.43 0.00	46.64 0.48 0.00	48.99 0.51 -0.06	46.57 0.73 -0.01	47.98 0.85 0.00	55.48 0.85 0.00	50.87 0.97 0.13	52.16 0.81 0.00	52.15 0.72 0.00	51.73 1.02 0.00	49.35 1.75 0.00	41.35 1.82 0.02	47.79 2.19 -0.29	51.99 2.26 -0.39	50.12 2.15 -0.47	50.34 1.72 -0.51	51.76 1.22 -0.15	36.85 0.69 0.00	41.52 0.68 0.00
EIGHT_POINT___WT_PWR 323820	39.08 -0.66 0.00	38.81 -0.91 0.00	35.86 -1.19 0.00	34.78 -1.61 0.00	32.49 -2.19 0.00	33.56 -2.45 0.00	43.63 -2.54 0.00	45.98 -2.44 0.00	43.79 -2.05 0.00	45.93 -1.20 0.00	54.42 -0.20 0.00	49.81 -0.22 0.00	51.93 0.57 0.00	51.81 0.38 0.00	51.36 0.65 0.00	48.21 0.61 0.00	40.98 1.29 -0.14	47.73 1.22 -1.20	53.04 2.27 -1.43	52.11 2.86 -1.74	52.96 2.97 -1.88	53.51 2.56 -0.56	37.80 1.64 0.00	42.66 1.81 0.00
ELBRIDGE_115KV_TB2 80188	39.21 -0.52 0.00	39.15 -0.56 0.00	36.41 -0.64 0.00	35.69 -0.71 0.00	33.98 -0.69 0.00	35.33 -0.67 0.00	45.53 -0.63 0.00	47.82 -0.60 0.00	45.32 -0.51 0.00	46.67 -0.46 0.00	54.32 -0.31 0.00	49.71 -0.32 0.00	51.10 -0.26 0.00	51.28 -0.15 0.00	50.83 0.12 0.00	47.70 0.11 0.00	40.24 0.32 -0.36	49.01 0.55 -3.16	53.57 0.64 -3.59	52.53 0.67 -4.36	53.41 0.60 -4.70	52.01 0.21 -1.41	36.16 0.00 0.00	40.70 -0.14 0.00
ELEC_TRO_TEK 24086	41.41 1.67 0.00	41.39 1.67 0.00	38.35 1.30 0.00	37.68 1.28 0.00	36.01 1.34 0.00	37.55 1.54 0.00	47.56 1.40 0.00	49.74 1.26 -0.06	47.38 1.54 -0.01	48.84 1.71 0.00	56.89 2.26 0.00	53.49 2.41 -1.05	53.53 2.18 0.00	53.44 2.01 0.00	52.59 1.88 0.00	47.23 2.56 2.93	42.54 2.36 -0.62	50.06 2.67 -2.08	52.28 2.95 0.00	50.24 2.74 0.00	50.54 2.43 0.00	49.79 1.71 2.31	37.56 1.40 0.00	42.41 1.57 0.00
ELLENBURG_WT_PWR 323604	39.90 0.16 0.00	39.87 0.16 0.00	37.18 0.13 0.00	36.58 0.18 0.00	34.78 0.11 0.00	36.12 0.11 0.00	46.25 0.09 0.00	48.54 0.12 0.00	45.89 0.05 0.00	47.17 0.04 0.00	54.72 0.09 0.00	49.98 -0.05 0.00	51.07 -0.28 0.00	50.90 -0.53 0.00	50.01 -0.70 0.00	46.57 -1.03 0.00	38.71 -0.85 0.00	44.34 -0.97 0.00	48.42 -0.91 0.00	46.56 -0.94 0.00	47.32 -0.79 0.00	49.79 -0.59 0.00	36.04 -0.12 0.00	40.97 0.12 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.86 -0.88 0.00	38.92 -0.79 0.00	35.72 -1.32 0.00	34.71 -1.70 0.00	32.88 -1.80 0.00	34.27 -1.74 0.00	44.64 -1.52 0.00	47.12 -1.30 0.00	44.55 -1.29 0.00	46.58 -0.55 0.00	55.00 0.37 0.00	50.60 0.57 0.00	52.63 1.27 0.00	52.66 1.23 0.00	52.35 1.64 0.00	48.81 1.21 0.00	41.07 1.47 -0.04	46.75 1.03 -0.40	51.02 1.25 -0.44	49.48 1.44 -0.54	49.88 1.19 -0.58	51.35 0.79 -0.17	36.97 0.80 0.00	41.77 0.92 0.00
EMPIRE_CC_1 323656	40.43 0.69 0.00	40.49 0.77 0.00	37.86 0.82 0.00	37.25 0.85 0.00	35.51 0.84 0.00	36.79 0.79 0.00	46.94 0.78 0.00	49.51 0.78 -0.30	47.09 1.21 -0.04	48.20 1.07 0.00	54.60 -0.03 0.00	50.07 0.03 0.00	51.16 -0.20 0.00	51.46 0.03 0.00	49.98 -0.73 0.00	47.42 -0.18 0.00	39.00 -0.55 0.00	44.58 -0.73 0.00	48.35 -0.98 0.00	46.55 -0.96 0.00	47.68 -0.43 0.00	50.05 -0.34 0.00	35.97 -0.20 0.00	40.44 -0.41 0.00
EMPIRE_CC_2 323658	40.43 0.69 0.00	40.49 0.77 0.00	37.86 0.82 0.00	37.25 0.85 0.00	35.51 0.84 0.00	36.79 0.79 0.00	46.94 0.78 0.00	49.51 0.78 -0.30	47.09 1.21 -0.04	48.20 1.07 0.00	54.60 -0.03 0.00	50.07 0.03 0.00	51.16 -0.20 0.00	51.46 0.03 0.00	49.98 -0.73 0.00	47.42 -0.18 0.00	39.00 -0.55 0.00	44.58 -0.73 0.00	48.35 -0.98 0.00	46.55 -0.96 0.00	47.68 -0.43 0.00	50.05 -0.34 0.00	35.97 -0.20 0.00	40.44 -0.41 0.00
ENORWICH_115KV_TB1 80156	42.14 2.41 0.00	42.00 2.28 0.00	39.06 2.01 0.00	38.31 1.91 0.00	36.42 1.75 0.00	38.01 2.01 0.00	49.26 3.10 0.00	51.69 3.26 -0.01	48.82 2.98 0.00	49.79 2.66 0.00	58.28 3.65 0.00	53.51 3.48 0.00	54.94 3.59 0.00	54.97 3.54 0.00	54.30 3.58 0.00	51.21 3.61 0.00	43.28 3.48 -0.24	51.63 4.26 -2.05	56.91 5.08 -2.50	55.95 5.41 -3.03	56.64 5.26 -3.27	56.10 4.74 -0.98	39.11 2.95 0.00	43.84 3.00 0.00
ERIE_ST__34_KV_TB1-2 80199	39.16 -0.57 0.00	39.24 -0.48 0.00	35.98 -1.06 0.00	34.95 -1.45 0.00	33.11 -1.56 0.00	34.54 -1.47 0.00	45.02 -1.14 0.00	47.57 -0.86 0.00	44.97 -0.87 0.00	47.05 -0.08 0.00	55.59 0.97 0.00	51.19 1.16 0.00	53.34 1.99 0.00	53.35 1.92 0.00	53.11 2.40 0.00	49.56 1.96 0.00	41.64 2.04 -0.05	47.31 1.59 -0.42	51.69 1.89 -0.46	50.16 2.09 -0.56	50.63 1.91 -0.61	52.02 1.45 -0.18	37.45 1.29 0.00	42.25 1.40 0.00
ERIE_WT_PWR 323693	33.29 -0.75 5.70	31.70 -0.63 7.39	29.45 -1.19 6.41	32.62 -1.59 2.19	30.60 -1.71 2.38	30.91 -1.39 3.46	37.99 -1.39 6.79	38.31 -1.10 9.01	40.91 -1.13 3.80	37.23 -0.33 9.57	44.87 0.61 10.37	49.82 0.78 1.00	51.71 1.52 1.16	52.90 1.47 0.00	52.64 1.93 0.00	49.09 1.49 0.00	36.13 1.68 5.11	47.07 1.32 -0.44	50.26 1.56 0.63	42.86 1.73 6.37	46.83 1.58 2.85	50.24 1.16 1.30	33.12 1.03 4.07	37.89 1.19 4.15
ESPRGFLD_115KV_TB1 80157	41.08 1.35 0.00	40.89 1.17 0.00	38.10 1.06 0.00	37.36 0.96 0.00	35.57 0.90 0.00	36.94 0.93 0.00	47.47 1.31 0.00	50.05 1.61 -0.02	47.43 1.59 0.00	48.73 1.60 0.00	56.53 1.90 0.00	51.91 1.88 0.00	53.33 1.98 0.00	53.45 2.02 0.00	52.85 2.14 0.00	49.92 2.33 0.00	41.79 2.10 -0.14	48.98 2.46 -1.21	53.55 2.74 -1.48	51.99 2.69 -1.80	52.52 2.48 -1.94	53.14 2.17 -0.58	37.52 1.36 0.00	42.24 1.39 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.11 0.38 0.00	40.01 0.29 0.00	37.22 0.18 0.00	36.49 0.08 0.00	34.71 0.04 0.00	36.09 0.08 0.00	46.60 0.44 0.00	48.97 0.55 0.00	46.44 0.60 0.00	47.68 0.55 0.00	55.66 1.04 0.00	50.99 0.96 0.00	52.42 1.07 0.00	52.25 0.82 0.00	51.82 1.11 0.00	48.82 1.22 0.00	41.05 1.21 -0.29	49.40 1.62 -2.47	54.34 2.01 -3.00	53.36 2.22 -3.63	54.18 2.15 -3.92	53.27 1.71 -1.18	37.13 0.97 0.00	41.79 0.95 0.00
ETNA____115KV_TB2 80207	40.11 0.38 0.00	40.01 0.29 0.00	37.22 0.18 0.00	36.49 0.08 0.00	34.71 0.04 0.00	36.09 0.08 0.00	46.60 0.44 0.00	48.97 0.55 0.00	46.44 0.60 0.00	47.68 0.55 0.00	55.66 1.04 0.00	50.99 0.96 0.00	52.42 1.07 0.00	52.25 0.82 0.00	51.82 1.11 0.00	48.82 1.22 0.00	41.05 1.21 -0.29	49.40 1.62 -2.47	54.34 2.01 -3.00	53.36 2.22 -3.63	54.18 2.15 -3.92	53.27 1.71 -1.18	37.13 0.97 0.00	41.79 0.95 0.00
EUCLID__115KV_TB2 356179	38.99 -0.75 0.00	38.96 -0.76 0.00	36.26 -0.79 0.00	35.55 -0.85 0.00	33.85 -0.82 0.00	35.20 -0.81 0.00	45.27 -0.89 0.00	47.56 -0.86 0.00	45.05 -0.79 0.00	46.41 -0.72 0.00	53.99 -0.64 0.00	49.45 -0.58 0.00	50.86 -0.49 0.00	51.01 -0.42 0.00	50.41 -0.30 0.00	47.36 -0.24 0.00	39.54 -0.08 -0.06	45.64 -0.18 -0.51	50.03 -0.10 -0.81	48.44 -0.04 -0.98	49.02 -0.14 -1.05	50.37 -0.33 -0.32	35.86 -0.31 0.00	40.43 -0.42 0.00
E_CANADA_CAP_HY 24051	41.48 1.74 0.00	41.31 1.59 0.00	38.48 1.43 0.00	37.77 1.36 0.00	36.30 1.62 0.00	37.85 1.85 0.00	48.65 2.49 0.00	51.68 2.64 -0.62	48.35 2.44 -0.08	49.62 2.49 0.00	57.90 3.28 0.00	52.76 2.73 0.00	54.38 3.03 0.00	54.73 3.30 0.00	54.11 3.40 0.00	50.92 3.32 0.00	42.43 2.88 0.00	48.55 3.24 0.00	53.10 3.77 0.00	51.25 3.75 0.00	51.62 3.51 0.00	53.77 3.39 0.00	38.33 2.17 0.00	43.32 2.48 0.00
E_CANADA_MHWK_HY 24050	40.50 0.76 0.00	40.53 0.81 0.00	37.84 0.80 0.00	37.19 0.79 0.00	35.50 0.83 0.00	36.86 0.85 0.00	47.16 1.00 0.00	49.55 1.13 0.00	46.96 1.12 0.00	48.21 1.08 0.00	55.28 0.65 0.00	50.00 -0.03 0.00	51.30 -0.05 0.00	51.69 0.26 0.00	50.81 0.10 0.00	48.10 0.50 0.00	39.96 0.40 0.00	45.80 0.49 0.00	49.78 0.45 0.00	48.12 0.61 0.00	48.71 0.60 0.00	50.82 0.44 0.00	36.25 0.09 0.00	40.89 0.04 0.00
E_FISHKILL__LBMP 23776	40.78 1.04 0.00	40.66 0.94 0.00	37.90 0.86 0.00	37.31 0.90 0.00	35.60 0.92 0.00	36.95 0.94 0.00	47.24 1.08 0.00	49.55 1.07 -0.06	47.09 1.24 -0.01	48.44 1.31 0.00	55.87 1.24 0.00	51.57 1.31 -0.23	52.71 1.36 0.00	52.77 1.35 0.00	52.20 1.48 0.00	49.75 2.05 -0.10	42.76 1.92 -1.28	49.19 2.17 -1.71	51.56 2.23 0.00	49.62 2.12 0.00	49.85 1.74 0.00	51.66 1.28 0.00	36.99 0.82 0.00	41.78 0.93 0.00
FALCON__SEABRD_CC1 323796	40.93 1.20 0.00	40.79 1.07 0.00	38.02 0.97 0.00	37.44 1.05 0.00	35.61 0.93 0.00	36.97 0.97 0.00	47.36 1.20 0.00	49.69 1.27 0.00	47.01 1.17 0.00	48.07 0.94 0.00	55.46 0.83 0.00	50.37 0.34 0.00	51.02 -0.33 0.00	50.40 -1.03 0.00	49.31 -1.40 0.00	45.65 -1.95 0.00	38.04 -1.51 0.00	43.62 -1.69 0.00	47.61 -1.73 0.00	45.88 -1.62 0.00	46.69 -1.42 0.00	49.56 -0.83 0.00	36.30 0.14 0.00	41.66 0.82 0.00
FALCON__SEABRD_CC2 323797	40.93 1.20 0.00	40.79 1.07 0.00	38.02 0.97 0.00	37.44 1.05 0.00	35.61 0.93 0.00	36.97 0.97 0.00	47.36 1.20 0.00	49.69 1.27 0.00	47.01 1.17 0.00	48.07 0.94 0.00	55.46 0.83 0.00	50.37 0.34 0.00	51.02 -0.33 0.00	50.40 -1.03 0.00	49.31 -1.40 0.00	45.65 -1.95 0.00	38.04 -1.51 0.00	43.62 -1.69 0.00	47.61 -1.73 0.00	45.88 -1.62 0.00	46.69 -1.42 0.00	49.56 -0.83 0.00	36.30 0.14 0.00	41.66 0.82 0.00

FAR ROCKAWAY___4 23548	42.06 2.32 0.00	42.00 2.28 0.00	38.89 1.85 0.00	38.21 1.81 0.00	36.51 1.84 0.00	38.08 2.08 0.00	48.26 2.10 0.00	50.50 2.03 -0.06	48.15 2.31 -0.01	49.66 2.53 0.00	57.84 3.21 0.00	54.41 3.32 -1.05	54.52 3.16 0.00	54.43 3.00 0.00	53.57 2.86 0.00	51.28 3.55 -0.13	44.80 3.24 -2.01	51.26 3.65 -2.30	53.40 4.07 0.00	51.31 3.81 0.00	51.60 3.48 0.00	53.15 2.76 0.00	38.26 2.10 0.00	43.14 2.29 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	41.24 1.50 0.00	41.05 1.34 0.00	38.22 1.18 0.00	37.59 1.19 0.00	35.88 1.20 0.00	37.31 1.31 0.00	47.70 1.54 0.00	50.10 1.62 -0.06	47.74 1.89 -0.01	49.19 2.06 0.00	56.65 2.02 0.00	53.06 2.05 -0.98	53.53 2.18 0.00	53.57 2.14 0.00	53.13 2.42 0.00	50.83 3.11 -0.13	44.40 2.82 -2.02	50.98 3.20 -2.47	52.57 3.23 0.00	50.62 3.12 0.00	50.77 2.66 0.00	52.47 2.09 0.00	37.55 1.38 0.00	42.45 1.60 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	41.24 1.51 0.00	41.05 1.34 0.00	38.23 1.19 0.00	37.60 1.20 0.00	35.89 1.21 0.00	37.31 1.31 0.00	47.72 1.55 0.00	50.10 1.62 -0.06	47.74 1.89 -0.01	49.18 2.05 0.00	56.64 2.01 0.00	53.04 2.03 -0.98	53.52 2.17 0.00	53.56 2.13 0.00	53.11 2.40 0.00	50.81 3.08 -0.13	44.38 2.80 -2.02	50.98 3.20 -2.47	52.56 3.23 0.00	50.62 3.11 0.00	50.77 2.66 0.00	52.47 2.09 0.00	37.55 1.38 0.00	42.45 1.60 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	41.21 1.48 0.00	41.02 1.30 0.00	38.20 1.16 0.00	37.57 1.17 0.00	35.86 1.19 0.00	37.28 1.28 0.00	47.69 1.53 0.00	50.07 1.59 -0.06	47.72 1.88 -0.01	49.16 2.03 0.00	56.61 1.98 0.00	53.02 2.01 -0.98	53.50 2.15 0.00	53.53 2.10 0.00	53.09 2.37 0.00	50.79 3.06 -0.13	44.36 2.78 -2.02	50.94 3.16 -2.47	52.52 3.18 0.00	50.57 3.06 0.00	50.71 2.60 0.00	52.42 2.03 0.00	37.51 1.35 0.00	42.41 1.56 0.00
FARRAGUT___LBMP 323566	41.18 1.44 0.00	40.99 1.27 0.00	38.17 1.13 0.00	37.54 1.13 0.00	35.83 1.15 0.00	37.26 1.25 0.00	47.65 1.49 0.00	50.01 1.53 -0.06	47.66 1.82 -0.01	49.09 1.96 0.00	56.53 1.90 0.00	52.96 1.95 -0.98	53.42 2.07 0.00	53.47 2.04 0.00	53.01 2.30 0.00	50.71 2.99 -0.13	44.30 2.72 -2.02	50.88 3.10 -2.47	52.46 3.12 0.00	50.52 3.01 0.00	50.66 2.55 0.00	52.37 1.98 0.00	37.48 1.32 0.00	42.38 1.53 0.00
FARRCKWY_69_KV_BK2 55825	42.06 2.32 0.00	42.00 2.28 0.00	38.89 1.85 0.00	38.21 1.81 0.00	36.51 1.84 0.00	38.08 2.08 0.00	48.26 2.10 0.00	50.50 2.03 -0.06	48.15 2.31 -0.01	49.66 2.53 0.00	57.84 3.21 0.00	54.41 3.32 -1.05	54.52 3.16 0.00	54.43 3.00 0.00	53.57 2.86 0.00	51.28 3.55 -0.13	44.80 3.24 -2.01	51.26 3.65 -2.30	53.40 4.07 0.00	51.31 3.81 0.00	51.60 3.48 0.00	53.15 2.76 0.00	38.26 2.10 0.00	43.14 2.29 0.00
FENNER___WINDPWR 24204	40.40 0.67 0.00	40.32 0.61 0.00	37.53 0.49 0.00	36.83 0.42 0.00	35.09 0.41 0.00	36.53 0.52 0.00	46.98 0.82 0.00	49.38 0.95 0.00	46.79 0.95 0.00	47.98 0.85 0.00	55.87 1.24 0.00	50.97 0.93 0.00	52.49 1.13 0.00	52.54 1.12 0.00	51.95 1.23 0.00	48.79 1.19 0.00	40.84 1.13 -0.15	48.19 1.58 -1.30	52.76 1.78 -1.64	51.35 1.86 -1.99	52.04 1.78 -2.15	52.55 1.52 -0.65	37.09 0.92 0.00	41.77 0.93 0.00
FIBERTEK___ENERGY 23856	39.38 -0.36 0.00	39.33 -0.39 0.00	36.59 -0.45 0.00	35.88 -0.52 0.00	34.18 -0.49 0.00	35.55 -0.46 0.00	45.79 -0.37 0.00	48.03 -0.39 0.00	45.51 -0.32 0.00	46.89 -0.23 0.00	54.56 -0.06 0.00	49.91 -0.13 0.00	51.30 -0.05 0.00	51.53 0.10 0.00	51.00 0.29 0.00	47.88 0.28 0.00	40.30 0.44 -0.30	48.50 0.61 -2.59	53.11 0.73 -3.05	51.97 0.76 -3.70	52.78 0.69 -3.99	51.97 0.38 -1.20	36.30 0.13 0.00	40.89 0.04 0.00
FITZPATRICK___ 23598	38.44 -1.30 0.00	38.42 -1.30 0.00	35.76 -1.28 0.00	35.09 -1.31 0.00	33.43 -1.25 0.00	34.73 -1.28 0.00	44.64 -1.52 0.00	46.86 -1.56 0.00	44.37 -1.47 0.00	45.69 -1.44 0.00	53.08 -1.55 0.00	48.63 -1.41 0.00	49.98 -1.37 0.00	50.10 -1.33 0.00	49.50 -1.21 0.00	46.50 -1.10 0.00	37.45 -0.82 1.29	33.18 -0.96 11.17	34.31 -0.99 14.03	29.58 -0.91 17.02	28.78 -0.98 18.35	43.64 -1.22 5.52	35.25 -0.92 0.00	39.76 -1.09 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	41.31 1.57 0.00	41.16 1.44 0.00	38.37 1.32 0.00	37.74 1.34 0.00	36.01 1.34 0.00	37.40 1.39 0.00	47.87 1.70 0.00	50.25 1.77 -0.06	47.77 1.93 -0.01	49.21 2.08 0.00	56.82 2.19 0.00	52.21 2.17 0.00	53.53 2.18 0.00	53.62 2.19 0.00	53.15 2.44 0.00	50.66 2.99 -0.07	43.20 2.76 -0.89	49.73 3.18 -1.25	52.64 3.31 0.00	50.64 3.14 0.00	50.81 2.71 0.00	52.60 2.21 0.00	37.59 1.43 0.00	42.40 1.55 0.00
FORT ORANGE___ 23900	40.32 0.59 0.00	40.35 0.64 0.00	37.70 0.66 0.00	37.10 0.70 0.00	35.39 0.72 0.00	36.69 0.68 0.00	46.82 0.66 0.00	49.40 0.66 -0.31	46.74 0.86 -0.04	47.69 0.56 0.00	54.51 -0.12 0.00	49.68 -0.36 0.00	50.82 -0.53 0.00	51.01 -0.42 0.00	49.99 -0.72 0.00	47.28 -0.32 0.00	39.17 -0.39 0.00	44.75 -0.56 0.00	48.60 -0.73 0.00	46.80 -0.70 0.00	47.57 -0.54 0.00	49.81 -0.57 0.00	35.78 -0.38 0.00	40.27 -0.57 0.00
FORT_DRUM_COGEN 23780	41.49 1.76 0.00	41.36 1.64 0.00	38.56 1.52 0.00	37.84 1.44 0.00	36.13 1.45 0.00	37.67 1.66 0.00	48.34 2.18 0.00	50.78 2.35 0.00	47.93 2.09 0.00	47.84 0.72 0.00	56.70 2.07 0.00	51.91 1.88 0.00	53.39 2.03 0.00	53.19 1.76 0.00	52.48 1.77 0.00	48.66 1.06 0.00	41.27 1.55 -0.17	49.14 2.39 -1.43	54.61 3.42 -1.86	53.45 3.69 -2.26	54.26 3.72 -2.44	54.69 3.57 -0.73	38.21 2.05 0.00	42.79 1.94 0.00
FOX_HILLS___ESR 323835	41.32 1.58 0.00	41.07 1.35 0.00	38.07 1.02 0.00	37.43 1.03 0.00	35.71 1.03 0.00	37.14 1.14 0.00	47.51 1.34 0.00	49.85 1.37 -0.06	47.57 1.73 -0.01	48.88 1.76 0.00	56.22 1.60 0.01	52.81 1.80 -0.98	53.38 2.03 0.00	53.43 2.00 0.00	52.84 2.13 0.00	50.67 2.94 -0.13	44.31 2.73 -2.02	50.74 2.96 -2.47	52.32 3.00 0.00	50.50 3.00 0.00	50.61 2.50 0.00	52.42 2.04 0.00	37.49 1.33 0.00	42.34 1.49 0.00
FPL_FAR_ROCK_GT1 24212	42.05 2.31 0.00	42.00 2.28 0.00	38.88 1.84 0.00	38.21 1.81 0.00	36.51 1.83 0.00	38.08 2.08 0.00	48.25 2.09 0.00	50.49 2.01 -0.06	48.15 2.31 -0.01	49.65 2.52 0.00	57.84 3.21 0.00	54.41 3.32 -1.06	54.51 3.15 0.00	54.44 3.01 0.00	53.57 2.86 0.00	51.24 3.51 -0.13	44.83 3.26 -2.01	51.27 3.66 -2.30	53.40 4.07 0.00	51.31 3.81 0.00	51.59 3.48 0.00	53.13 2.74 0.00	38.25 2.09 0.00	43.14 2.29 0.00
FPL_FAR_ROCK_GT2 23815	42.05 2.31 0.00	42.00 2.28 0.00	38.88 1.84 0.00	38.21 1.81 0.00	36.51 1.83 0.00	38.08 2.08 0.00	48.25 2.09 0.00	50.49 2.01 -0.06	48.15 2.31 -0.01	49.65 2.52 0.00	57.84 3.21 0.00	54.41 3.32 -1.06	54.51 3.15 0.00	54.44 3.01 0.00	53.57 2.86 0.00	51.24 3.51 -0.13	44.83 3.26 -2.01	51.27 3.66 -2.30	53.40 4.07 0.00	51.31 3.81 0.00	51.59 3.48 0.00	53.13 2.74 0.00	38.25 2.09 0.00	43.14 2.29 0.00

FRANKLIN_FALL_HYD 24054	40.33 0.59 0.00	40.23 0.51 0.00	37.54 0.49 0.00	36.96 0.55 0.00	35.14 0.46 0.00	36.51 0.50 0.00	46.73 0.57 0.00	49.10 0.68 0.00	46.40 0.57 0.00	47.69 0.56 0.00	55.23 0.60 0.00	50.50 0.46 0.00	51.56 0.21 0.00	51.38 -0.05 0.00	50.58 -0.14 0.00	47.18 -0.42 0.00	39.24 -0.32 0.00	44.99 -0.32 0.00	49.35 0.01 0.00	47.45 -0.06 0.00	48.19 0.08 0.00	50.61 0.23 0.00	36.59 0.42 0.00	41.48 0.63 0.00
FREEPORT_EQUS_GT1 23764	41.71 1.97 0.00	41.70 1.98 0.00	38.58 1.54 0.00	37.89 1.49 0.00	36.22 1.54 0.00	37.81 1.81 0.00	47.80 1.64 0.00	49.97 1.49 -0.06	47.64 1.79 -0.01	49.07 1.94 0.00	57.30 2.68 0.00	53.95 2.86 -1.06	53.90 2.54 0.00	53.77 2.34 0.00	52.62 1.91 0.00	40.61 2.63 9.62	39.62 2.48 2.41	49.61 2.84 -1.46	52.51 3.17 0.00	50.48 2.98 0.00	50.91 2.80 0.00	45.06 2.03 7.36	37.86 1.70 0.00	42.74 1.90 0.00
FREEPORT___CT2 23818	41.71 1.97 0.00	41.70 1.98 0.00	38.58 1.54 0.00	37.89 1.49 0.00	36.22 1.54 0.00	37.81 1.81 0.00	47.80 1.64 0.00	49.97 1.49 -0.06	47.64 1.79 -0.01	49.07 1.94 0.00	57.30 2.68 0.00	53.95 2.86 -1.06	53.90 2.54 0.00	53.77 2.34 0.00	52.62 1.91 0.00	40.61 2.63 9.62	39.62 2.48 2.41	49.61 2.84 -1.46	52.51 3.17 0.00	50.48 2.98 0.00	50.91 2.80 0.00	45.06 2.03 7.36	37.86 1.70 0.00	42.74 1.90 0.00
FRESHKLS_33_KV_LOAD 356253	41.35 1.62 0.00	41.08 1.36 0.00	38.02 0.97 0.00	37.38 0.98 0.00	35.65 0.97 0.00	37.09 1.08 0.00	47.45 1.29 0.00	49.77 1.30 -0.06	47.49 1.65 -0.01	48.79 1.66 0.00	56.05 1.44 0.01	52.71 1.69 -0.98	53.42 2.06 0.00	53.44 2.01 0.00	52.81 2.09 0.00	50.71 2.98 -0.13	44.38 2.80 -2.02	50.79 3.02 -2.47	52.39 3.06 0.00	50.58 3.08 0.00	50.69 2.59 0.00	52.51 2.13 0.00	37.51 1.35 0.00	42.35 1.50 0.00
FULTON COGEN____ 23766	38.89 -0.84 0.00	38.86 -0.86 0.00	36.17 -0.87 0.00	35.48 -0.92 0.00	33.78 -0.90 0.00	35.13 -0.88 0.00	45.19 -0.97 0.00	47.47 -0.96 0.00	44.97 -0.87 0.00	46.27 -0.85 0.00	53.81 -0.81 0.00	49.14 -0.90 0.00	50.57 -0.78 0.00	50.72 -0.71 0.00	50.10 -0.61 0.00	47.12 -0.48 0.00	39.73 -0.23 -0.42	48.55 -0.35 -3.59	53.66 -0.25 -4.58	52.90 -0.16 -5.55	53.85 -0.25 -5.98	51.75 -0.44 -1.80	35.77 -0.39 0.00	40.32 -0.52 0.00
FULTON___LFGE 323630	41.65 1.92 0.00	41.53 1.81 0.00	38.71 1.67 0.00	37.99 1.60 0.00	36.35 1.67 0.00	37.85 1.85 0.00	48.63 2.47 0.00	51.70 2.66 -0.62	48.43 2.51 -0.08	49.70 2.57 0.00	57.82 3.19 0.00	52.44 2.41 0.00	53.85 2.50 0.00	54.30 2.87 0.00	53.66 2.94 0.00	50.62 3.03 0.00	42.17 2.61 0.00	48.23 2.93 0.00	52.73 3.39 0.00	50.95 3.45 0.00	51.41 3.30 0.00	53.56 3.17 0.00	38.23 2.06 0.00	43.10 2.26 0.00
G.F.CEMENT___DRP 24184	41.81 2.08 0.00	41.83 2.12 0.00	38.98 1.93 0.00	38.32 1.91 0.00	36.42 1.75 0.00	37.92 1.91 0.00	48.65 2.49 0.00	51.69 2.70 -0.57	48.61 2.70 -0.07	49.69 2.56 0.00	56.63 2.00 0.00	51.64 1.61 0.00	52.89 1.53 0.00	52.88 1.45 0.00	51.69 0.98 0.00	48.86 1.27 0.00	40.89 1.33 0.00	46.88 1.57 0.00	51.34 2.01 0.00	49.60 2.10 0.00	50.49 2.39 0.00	52.92 2.53 0.00	37.82 1.65 0.00	42.52 1.68 0.00
GARDENVILLE___LBMP 24039	38.92 -0.82 0.00	38.96 -0.76 0.00	35.75 -1.29 0.00	34.73 -1.67 0.00	32.89 -1.79 0.00	34.28 -1.73 0.00	44.67 -1.49 0.00	47.16 -1.26 0.00	44.61 -1.22 0.00	46.64 -0.49 0.00	55.08 0.45 0.00	50.65 0.62 0.00	52.70 1.34 0.00	52.71 1.28 0.00	52.40 1.69 0.00	48.86 1.26 0.00	41.13 1.52 -0.05	46.87 1.12 -0.44	51.21 1.39 -0.50	49.70 1.60 -0.60	50.13 1.38 -0.65	51.55 0.97 -0.19	37.06 0.90 0.00	41.85 1.00 0.00
GARDNVLA_35_KV_LD 355827	39.07 -0.66 0.00	39.14 -0.58 0.00	35.90 -1.14 0.00	34.85 -1.55 0.00	33.00 -1.67 0.00	34.41 -1.59 0.00	44.85 -1.31 0.00	47.36 -1.06 0.00	44.81 -1.03 0.00	46.87 -0.26 0.00	55.38 0.76 0.00	50.96 0.93 0.00	53.07 1.71 0.00	53.10 1.67 0.00	52.82 2.11 0.00	49.27 1.67 0.00	41.45 1.84 -0.05	47.19 1.45 -0.44	51.56 1.74 -0.49	50.03 1.93 -0.59	50.44 1.70 -0.63	51.86 1.29 -0.19	37.30 1.14 0.00	42.12 1.27 0.00
GELCKHM__115KV_LOAD 80723	39.17 -0.56 0.00	39.13 -0.59 0.00	36.41 -0.64 0.00	35.71 -0.70 0.00	34.01 -0.66 0.00	35.37 -0.64 0.00	45.51 -0.65 0.00	47.78 -0.64 0.00	45.28 -0.56 0.00	46.64 -0.49 0.00	54.26 -0.37 0.00	49.68 -0.36 0.00	51.09 -0.27 0.00	51.28 -0.15 0.00	50.71 0.00 0.00	47.61 0.01 0.00	39.89 0.18 -0.15	46.82 0.19 -1.33	51.29 0.29 -1.67	49.86 0.34 -2.02	50.52 0.24 -2.18	51.04 0.00 -0.65	36.06 -0.10 0.00	40.64 -0.20 0.00
GENERAL___MILLS 23808	39.00 -0.74 0.00	39.06 -0.65 0.00	35.84 -1.21 0.00	34.80 -1.60 0.00	32.96 -1.72 0.00	34.35 -1.66 0.00	44.77 -1.39 0.00	47.27 -1.16 0.00	44.72 -1.12 0.00	46.76 -0.37 0.00	55.24 0.61 0.00	50.81 0.78 0.00	52.87 1.52 0.00	52.90 1.48 0.00	52.63 1.91 0.00	49.07 1.47 0.00	41.28 1.68 -0.05	47.01 1.27 -0.44	51.36 1.54 -0.49	49.84 1.74 -0.59	50.28 1.53 -0.64	51.70 1.12 -0.19	37.19 1.02 0.00	42.00 1.15 0.00
GE_PLASTICS___DRP 24183	40.19 0.45 0.00	40.21 0.49 0.00	37.58 0.54 0.00	36.97 0.57 0.00	35.25 0.58 0.00	36.54 0.53 0.00	46.66 0.50 0.00	49.06 0.39 -0.25	46.20 0.33 -0.03	47.23 0.10 0.00	54.18 -0.45 0.00	49.64 -0.40 0.00	50.81 -0.54 0.00	50.94 -0.49 0.00	50.05 -0.66 0.00	47.34 -0.25 0.00	39.27 -0.28 0.00	44.88 -0.43 0.00	48.75 -0.59 0.00	46.95 -0.55 0.00	47.63 -0.48 0.00	49.77 -0.62 0.00	35.72 -0.44 0.00	40.37 -0.48 0.00
GILBOA___1 23756	40.23 0.49 0.00	40.23 0.51 0.00	37.67 0.62 0.00	37.03 0.63 0.00	35.30 0.63 0.00	36.52 0.51 0.00	46.71 0.55 0.00	48.94 0.49 -0.03	46.32 0.48 0.00	47.60 0.46 0.00	55.00 0.38 0.00	50.45 0.42 0.00	51.78 0.42 0.00	51.87 0.44 0.00	51.20 0.48 0.00	48.42 0.82 0.00	40.32 0.72 -0.05	46.43 0.73 -0.39	50.52 0.70 -0.48	48.79 0.71 -0.58	49.28 0.54 -0.63	51.01 0.43 -0.19	36.41 0.24 0.00	41.10 0.25 0.00
GILBOA___2 23757	40.23 0.49 0.00	40.23 0.51 0.00	37.67 0.62 0.00	37.03 0.63 0.00	35.30 0.63 0.00	36.52 0.51 0.00	46.71 0.55 0.00	48.94 0.49 -0.03	46.32 0.48 0.00	47.60 0.46 0.00	55.00 0.38 0.00	50.45 0.42 0.00	51.78 0.42 0.00	51.87 0.44 0.00	51.20 0.48 0.00	48.42 0.82 0.00	40.32 0.72 -0.05	46.43 0.73 -0.39	50.52 0.70 -0.48	48.79 0.71 -0.58	49.28 0.54 -0.63	51.01 0.43 -0.19	36.41 0.24 0.00	41.10 0.25 0.00
GILBOA___3 23758	40.23 0.49 0.00	40.23 0.51 0.00	37.67 0.62 0.00	37.03 0.63 0.00	35.30 0.63 0.00	36.52 0.51 0.00	46.71 0.55 0.00	48.94 0.49 -0.03	46.32 0.48 0.00	47.60 0.46 0.00	55.00 0.38 0.00	50.45 0.42 0.00	51.78 0.42 0.00	51.87 0.44 0.00	51.20 0.48 0.00	48.42 0.82 0.00	40.32 0.72 -0.05	46.43 0.73 -0.39	50.52 0.70 -0.48	48.79 0.71 -0.58	49.28 0.54 -0.63	51.01 0.43 -0.19	36.41 0.24 0.00	41.10 0.25 0.00

GILBOA___4 23759	40.23 0.49 0.00	40.23 0.51 0.00	37.67 0.62 0.00	37.03 0.63 0.00	35.30 0.63 0.00	36.52 0.51 0.00	46.71 0.55 0.00	48.94 0.49 -0.03	46.32 0.48 0.00	47.60 0.46 0.00	55.00 0.38 0.00	50.45 0.42 0.00	51.78 0.42 0.00	51.87 0.44 0.00	51.20 0.48 0.00	48.42 0.82 0.00	40.32 0.72 -0.05	46.43 0.73 -0.39	50.52 0.70 -0.48	48.79 0.71 -0.58	49.28 0.54 -0.63	51.01 0.43 -0.19	36.41 0.24 0.00	41.10 0.25 0.00
GILBOA____ 23599	40.23 0.49 0.00	40.23 0.51 0.00	37.67 0.62 0.00	37.03 0.63 0.00	35.30 0.63 0.00	36.52 0.51 0.00	46.71 0.55 0.00	48.95 0.50 -0.03	46.31 0.47 0.00	47.60 0.46 0.00	55.00 0.37 0.00	50.45 0.42 0.00	51.78 0.42 0.00	51.87 0.44 0.00	51.20 0.48 0.00	48.42 0.82 0.00	40.32 0.72 -0.05	46.43 0.72 -0.39	50.52 0.70 -0.48	48.79 0.71 -0.58	49.27 0.54 -0.63	51.01 0.43 -0.19	36.40 0.24 0.00	41.10 0.25 0.00
GINNA____ 23603	35.50 -2.08 2.16	34.91 -2.01 2.80	32.43 -2.19 2.43	33.19 -2.39 0.83	31.45 -2.33 0.90	32.42 -2.27 1.31	41.13 -2.46 2.57	42.67 -2.35 3.41	42.12 -2.28 1.44	41.56 -1.97 3.60	49.08 -1.63 3.92	48.29 -1.37 0.38	49.93 -0.99 0.44	50.59 -0.84 0.00	50.22 -0.49 0.00	47.05 -0.55 0.00	37.39 -0.21 1.95	44.88 -0.43 0.00	48.58 -0.33 0.42	44.55 -0.32 2.65	46.24 -0.55 1.32	48.79 -1.03 0.57	33.88 -0.74 1.54	38.34 -0.95 1.57
GLEN PARK____ 23778	41.57 1.84 0.00	41.44 1.72 0.00	38.63 1.58 0.00	37.91 1.51 0.00	36.19 1.51 0.00	37.74 1.73 0.00	48.45 2.29 0.00	50.92 2.50 0.00	48.06 2.23 0.00	48.00 0.87 0.00	56.81 2.19 0.00	52.07 2.04 0.00	53.55 2.19 0.00	53.30 1.87 0.00	52.60 1.89 0.00	48.72 1.12 0.00	41.40 1.67 -0.17	49.39 2.58 -1.51	54.92 3.64 -1.95	53.76 3.88 -2.37	54.60 3.94 -2.56	54.95 3.80 -0.77	38.34 2.18 0.00	42.92 2.07 0.00
GLENDALE_27_KV_LOAD 356172	41.50 1.77 0.00	41.28 1.56 0.00	38.39 1.34 0.00	37.75 1.35 0.00	36.03 1.36 0.00	37.48 1.48 0.00	47.93 1.76 0.00	50.27 1.80 -0.06	47.99 2.15 -0.01	49.39 2.26 0.00	56.85 2.22 0.00	53.31 2.30 -0.98	53.73 2.38 0.00	53.78 2.35 0.00	53.28 2.57 0.00	51.01 3.29 -0.13	44.59 3.02 -2.02	51.14 3.37 -2.47	52.68 3.35 0.00	50.76 3.26 0.00	50.83 2.72 0.00	52.59 2.21 0.00	37.70 1.54 0.00	42.60 1.75 0.00
GLENWOOD_IC_1_G5 23712	41.47 1.74 0.00	41.40 1.68 0.00	38.43 1.39 0.00	37.77 1.37 0.00	36.07 1.40 0.00	37.57 1.56 0.00	47.77 1.61 0.00	50.00 1.52 -0.06	47.38 1.54 -0.01	48.82 1.70 0.00	57.10 2.47 0.00	53.65 2.56 -1.05	53.79 2.43 0.00	53.46 2.03 0.00	52.71 1.99 0.00	44.65 2.68 5.63	41.43 2.47 0.60	50.06 2.80 -1.95	52.32 2.98 0.00	50.30 2.80 0.00	50.52 2.41 0.00	47.77 1.74 4.35	37.47 1.31 0.00	42.55 1.71 0.00
GLENWOOD_IC_2_G1 23688	41.29 1.55 0.00	41.18 1.47 0.00	38.27 1.22 0.00	37.62 1.22 0.00	35.93 1.25 0.00	37.40 1.40 0.00	47.62 1.46 0.00	49.88 1.40 -0.06	47.48 1.64 -0.01	48.88 1.76 0.00	56.73 2.10 0.00	53.28 2.19 -1.06	53.52 2.17 0.00	53.48 2.05 0.00	52.81 2.10 0.00	50.47 2.74 -0.13	44.10 2.53 -2.01	50.65 2.88 -2.46	52.37 3.03 0.00	50.37 2.87 0.00	50.58 2.47 0.00	52.24 1.86 0.00	37.49 1.33 0.00	42.37 1.53 0.00
GLENWOOD_IC_3_G1 23689	41.29 1.55 0.00	41.18 1.47 0.00	38.27 1.22 0.00	37.62 1.22 0.00	35.93 1.25 0.00	37.40 1.40 0.00	47.62 1.46 0.00	49.88 1.40 -0.06	47.48 1.64 -0.01	48.88 1.76 0.00	56.73 2.10 0.00	53.28 2.19 -1.06	53.52 2.17 0.00	53.48 2.05 0.00	52.81 2.10 0.00	50.47 2.74 -0.13	44.10 2.53 -2.01	50.65 2.88 -2.46	52.37 3.03 0.00	50.37 2.87 0.00	50.58 2.47 0.00	52.24 1.86 0.00	37.49 1.33 0.00	42.37 1.53 0.00
GLENWOOD___4 23550	41.47 1.74 0.00	41.40 1.68 0.00	38.43 1.39 0.00	37.77 1.37 0.00	36.07 1.40 0.00	37.57 1.56 0.00	47.77 1.61 0.00	50.01 1.53 -0.06	47.48 1.64 -0.01	48.93 1.81 0.00	57.10 2.47 0.00	53.65 2.56 -1.05	53.80 2.44 0.00	53.56 2.14 0.00	52.83 2.12 0.00	44.77 2.80 5.63	41.53 2.57 0.60	50.16 2.91 -1.95	52.42 3.09 0.00	50.43 2.92 0.00	50.64 2.53 0.00	47.90 1.86 4.35	37.55 1.39 0.00	42.55 1.71 0.00
GLENWOOD___5 23614	41.47 1.74 0.00	41.40 1.68 0.00	38.43 1.39 0.00	37.77 1.37 0.00	36.07 1.40 0.00	37.57 1.56 0.00	47.77 1.61 0.00	50.01 1.53 -0.06	47.48 1.64 -0.01	48.93 1.81 0.00	57.10 2.47 0.00	53.65 2.56 -1.05	53.80 2.44 0.00	53.56 2.14 0.00	52.83 2.12 0.00	44.77 2.80 5.63	41.53 2.57 0.60	50.16 2.91 -1.95	52.42 3.09 0.00	50.43 2.92 0.00	50.64 2.53 0.00	47.90 1.86 4.35	37.55 1.39 0.00	42.55 1.71 0.00
GLOBAL GREEN_PORT_GT1 23814	43.40 3.66 0.00	43.84 4.12 0.00	40.21 3.16 0.00	39.47 3.07 0.00	37.75 3.07 0.00	39.65 3.65 0.00	49.50 3.33 0.00	51.51 3.04 -0.06	48.56 2.72 -0.01	49.68 2.55 0.00	58.24 3.61 0.00	55.11 4.02 -1.06	54.42 3.06 0.00	53.64 2.21 0.00	52.14 1.43 0.00	30.98 2.16 18.78	35.23 2.25 6.57	49.35 3.01 -1.03	53.21 3.88 0.00	50.66 3.16 0.00	50.64 2.53 0.00	37.21 1.09 14.27	38.21 2.05 0.00	43.41 2.56 0.00
GLOBE___DSASP 323697	37.93 -1.81 0.00	37.97 -1.75 0.00	34.86 -2.19 0.00	33.98 -2.42 0.00	32.21 -2.47 0.00	33.60 -2.41 0.00	43.41 -2.75 0.00	45.65 -2.78 0.00	43.04 -2.80 0.00	44.94 -2.19 0.00	53.18 -1.44 0.00	49.02 -1.02 0.00	50.91 -0.44 0.00	50.99 -0.44 0.00	50.73 0.02 0.00	47.26 -0.33 0.00	39.72 0.14 -0.02	44.88 -0.65 -0.22	48.73 -0.60 0.00	47.10 -0.40 0.00	47.37 -0.74 0.00	49.31 -1.08 0.00	35.85 -0.31 0.00	40.66 -0.19 0.00
GOETHSLN___LBMP 323567	40.95 1.21 0.00	40.75 1.04 0.00	37.97 0.92 0.00	37.35 0.95 0.00	35.65 0.98 0.00	37.07 1.06 0.00	47.39 1.22 0.00	49.76 1.28 -0.06	47.40 1.56 -0.01	48.84 1.72 0.00	56.25 1.62 0.00	52.75 1.73 -0.98	53.28 1.93 0.00	53.38 1.95 0.00	52.90 2.19 0.00	50.58 2.85 -0.13	44.19 2.61 -2.02	50.74 2.96 -2.47	52.33 3.00 0.00	50.44 2.93 0.00	50.61 2.50 0.00	52.31 1.92 0.00	37.36 1.20 0.00	42.21 1.36 0.00
GOLAH___69_KV_TB 1_2 80279	39.79 0.06 0.00	39.83 0.11 0.00	36.76 -0.29 0.00	35.75 -0.65 0.00	33.95 -0.73 0.00	35.47 -0.54 0.00	46.08 -0.08 0.00	48.55 0.13 0.00	45.90 0.07 0.00	47.61 0.48 0.00	55.89 1.26 0.00	51.63 1.60 0.00	53.38 2.03 0.00	53.51 2.08 0.00	53.30 2.59 0.00	49.83 2.23 0.00	41.67 2.11 0.00	47.38 2.07 0.00	51.75 2.42 0.00	50.21 2.70 0.00	50.56 2.45 0.00	52.47 2.08 0.00	37.70 1.53 0.00	42.40 1.55 0.00
GOODYEAR_LAKE_HYD 323669	40.73 0.99 0.00	40.59 0.87 0.00	37.88 0.84 0.00	37.18 0.77 0.00	35.49 0.82 0.00	36.84 0.84 0.00	47.29 1.13 0.00	49.74 1.30 -0.02	47.14 1.30 0.00	48.43 1.30 0.00	56.18 1.55 0.00	51.57 1.54 0.00	52.98 1.62 0.00	53.09 1.66 0.00	52.49 1.78 0.00	49.58 1.98 0.00	41.49 1.80 -0.14	48.62 2.10 -1.21	53.13 2.31 -1.48	51.58 2.28 -1.80	52.11 2.06 -1.94	52.74 1.77 -0.58	37.26 1.10 0.00	41.98 1.13 0.00

GOWANUS_GT4_4 24133	41.43 1.70 0.00	41.19 1.47 0.00	38.23 1.19 0.00	37.58 1.18 0.00	35.88 1.20 0.00	37.30 1.29 0.00	47.69 1.53 0.00	50.08 1.60 -0.06	47.76 1.92 -0.01	49.13 2.00 0.00	56.54 1.92 0.00	53.06 2.05 -0.98	53.53 2.18 0.00	53.58 2.16 0.00	53.03 2.32 0.00	50.80 3.07 -0.13	44.41 2.83 -2.02	50.88 3.10 -2.47	52.46 3.13 0.00	50.61 3.11 0.00	50.73 2.63 0.00	52.53 2.15 0.00	37.59 1.43 0.00	42.45 1.61 0.00
GOWANUS_GT4_5 24134	41.43 1.70 0.00	41.19 1.47 0.00	38.23 1.19 0.00	37.58 1.18 0.00	35.88 1.20 0.00	37.30 1.29 0.00	47.69 1.53 0.00	50.08 1.60 -0.06	47.76 1.92 -0.01	49.13 2.00 0.00	56.54 1.92 0.00	53.06 2.05 -0.98	53.53 2.18 0.00	53.58 2.16 0.00	53.03 2.32 0.00	50.80 3.07 -0.13	44.41 2.83 -2.02	50.88 3.10 -2.47	52.46 3.13 0.00	50.61 3.11 0.00	50.73 2.63 0.00	52.53 2.15 0.00	37.59 1.43 0.00	42.45 1.61 0.00
GOWANUS_GT4_6 24135	41.43 1.70 0.00	41.19 1.47 0.00	38.23 1.19 0.00	37.58 1.18 0.00	35.88 1.20 0.00	37.30 1.29 0.00	47.69 1.53 0.00	50.08 1.60 -0.06	47.76 1.92 -0.01	49.13 2.00 0.00	56.54 1.92 0.00	53.06 2.05 -0.98	53.53 2.18 0.00	53.58 2.16 0.00	53.03 2.32 0.00	50.80 3.07 -0.13	44.41 2.83 -2.02	50.88 3.10 -2.47	52.46 3.13 0.00	50.61 3.11 0.00	50.73 2.63 0.00	52.53 2.15 0.00	37.59 1.43 0.00	42.45 1.61 0.00
GOWANUS_GT4_7 24136	41.43 1.70 0.00	41.19 1.47 0.00	38.23 1.19 0.00	37.58 1.18 0.00	35.88 1.20 0.00	37.30 1.29 0.00	47.69 1.53 0.00	50.08 1.60 -0.06	47.76 1.92 -0.01	49.13 2.00 0.00	56.54 1.92 0.00	53.06 2.05 -0.98	53.53 2.18 0.00	53.58 2.16 0.00	53.03 2.32 0.00	50.80 3.07 -0.13	44.41 2.83 -2.02	50.88 3.10 -2.47	52.46 3.13 0.00	50.61 3.11 0.00	50.73 2.63 0.00	52.53 2.15 0.00	37.59 1.43 0.00	42.45 1.61 0.00
GOWANUS_GT4_8 24137	41.43 1.70 0.00	41.19 1.47 0.00	38.23 1.19 0.00	37.58 1.18 0.00	35.88 1.20 0.00	37.30 1.29 0.00	47.69 1.53 0.00	50.08 1.60 -0.06	47.76 1.92 -0.01	49.13 2.00 0.00	56.54 1.92 0.00	53.06 2.05 -0.98	53.53 2.18 0.00	53.58 2.16 0.00	53.03 2.32 0.00	50.80 3.07 -0.13	44.41 2.83 -2.02	50.88 3.10 -2.47	52.46 3.13 0.00	50.61 3.11 0.00	50.73 2.63 0.00	52.53 2.15 0.00	37.59 1.43 0.00	42.45 1.61 0.00
GREENBSH_115KV_TB3 55895	40.08 0.35 0.00	40.13 0.41 0.00	37.50 0.46 0.00	36.90 0.50 0.00	35.21 0.53 0.00	36.48 0.47 0.00	46.54 0.38 0.00	49.10 0.36 -0.32	46.46 0.59 -0.04	47.46 0.33 0.00	54.24 -0.39 0.00	49.68 -0.35 0.00	50.84 -0.52 0.00	51.03 -0.39 0.00	49.95 -0.76 0.00	47.32 -0.28 0.00	39.20 -0.35 0.00	44.77 -0.54 0.00	48.59 -0.74 0.00	46.79 -0.71 0.00	47.58 -0.53 0.00	49.78 -0.60 0.00	35.78 -0.38 0.00	40.27 -0.57 0.00
GREENDGE_115KV_TB5 80291	39.78 0.05 0.00	39.66 -0.06 0.00	36.77 -0.27 0.00	35.93 -0.47 0.00	34.04 -0.64 0.00	35.37 -0.64 0.00	45.93 -0.23 0.00	48.36 -0.07 0.00	45.97 0.13 0.00	47.64 0.51 0.00	55.78 1.15 0.00	51.04 1.01 0.00	52.38 1.03 0.00	52.49 1.06 0.00	52.29 1.58 0.00	49.05 1.46 0.00	41.19 1.46 -0.17	48.64 1.86 -1.47	53.60 2.52 -1.74	52.46 2.85 -2.11	53.10 2.72 -2.27	53.30 2.23 -0.68	37.49 1.33 0.00	42.23 1.38 0.00
GREENIDGE___3 23582	39.78 0.05 0.00	39.66 -0.06 0.00	36.77 -0.27 0.00	35.93 -0.47 0.00	34.04 -0.64 0.00	35.37 -0.64 0.00	45.93 -0.23 0.00	48.36 -0.07 0.00	45.97 0.13 0.00	47.64 0.51 0.00	55.78 1.15 0.00	51.04 1.01 0.00	52.38 1.03 0.00	52.49 1.06 0.00	52.29 1.58 0.00	49.05 1.46 0.00	41.19 1.46 -0.17	48.64 1.86 -1.47	53.60 2.52 -1.74	52.46 2.85 -2.11	53.10 2.72 -2.27	53.30 2.23 -0.68	37.49 1.33 0.00	42.23 1.38 0.00
GREENIDGE___4 23583	41.54 0.04 -1.76	41.95 -0.05 -2.29	38.77 -0.26 -1.98	36.61 -0.47 -0.68	34.78 -0.63 -0.74	36.45 -0.63 -1.08	48.04 -0.23 -2.12	51.29 -0.04 -2.91	47.17 0.11 -1.23	51.27 0.52 -3.62	59.00 1.15 -3.22	51.35 1.01 -0.31	52.75 1.03 -0.36	52.49 1.06 0.00	52.29 1.58 0.00	49.06 1.46 0.00	42.79 1.46 -1.77	48.64 1.86 -1.47	53.98 2.52 -2.12	54.81 2.82 -4.48	54.30 2.73 -3.46	53.77 2.24 -1.15	38.76 1.32 -1.27	43.52 1.38 -1.29
GREENLWN_69_KV_BK 3 55738	41.32 1.58 0.00	41.51 1.79 0.00	38.36 1.31 0.00	37.65 1.25 0.00	36.02 1.34 0.00	37.63 1.63 0.00	47.32 1.16 0.00	49.21 0.73 -0.06	46.86 1.02 -0.01	48.25 1.12 0.00	56.54 1.91 0.00	53.35 2.26 -1.05	53.04 1.69 0.00	52.80 1.37 0.00	51.75 1.04 0.00	31.07 1.80 18.33	34.88 1.70 6.37	48.30 1.93 -1.07	51.58 2.24 0.00	49.50 2.00 0.00	49.78 1.67 0.00	37.30 0.85 13.94	37.31 1.15 0.00	42.23 1.38 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	41.43 1.70 0.00	41.19 1.47 0.00	38.23 1.19 0.00	37.58 1.18 0.00	35.88 1.20 0.00	37.30 1.29 0.00	47.69 1.53 0.00	50.08 1.60 -0.06	47.76 1.92 -0.01	49.13 2.00 0.00	56.54 1.92 0.00	53.06 2.05 -0.98	53.53 2.18 0.00	53.58 2.16 0.00	53.03 2.32 0.00	50.80 3.07 -0.13	44.41 2.83 -2.02	50.88 3.10 -2.47	52.46 3.13 0.00	50.61 3.11 0.00	50.73 2.63 0.00	52.53 2.15 0.00	37.59 1.43 0.00	42.45 1.61 0.00
GRISSOM___SOLAR 323813	41.58 1.85 0.00	41.49 1.77 0.00	38.69 1.65 0.00	37.98 1.57 0.00	36.29 1.62 0.00	37.76 1.76 0.00	48.50 2.34 0.00	51.56 2.52 -0.62	48.30 2.39 -0.08	49.56 2.43 0.00	57.56 2.93 0.00	52.15 2.12 0.00	53.44 2.09 0.00	53.94 2.51 0.00	53.29 2.58 0.00	50.33 2.74 0.00	41.92 2.36 0.00	47.96 2.65 0.00	52.41 3.07 0.00	50.65 3.15 0.00	51.14 3.03 0.00	53.30 2.91 0.00	38.06 1.90 0.00	42.91 2.07 0.00
GROVEVILLE___HYD 323602	41.31 1.57 0.00	41.16 1.44 0.00	38.37 1.32 0.00	37.74 1.34 0.00	36.01 1.34 0.00	37.40 1.39 0.00	47.87 1.70 0.00	50.25 1.77 -0.06	47.77 1.93 -0.01	49.21 2.08 0.00	56.82 2.19 0.00	52.21 2.17 0.00	53.53 2.18 0.00	53.62 2.19 0.00	53.15 2.44 0.00	50.66 2.99 -0.07	43.20 2.76 -0.89	49.73 3.18 -1.25	52.64 3.31 0.00	50.64 3.14 0.00	50.81 2.71 0.00	52.60 2.21 0.00	37.59 1.43 0.00	42.40 1.55 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	39.38 -0.36 0.00	39.33 -0.39 0.00	36.59 -0.45 0.00	35.88 -0.52 0.00	34.18 -0.49 0.00	35.55 -0.46 0.00	45.79 -0.37 0.00	48.03 -0.39 0.00	45.51 -0.32 0.00	46.89 -0.23 0.00	54.56 -0.06 0.00	49.91 -0.13 0.00	51.30 -0.05 0.00	51.53 0.10 0.00	51.00 0.29 0.00	47.88 0.28 0.00	40.30 0.44 -0.30	48.50 0.61 -2.59	53.11 0.73 -3.05	51.97 0.76 -3.70	52.78 0.69 -3.99	51.97 0.38 -1.20	36.30 0.13 0.00	40.89 0.04 0.00
HAMLTNNY_34_KV_TB 80303	39.53 -0.20 0.00	39.45 -0.27 0.00	36.69 -0.35 0.00	35.95 -0.45 0.00	34.24 -0.44 0.00	35.62 -0.39 0.00	45.94 -0.23 0.00	48.25 -0.17 0.00	45.73 -0.11 0.00	47.12 -0.01 0.00	54.89 0.26 0.00	50.08 0.05 0.00	51.59 0.24 0.00	51.83 0.40 0.00	51.45 0.74 0.00	48.21 0.62 0.00	40.68 0.78 -0.34	49.39 1.10 -2.98	53.99 1.27 -3.39	52.90 1.28 -4.11	53.74 1.20 -4.44	52.52 0.80 -1.33	36.57 0.40 0.00	41.15 0.31 0.00

HAMPSHIRE___PAPER_HYD 323593	40.53 0.80 0.00	40.49 0.77 0.00	37.80 0.76 0.00	37.19 0.79 0.00	35.43 0.76 0.00	36.89 0.89 0.00	47.34 1.18 0.00	49.57 1.15 0.00	46.80 0.96 0.00	47.51 0.39 0.00	55.50 0.87 0.00	50.63 0.60 0.00	51.68 0.33 0.00	51.58 0.15 0.00	50.72 0.01 0.00	46.87 -0.73 0.00	39.09 -0.53 -0.06	45.37 -0.42 -0.48	49.87 -0.08 -0.63	48.36 0.09 -0.76	49.39 0.46 -0.82	51.34 0.71 -0.25	36.86 0.70 0.00	41.77 0.92 0.00
HARDSCRABBLE_WT_PWR 323673	40.41 0.67 0.00	40.41 0.70 0.00	37.72 0.67 0.00	37.07 0.66 0.00	35.35 0.68 0.00	36.74 0.73 0.00	46.97 0.81 0.00	49.33 0.91 0.00	46.72 0.88 0.00	48.01 0.88 0.00	55.15 0.52 0.00	50.07 0.04 0.00	51.40 0.04 0.00	51.74 0.31 0.00	50.91 0.20 0.00	48.14 0.54 0.00	39.97 0.41 0.00	45.82 0.51 0.00	49.79 0.45 0.00	48.09 0.58 0.00	48.61 0.50 0.00	50.74 0.36 0.00	36.19 0.03 0.00	40.88 0.03 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.92 1.18 0.00	40.73 1.01 0.00	37.99 0.95 0.00	37.36 0.96 0.00	35.64 0.97 0.00	37.03 1.03 0.00	47.36 1.20 0.00	49.72 1.25 -0.05	47.30 1.45 -0.01	48.74 1.61 0.00	56.41 1.78 0.00	51.35 1.93 0.61	53.37 2.02 0.00	53.49 2.06 0.00	53.03 2.31 0.00	50.81 2.86 -0.35	46.21 2.65 -4.00	54.52 3.06 -6.15	52.59 3.22 -0.04	50.59 3.08 0.00	50.76 2.66 0.00	52.50 2.11 0.00	37.48 1.31 0.00	42.24 1.39 0.00
HARSNRAD_115KV_TB1 81005	38.56 -1.17 0.00	38.77 -0.95 0.00	35.56 -1.49 0.00	34.52 -1.89 0.00	32.70 -1.97 0.00	34.12 -1.88 0.00	44.43 -1.74 0.00	46.86 -1.57 0.00	44.16 -1.67 0.00	46.05 -1.08 0.00	54.15 -0.48 0.00	49.84 -0.19 0.00	51.84 0.49 0.00	51.94 0.52 0.00	51.56 0.85 0.00	48.01 0.41 0.00	40.43 0.85 -0.02	45.73 0.19 -0.23	49.71 0.37 0.00	48.15 0.65 0.00	48.47 0.36 0.00	50.32 -0.06 0.00	36.43 0.26 0.00	41.17 0.32 0.00
HARZA MOOSE___RIVER 24016	40.99 1.25 0.00	40.92 1.20 0.00	38.13 1.09 0.00	37.45 1.06 0.00	35.72 1.05 0.00	37.20 1.19 0.00	47.70 1.54 0.00	50.03 1.61 0.00	47.32 1.48 0.00	47.84 0.72 0.00	56.14 1.52 0.00	51.26 1.23 0.00	52.80 1.45 0.00	52.82 1.39 0.00	52.09 1.38 0.00	48.71 1.11 0.00	40.70 1.09 -0.06	47.50 1.70 -0.50	52.21 2.21 -0.66	50.62 2.31 -0.80	51.27 2.30 -0.87	52.79 2.14 -0.26	37.50 1.34 0.00	42.17 1.32 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	39.14 -0.60 0.00	39.09 -0.63 0.00	36.38 -0.67 0.00	35.67 -0.73 0.00	33.98 -0.69 0.00	35.32 -0.68 0.00	45.46 -0.70 0.00	47.77 -0.66 0.00	45.24 -0.59 0.00	46.65 -0.48 0.00	54.29 -0.34 0.00	49.72 -0.32 0.00	51.14 -0.21 0.00	51.29 -0.14 0.00	50.71 0.00 0.00	47.65 0.05 0.00	39.72 0.12 -0.05	45.81 0.06 -0.45	50.13 0.12 -0.68	48.51 0.18 -0.82	49.09 0.10 -0.88	50.60 -0.05 -0.27	36.04 -0.12 0.00	40.63 -0.21 0.00
HELLGATE_13_KV_LD 55870	41.54 1.81 0.00	41.35 1.63 0.00	38.46 1.42 0.00	37.82 1.42 0.00	36.10 1.43 0.00	37.56 1.55 0.00	48.05 1.88 0.00	50.41 1.93 -0.06	48.09 2.24 -0.01	49.48 2.36 0.00	56.97 2.35 0.00	53.44 2.42 -0.98	53.82 2.47 0.00	53.89 2.46 0.00	53.39 2.68 0.00	51.11 3.38 -0.13	44.67 3.09 -2.02	51.21 3.44 -2.47	52.76 3.43 0.00	50.84 3.34 0.00	50.92 2.81 0.00	52.68 2.29 0.00	37.75 1.59 0.00	42.65 1.81 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.54 1.81 0.00	41.35 1.63 0.00	38.46 1.42 0.00	37.82 1.42 0.00	36.10 1.43 0.00	37.56 1.55 0.00	48.05 1.88 0.00	50.41 1.93 -0.06	48.09 2.24 -0.01	49.48 2.36 0.00	56.97 2.35 0.00	53.44 2.42 -0.98	53.82 2.47 0.00	53.89 2.46 0.00	53.39 2.68 0.00	51.11 3.38 -0.13	44.67 3.09 -2.02	51.21 3.44 -2.47	52.76 3.43 0.00	50.84 3.34 0.00	50.92 2.81 0.00	52.68 2.29 0.00	37.75 1.59 0.00	42.65 1.81 0.00
HEMPSTEAD____ 23647	41.37 1.63 0.00	41.35 1.63 0.00	38.31 1.27 0.00	37.64 1.24 0.00	35.97 1.29 0.00	37.51 1.51 0.00	47.52 1.35 0.00	49.68 1.20 -0.06	47.30 1.45 -0.01	48.72 1.59 0.00	56.86 2.23 0.00	53.50 2.41 -1.06	53.52 2.16 0.00	53.35 1.92 0.00	52.43 1.72 0.00	41.29 2.41 8.71	39.83 2.28 2.00	49.55 2.58 -1.66	52.15 2.82 0.00	50.15 2.64 0.00	50.42 2.31 0.00	45.29 1.57 6.67	37.50 1.34 0.00	42.39 1.54 0.00
HICKLING___1 23621	39.48 -0.26 0.00	39.26 -0.46 0.00	36.50 -0.55 0.00	35.66 -0.74 0.00	33.70 -0.98 0.00	34.89 -1.11 0.00	45.35 -0.81 0.00	47.75 -0.67 0.00	45.52 -0.31 0.00	47.14 0.01 0.00	55.36 0.74 0.00	50.82 0.79 0.00	52.65 1.29 0.00	52.48 1.05 0.00	51.94 1.23 0.00	48.80 1.20 0.00	41.17 1.42 -0.20	48.76 1.76 -1.70	53.53 2.14 -2.06	52.49 2.49 -2.49	53.12 2.32 -2.69	52.99 1.80 -0.81	37.04 0.87 0.00	41.84 0.99 0.00
HICKLING___2 23622	39.48 -0.26 0.00	39.26 -0.46 0.00	36.50 -0.55 0.00	35.66 -0.74 0.00	33.70 -0.98 0.00	34.89 -1.11 0.00	45.35 -0.81 0.00	47.75 -0.67 0.00	45.52 -0.31 0.00	47.14 0.01 0.00	55.36 0.74 0.00	50.82 0.79 0.00	52.65 1.29 0.00	52.48 1.05 0.00	51.94 1.23 0.00	48.80 1.20 0.00	41.17 1.42 -0.20	48.76 1.76 -1.70	53.53 2.14 -2.06	52.49 2.49 -2.49	53.12 2.32 -2.69	52.99 1.80 -0.81	37.04 0.87 0.00	41.84 0.99 0.00
HIGH FALLS___HY 23754	41.07 1.33 0.00	40.92 1.20 0.00	38.15 1.11 0.00	37.52 1.12 0.00	35.78 1.10 0.00	37.14 1.14 0.00	47.57 1.41 0.00	49.98 1.48 -0.08	47.47 1.62 -0.01	49.05 1.92 0.00	56.78 2.16 0.00	52.30 2.27 0.00	53.46 2.10 0.00	53.42 1.99 0.00	53.08 2.37 0.00	50.80 3.21 0.00	42.63 3.08 0.00	48.91 3.60 0.00	53.08 3.75 0.00	51.05 3.55 0.00	51.17 3.06 0.00	52.92 2.53 0.00	37.77 1.61 0.00	42.54 1.69 0.00
HIGH_RIVER___SOLAR 323847	40.99 1.26 0.00	40.96 1.24 0.00	38.22 1.17 0.00	37.54 1.14 0.00	35.78 1.10 0.00	37.17 1.17 0.00	47.66 1.50 0.00	50.59 1.55 -0.62	47.35 1.43 -0.08	48.59 1.46 0.00	56.25 1.63 0.00	51.24 1.20 0.00	52.52 1.17 0.00	52.88 1.45 0.00	52.21 1.50 0.00	49.25 1.65 0.00	40.97 1.42 0.00	46.87 1.56 0.00	51.19 1.85 0.00	49.42 1.92 0.00	49.95 1.84 0.00	52.13 1.74 0.00	37.30 1.14 0.00	42.06 1.22 0.00
HILLBURN___GT 23639	40.73 0.99 0.00	40.52 0.81 0.00	37.80 0.76 0.00	37.19 0.79 0.00	35.49 0.81 0.00	36.88 0.87 0.00	47.13 0.97 0.00	49.45 0.98 -0.05	47.03 1.19 -0.01	48.43 1.31 0.00	56.05 1.42 0.00	50.99 1.66 0.71	53.15 1.80 0.00	53.34 1.91 0.00	52.85 2.14 0.00	50.54 2.63 -0.31	45.45 2.47 -3.43	53.54 2.85 -5.39	52.31 2.94 -0.04	50.31 2.81 0.00	50.49 2.38 0.00	52.25 1.87 0.00	37.31 1.14 0.00	42.09 1.24 0.00
HILLSIDE_115KV_TB1 80332	38.97 -0.77 0.00	38.77 -0.95 0.00	36.09 -0.96 0.00	35.29 -1.11 0.00	33.44 -1.23 0.00	34.60 -1.41 0.00	44.87 -1.30 0.00	47.24 -1.19 0.00	45.04 -0.79 0.00	46.50 -0.63 0.00	54.56 -0.07 0.00	50.02 -0.01 0.00	51.75 0.39 0.00	51.61 0.18 0.00	51.09 0.38 0.00	47.93 0.33 0.00	40.39 0.64 -0.21	48.06 0.97 -1.78	52.61 1.13 -2.16	51.52 1.41 -2.61	52.17 1.25 -2.82	51.98 0.74 -0.85	36.24 0.08 0.00	40.97 0.12 0.00

HISHELDN_WT_PWR 323625	35.42 -1.07 3.24	34.47 -1.05 4.20	31.92 -1.49 3.65	33.28 -1.88 1.25	31.19 -2.14 1.35	31.94 -2.10 1.96	40.29 -2.02 3.85	41.55 -1.78 5.10	41.99 -1.70 2.15	40.89 -0.92 5.32	48.62 -0.11 5.89	49.60 0.13 0.57	51.46 0.77 0.66	52.00 0.57 0.00	51.58 0.87 0.00	48.12 0.53 0.00	37.64 0.94 2.85	46.59 0.63 -0.65	50.55 1.09 -0.12	45.99 1.47 2.99	48.51 1.38 0.97	50.79 0.96 0.55	34.67 0.81 2.31	39.42 0.93 2.35
HOLTSVILLE_IC_1 23690	41.75 2.01 0.00	41.98 2.27 0.00	38.70 1.66 0.00	37.98 1.57 0.00	36.33 1.65 0.00	38.04 2.04 0.00	47.67 1.51 0.00	49.59 1.11 -0.06	47.02 1.17 -0.01	48.41 1.28 0.00	56.79 2.16 0.00	53.70 2.61 -1.06	53.39 2.04 0.00	53.03 1.60 0.00	51.77 1.06 0.00	30.56 1.77 18.81	34.74 1.77 6.59	48.39 2.05 -1.03	51.90 2.56 0.00	49.78 2.28 0.00	50.06 1.95 0.00	37.05 0.96 14.30	37.60 1.43 0.00	42.49 1.65 0.00
HOLTSVILLE_IC_10 23699	41.99 2.26 0.00	42.24 2.52 0.00	38.89 1.85 0.00	38.16 1.76 0.00	36.50 1.82 0.00	38.25 2.25 0.00	47.90 1.74 0.00	49.86 1.38 -0.06	47.23 1.39 -0.01	48.64 1.52 0.00	57.06 2.44 0.00	54.04 2.95 -1.06	53.75 2.40 0.00	53.35 1.92 0.00	51.95 1.24 0.00	30.88 1.93 18.65	34.99 1.95 6.52	48.71 2.36 -1.04	52.26 2.92 0.00	50.12 2.62 0.00	50.39 2.28 0.00	37.47 1.26 14.17	37.81 1.65 0.00	42.72 1.87 0.00
HOLTSVILLE_IC_2 23691	41.75 2.01 0.00	41.98 2.27 0.00	38.70 1.66 0.00	37.98 1.57 0.00	36.33 1.65 0.00	38.04 2.04 0.00	47.67 1.51 0.00	49.59 1.11 -0.06	47.02 1.17 -0.01	48.41 1.28 0.00	56.79 2.16 0.00	53.70 2.61 -1.06	53.39 2.04 0.00	53.03 1.60 0.00	51.77 1.06 0.00	30.56 1.77 18.81	34.74 1.77 6.59	48.39 2.05 -1.03	51.90 2.56 0.00	49.78 2.28 0.00	50.06 1.95 0.00	37.05 0.96 14.30	37.60 1.43 0.00	42.49 1.65 0.00
HOLTSVILLE_IC_3 23692	41.75 2.01 0.00	41.98 2.27 0.00	38.70 1.66 0.00	37.98 1.57 0.00	36.33 1.65 0.00	38.04 2.04 0.00	47.67 1.51 0.00	49.59 1.11 -0.06	47.02 1.17 -0.01	48.41 1.28 0.00	56.79 2.16 0.00	53.70 2.61 -1.06	53.39 2.04 0.00	53.03 1.60 0.00	51.77 1.06 0.00	30.56 1.77 18.81	34.74 1.77 6.59	48.39 2.05 -1.03	51.90 2.56 0.00	49.78 2.28 0.00	50.06 1.95 0.00	37.05 0.96 14.30	37.60 1.43 0.00	42.49 1.65 0.00
HOLTSVILLE_IC_4 23693	41.75 2.01 0.00	41.98 2.27 0.00	38.70 1.66 0.00	37.98 1.57 0.00	36.33 1.65 0.00	38.04 2.04 0.00	47.67 1.51 0.00	49.59 1.11 -0.06	47.02 1.17 -0.01	48.41 1.28 0.00	56.79 2.16 0.00	53.70 2.61 -1.06	53.39 2.04 0.00	53.03 1.60 0.00	51.77 1.06 0.00	30.56 1.77 18.81	34.74 1.77 6.59	48.39 2.05 -1.03	51.90 2.56 0.00	49.78 2.28 0.00	50.06 1.95 0.00	37.05 0.96 14.30	37.60 1.43 0.00	42.49 1.65 0.00
HOLTSVILLE_IC_5 23694	41.75 2.01 0.00	41.98 2.27 0.00	38.70 1.66 0.00	37.98 1.57 0.00	36.33 1.65 0.00	38.04 2.04 0.00	47.67 1.51 0.00	49.59 1.11 -0.06	47.02 1.17 -0.01	48.41 1.28 0.00	56.79 2.16 0.00	53.70 2.61 -1.06	53.39 2.04 0.00	53.03 1.60 0.00	51.77 1.06 0.00	30.56 1.77 18.81	34.74 1.77 6.59	48.39 2.05 -1.03	51.90 2.56 0.00	49.78 2.28 0.00	50.06 1.95 0.00	37.05 0.96 14.30	37.60 1.43 0.00	42.49 1.65 0.00
HOLTSVILLE_IC_6 23695	41.99 2.26 0.00	42.24 2.52 0.00	38.89 1.85 0.00	38.16 1.76 0.00	36.50 1.82 0.00	38.25 2.25 0.00	47.90 1.74 0.00	49.86 1.38 -0.06	47.23 1.39 -0.01	48.64 1.52 0.00	57.06 2.44 0.00	54.04 2.95 -1.06	53.75 2.40 0.00	53.35 1.92 0.00	51.95 1.24 0.00	30.88 1.93 18.65	34.99 1.95 6.52	48.71 2.36 -1.04	52.26 2.92 0.00	50.12 2.62 0.00	50.39 2.28 0.00	37.47 1.26 14.17	37.81 1.65 0.00	42.72 1.87 0.00
HOLTSVILLE_IC_7 23696	41.99 2.26 0.00	42.24 2.52 0.00	38.89 1.85 0.00	38.16 1.76 0.00	36.50 1.82 0.00	38.25 2.25 0.00	47.90 1.74 0.00	49.86 1.38 -0.06	47.23 1.39 -0.01	48.64 1.52 0.00	57.06 2.44 0.00	54.04 2.95 -1.06	53.75 2.40 0.00	53.35 1.92 0.00	51.95 1.24 0.00	30.88 1.93 18.65	34.99 1.95 6.52	48.71 2.36 -1.04	52.26 2.92 0.00	50.12 2.62 0.00	50.39 2.28 0.00	37.47 1.26 14.17	37.81 1.65 0.00	42.72 1.87 0.00
HOLTSVILLE_IC_8 23697	41.99 2.26 0.00	42.24 2.52 0.00	38.89 1.85 0.00	38.16 1.76 0.00	36.50 1.82 0.00	38.25 2.25 0.00	47.90 1.74 0.00	49.86 1.38 -0.06	47.23 1.39 -0.01	48.64 1.52 0.00	57.06 2.44 0.00	54.04 2.95 -1.06	53.75 2.40 0.00	53.35 1.92 0.00	51.95 1.24 0.00	30.88 1.93 18.65	34.99 1.95 6.52	48.71 2.36 -1.04	52.26 2.92 0.00	50.12 2.62 0.00	50.39 2.28 0.00	37.47 1.26 14.17	37.81 1.65 0.00	42.72 1.87 0.00
HOLTSVILLE_IC_9 23698	41.99 2.26 0.00	42.24 2.52 0.00	38.89 1.85 0.00	38.16 1.76 0.00	36.50 1.82 0.00	38.25 2.25 0.00	47.90 1.74 0.00	49.86 1.38 -0.06	47.23 1.39 -0.01	48.64 1.52 0.00	57.06 2.44 0.00	54.04 2.95 -1.06	53.75 2.40 0.00	53.35 1.92 0.00	51.95 1.24 0.00	30.88 1.93 18.65	34.99 1.95 6.52	48.71 2.36 -1.04	52.26 2.92 0.00	50.12 2.62 0.00	50.39 2.28 0.00	37.47 1.26 14.17	37.81 1.65 0.00	42.72 1.87 0.00
HOMER_HL_115KV_TB2 355744	39.42 -0.32 0.00	39.09 -0.62 0.00	36.32 -0.73 0.00	35.47 -0.93 0.00	33.68 -0.99 0.00	35.00 -1.01 0.00	45.54 -0.62 0.00	48.12 -0.30 0.00	45.63 -0.20 0.00	47.52 0.39 0.00	56.18 1.55 0.00	51.18 1.15 0.00	52.62 1.27 0.00	52.67 1.24 0.00	52.08 1.37 0.00	48.24 0.64 0.00	40.68 1.03 -0.10	47.44 1.29 -0.84	51.82 1.49 -0.99	50.44 1.74 -1.20	51.04 1.64 -1.29	51.63 0.86 -0.39	36.92 0.75 0.00	41.74 0.90 0.00
HOWARD_WT_PWR 323690	39.14 -0.60 0.00	38.88 -0.84 0.00	35.92 -1.12 0.00	34.85 -1.55 0.00	32.53 -2.14 0.00	33.61 -2.39 0.00	43.71 -2.46 0.00	46.08 -2.34 0.00	43.90 -1.94 0.00	46.03 -1.10 0.00	54.53 -0.09 0.00	49.90 -0.14 0.00	52.07 0.72 0.00	51.97 0.54 0.00	51.51 0.80 0.00	48.32 0.73 0.00	41.10 1.40 -0.14	47.95 1.38 -1.27	53.22 2.38 -1.51	52.31 2.98 -1.83	53.20 3.12 -1.97	53.66 2.68 -0.59	37.89 1.73 0.00	42.76 1.91 0.00
HQ_GEN_CEDARS 23644	40.09 0.36 0.00	40.06 0.34 0.00	37.44 0.40 0.00	36.87 0.47 0.00	35.09 0.41 0.00	36.48 0.47 0.00	46.74 0.57 0.00	48.97 0.54 0.00	46.25 0.41 0.00	47.52 0.40 0.00	55.10 0.48 0.00	50.30 0.27 0.00	51.38 0.02 0.00	51.29 -0.14 0.00	50.39 -0.32 0.00	46.76 -0.84 0.00	38.83 -0.72 0.00	44.49 -0.81 0.00	48.54 -0.80 0.00	46.72 -0.78 0.00	47.63 -0.48 0.00	50.20 -0.18 0.00	36.37 0.20 0.00	41.28 0.44 0.00
HQ_GEN_CEDARS_PROXY 323590	40.10 0.36 0.00	40.05 0.34 0.00	37.44 0.39 0.00	36.87 0.47 0.00	35.09 0.41 0.00	36.47 0.47 0.00	46.74 0.57 0.00	48.97 0.54 0.00	46.25 0.41 0.00	47.52 0.39 0.00	55.11 0.48 0.00	50.30 0.27 0.00	50.09 0.02 1.29	51.29 -0.14 0.00	50.39 -0.32 0.00	46.76 -0.84 0.00	38.83 -0.72 0.00	44.49 -0.82 0.00	48.53 -0.80 0.00	46.73 -0.77 0.00	47.63 -0.48 0.00	50.20 -0.18 0.00	36.35 0.20 0.02	41.28 0.44 0.00

HQ_GEN_CHPE_PROXY 323851	41.01 1.42 0.15	40.98 1.26 0.00	38.16 1.11 0.00	37.53 1.12 0.00	35.82 1.14 0.00	37.24 1.24 0.00	47.61 1.45 0.00	49.97 1.49 -0.06	47.63 1.78 -0.01	49.04 1.91 0.00	56.45 1.82 0.00	53.85 1.82 -2.00	53.77 1.94 -0.47	60.23 1.91 -6.89	52.07 2.15 0.80	50.57 2.84 -0.13	63.76 2.61 -21.60	63.14 2.96 -14.87	52.29 2.97 0.01	50.37 2.87 0.01	50.50 2.39 0.01	53.47 1.83 -1.25	36.68 1.26 0.74	42.35 1.50 0.00
HQ_GEN_IMPORT 323601	39.89 0.16 0.00	39.89 0.17 0.00	37.21 0.17 0.00	36.59 0.18 0.00	34.84 0.16 0.00	36.19 0.18 0.00	46.39 0.23 0.00	48.67 0.25 0.00	46.04 0.20 0.00	47.36 0.23 0.00	54.90 0.28 0.00	50.71 0.20 -0.48	51.49 0.14 0.00	58.41 0.08 -6.89	49.90 -0.01 0.80	47.31 -0.29 0.00	58.77 -0.36 -19.58	57.33 -0.39 -12.41	48.93 -0.40 0.00	47.07 -0.43 0.00	47.84 -0.27 0.00	50.39 0.00 0.00	36.28 0.12 0.00	41.05 0.20 0.00
HQ_GEN_WHEEL 23651	39.89 0.16 0.00	39.89 0.17 0.00	37.21 0.17 0.00	36.59 0.18 0.00	34.84 0.16 0.00	36.19 0.18 0.00	46.39 0.23 0.00	48.67 0.25 0.00	46.04 0.20 0.00	47.36 0.23 0.00	54.90 0.28 0.00	50.71 0.20 -0.48	51.49 0.14 0.00	58.41 0.08 -6.89	49.90 -0.01 0.80	47.31 -0.29 0.00	58.77 -0.36 -19.58	57.33 -0.39 -12.41	48.93 -0.40 0.00	47.07 -0.43 0.00	47.84 -0.27 0.00	50.39 0.00 0.00	36.28 0.12 0.00	41.05 0.20 0.00
HUDSON AVE_GT_3 23810	41.26 1.52 0.00	41.05 1.34 0.00	38.23 1.19 0.00	37.60 1.20 0.00	35.89 1.21 0.00	37.31 1.31 0.00	47.73 1.57 0.00	50.11 1.63 -0.06	47.77 1.92 -0.01	49.20 2.08 0.00	56.66 2.04 0.00	53.08 2.06 -0.98	53.56 2.21 0.00	53.60 2.17 0.00	53.15 2.43 0.00	50.85 3.12 -0.13	44.41 2.83 -2.02	51.01 3.23 -2.47	52.59 3.26 0.00	50.64 3.14 0.00	50.79 2.68 0.00	52.48 2.10 0.00	37.56 1.40 0.00	42.46 1.62 0.00
HUDSON AVE_GT_4 23540	41.26 1.52 0.00	41.05 1.34 0.00	38.23 1.19 0.00	37.60 1.20 0.00	35.89 1.21 0.00	37.31 1.31 0.00	47.73 1.57 0.00	50.11 1.63 -0.06	47.77 1.92 -0.01	49.20 2.08 0.00	56.66 2.04 0.00	53.08 2.06 -0.98	53.56 2.21 0.00	53.60 2.17 0.00	53.15 2.43 0.00	50.85 3.12 -0.13	44.41 2.83 -2.02	51.01 3.23 -2.47	52.59 3.26 0.00	50.64 3.14 0.00	50.79 2.68 0.00	52.48 2.10 0.00	37.56 1.40 0.00	42.46 1.62 0.00
HUDSON AVE_GT_5 23657	41.26 1.52 0.00	41.05 1.34 0.00	38.23 1.19 0.00	37.60 1.20 0.00	35.89 1.21 0.00	37.31 1.31 0.00	47.73 1.57 0.00	50.11 1.63 -0.06	47.77 1.92 -0.01	49.20 2.08 0.00	56.66 2.04 0.00	53.08 2.06 -0.98	53.56 2.21 0.00	53.60 2.17 0.00	53.15 2.43 0.00	50.85 3.12 -0.13	44.41 2.83 -2.02	51.01 3.23 -2.47	52.59 3.26 0.00	50.64 3.14 0.00	50.79 2.68 0.00	52.48 2.10 0.00	37.56 1.40 0.00	42.46 1.62 0.00
HUDSON_AVE_10 24168	41.10 1.36 0.00	40.91 1.19 0.00	38.10 1.05 0.00	37.46 1.06 0.00	35.76 1.08 0.00	37.15 1.15 0.00	47.53 1.37 0.00	49.93 1.45 -0.06	47.58 1.74 -0.01	49.03 1.91 0.00	56.45 1.83 0.00	52.90 1.89 -0.98	53.44 2.08 0.00	53.45 2.02 0.00	53.01 2.30 0.00	50.72 2.99 -0.13	44.31 2.73 -2.02	50.89 3.11 -2.47	52.46 3.12 0.00	50.54 3.03 0.00	50.66 2.54 0.00	52.34 1.95 0.00	37.45 1.29 0.00	42.30 1.46 0.00
HUDSON___115KV_TB 4 355613	40.92 1.19 0.00	40.93 1.21 0.00	38.22 1.18 0.00	37.60 1.20 0.00	35.88 1.20 0.00	37.20 1.20 0.00	47.58 1.42 0.00	50.17 1.48 -0.26	47.46 1.59 -0.03	48.41 1.28 0.00	55.40 0.77 0.00	50.52 0.49 0.00	51.73 0.38 0.00	51.96 0.53 0.00	51.05 0.34 0.00	48.28 0.68 0.00	40.01 0.45 0.00	45.73 0.42 0.00	49.69 0.36 0.00	47.86 0.36 0.00	48.58 0.47 0.00	50.74 0.36 0.00	36.41 0.24 0.00	41.00 0.15 0.00
HUNTER MOUNT___DRP 323613	41.08 1.34 0.00	41.07 1.35 0.00	38.36 1.31 0.00	37.74 1.34 0.00	36.00 1.32 0.00	37.35 1.35 0.00	47.80 1.64 0.00	50.38 1.74 -0.22	47.68 1.82 -0.03	48.61 1.48 0.00	55.62 0.99 0.00	50.79 0.76 0.00	51.92 0.57 0.00	52.15 0.72 0.00	51.31 0.59 0.00	48.53 0.91 -0.03	40.45 0.59 -0.30	46.31 0.58 -0.42	49.92 0.59 0.00	48.06 0.56 0.00	48.76 0.65 0.00	50.93 0.54 0.00	36.51 0.34 0.00	41.14 0.29 0.00
HUNTINGTON_RES_REC 323705	41.58 1.85 0.00	41.81 2.09 0.00	38.56 1.52 0.00	37.84 1.44 0.00	36.20 1.52 0.00	37.87 1.87 0.00	47.53 1.37 0.00	49.41 0.93 -0.06	46.93 1.09 -0.01	48.33 1.20 0.00	56.80 2.17 0.00	53.67 2.58 -1.06	53.36 2.00 0.00	53.02 1.59 0.00	51.80 1.08 0.00	30.78 1.79 18.61	34.85 1.79 6.50	48.43 2.07 -1.05	51.82 2.48 0.00	49.70 2.20 0.00	49.99 1.88 0.00	37.19 0.95 14.14	37.50 1.34 0.00	42.42 1.57 0.00
HUNTLEY___63 23557	38.87 -0.87 0.00	38.96 -0.75 0.00	35.73 -1.31 0.00	34.74 -1.66 0.00	32.91 -1.76 0.00	34.35 -1.65 0.00	44.64 -1.52 0.00	47.04 -1.38 0.00	44.43 -1.41 0.00	46.41 -0.72 0.00	54.78 0.15 0.00	50.49 0.46 0.00	52.53 1.17 0.00	52.64 1.21 0.00	52.22 1.51 0.00	48.59 0.99 0.00	40.86 1.27 -0.03	46.27 0.70 -0.26	50.25 0.92 0.00	48.62 1.11 0.00	48.92 0.81 0.00	50.90 0.52 0.00	36.89 0.73 0.00	41.72 0.88 0.00
HUNTLEY___64 23558	38.87 -0.87 0.00	38.96 -0.75 0.00	35.73 -1.31 0.00	34.74 -1.66 0.00	32.91 -1.76 0.00	34.35 -1.65 0.00	44.64 -1.52 0.00	47.04 -1.38 0.00	44.43 -1.41 0.00	46.41 -0.72 0.00	54.78 0.15 0.00	50.49 0.46 0.00	52.53 1.17 0.00	52.64 1.21 0.00	52.22 1.51 0.00	48.59 0.99 0.00	40.86 1.27 -0.03	46.27 0.70 -0.26	50.25 0.92 0.00	48.62 1.11 0.00	48.92 0.81 0.00	50.90 0.52 0.00	36.89 0.73 0.00	41.72 0.88 0.00
HUNTLEY___65 23559	38.87 -0.87 0.00	38.96 -0.75 0.00	35.73 -1.31 0.00	34.74 -1.66 0.00	32.91 -1.76 0.00	34.35 -1.65 0.00	44.64 -1.52 0.00	47.04 -1.38 0.00	44.43 -1.41 0.00	46.41 -0.72 0.00	54.78 0.15 0.00	50.49 0.46 0.00	52.53 1.17 0.00	52.64 1.21 0.00	52.22 1.51 0.00	48.59 0.99 0.00	40.86 1.27 -0.03	46.27 0.70 -0.26	50.25 0.92 0.00	48.62 1.11 0.00	48.92 0.81 0.00	50.90 0.52 0.00	36.89 0.73 0.00	41.72 0.88 0.00
HUNTLEY___66 23560	38.87 -0.87 0.00	38.96 -0.75 0.00	35.73 -1.31 0.00	34.74 -1.66 0.00	32.91 -1.76 0.00	34.35 -1.65 0.00	44.64 -1.52 0.00	47.04 -1.38 0.00	44.43 -1.41 0.00	46.41 -0.72 0.00	54.78 0.15 0.00	50.49 0.46 0.00	52.53 1.17 0.00	52.64 1.21 0.00	52.22 1.51 0.00	48.59 0.99 0.00	40.86 1.27 -0.03	46.27 0.70 -0.26	50.25 0.92 0.00	48.62 1.11 0.00	48.92 0.81 0.00	50.90 0.52 0.00	36.89 0.73 0.00	41.72 0.88 0.00
HUNTLEY___67 23561	38.64 -1.10 0.00	38.75 -0.97 0.00	35.56 -1.48 0.00	34.54 -1.86 0.00	32.73 -1.95 0.00	34.11 -1.89 0.00	44.40 -1.76 0.00	46.83 -1.59 0.00	44.24 -1.60 0.00	46.25 -0.88 0.00	54.62 -0.01 0.00	50.23 0.19 0.00	52.23 0.88 0.00	52.28 0.86 0.00	51.97 1.26 0.00	48.46 0.86 0.00	40.77 1.18 -0.04	46.33 0.66 -0.36	50.54 0.81 -0.39	48.98 1.00 -0.48	49.38 0.76 -0.51	50.89 0.35 -0.15	36.71 0.54 0.00	41.49 0.64 0.00

HUNTLEY___68 23562	38.64 -1.10 0.00	38.75 -0.97 0.00	35.56 -1.48 0.00	34.54 -1.86 0.00	32.73 -1.95 0.00	34.11 -1.89 0.00	44.40 -1.76 0.00	46.83 -1.59 0.00	44.24 -1.60 0.00	46.25 -0.88 0.00	54.62 -0.01 0.00	50.23 0.19 0.00	52.23 0.88 0.00	52.28 0.86 0.00	51.97 1.26 0.00	48.46 0.86 0.00	40.77 1.18 -0.04	46.33 0.66 -0.36	50.54 0.81 -0.39	48.98 1.00 -0.48	49.38 0.76 -0.51	50.89 0.35 -0.15	36.71 0.54 0.00	41.49 0.64 0.00
HYLAND___LFGE 323620	40.94 1.21 0.00	40.86 1.15 0.00	37.69 0.65 0.00	36.69 0.29 0.00	34.65 -0.03 0.00	36.17 0.17 0.00	47.22 1.06 0.00	49.92 1.50 0.00	47.26 1.43 0.00	48.92 1.79 0.00	57.07 2.45 0.00	51.96 1.93 0.00	53.28 1.92 0.00	53.24 1.81 0.00	52.55 1.84 0.00	49.37 1.77 0.00	42.37 2.73 -0.08	48.34 2.30 -0.73	54.05 3.87 -0.85	53.56 5.03 -1.03	54.56 5.35 -1.11	55.58 4.86 -0.33	39.44 3.28 0.00	44.25 3.41 0.00
INDECK___CORINTH 23802	41.15 1.41 0.00	41.26 1.54 0.00	38.46 1.42 0.00	37.80 1.40 0.00	35.89 1.22 0.00	37.41 1.41 0.00	47.97 1.81 0.00	50.97 1.97 -0.58	47.91 2.00 -0.07	48.98 1.86 0.00	55.80 1.17 0.00	50.81 0.78 0.00	52.06 0.71 0.00	52.07 0.64 0.00	50.95 0.24 0.00	48.16 0.56 0.00	40.26 0.70 0.00	46.18 0.87 0.00	50.64 1.31 0.00	48.93 1.43 0.00	49.86 1.75 0.00	52.21 1.83 0.00	37.30 1.14 0.00	41.93 1.08 0.00
INDECK___ILION 23567	40.15 0.41 0.00	40.14 0.42 0.00	37.45 0.41 0.00	36.81 0.41 0.00	35.09 0.42 0.00	36.45 0.44 0.00	46.68 0.51 0.00	48.98 0.56 0.00	46.39 0.55 0.00	47.64 0.51 0.00	54.97 0.34 0.00	50.10 0.07 0.00	51.45 0.09 0.00	51.65 0.23 0.00	50.87 0.16 0.00	47.99 0.39 0.00	39.89 0.33 0.00	45.71 0.40 0.00	49.72 0.39 0.00	47.96 0.45 0.00	48.52 0.41 0.00	50.67 0.28 0.00	36.23 0.07 0.00	40.90 0.05 0.00
INDECK___OLEAN 23982	29.96 -0.33 9.45	26.85 -0.61 12.25	25.71 -0.72 10.62	31.86 -0.91 3.63	29.75 -0.99 3.94	29.27 -1.00 5.73	34.30 -0.61 11.25	33.26 -0.24 14.92	39.33 -0.22 6.28	31.61 0.40 15.92	38.98 1.54 17.19	49.53 1.15 1.65	50.69 1.26 1.93	52.66 1.23 0.00	52.09 1.38 0.00	48.24 0.64 0.00	32.12 1.02 8.45	47.45 1.31 -0.84	49.97 1.50 0.86	38.86 1.69 10.34	45.27 1.65 4.49	49.15 0.86 2.09	30.17 0.75 6.75	34.88 0.91 6.87
INDECK___OSWEGO 23783	38.76 -0.98 0.00	38.72 -1.00 0.00	36.05 -0.99 0.00	35.37 -1.03 0.00	33.70 -0.98 0.00	35.03 -0.98 0.00	45.03 -1.13 0.00	47.28 -1.15 0.00	44.78 -1.05 0.00	46.01 -1.12 0.00	53.51 -1.11 0.00	49.00 -1.04 0.00	50.41 -0.95 0.00	50.44 -0.99 0.00	49.59 -1.12 0.00	46.48 -1.12 0.00	39.37 -0.75 -0.57	49.32 -0.89 -4.91	54.67 -0.86 -6.19	54.28 -0.74 -7.51	55.41 -0.79 -8.10	52.06 -0.77 -2.44	35.59 -0.57 0.00	40.12 -0.73 0.00
INDECK___YERKES 23781	33.61 -0.85 5.28	32.16 -0.71 6.85	29.83 -1.28 5.94	32.76 -1.61 2.03	30.76 -1.72 2.20	31.19 -1.62 3.20	38.40 -1.48 6.29	38.79 -1.28 8.35	40.95 -1.37 3.52	37.60 -0.66 8.87	45.22 0.19 9.60	49.62 0.51 0.92	51.50 1.23 1.08	52.68 1.25 0.00	52.25 1.53 0.00	48.59 0.99 0.00	36.06 1.25 4.75	46.28 0.71 -0.26	49.21 0.91 1.04	42.10 1.05 6.46	45.69 0.82 3.24	49.55 0.55 1.39	33.17 0.77 3.77	37.94 0.94 3.84
INDIAN POINT_GT_1 24139	40.76 1.02 0.00	40.58 0.86 0.00	37.84 0.80 0.00	37.22 0.82 0.00	35.52 0.84 0.00	36.91 0.90 0.00	47.17 1.00 0.00	49.48 1.01 -0.05	47.04 1.20 -0.01	48.44 1.31 0.00	55.98 1.35 0.00	56.72 1.52 -5.17	52.97 1.61 0.00	53.09 1.66 0.00	52.55 1.84 0.00	50.15 2.39 -0.16	46.17 2.25 -4.36	51.91 2.58 -4.02	51.99 2.66 0.00	50.06 2.56 0.00	50.25 2.14 0.00	52.01 1.62 0.00	37.18 1.02 0.00	41.98 1.14 0.00
INDIAN POINT_GT_2 23659	40.76 1.02 0.00	40.58 0.86 0.00	37.84 0.80 0.00	37.22 0.82 0.00	35.52 0.84 0.00	36.91 0.90 0.00	47.17 1.00 0.00	49.48 1.01 -0.05	47.04 1.20 -0.01	48.44 1.31 0.00	55.98 1.35 0.00	56.72 1.52 -5.17	52.97 1.61 0.00	53.09 1.66 0.00	52.55 1.84 0.00	50.15 2.39 -0.16	46.17 2.25 -4.36	51.91 2.58 -4.02	51.99 2.66 0.00	50.06 2.56 0.00	50.25 2.14 0.00	52.01 1.62 0.00	37.18 1.02 0.00	41.98 1.14 0.00
INDIAN POINT_GT_3 24019	40.76 1.02 0.00	40.58 0.86 0.00	37.84 0.80 0.00	37.22 0.82 0.00	35.52 0.84 0.00	36.91 0.90 0.00	47.17 1.00 0.00	49.48 1.01 -0.05	47.04 1.20 -0.01	48.44 1.31 0.00	55.98 1.35 0.00	56.72 1.52 -5.17	52.97 1.61 0.00	53.09 1.66 0.00	52.55 1.84 0.00	50.15 2.39 -0.16	46.17 2.25 -4.36	51.91 2.58 -4.02	51.99 2.66 0.00	50.06 2.56 0.00	50.25 2.14 0.00	52.01 1.62 0.00	37.18 1.02 0.00	41.98 1.14 0.00
INDIAN POINT___2 23530	40.60 0.87 0.00	40.42 0.70 0.00	37.70 0.65 0.00	37.10 0.69 0.00	35.40 0.72 0.00	36.77 0.76 0.00	46.98 0.82 0.00	49.28 0.80 -0.05	46.86 1.01 -0.01	48.24 1.12 0.00	55.81 1.18 0.00	50.03 1.41 1.41	52.87 1.52 0.00	53.03 1.60 0.00	52.52 1.81 0.00	50.11 2.32 -0.20	43.52 2.19 -1.77	51.10 2.53 -3.27	51.93 2.60 0.00	50.01 2.50 0.00	50.20 2.09 0.00	51.97 1.58 0.00	37.13 0.97 0.00	41.91 1.07 0.00
INDIAN POINT___3 23531	40.80 1.06 0.00	40.63 0.91 0.00	37.88 0.84 0.00	37.28 0.87 0.00	35.57 0.89 0.00	36.95 0.94 0.00	47.22 1.05 0.00	49.52 1.04 -0.06	47.09 1.25 -0.01	48.49 1.36 0.00	56.01 1.38 0.00	52.69 1.53 -1.13	52.98 1.62 0.00	53.07 1.64 0.00	52.55 1.84 0.00	50.15 2.39 -0.16	44.20 2.25 -2.40	50.79 2.57 -2.92	51.97 2.64 0.00	50.02 2.51 0.00	50.23 2.12 0.00	51.98 1.59 0.00	37.18 1.02 0.00	42.01 1.16 0.00
INDIANHD_69_KV_BK1 55831	41.76 2.02 0.00	41.97 2.26 0.00	38.70 1.65 0.00	37.97 1.57 0.00	36.33 1.65 0.00	38.02 2.01 0.00	47.70 1.54 0.00	49.61 1.13 -0.06	47.05 1.21 -0.01	48.48 1.35 0.00	57.02 2.39 0.00	53.88 2.80 -1.05	53.58 2.23 0.00	53.21 1.78 0.00	51.95 1.24 0.00	30.97 2.00 18.62	34.97 1.92 6.50	48.60 2.25 -1.05	52.04 2.71 0.00	49.89 2.38 0.00	50.19 2.08 0.00	37.38 1.14 14.15	37.65 1.49 0.00	42.57 1.73 0.00
INGHAM_C_115KV_TB7 356103	40.50 0.77 0.00	40.53 0.82 0.00	37.84 0.80 0.00	37.19 0.79 0.00	35.50 0.83 0.00	36.85 0.85 0.00	47.16 1.00 0.00	49.56 1.13 0.00	46.96 1.12 0.00	48.21 1.08 0.00	55.28 0.65 0.00	50.00 -0.03 0.00	51.30 -0.05 0.00	51.69 0.26 0.00	50.81 0.10 0.00	48.10 0.50 0.00	39.96 0.40 0.00	45.80 0.49 0.00	49.78 0.45 0.00	48.12 0.61 0.00	48.71 0.60 0.00	50.82 0.44 0.00	36.25 0.09 0.00	40.89 0.04 0.00
IP CORINTH___1 23988	41.38 1.65 0.00	41.47 1.76 0.00	38.65 1.60 0.00	37.99 1.59 0.00	36.08 1.40 0.00	37.60 1.60 0.00	48.24 2.07 0.00	51.25 2.25 -0.58	48.17 2.26 -0.07	49.26 2.13 0.00	56.13 1.50 0.00	51.11 1.07 0.00	52.36 1.01 0.00	52.37 0.94 0.00	51.25 0.54 0.00	48.44 0.84 0.00	40.50 0.94 0.00	46.45 1.14 0.00	50.94 1.61 0.00	49.21 1.71 0.00	50.14 2.04 0.00	52.51 2.12 0.00	37.52 1.35 0.00	42.17 1.32 0.00

IP__TICONDEROGA 23804	43.99 4.26 0.00	43.60 3.89 0.00	40.42 3.38 0.00	39.80 3.39 0.00	37.87 3.19 0.00	39.33 3.32 0.00	50.70 4.54 0.00	53.85 4.86 -0.57	50.72 4.81 -0.07	51.66 4.53 0.00	58.28 3.65 0.00	53.36 3.33 0.00	54.46 3.11 0.00	54.33 2.90 0.00	52.79 2.07 0.00	49.88 2.28 0.00	42.62 3.07 0.00	48.80 3.50 0.00	53.60 4.27 0.00	52.00 4.50 0.00	52.65 4.54 0.00	55.58 5.20 0.00	39.61 3.45 0.00	44.56 3.72 0.00
ISLIP_RES_REC 323679	42.20 2.46 0.00	42.43 2.71 0.00	39.06 2.02 0.00	38.31 1.91 0.00	36.65 1.98 0.00	38.43 2.42 0.00	48.15 1.99 0.00	50.14 1.66 -0.06	47.51 1.66 -0.01	48.95 1.82 0.00	57.46 2.83 0.00	54.42 3.33 -1.06	54.11 2.76 0.00	53.71 2.28 0.00	52.32 1.61 0.00	31.31 2.26 18.54	35.35 2.26 6.47	49.05 2.69 -1.05	52.64 3.30 0.00	50.46 2.96 0.00	50.73 2.62 0.00	37.86 1.56 14.09	38.03 1.86 0.00	42.93 2.09 0.00
JAMAICA__27_KV_LOAD 355505	41.53 1.80 0.00	41.36 1.64 0.00	38.55 1.50 0.00	37.88 1.48 0.00	36.14 1.46 0.00	37.46 1.45 0.00	48.01 1.84 0.00	50.39 1.92 -0.06	48.03 2.18 -0.01	49.50 2.37 0.00	56.72 2.09 0.00	53.25 2.24 -0.98	53.96 2.61 0.00	53.90 2.48 0.00	53.46 2.75 0.00	51.19 3.46 -0.13	44.74 3.16 -2.02	51.42 3.64 -2.47	53.09 3.76 0.00	51.22 3.71 0.00	51.25 3.14 0.00	52.94 2.55 0.00	37.85 1.69 0.00	42.61 1.77 0.00
JANIS__SOLAR 323808	42.88 1.39 -1.76	43.27 1.28 -2.27	40.08 1.07 -1.97	38.04 0.97 -0.67	36.23 0.81 -0.74	38.05 0.96 -1.08	50.06 1.78 -2.12	53.09 1.94 -2.73	48.80 1.81 -1.15	51.13 1.57 -2.42	60.16 2.29 -3.24	52.45 2.10 -0.31	53.98 2.27 -0.36	53.40 1.97 0.00	52.71 1.99 0.00	49.74 2.14 0.00	43.57 2.14 -1.87	50.25 2.70 -2.24	55.92 3.46 -3.13	57.19 3.89 -5.80	56.76 3.84 -4.81	55.28 3.36 -1.54	39.49 2.05 -1.27	44.20 2.06 -1.30
JARVIS____ 23743	39.83 0.10 0.00	39.81 0.09 0.00	37.14 0.10 0.00	36.51 0.10 0.00	34.78 0.10 0.00	36.11 0.10 0.00	46.26 0.09 0.00	48.52 0.10 0.00	45.93 0.09 0.00	47.19 0.06 0.00	54.66 0.03 0.00	50.04 0.00 0.00	51.40 0.05 0.00	51.48 0.05 0.00	50.77 0.05 0.00	47.77 0.18 0.00	39.73 0.18 0.00	45.52 0.20 0.00	49.53 0.20 0.00	47.74 0.24 0.00	48.27 0.16 0.00	50.46 0.07 0.00	36.16 0.00 0.00	40.84 -0.01 0.00
JENNISON__1 23625	41.19 1.45 0.00	41.05 1.33 0.00	38.21 1.17 0.00	37.50 1.10 0.00	35.72 1.04 0.00	37.17 1.17 0.00	47.97 1.81 0.00	50.21 1.78 -0.01	47.55 1.71 0.00	48.56 1.43 0.00	56.80 2.18 0.00	52.28 2.25 0.00	53.69 2.34 0.00	53.79 2.36 0.00	53.16 2.45 0.00	50.16 2.56 0.00	42.27 2.50 -0.21	50.25 3.07 -1.87	55.23 3.61 -2.28	54.04 3.77 -2.77	54.68 3.59 -2.98	54.43 3.14 -0.90	38.06 1.90 0.00	42.80 1.95 0.00
JENNISON__2 23626	41.19 1.45 0.00	41.05 1.33 0.00	38.21 1.17 0.00	37.50 1.10 0.00	35.72 1.04 0.00	37.17 1.17 0.00	47.97 1.81 0.00	50.21 1.78 -0.01	47.55 1.71 0.00	48.56 1.43 0.00	56.80 2.18 0.00	52.28 2.25 0.00	53.69 2.34 0.00	53.79 2.36 0.00	53.16 2.45 0.00	50.16 2.56 0.00	42.27 2.50 -0.21	50.25 3.07 -1.87	55.23 3.61 -2.28	54.04 3.77 -2.77	54.68 3.59 -2.98	54.43 3.14 -0.90	38.06 1.90 0.00	42.80 1.95 0.00
JERICHO_RISE_WT_PWR 323719	39.82 0.08 0.00	39.81 0.09 0.00	37.12 0.07 0.00	36.52 0.12 0.00	34.72 0.04 0.00	36.05 0.04 0.00	46.16 -0.01 0.00	48.46 0.04 0.00	45.79 -0.05 0.00	47.10 -0.03 0.00	54.65 0.02 0.00	49.95 -0.08 0.00	51.08 -0.27 0.00	50.95 -0.48 0.00	50.08 -0.63 0.00	46.64 -0.96 0.00	38.77 -0.78 0.00	44.41 -0.90 0.00	48.51 -0.82 0.00	46.64 -0.87 0.00	47.38 -0.73 0.00	49.84 -0.55 0.00	36.03 -0.13 0.00	40.91 0.06 0.00
KATONAH__115KV_46KV_TB4 355592	41.13 1.39 0.00	40.98 1.26 0.00	38.16 1.12 0.00	37.54 1.13 0.00	35.81 1.14 0.00	37.21 1.20 0.00	47.59 1.43 0.00	49.94 1.46 -0.06	47.50 1.66 -0.01	48.92 1.79 0.00	56.48 1.86 0.00	52.31 1.91 -0.37	53.33 1.97 0.00	53.39 1.96 0.00	52.85 2.14 0.00	50.43 2.72 -0.11	43.60 2.51 -1.53	50.17 2.85 -2.01	52.32 2.98 0.00	50.34 2.83 0.00	50.51 2.40 0.00	52.27 1.88 0.00	37.38 1.21 0.00	42.21 1.36 0.00
KCE_NY_1 323755	41.51 1.78 0.00	41.51 1.79 0.00	38.70 1.66 0.00	38.05 1.65 0.00	36.24 1.56 0.00	37.67 1.67 0.00	48.27 2.11 0.00	51.26 2.27 -0.56	48.14 2.23 -0.07	49.30 2.17 0.00	56.50 1.87 0.00	51.58 1.54 0.00	52.90 1.55 0.00	53.04 1.61 0.00	51.93 1.22 0.00	49.11 1.52 0.00	40.83 1.27 0.00	46.80 1.49 0.00	51.01 1.68 0.00	49.24 1.74 0.00	50.05 1.95 0.00	52.30 1.91 0.00	37.40 1.24 0.00	42.11 1.27 0.00
KCE_NY_6_ESR 323823	33.29 -0.75 5.70	31.70 -0.63 7.39	29.45 -1.19 6.41	32.62 -1.59 2.19	30.60 -1.71 2.38	30.91 -1.63 3.46	37.99 -1.39 6.79	38.31 -1.10 9.01	40.91 -1.13 3.80	37.23 -0.33 9.57	44.87 0.61 10.37	49.82 0.78 1.00	51.71 1.52 1.16	52.90 1.47 0.00	52.64 1.93 0.00	49.09 1.49 0.00	36.13 1.68 5.11	47.07 1.32 -0.44	50.26 1.56 0.63	42.86 1.73 6.37	46.83 1.58 2.85	50.24 1.16 1.30	33.12 1.03 4.07	37.89 1.19 4.15
KEDC_PORT_JEFF_GT2 24210	41.84 2.10 0.00	42.09 2.37 0.00	38.77 1.73 0.00	38.02 1.62 0.00	36.37 1.70 0.00	38.12 2.11 0.00	47.74 1.58 0.00	49.65 1.18 -0.06	46.83 0.99 -0.01	48.25 1.12 0.00	56.94 2.31 0.00	53.87 2.78 -1.06	53.55 2.20 0.00	53.09 1.66 0.00	51.71 1.00 0.00	30.58 1.69 18.71	34.67 1.66 6.54	48.24 1.89 -1.04	51.74 2.41 0.00	49.54 2.03 0.00	49.93 1.82 0.00	37.02 0.86 14.22	37.58 1.42 0.00	42.57 1.73 0.00
KEDC_PORT_JEFF_GT3 24211	41.84 2.10 0.00	42.09 2.37 0.00	38.77 1.73 0.00	38.02 1.62 0.00	36.37 1.70 0.00	38.12 2.11 0.00	47.74 1.58 0.00	49.65 1.18 -0.06	46.83 0.99 -0.01	48.25 1.12 0.00	56.94 2.31 0.00	53.87 2.78 -1.06	53.55 2.20 0.00	53.09 1.66 0.00	51.71 1.00 0.00	30.58 1.69 18.71	34.67 1.66 6.54	48.24 1.89 -1.04	51.74 2.41 0.00	49.54 2.03 0.00	49.93 1.82 0.00	37.02 0.86 14.22	37.58 1.42 0.00	42.57 1.73 0.00
KEDC_GLWD_GT4 24219	41.47 1.74 0.00	41.40 1.68 0.00	38.43 1.38 0.00	37.77 1.37 0.00	36.07 1.40 0.00	37.57 1.56 0.00	47.77 1.61 0.00	50.00 1.52 -0.06	47.37 1.53 -0.01	48.83 1.70 0.00	57.09 2.46 0.00	53.65 2.56 -1.06	53.79 2.43 0.00	53.46 2.03 0.00	52.71 2.00 0.00	44.62 2.65 5.63	41.44 2.49 0.60	50.06 2.81 -1.95	52.31 2.98 0.00	50.31 2.80 0.00	50.52 2.41 0.00	47.76 1.72 4.35	37.46 1.30 0.00	42.56 1.71 0.00
KEDC_GLWD_GT5 24220	41.47 1.74 0.00	41.40 1.68 0.00	38.43 1.38 0.00	37.77 1.37 0.00	36.07 1.40 0.00	37.57 1.56 0.00	47.77 1.61 0.00	50.00 1.52 -0.06	47.37 1.53 -0.01	48.83 1.70 0.00	57.09 2.46 0.00	53.65 2.56 -1.06	53.79 2.43 0.00	53.46 2.03 0.00	52.71 2.00 0.00	44.62 2.65 5.63	41.44 2.49 0.60	50.06 2.81 -1.95	52.31 2.98 0.00	50.31 2.80 0.00	50.52 2.41 0.00	47.76 1.72 4.35	37.46 1.30 0.00	42.56 1.71 0.00

KENSICO____ 23655	41.05 1.31 0.00	40.89 1.17 0.00	38.09 1.05 0.00	37.46 1.06 0.00	35.75 1.08 0.00	37.16 1.15 0.00	47.50 1.34 0.00	49.83 1.35 -0.06	47.41 1.57 -0.01	48.82 1.69 0.00	56.35 1.72 0.00	52.90 1.81 -1.06	53.24 1.89 0.00	53.29 1.86 0.00	52.76 2.05 0.00	50.38 2.66 -0.13	44.11 2.45 -2.10	50.62 2.79 -2.53	52.18 2.85 0.00	50.23 2.72 0.00	50.42 2.31 0.00	52.15 1.76 0.00	37.33 1.17 0.00	42.19 1.34 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	41.05 1.31 0.00	40.91 1.19 0.00	38.15 1.11 0.00	37.51 1.10 0.00	35.78 1.10 0.00	37.16 1.15 0.00	47.58 1.42 0.00	49.97 1.48 -0.07	47.49 1.64 -0.01	49.00 1.87 0.00	56.68 2.05 0.00	52.16 2.13 0.00	53.30 1.94 0.00	53.25 1.83 0.00	52.90 2.18 0.00	50.53 2.94 0.00	42.42 2.84 -0.02	48.88 3.35 -0.22	52.83 3.50 0.00	50.82 3.32 0.00	50.98 2.87 0.00	52.76 2.37 0.00	37.66 1.50 0.00	42.42 1.57 0.00
KIAC_JFK_GT1 23816	41.27 1.53 0.00	41.10 1.38 0.00	38.30 1.26 0.00	37.65 1.24 0.00	35.92 1.24 0.00	37.21 1.21 0.00	47.64 1.47 0.00	49.91 1.43 -0.06	47.58 1.73 -0.01	49.02 1.89 0.00	56.16 1.53 0.00	52.73 1.72 -0.98	53.42 2.07 0.00	53.36 1.93 0.00	52.94 2.23 0.00	50.66 2.93 -0.13	44.29 2.71 -2.02	50.89 3.11 -2.47	52.53 3.20 0.00	50.69 3.18 0.00	50.71 2.60 0.00	52.39 2.00 0.00	37.47 1.31 0.00	42.21 1.36 0.00
KIAC_JFK_GT2 23817	41.27 1.53 0.00	41.10 1.38 0.00	38.30 1.26 0.00	37.65 1.24 0.00	35.92 1.24 0.00	37.21 1.21 0.00	47.64 1.47 0.00	49.91 1.43 -0.06	47.58 1.73 -0.01	49.02 1.89 0.00	56.16 1.53 0.00	52.73 1.72 -0.98	53.42 2.07 0.00	53.36 1.93 0.00	52.94 2.23 0.00	50.66 2.93 -0.13	44.29 2.71 -2.02	50.89 3.11 -2.47	52.53 3.20 0.00	50.69 3.18 0.00	50.71 2.60 0.00	52.39 2.00 0.00	37.47 1.31 0.00	42.21 1.36 0.00
KIAC_JFK____ 323774	41.27 1.53 0.00	41.09 1.37 0.00	38.30 1.25 0.00	37.65 1.24 0.00	35.91 1.24 0.00	37.20 1.20 0.00	47.63 1.47 0.00	49.90 1.42 -0.06	47.58 1.74 -0.01	49.01 1.88 0.00	56.16 1.53 0.00	52.73 1.72 -0.98	53.43 2.08 0.00	53.36 1.93 0.00	52.94 2.23 0.00	50.67 2.94 -0.13	44.29 2.71 -2.02	50.91 3.13 -2.47	52.53 3.20 0.00	50.69 3.19 0.00	50.71 2.60 0.00	52.39 2.01 0.00	37.47 1.31 0.00	42.21 1.36 0.00
KINTIGH_24_KV_GSU 356498	34.29 -1.05 4.39	33.13 -0.89 5.69	30.79 -1.32 4.93	33.08 -1.64 1.69	31.17 -1.68 1.83	31.72 -1.62 2.66	39.42 -1.52 5.23	40.13 -1.34 6.94	41.47 -1.43 2.93	38.93 -0.82 7.38	46.54 -0.10 7.98	49.37 0.10 0.77	51.11 0.66 0.89	52.12 0.69 0.00	51.78 1.07 0.00	48.34 0.74 0.00	36.60 1.02 3.97	45.92 0.62 0.00	49.21 0.74 0.87	42.91 0.80 5.39	46.01 0.60 2.70	49.42 0.19 1.15	33.39 0.35 3.13	38.08 0.42 3.19
KINTIGH____ 23543	38.67 -1.07 0.00	38.79 -0.92 0.00	35.70 -1.35 0.00	34.73 -1.67 0.00	32.97 -1.71 0.00	34.36 -1.65 0.00	44.61 -1.56 0.00	47.00 -1.43 0.00	44.38 -1.45 0.00	46.26 -0.87 0.00	54.50 -0.12 0.00	50.09 0.06 0.00	51.98 0.62 0.00	52.10 0.67 0.00	51.73 1.01 0.00	48.31 0.71 0.00	40.55 1.00 0.00	45.87 0.57 0.00	50.03 0.69 0.00	48.30 0.80 0.00	48.66 0.55 0.00	50.52 0.14 0.00	36.49 0.33 0.00	41.24 0.39 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	40.89 1.15 0.00	40.73 1.02 0.00	37.98 0.94 0.00	37.40 1.00 0.00	35.57 0.90 0.00	36.95 0.95 0.00	47.32 1.16 0.00	49.63 1.21 0.00	46.93 1.09 0.00	48.04 0.91 0.00	55.44 0.81 0.00	50.40 0.37 0.00	51.23 -0.12 0.00	50.79 -0.63 0.00	49.75 -0.96 0.00	46.18 -1.42 0.00	38.49 -1.06 0.00	44.21 -1.10 0.00	48.34 -0.99 0.00	46.61 -0.89 0.00	47.40 -0.71 0.00	50.11 -0.28 0.00	36.51 0.35 0.00	41.72 0.88 0.00
LACHUTE____HYDRO 323717	43.99 4.25 0.00	43.61 3.89 0.00	40.42 3.38 0.00	39.80 3.39 0.00	37.87 3.19 0.00	39.33 3.32 0.00	50.70 4.54 0.00	53.85 4.86 -0.57	50.73 4.81 -0.07	51.66 4.53 0.00	58.27 3.65 0.00	53.36 3.33 0.00	54.46 3.11 0.00	54.33 2.90 0.00	52.78 2.07 0.00	49.88 2.28 0.00	42.62 3.07 0.00	48.81 3.50 0.00	53.60 4.27 0.00	52.00 4.50 0.00	52.65 4.54 0.00	55.58 5.19 0.00	39.61 3.45 0.00	44.56 3.72 0.00
LAWRNCV_115KV_TB1 80681	40.18 0.44 0.00	40.14 0.42 0.00	37.52 0.48 0.00	36.95 0.55 0.00	35.17 0.50 0.00	36.58 0.58 0.00	46.95 0.79 0.00	49.12 0.70 0.00	46.36 0.53 0.00	47.48 0.35 0.00	55.13 0.50 0.00	50.26 0.23 0.00	51.16 -0.19 0.00	51.05 -0.38 0.00	50.13 -0.59 0.00	46.24 -1.36 0.00	38.34 -1.22 0.00	43.93 -1.38 0.00	47.97 -1.36 0.00	46.24 -1.26 0.00	47.37 -0.73 0.00	50.07 -0.32 0.00	36.37 0.21 0.00	41.39 0.54 0.00
LEDERLE____ 23769	40.91 1.17 0.00	40.71 0.99 0.00	37.98 0.94 0.00	37.35 0.95 0.00	35.64 0.97 0.00	37.05 1.05 0.00	47.34 1.18 0.00	49.69 1.21 -0.05	47.24 1.40 -0.01	48.67 1.54 0.00	56.32 1.69 0.00	51.18 1.88 0.74	53.35 2.00 0.00	53.53 2.10 0.00	53.04 2.33 0.00	50.66 2.83 -0.23	44.68 2.64 -2.49	52.35 3.04 -4.00	52.48 3.15 0.00	50.51 3.01 0.00	50.70 2.59 0.00	52.44 2.05 0.00	37.46 1.29 0.00	42.27 1.42 0.00
LIGHTHSE_115KV_TB6 355974	39.67 -0.06 0.00	39.62 -0.10 0.00	36.90 -0.14 0.00	36.19 -0.21 0.00	34.51 -0.17 0.00	35.91 -0.10 0.00	46.14 -0.03 0.00	48.45 0.03 0.00	45.83 -0.01 0.00	46.70 -0.43 0.00	54.64 0.01 0.00	50.03 -0.01 0.00	51.47 0.11 0.00	51.54 0.10 0.00	50.81 0.10 0.00	47.49 -0.11 0.00	40.01 0.20 -0.26	47.89 0.31 -2.27	52.98 0.71 -2.94	51.93 0.86 -3.56	52.78 0.83 -3.84	52.36 0.82 -1.16	36.50 0.34 0.00	41.05 0.20 0.00
LINDEN COGEN____ 23786	40.93 1.20 0.00	40.74 1.02 0.00	37.95 0.90 0.00	37.32 0.92 0.00	35.63 0.95 0.00	37.05 1.05 0.00	47.36 1.20 0.00	49.72 1.24 -0.06	47.38 1.53 -0.01	48.81 1.68 0.00	56.21 1.59 0.00	52.72 1.70 -0.98	53.24 1.88 0.00	53.36 1.93 0.00	52.87 2.16 0.00	50.56 2.83 -0.13	44.17 2.59 -2.02	50.72 2.94 -2.47	52.30 2.97 0.00	50.44 2.93 0.00	50.58 2.47 0.00	52.28 1.89 0.00	37.34 1.18 0.00	42.18 1.34 0.00
LINDHRST_69_KV_BK1 356055	42.01 2.28 0.00	42.09 2.37 0.00	38.87 1.83 0.00	38.15 1.75 0.00	36.48 1.80 0.00	38.13 2.12 0.00	48.06 1.90 0.00	50.12 1.64 -0.06	47.73 1.88 -0.01	49.18 2.05 0.00	57.58 2.95 0.00	54.30 3.21 -1.05	54.15 2.79 0.00	53.91 2.49 0.00	52.78 2.07 0.00	34.41 2.77 15.96	36.84 2.57 5.30	49.49 3.00 -1.18	52.75 3.42 0.00	50.70 3.19 0.00	51.02 2.91 0.00	40.34 2.10 12.14	38.07 1.90 0.00	42.96 2.11 0.00
LIPA_MISC_IPP 23656	41.92 2.18 0.00	42.24 2.52 0.00	38.84 1.80 0.00	38.11 1.71 0.00	36.46 1.78 0.00	38.25 2.25 0.00	47.74 1.58 0.00	49.68 1.20 -0.06	46.94 1.10 -0.01	48.32 1.19 0.00	56.69 2.07 0.00	53.61 2.53 -1.05	53.30 1.95 0.00	52.84 1.41 0.00	51.58 0.87 0.00	30.51 1.70 18.79	34.67 1.69 6.58	48.33 1.99 -1.03	52.00 2.67 0.00	49.84 2.33 0.00	50.07 1.96 0.00	36.94 0.83 14.28	37.61 1.45 0.00	42.49 1.65 0.00

LISF___SOLAR 323691	42.00 2.27 0.00	42.34 2.62 0.00	38.92 1.88 0.00	38.19 1.79 0.00	36.53 1.85 0.00	38.33 2.33 0.00	47.83 1.67 0.00	49.78 1.30 -0.06	47.06 1.22 -0.01	48.43 1.30 0.00	56.84 2.21 0.00	53.75 2.65 -1.06	53.41 2.06 0.00	52.98 1.55 0.00	51.69 0.98 0.00	30.56 1.72 18.76	34.80 1.81 6.56	48.46 2.12 -1.04	52.15 2.82 0.00	50.00 2.49 0.00	50.20 2.09 0.00	37.05 0.92 14.26	37.71 1.55 0.00	42.58 1.73 0.00
LITTLE FALLS___HYD 24013	40.50 0.77 0.00	40.53 0.82 0.00	37.84 0.80 0.00	37.19 0.79 0.00	35.50 0.83 0.00	36.85 0.85 0.00	47.16 1.00 0.00	49.56 1.13 0.00	46.96 1.12 0.00	48.21 1.08 0.00	55.28 0.65 0.00	50.00 -0.03 0.00	51.30 -0.05 0.00	51.69 0.26 0.00	50.81 0.10 0.00	48.10 0.50 0.00	39.96 0.40 0.00	45.80 0.49 0.00	49.78 0.45 0.00	48.12 0.61 0.00	48.71 0.60 0.00	50.82 0.44 0.00	36.25 0.09 0.00	40.89 0.04 0.00
LITTLRIV__115KV_TB1 356100	40.67 0.94 0.00	40.63 0.91 0.00	37.98 0.93 0.00	37.41 1.01 0.00	35.60 0.92 0.00	37.04 1.04 0.00	47.82 1.65 0.00	49.80 1.38 0.00	46.95 1.11 0.00	47.97 0.84 0.00	55.70 1.08 0.00	50.58 0.55 0.00	51.51 0.16 0.00	51.42 -0.01 0.00	50.39 -0.32 0.00	46.47 -1.13 0.00	38.62 -0.93 0.00	44.49 -0.81 0.00	48.57 -0.76 0.00	46.89 -0.62 0.00	48.30 0.19 0.00	51.04 0.66 0.00	36.90 0.73 0.00	41.97 1.12 0.00
LI_NEWBRDGE___DRP 323616	41.27 1.53 0.00	41.31 1.59 0.00	38.24 1.19 0.00	37.57 1.17 0.00	35.91 1.24 0.00	37.46 1.46 0.00	47.34 1.18 0.00	49.45 0.97 -0.06	47.08 1.24 -0.01	48.51 1.38 0.00	56.59 1.96 0.00	53.28 2.19 -1.05	53.20 1.85 0.00	53.07 1.64 0.00	52.15 1.44 0.00	29.39 2.17 20.37	34.28 2.02 7.30	48.52 2.29 -0.92	51.91 2.58 0.00	49.88 2.37 0.00	50.18 2.07 0.00	36.22 1.31 15.47	37.39 1.23 0.00	42.24 1.40 0.00
LOCKPORT__115KV_TB60_63_64 80432	38.68 -1.05 0.00	38.87 -0.85 0.00	35.64 -1.40 0.00	34.60 -1.80 0.00	32.80 -1.88 0.00	34.22 -1.79 0.00	44.55 -1.62 0.00	47.00 -1.42 0.00	44.32 -1.52 0.00	46.21 -0.91 0.00	54.28 -0.35 0.00	49.97 -0.06 0.00	51.99 0.63 0.00	52.11 0.68 0.00	51.70 0.99 0.00	48.12 0.53 0.00	40.53 0.95 -0.02	45.85 0.32 -0.22	49.85 0.52 0.00	48.29 0.78 0.00	48.60 0.49 0.00	50.46 0.07 0.00	36.51 0.35 0.00	41.26 0.42 0.00
LOCKPORT___CC1 323769	33.75 -1.17 4.81	32.54 -0.94 6.24	30.16 -1.48 5.40	32.68 -1.88 1.85	30.72 -1.95 2.00	31.21 -1.87 2.92	38.71 -1.72 5.73	39.31 -1.51 7.60	40.94 -1.69 3.21	38.01 -1.05 8.07	45.40 -0.48 8.74	49.00 -0.19 0.84	50.86 0.49 0.98	51.94 0.51 0.00	51.57 0.86 0.00	48.02 0.42 0.00	36.07 0.84 4.33	45.76 0.22 -0.23	48.77 0.37 0.94	42.22 0.60 5.88	45.54 0.38 2.95	49.07 -0.05 1.26	32.99 0.26 3.43	37.68 0.33 3.50
LOCKPORT___CC2 323770	33.75 -1.17 4.81	32.54 -0.94 6.24	30.16 -1.48 5.40	32.68 -1.88 1.85	30.72 -1.95 2.00	31.21 -1.87 2.92	38.71 -1.72 5.73	39.31 -1.51 7.60	40.94 -1.69 3.21	38.01 -1.05 8.07	45.40 -0.48 8.74	49.00 -0.19 0.84	50.86 0.49 0.98	51.94 0.51 0.00	51.57 0.86 0.00	48.02 0.42 0.00	36.07 0.84 4.33	45.76 0.22 -0.23	48.77 0.37 0.94	42.22 0.60 5.88	45.54 0.38 2.95	49.07 -0.05 1.26	32.99 0.26 3.43	37.68 0.33 3.50
LOCKPORT___CC3 323771	33.75 -1.17 4.81	32.54 -0.94 6.24	30.16 -1.48 5.40	32.68 -1.88 1.85	30.72 -1.95 2.00	31.21 -1.87 2.92	38.71 -1.72 5.73	39.31 -1.51 7.60	40.94 -1.69 3.21	38.01 -1.05 8.07	45.40 -0.48 8.74	49.00 -0.19 0.84	50.86 0.49 0.98	51.94 0.51 0.00	51.57 0.86 0.00	48.02 0.42 0.00	36.07 0.84 4.33	45.76 0.22 -0.23	48.77 0.37 0.94	42.22 0.60 5.88	45.54 0.38 2.95	49.07 -0.05 1.26	32.99 0.26 3.43	37.68 0.33 3.50
LOCUSVLY_69_KV_BK2 55797	41.68 1.94 0.00	41.64 1.92 0.00	38.56 1.52 0.00	37.90 1.51 0.00	36.22 1.55 0.00	37.76 1.75 0.00	47.85 1.69 0.00	50.10 1.62 -0.06	47.66 1.81 -0.01	49.10 1.97 0.00	57.39 2.76 0.00	53.93 2.85 -1.05	53.97 2.61 0.00	53.79 2.36 0.00	52.97 2.26 0.00	41.53 3.00 9.07	40.11 2.72 2.16	50.08 3.08 -1.70	52.68 3.34 0.00	50.62 3.12 0.00	50.84 2.73 0.00	45.46 2.01 6.94	37.78 1.62 0.00	42.73 1.89 0.00
LONG_LAKE_PHOENIX 24014	38.89 -0.84 0.00	38.86 -0.86 0.00	36.17 -0.87 0.00	35.48 -0.92 0.00	33.78 -0.90 0.00	35.13 -0.88 0.00	45.19 -0.97 0.00	47.47 -0.96 0.00	44.97 -0.87 0.00	46.27 -0.85 0.00	53.81 -0.81 0.00	49.14 -0.90 0.00	50.57 -0.78 0.00	50.72 -0.71 0.00	50.10 -0.61 0.00	47.12 -0.48 0.00	39.73 -0.23 -0.42	48.55 -0.35 -3.59	53.66 -0.25 -4.58	52.90 -0.16 -5.55	53.85 -0.25 -5.98	51.75 -0.44 -1.80	35.77 -0.39 0.00	40.32 -0.52 0.00
LOVETT___3 23632	40.69 0.95 0.00	40.52 0.80 0.00	37.80 0.76 0.00	37.18 0.77 0.00	35.48 0.80 0.00	36.86 0.86 0.00	47.08 0.91 0.00	49.37 0.89 -0.05	46.95 1.10 -0.01	48.33 1.20 0.00	55.87 1.24 0.00	50.75 1.44 0.73	52.89 1.54 0.00	53.03 1.60 0.00	52.52 1.81 0.00	50.14 2.34 -0.20	43.87 2.21 -2.11	51.30 2.53 -3.46	51.93 2.60 0.00	49.99 2.49 0.00	50.19 2.08 0.00	51.94 1.56 0.00	37.15 0.99 0.00	41.97 1.12 0.00
LOVETT___4 23642	40.69 0.95 0.00	40.52 0.80 0.00	37.80 0.76 0.00	37.18 0.77 0.00	35.48 0.80 0.00	36.86 0.86 0.00	47.08 0.91 0.00	49.37 0.89 -0.05	46.95 1.10 -0.01	48.33 1.20 0.00	55.87 1.24 0.00	50.75 1.44 0.73	52.89 1.54 0.00	53.03 1.60 0.00	52.52 1.81 0.00	50.14 2.34 -0.20	43.87 2.21 -2.11	51.30 2.53 -3.46	51.93 2.60 0.00	49.99 2.49 0.00	50.19 2.08 0.00	51.94 1.56 0.00	37.15 0.99 0.00	41.97 1.12 0.00
LOVETT___5 23593	40.69 0.95 0.00	40.52 0.80 0.00	37.80 0.76 0.00	37.18 0.77 0.00	35.48 0.80 0.00	36.86 0.86 0.00	47.08 0.91 0.00	49.37 0.89 -0.05	46.95 1.10 -0.01	48.33 1.20 0.00	55.87 1.24 0.00	50.75 1.44 0.73	52.89 1.54 0.00	53.03 1.60 0.00	52.52 1.81 0.00	50.14 2.34 -0.20	43.87 2.21 -2.11	51.30 2.53 -3.46	51.93 2.60 0.00	49.99 2.49 0.00	50.19 2.08 0.00	51.94 1.56 0.00	37.15 0.99 0.00	41.97 1.12 0.00
LOWER RAQUET___HYD 24057	40.21 0.48 0.00	40.16 0.44 0.00	37.55 0.51 0.00	36.98 0.58 0.00	35.20 0.53 0.00	36.61 0.61 0.00	47.02 0.86 0.00	49.18 0.76 0.00	46.40 0.56 0.00	47.48 0.35 0.00	55.15 0.52 0.00	50.26 0.22 0.00	51.08 -0.27 0.00	50.98 -0.45 0.00	50.04 -0.67 0.00	46.07 -1.53 0.00	38.19 -1.37 0.00	43.74 -1.57 0.00	47.79 -1.54 0.00	46.09 -1.41 0.00	47.29 -0.82 0.00	50.02 -0.36 0.00	36.37 0.21 0.00	41.42 0.58 0.00
LOWER___HUDSON 24059	40.95 1.21 0.00	41.01 1.29 0.00	38.30 1.26 0.00	37.67 1.27 0.00	35.89 1.22 0.00	37.21 1.21 0.00	47.57 1.41 0.00	50.38 1.48 -0.48	47.54 1.64 -0.06	48.60 1.48 0.00	55.43 0.80 0.00	50.77 0.74 0.00	51.97 0.61 0.00	52.20 0.77 0.00	50.97 0.26 0.00	48.24 0.65 0.00	39.89 0.33 0.00	45.67 0.36 0.00	49.64 0.31 0.00	47.82 0.32 0.00	48.76 0.65 0.00	51.07 0.68 0.00	36.62 0.45 0.00	41.21 0.36 0.00

LOWVILLE_115KV_TB2 356335	41.21 1.48 0.00	41.13 1.41 0.00	38.34 1.30 0.00	37.66 1.26 0.00	35.93 1.26 0.00	37.45 1.44 0.00	47.96 1.80 0.00	50.28 1.86 0.00	47.48 1.64 0.00	47.60 0.47 0.00	56.20 1.57 0.00	51.39 1.35 0.00	52.91 1.56 0.00	52.84 1.42 0.00	52.08 1.37 0.00	48.54 0.94 0.00	40.63 0.99 -0.08	47.71 1.70 -0.70	52.73 2.47 -0.92	51.29 2.66 -1.12	52.01 2.69 -1.21	53.31 2.56 -0.36	37.74 1.57 0.00	42.38 1.54 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	41.46 1.72 0.00	41.48 1.76 0.00	38.70 1.66 0.00	38.03 1.63 0.00	36.23 1.55 0.00	37.63 1.63 0.00	48.22 2.06 0.00	51.17 2.18 -0.56	48.08 2.18 -0.07	49.24 2.11 0.00	56.44 1.81 0.00	51.56 1.53 0.00	52.86 1.50 0.00	52.99 1.57 0.00	51.90 1.18 0.00	49.06 1.46 0.00	40.79 1.24 0.00	46.76 1.45 0.00	50.98 1.65 0.00	49.18 1.68 0.00	49.99 1.88 0.00	52.25 1.86 0.00	37.39 1.22 0.00	42.09 1.24 0.00
LUTHERNY_35_KV_BK2 355980	41.51 1.78 0.00	41.51 1.80 0.00	38.70 1.66 0.00	38.05 1.65 0.00	36.24 1.56 0.00	37.67 1.67 0.00	48.27 2.11 0.00	51.27 2.28 -0.56	48.14 2.23 -0.07	49.30 2.18 0.00	56.50 1.88 0.00	51.58 1.55 0.00	52.90 1.55 0.00	53.04 1.61 0.00	51.94 1.23 0.00	49.12 1.52 0.00	40.83 1.27 0.00	46.80 1.49 0.00	51.02 1.68 0.00	49.25 1.74 0.00	50.05 1.95 0.00	52.30 1.92 0.00	37.40 1.24 0.00	42.12 1.27 0.00
LWR__OSWEGATCHIE_HYD 23850	40.53 0.80 0.00	40.49 0.77 0.00	37.80 0.76 0.00	37.19 0.79 0.00	35.44 0.76 0.00	36.89 0.89 0.00	47.34 1.18 0.00	49.57 1.15 0.00	46.79 0.95 0.00	47.51 0.39 0.00	55.50 0.87 0.00	50.63 0.60 0.00	51.68 0.33 0.00	51.58 0.15 0.00	50.72 0.01 0.00	46.86 -0.73 0.00	39.08 -0.53 -0.06	45.37 -0.41 -0.48	49.87 -0.08 -0.63	48.35 0.09 -0.76	49.39 0.46 -0.82	51.34 0.71 -0.25	36.86 0.70 0.00	41.77 0.92 0.00
LYONS_FALL_HYD 23570	40.99 1.25 0.00	40.92 1.20 0.00	38.14 1.09 0.00	37.45 1.05 0.00	35.72 1.05 0.00	37.20 1.19 0.00	47.70 1.54 0.00	50.04 1.61 0.00	47.32 1.48 0.00	47.85 0.72 0.00	56.14 1.52 0.00	51.26 1.23 0.00	52.81 1.45 0.00	52.82 1.39 0.00	52.09 1.38 0.00	48.71 1.11 0.00	40.70 1.08 -0.06	47.50 1.69 -0.50	52.21 2.21 -0.66	50.61 2.30 -0.80	51.27 2.30 -0.87	52.79 2.14 -0.26	37.50 1.34 0.00	42.17 1.32 0.00
MADISON__COUNTY_LFGE 323628	40.72 0.99 0.00	40.65 0.93 0.00	37.83 0.79 0.00	37.15 0.74 0.00	35.40 0.73 0.00	36.85 0.84 0.00	47.37 1.21 0.00	49.80 1.37 0.00	47.20 1.36 0.00	48.33 1.20 0.00	56.26 1.63 0.00	51.26 1.23 0.00	52.83 1.48 0.00	52.90 1.47 0.00	52.27 1.56 0.00	49.08 1.48 0.00	40.99 1.38 -0.06	47.69 1.91 -0.48	52.12 2.13 -0.66	50.47 2.17 -0.80	51.06 2.09 -0.86	52.52 1.87 -0.26	37.34 1.18 0.00	42.05 1.20 0.00
MALONE__115KV_TB1 356076	40.33 0.59 0.00	40.23 0.51 0.00	37.54 0.49 0.00	36.96 0.55 0.00	35.14 0.46 0.00	36.51 0.50 0.00	46.73 0.57 0.00	49.10 0.68 0.00	46.40 0.57 0.00	47.69 0.56 0.00	55.23 0.60 0.00	50.50 0.46 0.00	51.56 0.21 0.00	51.38 -0.05 0.00	50.58 -0.14 0.00	47.18 -0.42 0.00	39.24 -0.32 0.00	44.99 -0.32 0.00	49.35 0.01 0.00	47.45 -0.06 0.00	48.19 0.08 0.00	50.61 0.23 0.00	36.59 0.42 0.00	41.48 0.63 0.00
MAPLEWOD_115KV_TB3 80458	40.67 0.93 0.00	40.70 0.98 0.00	38.02 0.97 0.00	37.40 1.00 0.00	35.66 0.99 0.00	36.97 0.96 0.00	47.23 1.07 0.00	49.94 1.11 -0.40	47.27 1.38 -0.05	48.33 1.20 0.00	55.20 0.57 0.00	50.57 0.54 0.00	51.75 0.40 0.00	52.01 0.58 0.00	50.84 0.12 0.00	48.12 0.52 0.00	39.83 0.28 0.00	45.52 0.21 0.00	49.46 0.12 0.00	47.62 0.12 0.00	48.49 0.38 0.00	50.74 0.36 0.00	36.40 0.24 0.00	40.96 0.11 0.00
MAPLE_RIDGE_WT_1 323574	39.67 -0.07 0.00	39.65 -0.07 0.00	36.99 -0.06 0.00	36.40 -0.01 0.00	34.65 -0.03 0.00	35.99 -0.02 0.00	46.12 -0.05 0.00	48.37 -0.05 0.00	45.75 -0.09 0.00	46.61 -0.52 0.00	54.52 -0.11 0.00	49.97 -0.06 0.00	51.25 -0.10 0.00	51.29 -0.14 0.00	50.55 -0.16 0.00	47.40 -0.20 0.00	39.40 -0.16 0.00	45.12 -0.18 0.00	49.15 -0.18 0.00	47.32 -0.19 0.00	47.97 -0.14 0.00	50.17 -0.21 0.00	35.96 -0.21 0.00	40.67 -0.18 0.00
MAPLE_RIDGE_WT_2 323611	39.67 -0.07 0.00	39.65 -0.07 0.00	36.99 -0.06 0.00	36.40 -0.01 0.00	34.65 -0.03 0.00	35.99 -0.02 0.00	46.12 -0.05 0.00	48.37 -0.05 0.00	45.75 -0.09 0.00	46.61 -0.52 0.00	54.52 -0.11 0.00	49.97 -0.06 0.00	51.25 -0.10 0.00	51.29 -0.14 0.00	50.55 -0.16 0.00	47.40 -0.20 0.00	39.40 -0.16 0.00	45.12 -0.18 0.00	49.15 -0.18 0.00	47.32 -0.19 0.00	47.97 -0.14 0.00	50.17 -0.21 0.00	35.96 -0.21 0.00	40.67 -0.18 0.00
MARBLE_RIVER_WT_PWR 323696	39.98 0.25 0.00	39.95 0.23 0.00	37.24 0.20 0.00	36.65 0.25 0.00	34.85 0.17 0.00	36.18 0.18 0.00	46.31 0.14 0.00	48.61 0.19 0.00	45.95 0.12 0.00	47.23 0.11 0.00	54.78 0.15 0.00	50.02 -0.02 0.00	51.07 -0.28 0.00	50.88 -0.56 0.00	49.97 -0.74 0.00	46.52 -1.08 0.00	38.68 -0.88 0.00	44.30 -1.01 0.00	48.37 -0.96 0.00	46.52 -0.98 0.00	47.27 -0.84 0.00	49.78 -0.61 0.00	36.06 -0.11 0.00	41.02 0.17 0.00
MARSHVLE_115KV_TB1 80742	41.56 1.83 0.00	41.39 1.68 0.00	38.57 1.52 0.00	37.86 1.45 0.00	36.30 1.62 0.00	37.85 1.85 0.00	48.65 2.49 0.00	51.69 2.64 -0.62	48.36 2.44 -0.08	49.62 2.49 0.00	57.90 3.28 0.00	52.76 2.72 0.00	54.38 3.03 0.00	54.73 3.30 0.00	54.11 3.40 0.00	50.92 3.32 0.00	42.43 2.87 0.00	48.55 3.24 0.00	53.10 3.77 0.00	51.25 3.75 0.00	51.62 3.51 0.00	53.77 3.39 0.00	38.36 2.20 0.00	43.33 2.48 0.00
MARSH_HILL_WT_PWR 323713	39.08 -0.66 0.00	38.81 -0.91 0.00	35.86 -1.19 0.00	34.78 -1.61 0.00	32.49 -2.19 0.00	33.56 -2.45 0.00	43.63 -2.54 0.00	45.98 -2.44 0.00	43.79 -2.05 0.00	45.93 -1.20 0.00	54.42 -0.20 0.00	49.81 -0.22 0.00	51.93 0.57 0.00	51.81 0.38 0.00	51.36 0.65 0.00	48.21 0.61 0.00	40.98 1.29 -0.14	47.73 1.22 -1.20	53.04 2.27 -1.43	52.11 2.86 -1.74	52.96 2.97 -1.88	53.51 2.56 -0.56	37.80 1.64 0.00	42.66 1.81 0.00
MCINTYRE_115KV_TB2 80467	40.94 1.20 0.00	40.91 1.19 0.00	38.24 1.20 0.00	37.67 1.27 0.00	35.84 1.16 0.00	37.30 1.29 0.00	48.16 2.00 0.00	50.15 1.73 0.00	47.25 1.42 0.00	48.22 1.09 0.00	55.70 1.07 0.00	50.69 0.66 0.00	51.61 0.26 0.00	51.51 0.08 0.00	50.62 -0.09 0.00	46.68 -0.92 0.00	38.95 -0.61 0.00	44.88 -0.43 0.00	49.18 -0.15 0.00	47.51 0.01 0.00	48.69 0.58 0.00	51.36 0.98 0.00	37.23 1.07 0.00	42.33 1.48 0.00
MECO____69_KV_BK1 80468	42.01 2.27 0.00	41.89 2.17 0.00	39.03 1.99 0.00	38.31 1.91 0.00	36.58 1.91 0.00	38.11 2.11 0.00	48.98 2.82 0.00	52.08 3.04 -0.62	48.76 2.84 -0.08	50.07 2.94 0.00	58.26 3.63 0.00	52.86 2.82 0.00	54.25 2.90 0.00	54.71 3.28 0.00	54.10 3.38 0.00	51.02 3.42 0.00	42.52 2.97 0.00	48.64 3.34 0.00	53.17 3.84 0.00	51.38 3.88 0.00	51.84 3.74 0.00	53.99 3.60 0.00	38.55 2.39 0.00	43.44 2.59 0.00

MENANDS__115KV_TB5 355628	40.41 0.67 0.00	40.45 0.73 0.00	37.80 0.75 0.00	37.19 0.78 0.00	35.46 0.79 0.00	36.75 0.75 0.00	46.91 0.75 0.00	49.58 0.78 -0.38	46.99 1.11 -0.05	48.00 0.87 0.00	54.76 0.14 0.00	50.18 0.15 0.00	51.34 -0.02 0.00	51.58 0.15 0.00	50.39 -0.33 0.00	47.74 0.14 0.00	39.48 -0.08 0.00	45.10 -0.20 0.00	48.95 -0.38 0.00	47.13 -0.37 0.00	48.02 -0.09 0.00	50.26 -0.13 0.00	36.09 -0.07 0.00	40.60 -0.25 0.00
MG INDUSTRY__DRP 24185	40.45 0.72 0.00	40.49 0.77 0.00	37.84 0.80 0.00	37.23 0.84 0.00	35.50 0.83 0.00	36.79 0.78 0.00	47.01 0.84 0.00	49.43 0.78 -0.23	46.56 0.70 -0.03	47.69 0.56 0.00	54.73 0.10 0.00	50.02 -0.01 0.00	50.60 -0.75 0.00	50.54 -0.89 0.00	49.66 -1.05 0.00	46.94 -0.68 -0.03	39.15 -0.60 -0.20	44.52 -0.79 0.00	48.42 -0.91 0.00	46.65 -0.86 0.00	47.29 -0.82 0.00	49.44 -0.95 0.00	35.48 -0.69 0.00	40.32 -0.52 0.00
MID__OSWEGATCHIE_HYD 23849	40.53 0.80 0.00	40.49 0.77 0.00	37.80 0.76 0.00	37.19 0.79 0.00	35.44 0.76 0.00	36.89 0.89 0.00	47.34 1.18 0.00	49.57 1.15 0.00	46.79 0.95 0.00	47.51 0.39 0.00	55.50 0.87 0.00	50.63 0.60 0.00	51.68 0.33 0.00	51.58 0.15 0.00	50.72 0.01 0.00	46.86 -0.73 0.00	39.08 -0.53 -0.06	45.37 -0.41 -0.48	49.87 -0.08 -0.63	48.35 0.09 -0.76	49.39 0.46 -0.82	51.34 0.71 -0.25	36.86 0.70 0.00	41.77 0.92 0.00
MID__RAQUETTE_HYD 23851	40.21 0.47 0.00	40.16 0.44 0.00	37.55 0.51 0.00	36.98 0.58 0.00	35.20 0.53 0.00	36.62 0.61 0.00	47.02 0.86 0.00	49.18 0.76 0.00	46.40 0.56 0.00	47.47 0.35 0.00	55.15 0.52 0.00	50.26 0.22 0.00	51.08 -0.28 0.00	50.98 -0.45 0.00	50.03 -0.68 0.00	46.07 -1.53 0.00	38.18 -1.37 0.00	43.75 -1.56 0.00	47.79 -1.54 0.00	46.08 -1.42 0.00	47.29 -0.82 0.00	50.03 -0.36 0.00	36.37 0.21 0.00	41.43 0.58 0.00
MILLIKEN__1 23584	40.17 0.43 0.00	40.07 0.35 0.00	37.25 0.20 0.00	36.50 0.10 0.00	34.74 0.07 0.00	36.12 0.12 0.00	46.66 0.49 0.00	49.02 0.60 0.00	46.49 0.65 0.00	47.76 0.64 0.00	55.74 1.11 0.00	51.04 1.01 0.00	52.43 1.07 0.00	52.33 0.89 0.00	51.97 1.25 0.00	48.90 1.30 0.00	41.10 1.26 -0.29	49.55 1.71 -2.54	54.48 2.11 -3.03	53.45 2.27 -3.67	54.30 2.23 -3.96	53.36 1.78 -1.19	37.21 1.05 0.00	41.84 1.00 0.00
MILLIKEN__2 23585	40.17 0.43 0.00	40.07 0.35 0.00	37.25 0.20 0.00	36.50 0.10 0.00	34.74 0.07 0.00	36.12 0.12 0.00	46.66 0.49 0.00	49.02 0.60 0.00	46.49 0.65 0.00	47.76 0.64 0.00	55.74 1.11 0.00	51.04 1.01 0.00	52.43 1.07 0.00	52.33 0.89 0.00	51.97 1.25 0.00	48.90 1.30 0.00	41.10 1.26 -0.29	49.55 1.71 -2.54	54.48 2.11 -3.03	53.45 2.27 -3.67	54.30 2.23 -3.96	53.36 1.78 -1.19	37.21 1.05 0.00	41.84 1.00 0.00
MILLIKEN__DIESEL 23629	40.17 0.43 0.00	40.07 0.35 0.00	37.25 0.20 0.00	36.50 0.10 0.00	34.74 0.07 0.00	36.12 0.12 0.00	46.66 0.49 0.00	49.02 0.60 0.00	46.49 0.65 0.00	47.76 0.64 0.00	55.74 1.11 0.00	51.04 1.01 0.00	52.43 1.07 0.00	52.33 0.89 0.00	51.97 1.25 0.00	48.90 1.30 0.00	41.10 1.26 -0.29	49.55 1.71 -2.54	54.48 2.11 -3.03	53.45 2.27 -3.67	54.30 2.23 -3.96	53.36 1.78 -1.19	37.21 1.05 0.00	41.84 1.00 0.00
MILLSEAT__LFGE 323607	35.94 0.27 4.07	34.87 0.43 5.28	32.29 -0.18 4.57	34.25 -0.59 1.56	32.30 -0.68 1.69	33.06 -0.48 2.47	41.47 0.15 4.84	42.61 0.62 6.43	43.51 0.39 2.71	41.08 0.77 6.82	48.48 1.25 7.39	50.86 1.54 0.71	52.68 2.16 0.83	53.55 2.12 0.00	53.50 2.79 0.00	49.67 2.07 0.00	38.29 2.41 3.68	47.39 2.09 0.00	51.35 2.82 0.80	45.80 3.28 4.98	48.70 3.09 2.49	51.93 2.61 1.07	35.19 1.93 2.90	39.93 2.04 2.96
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.88 1.14 0.00	40.72 1.01 0.00	37.95 0.91 0.00	37.34 0.94 0.00	35.63 0.96 0.00	37.02 1.02 0.00	47.32 1.16 0.00	49.63 1.16 -0.06	47.21 1.37 -0.01	48.59 1.46 0.00	56.13 1.50 0.00	55.13 1.62 -3.48	53.07 1.71 0.00	53.16 1.73 0.00	52.61 1.90 0.00	50.23 2.48 -0.15	45.32 2.32 -3.45	51.39 2.64 -3.44	52.03 2.70 0.00	50.10 2.59 0.00	50.29 2.18 0.00	52.04 1.66 0.00	37.23 1.07 0.00	42.06 1.21 0.00
MILLWOOD_13_KV_LOAD 356217	40.98 1.25 0.00	40.82 1.11 0.00	38.04 1.00 0.00	37.42 1.02 0.00	35.71 1.03 0.00	37.10 1.10 0.00	47.43 1.27 0.00	49.76 1.28 -0.06	47.33 1.49 -0.01	48.73 1.60 0.00	56.29 1.67 0.00	55.30 1.78 -3.48	53.23 1.88 0.00	53.29 1.86 0.00	52.76 2.04 0.00	50.37 2.62 -0.15	45.46 2.45 -3.45	51.54 2.80 -3.44	52.22 2.89 0.00	50.25 2.75 0.00	50.44 2.34 0.00	52.19 1.80 0.00	37.33 1.16 0.00	42.15 1.31 0.00
MODEL_CITY_ENERGY 24167	33.38 -1.33 5.03	32.09 -1.10 6.52	29.76 -1.64 5.65	32.44 -2.03 1.93	30.49 -2.09 2.10	30.93 -2.02 3.05	38.25 -1.92 5.99	38.74 -1.73 7.95	40.59 -1.89 3.35	37.48 -1.20 8.45	44.74 -0.74 9.14	48.75 -0.41 0.88	50.59 0.25 1.03	51.70 0.27 0.00	51.28 0.57 0.00	47.72 0.12 0.00	35.60 0.57 4.52	45.43 -0.11 -0.23	48.37 0.02 0.99	41.57 0.22 6.15	44.98 -0.04 3.08	48.59 -0.47 1.32	32.55 -0.03 3.59	37.21 0.02 3.66
MODERN_LFGE__ 323580	33.38 -1.33 5.03	32.09 -1.10 6.52	29.76 -1.64 5.65	32.44 -2.03 1.93	30.49 -2.09 2.10	30.93 -2.02 3.05	38.25 -1.92 5.99	38.74 -1.73 7.95	40.59 -1.89 3.35	37.48 -1.20 8.45	44.74 -0.74 9.14	48.75 -0.41 0.88	50.59 0.25 1.03	51.70 0.27 0.00	51.28 0.57 0.00	47.72 0.12 0.00	35.60 0.57 4.52	45.43 -0.11 -0.23	48.37 0.02 0.99	41.57 0.22 6.15	44.98 -0.04 3.08	48.59 -0.47 1.32	32.55 -0.03 3.59	37.21 0.02 3.66
MOHAWK_PAPER__DRP 24187	40.67 0.93 0.00	40.70 0.98 0.00	38.02 0.97 0.00	37.40 1.00 0.00	35.66 0.99 0.00	36.97 0.96 0.00	47.23 1.07 0.00	49.94 1.11 -0.40	47.27 1.38 -0.05	48.33 1.20 0.00	55.20 0.57 0.00	50.57 0.54 0.00	51.75 0.40 0.00	52.01 0.58 0.00	50.84 0.12 0.00	48.12 0.52 0.00	39.83 0.28 0.00	45.52 0.21 0.00	49.46 0.12 0.00	47.62 0.12 0.00	48.49 0.38 0.00	50.74 0.36 0.00	36.40 0.24 0.00	40.96 0.11 0.00
MOHICAN__35_KV_115KV_LD 80490	41.81 2.08 0.00	41.83 2.12 0.00	38.98 1.93 0.00	38.32 1.91 0.00	36.42 1.75 0.00	37.92 1.91 0.00	48.65 2.49 0.00	51.69 2.70 -0.57	48.61 2.70 -0.07	49.69 2.56 0.00	56.63 2.00 0.00	51.64 1.61 0.00	52.89 1.53 0.00	52.88 1.45 0.00	51.69 0.98 0.00	48.86 1.27 0.00	40.89 1.33 0.00	46.88 1.57 0.00	51.34 2.01 0.00	49.60 2.10 0.00	50.49 2.39 0.00	52.92 2.53 0.00	37.82 1.65 0.00	42.52 1.68 0.00
MONGAUP__HYD 23641	41.08 1.35 0.00	40.91 1.19 0.00	38.14 1.10 0.00	37.50 1.10 0.00	35.76 1.09 0.00	37.16 1.15 0.00	47.59 1.43 0.00	49.97 1.50 -0.05	47.45 1.61 -0.01	48.82 1.69 0.00	56.54 1.92 0.00	51.32 1.79 0.49	53.20 1.84 0.00	52.60 1.17 0.00	51.98 1.27 0.00	49.03 1.95 0.52	35.30 2.27 6.53	39.21 2.62 8.72	52.41 2.69 -0.39	50.88 2.90 -0.47	51.49 2.87 -0.51	52.90 2.36 -0.15	37.66 1.50 0.00	42.41 1.57 0.00

MONTAUK___DIESEL 23721	43.52 3.78 0.00	43.99 4.27 0.00	40.35 3.31 0.00	39.63 3.23 0.00	37.89 3.22 0.00	39.80 3.80 0.00	49.68 3.52 0.00	51.68 3.20 -0.06	48.65 2.80 -0.01	49.60 2.47 0.00	58.05 3.42 0.00	55.00 3.91 -1.05	54.16 2.81 0.00	53.22 1.79 0.00	51.67 0.96 0.00	30.59 1.76 18.78	34.86 1.88 6.57	49.10 2.76 -1.03	52.94 3.61 0.00	50.29 2.79 0.00	50.21 2.10 0.00	36.77 0.65 14.27	38.04 1.87 0.00	43.33 2.48 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.25 -0.48 0.00	38.35 -1.37 0.00	35.20 -1.85 0.00	34.37 -2.04 0.00	32.37 -2.31 0.00	33.72 -2.29 0.00	44.56 -1.61 0.00	47.58 -0.85 0.00	45.32 -0.51 0.00	47.52 0.39 0.00	56.36 1.73 0.00	51.77 1.73 0.00	53.48 2.13 0.00	53.12 1.68 0.00	52.85 2.14 0.00	49.30 1.70 0.00	41.64 2.01 -0.07	48.31 2.38 -0.62	52.82 2.77 -0.72	51.25 2.87 -0.87	51.66 2.62 -0.94	53.12 2.45 -0.28	37.82 1.66 0.00	42.30 1.45 0.00
MORRIS_RIDGE___SOLAR 323848	38.79 -0.94 0.00	38.67 -1.05 0.00	35.71 -1.33 0.00	34.72 -1.68 0.00	32.59 -2.08 0.00	33.85 -2.15 0.00	44.06 -2.11 0.00	46.47 -1.95 0.00	44.12 -1.72 0.00	46.10 -1.04 0.00	54.32 -0.30 0.00	49.97 -0.06 0.00	51.87 0.51 0.00	51.45 0.02 0.00	51.01 0.30 0.00	47.70 0.10 0.00	40.30 0.63 -0.11	46.69 0.42 -0.96	51.67 1.20 -1.14	50.72 1.83 -1.38	51.41 1.81 -1.49	52.22 1.38 -0.45	37.08 0.91 0.00	41.88 1.03 0.00
MORTIMER_115KV_TB3 55949	39.42 -0.32 0.00	39.49 -0.23 0.00	36.44 -0.60 0.00	35.52 -0.88 0.00	33.76 -0.92 0.00	35.19 -0.81 0.00	45.67 -0.50 0.00	48.15 -0.28 0.00	45.53 -0.30 0.00	47.24 0.11 0.00	55.50 0.87 0.00	51.01 0.98 0.00	52.82 1.47 0.00	53.06 1.63 0.00	52.66 1.95 0.00	49.28 1.69 0.00	41.31 1.76 0.00	46.94 1.63 0.00	51.29 1.95 0.00	49.48 1.98 0.00	49.86 1.75 0.00	51.75 1.36 0.00	37.18 1.02 0.00	41.90 1.06 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	41.20 1.46 0.00	41.01 1.29 0.00	38.19 1.15 0.00	37.56 1.16 0.00	35.85 1.18 0.00	37.27 1.27 0.00	47.65 1.49 0.00	50.01 1.53 -0.06	47.64 1.79 -0.01	49.06 1.93 0.00	56.50 1.87 0.00	52.92 1.90 -0.98	53.37 2.01 0.00	53.41 1.97 0.00	52.92 2.21 0.00	50.60 2.87 -0.13	44.21 2.64 -2.02	50.77 2.99 -2.47	52.35 3.02 0.00	50.40 2.90 0.00	50.56 2.45 0.00	52.27 1.89 0.00	37.45 1.29 0.00	42.36 1.51 0.00
MUNSVILLE_WIND_PWR 323609	44.27 2.66 -1.87	44.68 2.54 -2.43	41.39 2.24 -2.10	39.26 2.13 -0.72	37.42 1.95 -0.80	39.42 2.26 -1.16	51.89 3.45 -2.28	55.03 3.62 -2.99	50.37 3.28 -1.26	52.95 2.94 -2.88	62.13 4.02 -3.48	54.16 3.79 -0.33	55.65 3.91 -0.39	55.33 3.90 0.00	54.65 3.94 0.00	51.57 3.97 0.00	45.31 3.78 -1.97	51.98 4.62 -2.05	57.73 5.47 -2.93	58.97 5.79 -5.68	58.34 5.63 -4.59	56.97 5.10 -1.49	40.72 3.19 -1.37	45.46 3.22 -1.39
N SALMON___HYD 24042	40.33 0.59 0.00	40.23 0.51 0.00	37.54 0.49 0.00	36.96 0.55 0.00	35.14 0.46 0.00	36.51 0.50 0.00	46.73 0.57 0.00	49.10 0.68 0.00	46.40 0.56 0.00	47.69 0.57 0.00	55.23 0.60 0.00	50.49 0.46 0.00	51.56 0.21 0.00	51.38 -0.05 0.00	50.58 -0.13 0.00	47.18 -0.42 0.00	39.24 -0.32 0.00	44.98 -0.32 0.00	49.35 0.01 0.00	47.45 -0.06 0.00	48.19 0.08 0.00	50.61 0.23 0.00	36.58 0.42 0.00	41.47 0.63 0.00
N.AKRON__115KV_KNAPP 355671	39.52 -0.22 0.00	39.68 -0.03 0.00	36.40 -0.64 0.00	35.36 -1.04 0.00	33.54 -1.14 0.00	35.03 -0.98 0.00	45.64 -0.52 0.00	48.23 -0.19 0.00	45.51 -0.33 0.00	47.27 0.14 0.00	55.31 0.68 0.00	50.96 0.93 0.00	52.98 1.63 0.00	53.08 1.65 0.00	52.86 2.15 0.00	49.12 1.52 0.00	41.45 1.90 0.00	46.75 1.44 0.00	51.29 1.96 0.00	49.83 2.33 0.00	50.17 2.07 0.00	52.01 1.63 0.00	37.49 1.33 0.00	42.27 1.43 0.00
N.BELMOR_69_KV_BK1 55787	41.64 1.90 0.00	41.63 1.91 0.00	38.54 1.50 0.00	37.85 1.45 0.00	36.17 1.49 0.00	37.76 1.76 0.00	47.77 1.60 0.00	49.89 1.41 -0.06	47.52 1.68 -0.01	48.96 1.83 0.00	57.17 2.54 0.00	53.82 2.73 -1.05	53.80 2.44 0.00	53.64 2.21 0.00	52.55 1.84 0.00	40.47 2.54 9.67	39.47 2.35 2.44	49.55 2.73 -1.52	52.36 3.03 0.00	50.35 2.85 0.00	50.77 2.67 0.00	44.88 1.89 7.40	37.76 1.60 0.00	42.65 1.81 0.00
N.E._GEN_SANDY PD 24062	44.99 1.08 -4.18	41.92 1.14 -1.07	38.28 1.13 -0.10	37.60 1.18 -0.02	36.15 1.16 -0.31	40.90 1.08 -3.81	53.73 1.18 -6.39	52.62 1.20 -3.00	47.42 1.55 -0.03	48.60 1.47 0.00	54.34 0.52 0.81	51.61 0.55 -1.02	52.22 0.39 -0.47	58.90 0.58 -6.89	42.51 -0.06 8.14	28.41 0.51 19.69	42.38 0.12 -2.71	32.38 0.06 12.99	28.94 -0.09 20.30	30.80 -0.13 16.57	32.35 0.22 15.98	49.25 0.23 1.37	32.08 0.15 4.23	39.23 0.04 1.66
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.78 1.04 0.00	40.58 0.86 0.00	37.87 0.82 0.00	37.24 0.84 0.00	35.54 0.87 0.00	36.93 0.92 0.00	47.18 1.02 0.00	49.48 1.01 -0.05	47.05 1.21 -0.01	48.46 1.33 0.00	56.06 1.43 0.00	50.93 1.63 0.73	53.10 1.75 0.00	53.27 1.84 0.00	52.77 2.06 0.00	50.40 2.58 -0.22	44.31 2.41 -2.34	51.88 2.78 -3.79	52.20 2.87 0.00	50.25 2.75 0.00	50.43 2.32 0.00	52.18 1.80 0.00	37.28 1.12 0.00	42.10 1.25 0.00
N.QUEENS_27_KV_LOAD 356247	41.26 1.52 0.00	41.05 1.34 0.00	38.16 1.12 0.00	37.54 1.14 0.00	35.84 1.16 0.00	37.28 1.28 0.00	47.67 1.51 0.00	50.01 1.54 -0.06	47.76 1.92 -0.01	49.06 1.93 0.00	56.47 1.84 0.00	53.00 1.99 -0.98	53.27 1.91 0.00	53.39 1.96 0.00	52.84 2.13 0.00	50.61 2.88 -0.13	44.16 2.58 -2.02	50.63 2.86 -2.47	52.18 2.85 0.00	50.33 2.83 0.00	50.43 2.33 0.00	52.25 1.87 0.00	37.47 1.31 0.00	42.32 1.47 0.00
N.TROY___115KV_TB1 355778	40.95 1.21 0.00	41.01 1.29 0.00	38.30 1.26 0.00	37.67 1.27 0.00	35.89 1.22 0.00	37.21 1.21 0.00	47.57 1.41 0.00	50.38 1.48 -0.48	47.54 1.64 -0.06	48.61 1.48 0.00	55.43 0.81 0.00	50.78 0.75 0.00	51.97 0.61 0.00	52.20 0.77 0.00	50.97 0.26 0.00	48.24 0.64 0.00	39.89 0.33 0.00	45.67 0.36 0.00	49.64 0.31 0.00	47.82 0.32 0.00	48.75 0.65 0.00	51.07 0.68 0.00	36.62 0.45 0.00	41.21 0.36 0.00
NARROWS_GT1_1 24228	41.43 1.70 0.00	41.19 1.47 0.00	38.23 1.18 0.00	37.58 1.18 0.00	35.87 1.19 0.00	37.30 1.29 0.00	47.69 1.53 0.00	50.05 1.57 -0.06	47.76 1.91 -0.01	49.13 2.00 0.00	56.54 1.91 0.00	53.06 2.05 -0.98	53.54 2.18 0.00	53.58 2.15 0.00	53.03 2.32 0.00	50.81 3.08 -0.13	44.41 2.83 -2.02	50.88 3.11 -2.47	52.46 3.13 0.00	50.61 3.11 0.00	50.73 2.62 0.00	52.53 2.15 0.00	37.58 1.42 0.00	42.45 1.60 0.00
NARROWS_GT1_2 24229	41.43 1.70 0.00	41.19 1.47 0.00	38.23 1.18 0.00	37.58 1.18 0.00	35.87 1.19 0.00	37.30 1.29 0.00	47.69 1.53 0.00	50.05 1.57 -0.06	47.76 1.91 -0.01	49.13 2.00 0.00	56.54 1.91 0.00	53.06 2.05 -0.98	53.54 2.18 0.00	53.58 2.15 0.00	53.03 2.32 0.00	50.81 3.08 -0.13	44.41 2.83 -2.02	50.88 3.11 -2.47	52.46 3.13 0.00	50.61 3.11 0.00	50.73 2.62 0.00	52.53 2.15 0.00	37.58 1.42 0.00	42.45 1.60 0.00

NCHELSEA_115KV_TR2 355582	41.24 1.51 0.00	41.09 1.38 0.00	38.31 1.26 0.00	37.68 1.28 0.00	35.95 1.28 0.00	37.35 1.34 0.00	47.78 1.62 0.00	50.15 1.67 -0.06	47.69 1.84 -0.01	49.11 1.99 0.00	56.73 2.10 0.00	52.11 2.07 0.00	53.43 2.08 0.00	53.52 2.09 0.00	53.03 2.32 0.00	50.54 2.87 -0.07	43.08 2.68 -0.85	49.59 3.08 -1.20	52.54 3.21 0.00	50.54 3.04 0.00	50.71 2.61 0.00	52.50 2.12 0.00	37.53 1.36 0.00	42.33 1.48 0.00
NEG CAPITAL___MECHNVIL 23645	41.54 1.80 0.00	41.56 1.84 0.00	38.79 1.74 0.00	38.11 1.71 0.00	36.30 1.63 0.00	37.71 1.71 0.00	48.30 2.14 0.00	51.25 2.28 -0.54	48.22 2.31 -0.07	49.37 2.25 0.00	56.56 1.93 0.00	51.71 1.68 0.00	53.00 1.65 0.00	53.15 1.72 0.00	52.00 1.29 0.00	49.20 1.60 0.00	40.84 1.28 0.00	46.84 1.53 0.00	51.03 1.70 0.00	49.22 1.71 0.00	50.05 1.94 0.00	52.32 1.93 0.00	37.42 1.26 0.00	42.11 1.26 0.00
NEG CENTRAL_HIGH_ACRES 23767	38.82 -0.92 0.00	38.86 -0.86 0.00	35.91 -1.13 0.00	35.06 -1.34 0.00	33.35 -1.33 0.00	34.77 -1.23 0.00	45.06 -1.10 0.00	47.46 -0.96 0.00	44.91 -0.93 0.00	46.55 -0.58 0.00	54.60 -0.02 0.00	50.06 0.03 0.00	51.82 0.46 0.00	52.07 0.64 0.00	51.67 0.96 0.00	48.40 0.80 0.00	40.54 0.93 -0.05	46.58 0.85 -0.43	50.85 1.09 -0.43	49.11 1.09 -0.52	49.52 0.86 -0.56	50.99 0.44 -0.17	36.47 0.31 0.00	41.08 0.24 0.00
NEG CENTRAL___DRP 24199	39.73 0.00 0.00	39.64 -0.08 0.00	36.80 -0.25 0.00	36.00 -0.40 0.00	34.20 -0.48 0.00	35.57 -0.44 0.00	46.05 -0.11 0.00	48.45 0.03 0.00	45.99 0.15 0.00	47.50 0.37 0.00	55.51 0.88 0.00	50.76 0.72 0.00	52.10 0.75 0.00	52.42 0.99 0.00	52.12 1.41 0.00	48.88 1.28 0.00	41.10 1.31 -0.23	49.05 1.71 -2.04	53.79 2.14 -2.32	52.58 2.27 -2.81	53.28 2.14 -3.03	52.97 1.68 -0.91	37.14 0.98 0.00	41.79 0.95 0.00
NEG CENTRAL___INDECK 23768	40.29 0.55 0.00	40.22 0.50 0.00	37.10 0.06 0.00	36.13 -0.27 0.00	34.11 -0.57 0.00	35.57 -0.43 0.00	46.38 0.22 0.00	48.96 0.54 0.00	46.38 1.02 0.00	48.15 1.89 0.00	56.51 1.71 0.00	51.74 1.91 0.00	53.26 1.81 0.00	53.24 1.82 0.00	52.53 1.77 0.00	49.37 2.40 -0.08	42.04 2.08 -0.74	48.13 3.23 -0.85	53.41 3.96 -1.03	52.49 4.09 -1.11	53.31 3.61 -0.33	54.33 2.47 0.00	38.63 2.56 0.00	43.40 0.00 0.00
NEG CENTRAL___SENECA 23627	39.85 0.11 0.00	39.74 0.03 0.00	36.87 -0.18 0.00	36.03 -0.37 0.00	34.18 -0.50 0.00	35.54 -0.47 0.00	46.12 -0.04 0.00	48.58 0.15 0.00	46.15 0.31 0.00	47.74 0.62 0.00	55.92 1.29 0.00	51.12 1.09 0.00	52.50 1.15 0.00	52.78 1.35 0.00	52.53 1.82 0.00	49.25 1.65 0.00	41.34 1.64 -0.15	48.62 2.05 -1.27	53.39 2.62 -1.44	52.09 2.84 -1.74	52.67 2.69 -1.88	53.15 2.20 -0.57	37.48 1.32 0.00	42.20 1.35 0.00
NEG CENTRAL___STATE_STREET 24147	39.81 0.07 0.00	39.73 0.01 0.00	36.84 -0.20 0.00	36.10 -0.30 0.00	34.36 -0.32 0.00	35.75 -0.26 0.00	46.14 -0.03 0.00	48.46 0.04 0.00	45.94 0.11 0.00	47.34 0.21 0.00	55.16 0.53 0.00	50.44 0.41 0.00	51.81 0.45 0.00	52.03 0.61 0.00	51.75 1.03 0.00	48.48 0.88 0.00	40.88 1.03 -0.30	49.40 1.46 -2.64	54.13 1.78 -3.02	52.85 1.69 -3.66	53.78 1.72 -3.95	52.87 1.29 -1.19	36.91 0.74 0.00	41.41 0.56 0.00
NEG MILLWOOD___DRP 24198	41.32 1.59 0.00	41.17 1.45 0.00	38.34 1.30 0.00	37.71 1.31 0.00	35.98 1.31 0.00	37.37 1.37 0.00	47.84 1.68 0.00	50.21 1.73 -0.06	47.77 1.92 -0.01	49.21 2.08 0.00	56.81 2.19 0.00	52.41 2.18 -0.20	53.60 2.24 0.00	53.65 2.22 0.00	53.12 2.41 0.00	50.69 3.00 -0.09	43.50 2.76 -1.18	50.09 3.20 -1.58	52.67 3.34 0.00	50.65 3.15 0.00	50.81 2.70 0.00	52.57 2.18 0.00	37.58 1.41 0.00	42.38 1.53 0.00
NEG NORTH_FLCN_SEA 23793	40.93 1.20 0.00	40.79 1.07 0.00	38.02 0.97 0.00	37.44 1.04 0.00	35.61 0.93 0.00	36.98 0.97 0.00	47.36 1.20 0.00	49.69 1.27 0.00	47.01 1.17 0.00	48.07 0.94 0.00	55.45 0.83 0.00	50.37 0.34 0.00	51.02 -0.33 0.00	50.40 -1.03 0.00	49.31 -1.40 0.00	45.65 -1.95 0.00	38.04 -1.52 0.00	43.62 -1.68 0.00	47.61 -1.73 0.00	45.88 -1.62 0.00	46.69 -1.42 0.00	49.56 -0.83 0.00	36.30 0.14 0.00	41.67 0.82 0.00
NEG NORTH_KES_CHATEGAY 23792	39.88 0.15 0.00	39.86 0.15 0.00	37.17 0.13 0.00	36.58 0.18 0.00	34.77 0.10 0.00	36.12 0.11 0.00	46.24 0.07 0.00	48.54 0.12 0.00	45.86 0.02 0.00	47.14 0.02 0.00	54.67 0.04 0.00	49.97 -0.06 0.00	51.09 -0.27 0.00	50.95 -0.48 0.00	50.08 -0.63 0.00	46.63 -0.96 0.00	38.77 -0.79 0.00	44.41 -0.90 0.00	48.56 -0.77 0.00	46.72 -0.78 0.00	47.48 -0.63 0.00	49.93 -0.45 0.00	36.10 -0.06 0.00	40.99 0.14 0.00
NEG NORTH___ALICE_FALLS 23915	40.89 1.15 0.00	40.73 1.02 0.00	37.98 0.94 0.00	37.40 1.00 0.00	35.57 0.90 0.00	36.95 0.95 0.00	47.32 1.16 0.00	49.63 1.21 0.00	46.93 1.09 0.00	48.04 0.91 0.00	55.44 0.81 0.00	50.40 0.37 0.00	51.23 -0.12 0.00	50.79 -0.63 0.00	49.75 -0.96 0.00	46.18 -1.42 0.00	38.49 -1.06 0.00	44.21 -1.10 0.00	48.34 -0.99 0.00	46.61 -0.89 0.00	47.40 -0.71 0.00	50.11 -0.28 0.00	36.51 0.35 0.00	41.72 0.88 0.00
NEG NORTH___LWR_SARANAC 23913	40.89 1.15 0.00	40.73 1.02 0.00	37.98 0.94 0.00	37.40 1.00 0.00	35.57 0.90 0.00	36.95 0.95 0.00	47.32 1.16 0.00	49.63 1.21 0.00	46.93 1.09 0.00	48.04 0.91 0.00	55.44 0.81 0.00	50.40 0.37 0.00	51.23 -0.12 0.00	50.79 -0.63 0.00	49.75 -0.96 0.00	46.18 -1.42 0.00	38.49 -1.06 0.00	44.21 -1.10 0.00	48.34 -0.99 0.00	46.61 -0.89 0.00	47.40 -0.71 0.00	50.11 -0.28 0.00	36.51 0.35 0.00	41.72 0.88 0.00
NEG NORTH___PLATTSBURG 23628	40.89 1.16 0.00	40.73 1.01 0.00	37.99 0.94 0.00	37.40 1.01 0.00	35.57 0.90 0.00	36.95 0.94 0.00	47.32 1.16 0.00	49.63 1.21 0.00	46.93 1.10 0.00	48.04 0.91 0.00	55.44 0.81 0.00	50.41 0.37 0.00	51.23 -0.12 0.00	50.79 -0.63 0.00	49.75 -0.96 0.00	46.17 -1.42 0.00	38.49 -1.07 0.00	44.21 -1.10 0.00	48.34 -0.99 0.00	46.61 -0.89 0.00	47.40 -0.71 0.00	50.11 -0.28 0.00	36.51 0.35 0.00	41.72 0.88 0.00
NEG WEST_LEA_LOCKPORT 23791	38.56 -1.17 0.00	38.77 -0.95 0.00	35.56 -1.49 0.00	34.52 -1.89 0.00	32.70 -1.97 0.00	34.12 -1.88 0.00	44.43 -1.74 0.00	46.86 -1.57 0.00	44.16 -1.67 0.00	46.05 -1.08 0.00	54.15 -0.48 0.00	49.84 -0.19 0.00	51.84 0.49 0.00	51.94 0.52 0.00	51.56 0.85 0.00	48.01 0.41 0.00	40.43 0.85 -0.02	45.73 0.19 -0.23	49.71 0.37 0.00	48.15 0.65 0.00	48.47 0.36 0.00	50.32 -0.06 0.00	36.43 0.26 0.00	41.17 0.32 0.00
NEG WEST___LANCASTR 23811	38.78 -0.95 0.00	38.91 -0.81 0.00	35.71 -1.33 0.00	34.67 -1.73 0.00	32.86 -1.82 0.00	34.25 -1.76 0.00	44.61 -1.55 0.00	47.08 -1.34 0.00	44.42 -1.41 0.00	46.44 -0.69 0.00	54.86 0.23 0.00	50.44 0.41 0.00	52.53 1.18 0.00	52.47 1.04 0.00	52.23 1.52 0.00	48.72 1.12 0.00	40.90 1.29 -0.05	46.40 0.65 -0.43	50.67 0.85 -0.48	49.22 1.14 -0.58	49.80 1.06 -0.63	51.19 0.61 -0.19	36.94 0.77 0.00	41.72 0.87 0.00

NEG_PENN_ALLEGHNY 23528	42.63 0.04 -2.85	43.37 -0.05 -3.70	40.16 -0.09 -3.21	37.33 -0.17 -1.10	35.69 -0.19 -1.20	37.53 -0.22 -1.75	49.56 -0.02 -3.43	53.04 0.03 -4.58	47.93 0.16 -1.93	52.38 0.27 -4.97	60.48 0.62 -5.23	51.15 0.61 -0.50	52.78 0.83 -0.59	52.21 0.78 0.00	51.60 0.89 0.00	48.53 0.94 0.00	43.47 1.05 -2.86	48.85 1.35 -2.20	54.19 1.54 -3.32	56.31 1.66 -7.15	55.09 1.51 -5.47	53.29 1.09 -1.82	38.73 0.52 -2.06	43.48 0.54 -2.09
NEG___GEN_MONROE 24207	39.79 0.06 0.00	39.83 0.11 0.00	36.76 -0.29 0.00	35.75 -0.65 0.00	33.95 -0.73 0.00	35.47 -0.54 0.00	46.08 -0.08 0.00	48.55 0.13 0.00	45.90 0.07 0.00	47.61 0.48 0.00	55.89 1.26 0.00	51.63 1.60 0.00	53.38 2.03 0.00	53.51 2.08 0.00	53.30 2.59 0.00	49.83 2.23 0.00	41.67 2.11 0.00	47.38 2.07 0.00	51.75 2.42 0.00	50.21 2.70 0.00	50.56 2.45 0.00	52.47 2.08 0.00	37.70 1.53 0.00	42.40 1.55 0.00
NEPA___ENERGY 23901	38.84 -0.90 0.00	38.58 -1.13 0.00	35.60 -1.44 0.00	34.69 -1.71 0.00	32.86 -1.82 0.00	34.08 -1.93 0.00	44.52 -1.65 0.00	47.10 -1.32 0.00	44.78 -1.06 0.00	46.53 -0.59 0.00	55.15 0.52 0.00	50.68 0.65 0.00	52.63 1.27 0.00	52.58 1.15 0.00	52.23 1.52 0.00	48.68 1.09 0.00	41.04 1.42 -0.07	47.46 1.53 -0.61	51.73 1.69 -0.70	50.24 1.88 -0.85	50.71 1.69 -0.92	51.94 1.27 -0.28	36.81 0.65 0.00	41.52 0.68 0.00
NEVERSINK___HYD 23608	40.43 0.70 0.00	40.37 0.65 0.00	37.66 0.62 0.00	37.03 0.63 0.00	35.33 0.66 0.00	36.70 0.70 0.00	47.00 0.84 0.00	49.36 0.88 -0.06	46.91 1.07 -0.01	48.35 1.22 0.00	55.90 1.28 0.00	51.25 1.36 0.14	52.56 1.21 0.00	52.56 1.13 0.00	52.13 1.42 0.00	49.72 2.12 0.00	41.66 2.13 0.02	48.14 2.54 -0.30	52.37 2.65 -0.39	50.50 2.52 -0.47	50.72 2.10 -0.51	52.16 1.62 -0.15	37.14 0.97 0.00	41.84 1.00 0.00
NEWKRMKL_115KV_TB1 55635	40.22 0.48 0.00	40.25 0.54 0.00	37.62 0.58 0.00	37.03 0.63 0.00	35.32 0.64 0.00	36.62 0.62 0.00	46.70 0.53 0.00	49.32 0.56 -0.34	46.68 0.80 -0.04	47.70 0.57 0.00	54.55 -0.08 0.00	49.99 -0.04 0.00	51.15 -0.21 0.00	51.36 -0.06 0.00	50.29 -0.42 0.00	47.64 0.05 0.00	39.49 -0.07 0.00	45.07 -0.23 0.00	48.92 -0.41 0.00	47.11 -0.39 0.00	47.90 -0.20 0.00	50.08 -0.31 0.00	35.98 -0.19 0.00	40.47 -0.38 0.00
NEWTON___FALLS_HYD 23847	40.53 0.80 0.00	40.49 0.77 0.00	37.80 0.76 0.00	37.19 0.79 0.00	35.44 0.76 0.00	36.89 0.89 0.00	47.34 1.18 0.00	49.57 1.15 0.00	46.79 0.95 0.00	47.51 0.39 0.00	55.50 0.87 0.00	50.63 0.60 0.00	51.68 0.33 0.00	51.58 0.15 0.00	50.72 0.01 0.00	46.86 -0.73 0.00	39.08 -0.53 -0.06	45.37 -0.41 -0.48	49.87 -0.08 -0.63	48.35 0.09 -0.76	49.39 0.46 -0.82	51.34 0.71 -0.25	36.86 0.70 0.00	41.77 0.92 0.00
NGRID_A1_DSASP 323792	38.00 -1.73 0.00	38.06 -1.65 0.00	34.93 -2.11 0.00	34.05 -2.36 0.00	32.27 -2.40 0.00	33.67 -2.34 0.00	43.53 -2.63 0.00	45.77 -2.65 0.00	43.16 -2.68 0.00	45.06 -2.07 0.00	53.33 -1.30 0.00	49.15 -0.89 0.00	51.05 -0.31 0.00	51.13 -0.29 0.00	50.86 0.15 0.00	47.39 -0.20 0.00	39.84 0.26 -0.02	45.01 -0.52 -0.23	48.87 -0.46 0.00	47.23 -0.27 0.00	47.50 -0.60 0.00	49.44 -0.95 0.00	35.94 -0.23 0.00	40.75 -0.09 0.00
NGRID_A2_DSASP 323793	38.00 -1.73 0.00	38.06 -1.65 0.00	34.93 -2.11 0.00	34.05 -2.36 0.00	32.27 -2.40 0.00	33.67 -2.34 0.00	43.53 -2.63 0.00	45.77 -2.65 0.00	43.16 -2.68 0.00	45.06 -2.07 0.00	53.33 -1.30 0.00	49.15 -0.89 0.00	51.05 -0.31 0.00	51.13 -0.29 0.00	50.86 0.15 0.00	47.39 -0.20 0.00	39.84 0.26 -0.02	45.01 -0.52 -0.23	48.87 -0.46 0.00	47.23 -0.27 0.00	47.50 -0.60 0.00	49.44 -0.95 0.00	35.94 -0.23 0.00	40.75 -0.09 0.00
NGRID_A4_DSASP 323807	38.00 -1.73 0.00	38.06 -1.65 0.00	34.93 -2.11 0.00	34.05 -2.36 0.00	32.27 -2.40 0.00	33.67 -2.34 0.00	43.53 -2.63 0.00	45.77 -2.65 0.00	43.16 -2.68 0.00	45.06 -2.07 0.00	53.33 -1.30 0.00	49.15 -0.89 0.00	51.05 -0.31 0.00	51.13 -0.29 0.00	50.86 0.15 0.00	47.39 -0.20 0.00	39.84 0.26 -0.02	45.01 -0.52 -0.23	48.87 -0.46 0.00	47.23 -0.27 0.00	47.50 -0.60 0.00	49.44 -0.95 0.00	35.94 -0.23 0.00	40.75 -0.09 0.00
NIAGARA_115E_LBMP 323715	33.12 -1.46 5.16	31.80 -1.23 6.69	29.49 -1.76 5.80	32.27 -2.15 1.98	30.31 -2.22 2.15	30.73 -2.15 3.13	37.93 -2.10 6.14	38.35 -1.92 8.15	40.32 -2.07 3.44	37.12 -1.36 8.66	44.31 -0.94 9.37	48.53 -0.60 0.90	50.36 0.06 1.05	51.50 0.08 0.00	51.05 0.34 0.00	47.50 -0.10 0.00	35.29 0.37 4.64	45.18 -0.37 -0.24	48.06 -0.26 1.01	41.12 -0.08 6.31	44.60 -0.35 3.16	48.26 -0.77 1.35	32.25 -0.23 3.68	36.91 -0.19 3.75
NIAGARA_115W_LBMP 323714	32.57 -1.81 5.36	31.04 -1.72 6.95	28.85 -2.18 6.02	31.94 -2.40 2.06	30.00 -2.45 2.23	30.36 -2.39 3.25	37.05 -2.74 6.38	37.23 -2.71 8.47	39.51 -2.75 3.58	35.94 -2.18 9.01	43.44 -1.44 9.75	48.08 -1.02 0.94	49.82 -0.44 1.09	50.99 -0.44 0.00	50.74 0.03 0.00	47.28 -0.32 0.00	34.87 0.13 4.82	44.90 -0.64 -0.22	47.69 -0.59 1.05	40.52 -0.43 6.56	44.11 -0.72 3.28	47.91 -1.07 1.41	32.05 -0.29 3.83	36.80 -0.15 3.90
NIAGARA_230_LBMP 323716	32.88 -1.48 5.38	31.47 -1.27 6.98	29.25 -1.75 6.05	32.23 -2.11 2.07	30.27 -2.16 2.24	30.63 -2.12 3.27	37.64 -2.11 6.41	37.95 -1.96 8.51	40.15 -2.10 3.59	36.70 -1.38 9.05	44.18 -0.66 9.79	48.68 -0.41 0.94	50.48 0.22 1.10	51.64 0.21 0.00	51.32 0.61 0.00	47.85 0.26 0.00	35.33 0.64 4.87	45.34 0.04 0.00	48.35 0.07 1.06	41.11 0.20 6.59	44.81 0.00 3.30	48.54 -0.43 1.41	32.37 0.05 3.84	37.08 0.15 3.91
NIAGARA___115KV_198_GIBSON 55903	37.93 -1.81 0.00	37.97 -1.75 0.00	34.86 -2.19 0.00	33.98 -2.42 0.00	32.21 -2.47 0.00	33.60 -2.41 0.00	43.41 -2.75 0.00	45.65 -2.78 0.00	43.04 -2.80 0.00	44.94 -2.19 0.00	53.18 -1.44 0.00	49.02 -1.02 0.00	50.91 -0.44 0.00	50.99 -0.44 0.00	50.73 0.02 0.00	47.26 -0.33 0.00	39.72 0.14 -0.02	44.88 -0.65 -0.22	48.73 -0.60 0.00	47.10 -0.40 0.00	47.37 -0.74 0.00	49.31 -1.08 0.00	35.85 -0.31 0.00	40.66 -0.19 0.00
NIAGARA____ 23760	32.93 -1.48 5.33	31.54 -1.27 6.92	29.30 -1.75 5.99	32.24 -2.11 2.05	30.29 -2.16 2.22	30.65 -2.12 3.24	37.70 -2.11 6.35	38.01 -1.96 8.45	40.17 -2.10 3.57	36.76 -1.38 8.99	44.29 -0.66 9.68	48.69 -0.41 0.93	50.49 0.22 1.09	51.64 0.21 0.00	51.32 0.61 0.00	47.85 0.26 0.00	35.42 0.64 4.78	45.47 0.04 -0.12	48.36 0.07 1.04	41.20 0.20 6.49	44.85 0.00 3.26	48.56 -0.43 1.39	32.44 0.05 3.77	37.16 0.15 3.83
NINE_MILE_1 23575	38.43 -1.31 0.00	38.41 -1.31 0.00	35.76 -1.28 0.00	35.09 -1.31 0.00	33.41 -1.27 0.00	34.73 -1.28 0.00	44.64 -1.53 0.00	46.86 -1.56 0.00	44.37 -1.47 0.00	45.69 -1.44 0.00	53.08 -1.55 0.00	48.63 -1.41 0.00	49.99 -1.37 0.00	50.11 -1.32 0.00	49.51 -1.20 0.00	46.50 -1.10 0.00	37.43 -0.82 1.31	33.04 -0.96 11.31	34.14 -0.98 14.22	29.36 -0.91 17.24	28.54 -0.98 18.59	43.57 -1.22 5.59	35.25 -0.92 0.00	39.76 -1.09 0.00

NINE_MILE_2 23744	38.44 -1.30 0.00	38.42 -1.30 0.00	35.76 -1.28 0.00	35.09 -1.31 0.00	33.42 -1.26 0.00	34.73 -1.28 0.00	44.64 -1.53 0.00	46.86 -1.56 0.00	44.37 -1.47 0.00	45.69 -1.44 0.00	53.08 -1.55 0.00	48.63 -1.41 0.00	49.99 -1.37 0.00	50.11 -1.32 0.00	49.51 -1.20 0.00	46.50 -1.10 0.00	37.42 -0.81 1.33	32.87 -0.96 11.48	33.93 -0.98 14.42	29.11 -0.91 17.49	28.27 -0.98 18.85	43.49 -1.22 5.67	35.25 -0.91 0.00	39.76 -1.09 0.00
NM_CAPITAL___DRP 24208	40.30 0.56 0.00	40.33 0.61 0.00	37.70 0.65 0.00	37.10 0.69 0.00	35.39 0.71 0.00	36.67 0.66 0.00	46.79 0.63 0.00	49.44 0.65 -0.36	46.85 0.97 -0.05	47.85 0.73 0.00	54.61 -0.02 0.00	50.04 0.00 0.00	51.20 -0.15 0.00	51.42 0.00 0.00	50.27 -0.44 0.00	47.63 0.03 0.00	39.40 -0.16 0.00	44.98 -0.33 0.00	48.84 -0.49 0.00	47.01 -0.49 0.00	47.88 -0.22 0.00	50.12 -0.27 0.00	36.01 -0.15 0.00	40.50 -0.35 0.00
NM_CENTRAL___DRP 24181	39.20 -0.54 0.00	39.15 -0.57 0.00	36.44 -0.60 0.00	35.72 -0.68 0.00	34.02 -0.66 0.00	35.38 -0.63 0.00	45.55 -0.61 0.00	47.86 -0.56 0.00	45.35 -0.49 0.00	46.74 -0.39 0.00	54.40 -0.23 0.00	49.81 -0.23 0.00	51.24 -0.11 0.00	51.40 -0.03 0.00	50.82 0.11 0.00	47.72 0.13 0.00	39.83 0.21 -0.07	46.07 0.17 -0.59	50.48 0.26 -0.88	48.88 0.30 -1.07	49.50 0.23 -1.16	50.78 0.05 -0.35	36.10 -0.06 0.00	40.70 -0.15 0.00
NM_FRONTIER___DRP 24179	37.93 -1.81 0.00	37.97 -1.75 0.00	34.86 -2.19 0.00	33.98 -2.42 0.00	32.21 -2.47 0.00	33.60 -2.41 0.00	43.41 -2.75 0.00	45.65 -2.78 0.00	43.04 -2.80 0.00	44.94 -2.19 0.00	53.18 -1.44 0.00	49.02 -1.02 0.00	50.91 -0.44 0.00	50.99 -0.44 0.00	50.73 0.02 0.00	47.26 -0.33 0.00	39.72 0.14 -0.02	44.88 -0.65 -0.22	48.73 -0.60 0.00	47.10 -0.40 0.00	47.37 -0.74 0.00	49.31 -1.08 0.00	35.85 -0.31 0.00	40.66 -0.19 0.00
NM_ST_REGIS___HYD 24053	40.42 0.69 0.00	40.33 0.61 0.00	37.63 0.59 0.00	37.05 0.65 0.00	35.23 0.55 0.00	36.61 0.60 0.00	46.85 0.69 0.00	49.21 0.79 0.00	46.50 0.66 0.00	47.78 0.66 0.00	55.27 0.65 0.00	50.53 0.50 0.00	51.57 0.22 0.00	51.38 -0.05 0.00	50.58 -0.13 0.00	47.18 -0.42 0.00	39.24 -0.32 0.00	45.02 -0.29 0.00	49.48 0.15 0.00	47.59 0.08 0.00	48.34 0.23 0.00	50.73 0.34 0.00	36.69 0.53 0.00	41.60 0.75 0.00
NORTHPORT___1 23551	41.20 1.46 0.00	41.45 1.74 0.00	38.29 1.24 0.00	37.59 1.19 0.00	35.98 1.31 0.00	37.62 1.61 0.00	47.16 1.00 0.00	48.93 0.45 -0.06	46.59 0.74 -0.01	47.92 0.79 0.00	56.23 1.60 0.00	53.15 2.06 -1.06	52.75 1.39 0.00	52.47 1.04 0.00	51.34 0.63 0.00	29.82 1.30 19.08	34.14 1.29 6.71	47.77 1.45 -1.01	51.09 1.76 0.00	49.06 1.56 0.00	49.35 1.24 0.00	36.29 0.40 14.50	37.15 0.98 0.00	42.06 1.21 0.00
NORTHPORT___2 23552	41.20 1.46 0.00	41.45 1.74 0.00	38.29 1.24 0.00	37.59 1.19 0.00	35.98 1.31 0.00	37.62 1.61 0.00	47.16 1.00 0.00	48.93 0.45 -0.06	46.59 0.74 -0.01	47.92 0.79 0.00	56.23 1.60 0.00	53.15 2.06 -1.06	52.75 1.39 0.00	52.47 1.04 0.00	51.34 0.63 0.00	29.82 1.30 19.08	34.14 1.29 6.71	47.77 1.45 -1.01	51.09 1.76 0.00	49.06 1.56 0.00	49.35 1.24 0.00	36.29 0.40 14.50	37.15 0.98 0.00	42.06 1.21 0.00
NORTHPORT___3 23553	41.19 1.45 0.00	41.43 1.72 0.00	38.28 1.23 0.00	37.58 1.17 0.00	35.96 1.28 0.00	37.59 1.58 0.00	47.16 1.00 0.00	48.94 0.46 -0.06	46.60 0.76 -0.01	47.94 0.81 0.00	56.24 1.61 0.00	53.12 2.04 -1.06	52.71 1.36 0.00	52.46 1.03 0.00	51.35 0.64 0.00	29.91 1.34 19.03	34.19 1.32 6.69	47.82 1.49 -1.02	51.13 1.80 0.00	49.10 1.60 0.00	49.38 1.27 0.00	36.36 0.44 14.46	37.15 0.98 0.00	42.06 1.21 0.00
NORTHPORT___4 23650	41.19 1.45 0.00	41.43 1.72 0.00	38.28 1.23 0.00	37.58 1.17 0.00	35.96 1.28 0.00	37.59 1.58 0.00	47.16 1.00 0.00	48.94 0.46 -0.06	46.60 0.76 -0.01	47.94 0.81 0.00	56.24 1.61 0.00	53.12 2.04 -1.06	52.71 1.36 0.00	52.46 1.03 0.00	51.35 0.64 0.00	29.91 1.34 19.03	34.19 1.32 6.69	47.82 1.49 -1.02	51.13 1.80 0.00	49.10 1.60 0.00	49.38 1.27 0.00	36.36 0.44 14.46	37.15 0.98 0.00	42.06 1.21 0.00
NORTHPORT___IC 23718	41.20 1.46 0.00	41.45 1.73 0.00	38.29 1.24 0.00	37.60 1.20 0.00	35.98 1.31 0.00	37.62 1.61 0.00	47.17 1.00 0.00	48.94 0.46 -0.06	46.59 0.75 -0.01	47.93 0.80 0.00	56.23 1.60 0.00	53.14 2.05 -1.05	52.74 1.39 0.00	52.46 1.03 0.00	51.35 0.64 0.00	29.89 1.37 19.08	34.12 1.27 6.71	47.77 1.45 -1.01	51.10 1.76 0.00	49.05 1.55 0.00	49.35 1.25 0.00	36.32 0.43 14.50	37.15 0.98 0.00	42.07 1.22 0.00
NORTH___COUNTRY_ESR 323785	39.82 0.08 0.00	39.81 0.09 0.00	37.12 0.07 0.00	36.52 0.12 0.00	34.72 0.04 0.00	36.05 0.04 0.00	46.16 -0.01 0.00	48.46 0.04 0.00	45.79 -0.05 0.00	47.10 -0.03 0.00	54.65 0.02 0.00	49.95 -0.08 0.00	51.08 -0.27 0.00	50.95 -0.48 0.00	50.08 -0.63 0.00	46.64 -0.96 0.00	38.77 -0.78 0.00	44.41 -0.90 0.00	48.51 -0.82 0.00	46.64 -0.87 0.00	47.38 -0.73 0.00	49.84 -0.55 0.00	36.03 -0.13 0.00	40.91 0.06 0.00
NPX_GEN_1385_PROXY 323591	41.26 1.52 0.00	41.29 1.57 0.00	38.29 1.24 0.00	37.60 1.20 0.00	36.23 1.56 0.00	38.10 2.10 0.00	47.14 0.98 0.00	48.50 0.02 -0.06	46.74 0.89 -0.01	47.80 0.67 0.00	56.09 1.47 0.00	52.99 1.90 -1.06	51.01 0.94 1.29	30.12 0.25 21.56	24.45 -0.13 26.13	29.14 0.62 19.08	24.84 0.68 15.40	41.40 0.76 4.67	28.26 1.00 22.07	28.24 0.83 20.09	26.45 0.51 22.17	35.69 -0.20 14.50	36.92 0.78 0.02	41.76 0.91 0.00
NPX_GEN_CSC 323557	42.01 2.27 0.00	42.45 2.74 0.00	38.94 1.90 0.00	38.20 1.80 0.00	36.55 1.88 0.00	38.43 2.42 0.00	47.72 1.56 0.00	49.62 1.15 -0.06	46.74 0.90 -0.01	48.09 0.96 0.00	56.45 1.82 0.00	53.41 2.32 -1.06	51.76 1.70 1.29	52.61 1.17 0.00	51.31 0.60 0.00	30.18 1.37 18.78	34.49 1.51 6.58	48.15 1.81 -1.03	51.97 2.64 0.00	49.81 2.31 0.00	50.00 1.89 0.00	36.63 0.52 14.28	37.54 1.40 0.02	42.43 1.58 0.00
NSINS_S_GLNS_FALLS 23858	41.70 1.97 0.00	41.74 2.02 0.00	38.90 1.86 0.00	38.24 1.84 0.00	36.34 1.66 0.00	37.84 1.84 0.00	48.56 2.40 0.00	51.61 2.62 -0.57	48.51 2.61 -0.07	49.59 2.46 0.00	56.54 1.91 0.00	51.53 1.49 0.00	52.80 1.44 0.00	52.80 1.37 0.00	51.63 0.92 0.00	48.81 1.21 0.00	40.84 1.28 0.00	46.83 1.53 0.00	51.29 1.96 0.00	49.55 2.05 0.00	50.45 2.34 0.00	52.86 2.47 0.00	37.76 1.60 0.00	42.45 1.61 0.00
NUCOR_STEEL___DRP 24197	39.76 0.03 0.00	39.69 -0.03 0.00	36.80 -0.25 0.00	36.05 -0.35 0.00	34.33 -0.35 0.00	35.71 -0.29 0.00	46.07 -0.09 0.00	48.39 -0.03 0.00	45.86 0.03 0.00	47.25 0.12 0.00	55.04 0.42 0.00	50.34 0.30 0.00	51.71 0.36 0.00	51.93 0.50 0.00	51.65 0.94 0.00	48.38 0.78 0.00	40.83 0.95 -0.32	49.43 1.34 -2.78	54.10 1.59 -3.17	52.83 1.48 -3.85	53.80 1.54 -4.15	52.79 1.16 -1.25	36.82 0.66 0.00	41.30 0.45 0.00

NUMBER_THREE_WT_PWR 323818	41.19 1.45 0.00	41.11 1.39 0.00	38.32 1.28 0.00	37.64 1.24 0.00	35.92 1.24 0.00	37.42 1.42 0.00	47.95 1.79 0.00	50.23 1.81 0.00	47.44 1.60 0.00	47.52 0.39 0.00	56.18 1.55 0.00	51.37 1.34 0.00	52.87 1.51 0.00	52.81 1.38 0.00	52.06 1.34 0.00	48.49 0.89 0.00	40.63 0.99 -0.08	47.71 1.68 -0.72	52.72 2.44 -0.95	51.29 2.63 -1.15	52.01 2.66 -1.24	53.30 2.54 -0.37	37.71 1.55 0.00	42.36 1.52 0.00
NYISO_LBMP_REFERENCE 24008	39.74 0.00 0.00	39.72 0.00 0.00	37.04 0.00 0.00	36.40 0.00 0.00	34.68 0.00 0.00	36.01 0.00 0.00	46.16 0.00 0.00	48.42 0.00 0.00	45.84 0.00 0.00	47.13 0.00 0.00	54.63 0.00 0.00	50.04 0.00 0.00	51.35 0.00 0.00	51.43 0.00 0.00	50.71 0.00 0.00	47.60 0.00 0.00	39.56 0.00 0.00	45.31 0.00 0.00	49.33 0.00 0.00	47.50 0.00 0.00	48.11 0.00 0.00	50.39 0.00 0.00	36.16 0.00 0.00	40.85 0.00 0.00
NYPA_BRENTWD____GT 24164	41.93 2.19 0.00	42.12 2.40 0.00	38.86 1.82 0.00	38.13 1.73 0.00	36.47 1.79 0.00	38.16 2.15 0.00	47.93 1.77 0.00	49.74 1.26 -0.06	47.30 1.46 -0.01	48.73 1.60 0.00	57.14 2.52 0.00	54.00 2.91 -1.06	53.72 2.36 0.00	53.42 1.99 0.00	52.25 1.54 0.00	31.40 2.20 18.40	35.18 2.03 6.40	48.70 2.33 -1.06	52.12 2.78 0.00	50.16 2.65 0.00	50.60 2.49 0.00	37.97 1.57 13.99	37.89 1.73 0.00	42.80 1.96 0.00
NYPA_GOWANUS____GT5 24156	41.43 1.70 0.00	41.19 1.47 0.00	38.23 1.18 0.00	37.58 1.18 0.00	35.87 1.19 0.00	37.30 1.29 0.00	47.69 1.53 0.00	50.05 1.57 -0.06	47.76 1.91 -0.01	49.13 2.00 0.00	56.54 1.91 0.00	53.06 2.05 -0.98	53.54 2.18 0.00	53.58 2.15 0.00	53.03 2.32 0.00	50.81 3.08 -0.13	44.40 2.82 -2.02	50.88 3.11 -2.47	52.44 3.11 0.00	50.59 3.09 0.00	50.71 2.61 0.00	52.53 2.15 0.00	37.58 1.42 0.00	42.45 1.60 0.00
NYPA_GOWANUS____GT6 24157	41.43 1.70 0.00	41.19 1.47 0.00	38.23 1.18 0.00	37.58 1.18 0.00	35.87 1.19 0.00	37.30 1.29 0.00	47.69 1.53 0.00	50.05 1.57 -0.06	47.76 1.91 -0.01	49.13 2.00 0.00	56.54 1.91 0.00	53.06 2.05 -0.98	53.54 2.18 0.00	53.58 2.15 0.00	53.03 2.32 0.00	50.81 3.08 -0.13	44.40 2.82 -2.02	50.88 3.11 -2.47	52.44 3.11 0.00	50.59 3.09 0.00	50.71 2.61 0.00	52.53 2.15 0.00	37.58 1.42 0.00	42.45 1.60 0.00
NYPA_HARLEM__RVR__GT1 24160	41.19 1.46 0.00	41.00 1.28 0.00	38.12 1.08 0.00	37.49 1.09 0.00	35.80 1.13 0.00	37.24 1.23 0.00	47.58 1.41 0.00	49.89 1.41 -0.06	47.66 1.81 -0.01	48.96 1.83 0.00	56.37 1.74 0.00	52.93 1.92 -0.98	53.19 1.84 0.00	53.30 1.87 0.00	52.76 2.04 0.00	50.50 2.77 -0.13	44.04 2.46 -2.02	50.50 2.73 -2.47	52.04 2.71 0.00	50.21 2.71 0.00	50.30 2.20 0.00	52.15 1.77 0.00	37.41 1.24 0.00	42.25 1.41 0.00
NYPA_HARLEM__RVR__GT2 24161	41.19 1.46 0.00	41.00 1.28 0.00	38.12 1.08 0.00	37.49 1.09 0.00	35.80 1.13 0.00	37.24 1.23 0.00	47.58 1.41 0.00	49.89 1.41 -0.06	47.66 1.81 -0.01	48.96 1.83 0.00	56.37 1.74 0.00	52.93 1.92 -0.98	53.19 1.84 0.00	53.30 1.87 0.00	52.76 2.04 0.00	50.50 2.77 -0.13	44.04 2.46 -2.02	50.50 2.73 -2.47	52.04 2.71 0.00	50.21 2.71 0.00	50.30 2.20 0.00	52.15 1.77 0.00	37.41 1.24 0.00	42.25 1.41 0.00
NYPA_KENT____GT 24152	41.35 1.62 0.00	41.13 1.42 0.00	38.22 1.17 0.00	37.58 1.18 0.00	35.87 1.19 0.00	37.30 1.30 0.00	47.68 1.52 0.00	50.03 1.55 -0.06	47.74 1.89 -0.01	49.11 1.98 0.00	56.52 1.89 0.00	53.02 2.00 -0.98	53.46 2.11 0.00	53.50 2.07 0.00	52.98 2.26 0.00	50.73 3.00 -0.13	44.32 2.75 -2.02	50.81 3.04 -2.47	52.36 3.03 0.00	50.48 2.98 0.00	50.61 2.50 0.00	52.39 2.01 0.00	37.53 1.37 0.00	42.41 1.56 0.00
NYPA_POUCH1____GT 24155	41.32 1.58 0.00	41.07 1.35 0.00	38.07 1.02 0.00	37.43 1.03 0.00	35.71 1.03 0.00	37.14 1.14 0.00	47.51 1.34 0.00	49.85 1.37 -0.06	47.57 1.73 -0.01	48.88 1.76 0.00	56.22 1.60 0.01	52.81 1.80 -0.98	53.38 2.03 0.00	53.43 2.00 0.00	52.84 2.13 0.00	50.67 2.94 -0.13	44.31 2.73 -2.02	50.74 2.96 -2.47	52.32 3.00 0.00	50.50 3.00 0.00	50.61 2.50 0.00	52.42 2.04 0.00	37.49 1.33 0.00	42.34 1.49 0.00
NYPA_VERNON____GT2 24162	41.27 1.53 0.00	41.08 1.36 0.00	38.21 1.17 0.00	37.57 1.17 0.00	35.86 1.19 0.00	37.29 1.29 0.00	47.66 1.50 0.00	49.99 1.51 -0.06	47.72 1.88 -0.01	49.09 1.96 0.00	56.49 1.86 0.00	52.97 1.96 -0.98	53.37 2.02 0.00	53.42 1.99 0.00	52.93 2.22 0.00	50.67 2.94 -0.13	44.28 2.70 -2.02	50.79 3.01 -2.47	52.30 2.98 0.00	50.40 2.90 0.00	50.48 2.37 0.00	52.25 1.87 0.00	37.49 1.32 0.00	42.36 1.52 0.00
NYPA_VERNON____GT3 24163	41.27 1.53 0.00	41.08 1.36 0.00	38.21 1.17 0.00	37.57 1.17 0.00	35.86 1.19 0.00	37.29 1.29 0.00	47.66 1.50 0.00	49.99 1.51 -0.06	47.72 1.88 -0.01	49.09 1.96 0.00	56.49 1.86 0.00	52.97 1.96 -0.98	53.37 2.02 0.00	53.42 1.99 0.00	52.93 2.22 0.00	50.67 2.94 -0.13	44.28 2.70 -2.02	50.79 3.01 -2.47	52.30 2.98 0.00	50.40 2.90 0.00	50.48 2.37 0.00	52.25 1.87 0.00	37.49 1.32 0.00	42.36 1.52 0.00
NYPA__ASTORIA_CC1 323568	41.22 1.49 0.00	41.02 1.30 0.00	38.16 1.12 0.00	37.54 1.13 0.00	35.83 1.15 0.00	37.25 1.25 0.00	47.62 1.45 0.00	49.94 1.46 -0.06	47.65 1.80 -0.01	49.01 1.88 0.00	56.41 1.78 0.00	52.92 1.90 -0.98	53.31 1.96 0.00	53.34 1.91 0.00	52.84 2.13 0.00	50.58 2.86 -0.13	44.22 2.65 -2.02	50.71 2.94 -2.47	52.22 2.89 0.00	50.33 2.83 0.00	50.40 2.30 0.00	52.18 1.80 0.00	37.42 1.26 0.00	42.30 1.45 0.00
NYPA__ASTORIA_CC2 323569	41.22 1.49 0.00	41.02 1.30 0.00	38.16 1.12 0.00	37.54 1.13 0.00	35.83 1.15 0.00	37.25 1.25 0.00	47.62 1.45 0.00	49.94 1.46 -0.06	47.65 1.80 -0.01	49.01 1.88 0.00	56.41 1.78 0.00	52.92 1.90 -0.98	53.31 1.96 0.00	53.34 1.91 0.00	52.84 2.13 0.00	50.58 2.86 -0.13	44.22 2.65 -2.02	50.71 2.94 -2.47	52.22 2.89 0.00	50.33 2.83 0.00	50.40 2.30 0.00	52.18 1.80 0.00	37.42 1.26 0.00	42.30 1.45 0.00
NYPA__HOLTSVILL 23794	41.75 2.01 0.00	41.98 2.27 0.00	38.70 1.66 0.00	37.98 1.57 0.00	36.33 1.65 0.00	38.04 2.04 0.00	47.67 1.51 0.00	49.59 1.11 -0.06	47.02 1.17 -0.01	48.41 1.28 0.00	56.79 2.16 0.00	53.70 2.61 -1.06	53.39 2.04 0.00	53.03 1.60 0.00	51.77 1.06 0.00	30.56 1.77 18.81	34.74 1.77 6.59	48.39 2.05 -1.03	51.90 2.56 0.00	49.78 2.28 0.00	50.06 1.95 0.00	37.05 0.96 14.30	37.60 1.43 0.00	42.49 1.65 0.00
NYPA__HELLGATE_GT1 24158	41.19 1.46 0.00	41.00 1.28 0.00	38.12 1.08 0.00	37.49 1.09 0.00	35.80 1.13 0.00	37.24 1.23 0.00	47.60 1.44 0.00	49.92 1.44 -0.06	47.65 1.81 -0.01	48.92 1.79 0.00	56.32 1.69 0.00	52.88 1.87 -0.98	53.14 1.79 0.00	53.25 1.83 0.00	52.71 2.00 0.00	50.47 2.74 -0.13	44.08 2.50 -2.02	50.54 2.77 -2.47	52.07 2.74 0.00	50.25 2.75 0.00	50.35 2.24 0.00	52.18 1.80 0.00	37.41 1.24 0.00	42.25 1.41 0.00

NYPY____HELLGATE_GT2 24159	41.19	41.00	38.12	37.49	35.80	37.24	47.60	49.92	47.65	48.92	56.32	52.88	53.14	53.25	52.71	50.47	44.08	50.54	52.07	50.25	50.35	52.18	37.41	42.25
	1.46	1.28	1.08	1.09	1.13	1.23	1.44	1.44	1.81	1.79	1.69	1.87	1.79	1.83	2.00	2.74	2.50	2.77	2.74	2.75	2.24	1.80	1.24	1.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.01	0.00	0.00	-0.98	0.00	0.00	0.00	-0.13	-2.02	-2.47	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE____HYD 23848	33.91	32.69	30.29	32.78	30.82	31.34	38.88	39.52	41.11	38.22	45.61	49.15	51.02	52.11	51.71	48.13	36.21	45.87	48.94	42.42	45.69	49.22	33.10	37.80
	-1.06	-0.84	-1.39	-1.79	-1.87	-1.77	-1.60	-1.37	-1.55	-0.90	-0.34	-0.04	0.63	0.68	1.00	0.53	0.94	0.34	0.54	0.76	0.51	0.08	0.34	0.42
	4.77	6.19	5.36	1.83	1.99	2.89	5.68	7.54	3.18	8.01	8.68	0.84	0.97	0.00	0.00	0.00	4.29	-0.22	0.94	5.84	2.93	1.25	3.41	3.47
OAK ORCHARD____HYD 24046	36.73	36.01	33.43	34.49	32.65	33.58	42.48	43.94	43.73	42.76	50.62	50.54	52.28	53.05	52.67	49.28	38.88	46.95	50.77	46.17	48.22	51.04	35.26	39.95
	-0.32	-0.23	-0.60	-0.88	-0.91	-0.80	-0.49	-0.24	-0.32	0.12	0.87	0.98	1.47	1.62	1.95	1.69	1.75	1.64	1.96	1.96	1.76	1.35	1.02	1.06
	2.68	3.48	3.02	1.03	1.12	1.63	3.19	4.24	1.79	4.49	4.88	0.47	0.55	0.00	0.00	0.00	2.43	0.00	0.53	3.29	1.65	0.70	1.91	1.95
OAKDALE____35_KV_LOAD 356122	39.62	39.51	36.80	36.09	34.36	35.64	45.92	48.25	45.80	47.18	54.97	50.40	51.91	51.93	51.34	48.29	40.65	48.55	53.21	52.06	52.77	52.23	36.50	41.17
	-0.11	-0.21	-0.24	-0.31	-0.32	-0.36	-0.24	-0.18	-0.04	0.05	0.35	0.36	0.56	0.50	0.63	0.69	0.85	1.09	1.25	1.37	1.22	0.80	0.33	0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	-2.15	-2.63	-3.19	-3.44	-1.04	0.00	0.00
OCC_CHEM____DRP 24175	38.00	38.06	34.93	34.05	32.27	33.67	43.53	45.77	43.16	45.06	53.33	49.15	51.05	51.13	50.86	47.39	39.84	45.01	48.87	47.23	47.50	49.44	35.94	40.75
	-1.73	-1.65	-2.11	-2.36	-2.40	-2.34	-2.63	-2.65	-2.68	-2.07	-1.30	-0.89	-0.31	-0.29	0.15	-0.20	0.26	-0.52	-0.46	-0.27	-0.60	-0.95	-0.23	-0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.23	0.00	0.00	0.00	0.00	0.00	0.00
OH_GEN_PROXY 24063	32.47	30.92	28.79	32.11	30.14	30.41	37.17	37.30	39.95	36.02	43.49	48.70	49.19	51.73	51.41	47.95	34.99	45.46	48.38	40.65	44.64	48.53	32.05	36.77
	-1.44	-1.23	-1.70	-2.05	-2.10	-2.06	-2.05	-1.89	-1.99	-1.29	-0.53	-0.32	0.32	0.30	0.70	0.35	0.71	0.15	0.19	0.30	0.11	-0.33	0.07	0.16
	5.83	7.56	6.55	2.24	2.43	3.54	6.94	9.23	3.90	9.82	10.61	1.02	2.48	0.00	0.00	0.00	5.28	0.00	1.15	7.15	3.58	1.53	4.18	4.24
OLIN_CORP_DRP 24177	38.31	38.51	35.32	34.27	32.48	33.88	44.10	46.48	43.82	45.79	53.78	49.52	51.51	51.60	51.15	47.62	40.05	45.27	49.17	47.57	47.85	49.71	36.02	40.74
	-1.42	-1.20	-1.73	-2.13	-2.19	-2.12	-2.07	-1.94	-2.01	-1.34	-0.84	-0.52	0.15	0.17	0.44	0.02	0.47	-0.27	-0.16	0.06	-0.26	-0.68	-0.14	-0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.24	0.00	0.00	0.00	0.00	0.00	0.00
OLIN_CORP_DSASP 323712	38.00	38.06	34.93	34.05	32.27	33.67	43.53	45.77	43.16	45.06	53.33	49.15	51.05	51.13	50.86	47.39	39.84	45.01	48.87	47.23	47.50	49.44	35.94	40.75
	-1.73	-1.65	-2.11	-2.36	-2.40	-2.34	-2.63	-2.65	-2.68	-2.07	-1.30	-0.89	-0.31	-0.29	0.15	-0.20	0.26	-0.52	-0.46	-0.27	-0.60	-0.95	-0.23	-0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.23	0.00	0.00	0.00	0.00	0.00	0.00
ONEIDA_HERK_LFGE 323681	40.86	40.81	38.02	37.34	35.62	37.07	47.54	49.91	47.23	47.99	56.08	51.19	52.73	52.77	52.06	48.76	40.70	47.32	51.87	50.19	50.82	52.49	37.35	42.04
	1.13	1.09	0.98	0.94	0.94	1.06	1.38	1.49	1.40	0.86	1.46	1.16	1.37	1.34	1.35	1.16	1.10	1.64	2.04	2.09	2.05	1.91	1.19	1.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.37	-0.50	-0.61	-0.65	-0.20	0.00	0.00
ONEIDA____115KV_TB4 55905	40.72	40.65	37.83	37.15	35.40	36.85	47.37	49.80	47.20	48.33	56.26	51.26	52.83	52.90	52.27	49.08	40.99	47.69	52.12	50.47	51.06	52.52	37.34	42.05
	0.99	0.93	0.79	0.74	0.73	0.84	1.21	1.37	1.36	1.20	1.63	1.23	1.48	1.47	1.56	1.48	1.38	1.91	2.13	2.17	2.09	1.87	1.18	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.48	-0.66	-0.80	-0.86	-0.26	0.00	0.00
ONONDAGA_REF_OCCRA 23987	39.41	39.34	36.63	35.91	34.19	35.55	45.79	48.11	45.53	46.96	54.67	50.03	51.45	51.61	51.05	47.97	40.13	47.02	51.49	50.05	50.73	51.38	36.32	40.94
	-0.33	-0.37	-0.42	-0.49	-0.48	-0.45	-0.38	-0.31	-0.30	-0.17	0.04	0.00	0.09	0.18	0.34	0.37	0.44	0.51	0.63	0.70	0.63	0.40	0.16	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-1.21	-1.53	-1.85	-2.00	-0.60	0.00	0.00
ONONDAGA____COGEN 23986	39.38	39.33	36.59	35.88	34.18	35.55	45.79	48.03	45.51	46.89	54.56	49.91	51.30	51.53	51.00	47.88	40.30	48.50	53.11	51.97	52.78	51.97	36.30	40.89
	-0.36	-0.39	-0.45	-0.52	-0.49	-0.46	-0.37	-0.39	-0.32	-0.23	-0.06	-0.13	-0.05	0.10	0.29	0.28	0.44	0.61	0.73	0.76	0.69	0.38	0.13	0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	-2.59	-3.05	-3.70	-3.99	-1.20	0.00	0.00
ONTARIO____LFGE 23819	39.85	39.75	36.87	36.03	34.18	35.54	46.13	48.59	46.13	47.75	55.91	51.13	52.51	52.77	52.53	49.26	41.33	48.63	53.39	52.07	52.67	53.15	37.48	42.20
	0.11	0.03	-0.17	-0.37	-0.49	-0.46	-0.03	0.17	0.30	0.62	1.29	1.09	1.15	1.34	1.82	1.66	1.63	2.06	2.62	2.82	2.68	2.20	1.32	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-1.27	-1.44	-1.74	-1.88	-0.57	0.00	0.00
ORANGEVILLE_WT_PWR 323706	36.23	35.48	32.82	33.58	31.47	32.34	41.14	42.70	42.46	42.21	49.98	49.64	51.50	51.79	51.34	47.92	38.25	46.57	50.83	47.23	49.28	51.16	35.27	40.04
	-1.08	-1.09	-1.50	-1.90	-2.20	-2.20	-2.14	-1.92	-1.77	-1.01	-0.24	0.03	0.64	0.36	0.63	0.32	0.79	0.53	1.10	1.56	1.48	1.08	0.83	0.96
	2.43	3.15	2.73	0.93	1.01	1.47	2.88	3.80	1.60	3.91	4.41	0.42	0.49	0.00	0.00	0.00	2.11	-0.74	-0.40	1.83	0.32	0.30	1.73	1.76
ORANGEVILLE____ESR 323794	36.23	35.48	32.82	33.58	31.47	32.34	41.14	42.70	42.46	42.21	49.98	49.64	51.50	51.79	51.34	47.92	38.25	46.57	50.83	47.23	49.28	51.16	35.27	40.04
	-1.08	-1.09	-1.50	-1.90	-2.20	-2.20	-2.14	-1.92	-1.77	-1.01	-0.24	0.03	0.64	0.36	0.63	0.32	0.79	0.53	1.10	1.56	1.48	1.08	0.83	0.96
	2.43	3.15	2.73	0.93	1.01	1.47	2.88	3.80	1.60	3.91	4.41	0.42	0.49	0.00	0.00	0.00	2.11	-0.74	-0.40	1.83	0.32	0.30	1.73	1.76

OSWEGATCHIE___HYD 24044	40.53 0.80 0.00	40.49 0.77 0.00	37.80 0.76 0.00	37.19 0.79 0.00	35.43 0.76 0.00	36.89 0.89 0.00	47.34 1.18 0.00	49.57 1.15 0.00	46.80 0.96 0.00	47.51 0.39 0.00	55.50 0.87 0.00	50.63 0.60 0.00	51.68 0.33 0.00	51.58 0.15 0.00	50.72 0.01 0.00	46.87 -0.73 0.00	39.09 -0.53 -0.06	45.37 -0.42 -0.48	49.87 -0.08 -0.63	48.36 0.09 -0.76	49.39 0.46 -0.82	51.34 0.71 -0.25	36.86 0.70 0.00	41.77 0.92 0.00
OSWEGO___5 23606	38.74 -1.00 0.00	38.71 -1.00 0.00	36.04 -1.01 0.00	35.35 -1.06 0.00	33.67 -1.01 0.00	34.99 -1.02 0.00	44.99 -1.18 0.00	47.23 -1.19 0.00	44.74 -1.10 0.00	46.06 -1.07 0.00	53.52 -1.10 0.00	49.04 -1.00 0.00	50.42 -0.94 0.00	50.54 -0.89 0.00	49.93 -0.78 0.00	46.89 -0.71 0.00	40.12 -0.46 -1.02	53.65 -0.52 -8.86	59.93 -0.51 -11.11	60.55 -0.43 -13.47	62.13 -0.50 -14.52	53.99 -0.76 -4.37	35.56 -0.61 0.00	40.11 -0.74 0.00
OSWEGO___6 23613	38.74 -1.00 0.00	38.71 -1.00 0.00	36.04 -1.01 0.00	35.35 -1.06 0.00	33.67 -1.01 0.00	34.99 -1.02 0.00	44.99 -1.18 0.00	47.23 -1.19 0.00	44.74 -1.10 0.00	46.06 -1.07 0.00	53.52 -1.10 0.00	49.04 -1.00 0.00	50.42 -0.94 0.00	50.54 -0.89 0.00	49.93 -0.78 0.00	46.89 -0.71 0.00	40.12 -0.46 -1.02	53.65 -0.52 -8.86	59.93 -0.51 -11.11	60.55 -0.43 -13.47	62.13 -0.50 -14.52	53.99 -0.76 -4.37	35.56 -0.61 0.00	40.11 -0.74 0.00
OUTOKUMPU-AB___DRP 24206	38.87 -0.87 0.00	38.96 -0.75 0.00	35.73 -1.31 0.00	34.74 -1.66 0.00	32.91 -1.76 0.00	34.35 -1.65 0.00	44.64 -1.52 0.00	47.04 -1.38 0.00	44.43 -1.41 0.00	46.41 -0.72 0.00	54.78 0.15 0.00	50.49 0.46 0.00	52.53 1.17 0.00	52.64 1.21 0.00	52.22 1.51 0.00	48.59 0.99 0.00	40.86 1.27 -0.03	46.27 0.70 -0.26	50.25 0.92 0.00	48.62 1.11 0.00	48.92 0.81 0.00	50.90 0.52 0.00	36.89 0.73 0.00	41.72 0.88 0.00
OXBOW___BTM 323836	33.08 -1.34 5.32	31.60 -1.23 6.90	29.33 -1.74 5.98	32.33 -2.03 2.04	30.37 -2.09 2.22	30.77 -2.01 3.23	37.73 -2.10 6.33	38.03 -1.98 8.41	40.24 -2.05 3.55	36.81 -1.38 8.94	44.37 -0.59 9.67	48.89 -0.21 0.93	50.72 0.45 1.09	51.91 0.48 0.00	51.58 0.87 0.00	48.03 0.43 0.00	35.55 0.78 4.78	45.70 0.15 -0.24	48.56 0.27 1.04	41.42 0.42 6.50	45.01 0.16 3.26	48.80 -0.19 1.40	32.64 0.28 3.79	37.40 0.42 3.87
OXBOW___ 24026	38.41 -1.33 0.00	38.48 -1.24 0.00	35.30 -1.74 0.00	34.36 -2.04 0.00	32.56 -2.12 0.00	33.98 -2.03 0.00	44.05 -2.11 0.00	46.38 -2.04 0.00	43.78 -2.06 0.00	45.72 -1.41 0.00	54.03 -0.59 0.00	49.82 -0.22 0.00	51.80 0.45 0.00	51.91 0.49 0.00	51.57 0.86 0.00	48.02 0.43 0.00	40.38 0.80 -0.03	45.67 0.12 -0.24	49.61 0.27 0.00	47.96 0.46 0.00	48.24 0.13 0.00	50.19 -0.19 0.00	36.42 0.26 0.00	41.23 0.38 0.00
OXY_CHEM_DSASP 323612	38.00 -1.73 0.00	38.06 -1.65 0.00	34.93 -2.11 0.00	34.05 -2.36 0.00	32.27 -2.40 0.00	33.67 -2.34 0.00	43.53 -2.63 0.00	45.77 -2.65 0.00	43.16 -2.68 0.00	45.06 -2.07 0.00	53.33 -1.30 0.00	49.15 -0.89 0.00	51.05 -0.31 0.00	51.13 -0.29 0.00	50.86 0.15 0.00	47.39 -0.20 0.00	39.84 0.26 -0.02	45.01 -0.52 -0.23	48.87 -0.46 0.00	47.23 -0.27 0.00	47.50 -0.60 0.00	49.44 -0.95 0.00	35.94 -0.23 0.00	40.75 -0.09 0.00
OZONE_PARK_ESR 323760	41.61 1.87 0.00	41.41 1.69 0.00	38.54 1.50 0.00	37.90 1.49 0.00	36.17 1.49 0.00	37.61 1.61 0.00	48.15 1.98 0.00	50.55 2.08 -0.06	48.18 2.34 -0.01	49.63 2.50 0.00	57.19 2.57 0.00	53.56 2.54 -0.98	54.05 2.70 0.00	54.09 2.66 0.00	53.62 2.90 0.00	51.31 3.58 -0.13	44.83 3.25 -2.02	51.51 3.73 -2.47	53.13 3.80 0.00	51.18 3.67 0.00	51.33 3.22 0.00	53.05 2.65 0.00	37.93 1.76 0.00	42.85 2.01 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	38.00 -1.73 0.00	38.06 -1.65 0.00	34.93 -2.11 0.00	34.05 -2.36 0.00	32.27 -2.40 0.00	33.67 -2.34 0.00	43.53 -2.63 0.00	45.77 -2.65 0.00	43.16 -2.68 0.00	45.06 -2.07 0.00	53.33 -1.30 0.00	49.15 -0.89 0.00	51.05 -0.31 0.00	51.13 -0.29 0.00	50.86 0.15 0.00	47.39 -0.20 0.00	39.84 0.26 -0.02	45.01 -0.52 -0.23	48.87 -0.46 0.00	47.23 -0.27 0.00	47.50 -0.60 0.00	49.44 -0.95 0.00	35.94 -0.23 0.00	40.75 -0.09 0.00
PACKARD___115KV_DUPONT_184 80571	32.63 -1.75 5.36	31.13 -1.64 6.95	28.92 -2.11 6.02	32.00 -2.34 2.06	30.05 -2.40 2.23	30.42 -2.34 3.25	37.16 -2.63 6.37	37.35 -2.61 8.47	39.61 -2.66 3.57	36.09 -2.04 9.00	43.58 -0.89 9.74	48.21 -0.31 0.94	49.95 -0.30 1.09	51.13 0.16 0.00	50.87 0.16 0.00	47.40 -0.20 0.00	34.98 0.25 4.82	45.03 -0.51 -0.23	47.83 -0.45 1.05	40.64 -0.31 6.55	44.24 -0.58 3.28	48.04 -0.94 1.41	32.13 -0.21 3.82	36.90 -0.05 3.89
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	41.26 1.52 0.00	41.07 1.36 0.00	38.20 1.16 0.00	37.58 1.18 0.00	35.89 1.21 0.00	37.30 1.30 0.00	47.69 1.52 0.00	50.02 1.54 -0.06	47.69 1.85 -0.01	49.00 1.87 0.00	56.44 1.82 0.00	53.01 2.00 -0.98	53.31 1.96 0.00	53.41 1.97 0.00	52.85 2.14 0.00	50.56 2.83 -0.13	44.16 2.58 -2.02	50.62 2.84 -2.47	52.21 2.88 0.00	50.37 2.87 0.00	50.48 2.37 0.00	52.31 1.93 0.00	37.47 1.31 0.00	42.32 1.47 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.90 2.16 0.00	41.89 2.17 0.00	38.99 1.95 0.00	38.37 1.97 0.00	36.69 2.01 0.00	38.16 2.15 0.00	48.72 2.56 0.00	51.15 2.68 -0.06	48.71 2.86 -0.01	49.97 2.84 0.00	57.50 2.87 0.00	54.00 2.98 -0.98	54.36 3.01 0.00	54.45 3.02 0.00	53.88 3.17 0.00	51.54 3.81 -0.13	44.98 3.40 -2.02	51.54 3.77 -2.47	53.25 3.92 0.00	51.35 3.85 0.00	51.46 3.36 0.00	53.24 2.85 0.00	38.18 2.02 0.00	43.14 2.29 0.00
PATROON___115KV_TB1 80586	40.37 0.63 0.00	40.40 0.68 0.00	37.76 0.71 0.00	37.15 0.75 0.00	35.44 0.76 0.00	36.73 0.73 0.00	46.88 0.71 0.00	49.53 0.75 -0.35	46.90 1.02 -0.05	47.91 0.78 0.00	54.78 0.15 0.00	50.19 0.16 0.00	51.36 0.01 0.00	51.60 0.17 0.00	50.49 -0.22 0.00	47.84 0.24 0.00	39.63 0.08 0.00	45.26 -0.05 0.00	49.11 -0.23 0.00	47.29 -0.22 0.00	48.10 -0.01 0.00	50.27 -0.11 0.00	36.11 -0.05 0.00	40.61 -0.24 0.00
PATTRSNVILLE___SOLAR 323815	40.88 1.15 0.00	40.86 1.14 0.00	38.13 1.09 0.00	37.46 1.06 0.00	35.71 1.03 0.00	37.08 1.08 0.00	47.52 1.36 0.00	50.44 1.40 -0.62	47.22 1.30 -0.08	48.48 1.35 0.00	56.08 1.45 0.00	51.20 1.16 0.00	52.50 1.15 0.00	52.78 1.35 0.00	52.05 1.34 0.00	49.11 1.51 0.00	40.84 1.28 0.00	46.75 1.44 0.00	50.98 1.65 0.00	49.20 1.69 0.00	49.74 1.64 0.00	51.92 1.53 0.00	37.16 1.00 0.00	41.91 1.06 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	39.00 -0.74 0.00	39.10 -0.62 0.00	35.87 -1.18 0.00	34.82 -1.58 0.00	33.00 -1.67 0.00	34.40 -1.60 0.00	44.84 -1.32 0.00	47.35 -1.07 0.00	44.73 -1.11 0.00	46.79 -0.34 0.00	55.26 0.64 0.00	50.87 0.84 0.00	52.99 1.64 0.00	52.98 1.55 0.00	52.73 2.02 0.00	49.20 1.60 0.00	41.33 1.72 -0.05	46.94 1.21 -0.42	51.28 1.48 -0.47	49.77 1.70 -0.57	50.26 1.54 -0.61	51.66 1.09 -0.18	37.22 1.06 0.00	42.02 1.17 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	41.32 1.59 0.00	41.17 1.45 0.00	38.34 1.30 0.00	37.71 1.31 0.00	35.98 1.31 0.00	37.37 1.37 0.00	47.84 1.68 0.00	50.21 1.73 -0.06	47.77 1.92 -0.01	49.21 2.08 0.00	56.81 2.19 0.00	52.41 2.18 -0.20	53.60 2.24 0.00	53.65 2.22 0.00	53.12 2.41 0.00	50.69 3.00 -0.09	43.50 2.76 -1.18	50.09 3.20 -1.58	52.67 3.34 0.00	50.65 3.15 0.00	50.81 2.70 0.00	52.57 2.18 0.00	37.58 1.41 0.00	42.38 1.53 0.00
PEEKSKILL____ 23653	40.76 1.02 0.00	40.58 0.86 0.00	37.84 0.80 0.00	37.22 0.82 0.00	35.52 0.84 0.00	36.90 0.90 0.00	47.17 1.00 0.00	49.46 0.99 -0.05	47.04 1.20 -0.01	48.44 1.31 0.00	55.98 1.35 0.00	56.72 1.52 -5.17	52.97 1.61 0.00	53.09 1.66 0.00	52.55 1.84 0.00	50.15 2.39 -0.16	46.16 2.25 -4.36	51.91 2.58 -4.02	51.98 2.65 0.00	50.06 2.55 0.00	50.24 2.13 0.00	52.00 1.61 0.00	37.17 1.01 0.00	41.98 1.13 0.00
PGE MADISON__WINDPWR 24146	42.40 2.66 0.00	42.25 2.54 0.00	39.28 2.24 0.00	38.54 2.14 0.00	36.62 1.95 0.00	38.26 2.26 0.00	49.62 3.45 0.00	52.04 3.60 -0.01	49.11 3.27 0.00	50.07 2.94 0.00	58.65 4.03 0.00	53.82 3.79 0.00	55.27 3.92 0.00	55.33 3.90 0.00	54.65 3.94 0.00	51.57 3.97 0.00	43.58 3.79 -0.24	51.98 4.61 -2.05	57.30 5.47 -2.50	56.35 5.81 -3.03	57.01 5.63 -3.27	56.47 5.11 -0.98	39.35 3.19 0.00	44.06 3.21 0.00
PIERCEFIELD__HYD 23852	40.21 0.47 0.00	40.16 0.44 0.00	37.55 0.51 0.00	36.98 0.58 0.00	35.20 0.53 0.00	36.62 0.61 0.00	47.02 0.86 0.00	49.18 0.76 0.00	46.40 0.56 0.00	47.47 0.35 0.00	55.15 0.52 0.00	50.26 0.22 0.00	51.08 -0.28 0.00	50.98 -0.45 0.00	50.03 -0.68 0.00	46.07 -1.53 0.00	38.18 -1.37 0.00	43.75 -1.56 0.00	47.79 -1.54 0.00	46.08 -1.42 0.00	47.29 -0.82 0.00	50.03 -0.36 0.00	36.37 0.21 0.00	41.43 0.58 0.00
PINELAWN_CC_1 323563	41.74 2.00 0.00	41.83 2.12 0.00	38.64 1.59 0.00	37.93 1.53 0.00	36.27 1.60 0.00	37.91 1.90 0.00	47.76 1.60 0.00	49.82 1.33 -0.06	47.44 1.60 -0.01	48.88 1.76 0.00	57.21 2.59 0.00	53.94 2.85 -1.05	53.78 2.43 0.00	53.54 2.11 0.00	52.43 1.72 0.00	33.53 2.43 16.50	36.30 2.29 5.54	49.10 2.64 -1.16	52.37 3.04 0.00	50.32 2.81 0.00	50.60 2.49 0.00	39.51 1.67 12.55	37.78 1.62 0.00	42.66 1.81 0.00
PJM_GEN_HTP_PROXY 323702	40.97 1.38 0.15	40.94 1.22 0.00	38.13 1.08 0.00	37.50 1.09 0.00	35.79 1.12 0.00	37.21 1.20 0.00	47.59 1.42 0.00	49.93 1.45 -0.06	47.59 1.74 -0.01	49.02 1.89 0.00	56.52 1.89 0.00	54.00 1.97 -2.00	53.92 2.09 -0.47	60.34 2.02 -6.89	52.21 2.30 0.80	50.71 2.98 -0.13	63.87 2.72 -21.60	63.29 3.10 -14.88	52.46 3.13 0.00	50.52 3.01 0.00	50.65 2.54 0.00	53.63 1.99 -1.26	36.69 1.27 0.74	42.31 1.46 0.00
PJM_GEN_KEystone 24065	27.69 -0.21 11.83	18.81 -0.34 20.57	26.73 -0.43 9.89	22.85 -0.50 13.05	24.00 -0.51 10.16	24.27 -0.52 11.22	30.96 -0.48 14.71	36.17 -0.41 11.83	40.91 -0.24 4.69	35.89 0.02 11.26	42.95 0.41 12.09	50.15 0.58 0.46	51.33 0.86 0.88	59.20 0.88 -6.89	51.06 1.15 0.80	23.92 1.26 24.95	3.39 1.39 37.55	153.79 1.57 -106.91	66.73 1.62 -15.78	41.87 1.63 7.26	46.31 1.36 3.15	60.93 0.81 -9.73	22.39 0.41 14.19	36.47 0.46 4.84
PJM_GEN_NEPTUNE_PROXY 323594	41.10 1.51 0.15	41.28 1.56 0.00	38.21 1.17 0.00	37.54 1.13 0.00	35.89 1.21 0.00	37.44 1.43 0.00	47.30 1.14 0.00	49.39 0.92 -0.06	47.04 1.20 -0.01	48.47 1.34 0.00	56.54 1.91 0.00	54.26 2.15 -2.08	53.64 1.82 -0.47	59.93 1.61 -6.89	51.32 1.41 0.80	29.32 2.10 20.37	53.84 2.01 -12.28	60.91 2.26 -13.33	51.87 2.54 0.00	49.85 2.35 0.00	50.13 2.02 0.00	37.41 1.24 14.22	36.62 1.19 0.74	42.21 1.37 0.00
PJM_GEN_VFT_PROXY 323633	40.79 1.20 0.15	40.74 1.02 0.00	37.95 0.90 0.00	37.32 0.92 0.00	35.63 0.95 0.00	37.05 1.05 0.00	47.36 1.20 0.00	49.72 1.24 -0.06	47.38 1.53 -0.01	48.81 1.68 0.00	56.21 1.59 0.00	53.74 1.70 -2.00	53.71 1.88 -0.47	60.25 1.93 -6.89	52.07 2.16 0.80	50.56 2.83 -0.13	63.75 2.59 -21.60	63.13 2.94 -14.88	52.30 2.97 0.00	50.44 2.93 0.00	50.58 2.47 0.00	53.54 1.89 -1.26	36.60 1.18 0.74	42.18 1.34 0.00
PLATSBURG_115KV_PMLD1 355749	40.91 1.17 0.00	40.77 1.05 0.00	38.00 0.95 0.00	37.41 1.01 0.00	35.59 0.91 0.00	36.95 0.95 0.00	47.34 1.17 0.00	49.66 1.24 0.00	46.97 1.13 0.00	48.05 0.92 0.00	55.50 0.87 0.00	50.43 0.40 0.00	51.18 -0.17 0.00	50.68 -0.75 0.00	49.60 -1.11 0.00	45.99 -1.61 0.00	38.33 -1.23 0.00	43.95 -1.36 0.00	47.96 -1.38 0.00	46.23 -1.27 0.00	47.02 -1.09 0.00	49.81 -0.57 0.00	36.37 0.21 0.00	41.66 0.81 0.00
PLEASANTVLY__LBMP 24000	40.75 1.01 0.00	40.64 0.92 0.00	37.89 0.85 0.00	37.29 0.89 0.00	35.57 0.90 0.00	36.93 0.92 0.00	47.22 1.06 0.00	49.53 1.04 -0.06	47.07 1.22 -0.01	48.40 1.27 0.00	55.80 1.17 0.00	51.47 1.24 -0.19	52.64 1.28 0.00	52.70 1.27 0.00	52.11 1.40 0.00	49.64 1.96 -0.09	42.57 1.84 -1.17	48.95 2.08 -1.57	51.47 2.14 0.00	49.54 2.04 0.00	49.76 1.65 0.00	51.60 1.21 0.00	36.93 0.77 0.00	41.72 0.87 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	41.07 1.33 0.00	40.92 1.20 0.00	38.12 1.08 0.00	37.50 1.09 0.00	35.79 1.11 0.00	37.19 1.18 0.00	47.55 1.38 0.00	49.88 1.40 -0.06	47.46 1.62 -0.01	48.86 1.73 0.00	56.39 1.76 0.00	52.56 1.81 -0.71	53.24 1.89 0.00	53.29 1.86 0.00	52.75 2.04 0.00	50.34 2.62 -0.12	43.74 2.42 -1.76	50.30 2.76 -2.23	52.17 2.84 0.00	50.21 2.70 0.00	50.39 2.28 0.00	52.13 1.75 0.00	37.33 1.16 0.00	42.16 1.32 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	41.07 1.33 0.00	40.92 1.20 0.00	38.12 1.08 0.00	37.50 1.09 0.00	35.79 1.11 0.00	37.19 1.18 0.00	47.55 1.38 0.00	49.88 1.40 -0.06	47.46 1.62 -0.01	48.86 1.73 0.00	56.39 1.76 0.00	52.56 1.81 -0.71	53.24 1.89 0.00	53.29 1.86 0.00	52.75 2.04 0.00	50.34 2.62 -0.12	43.74 2.42 -1.76	50.30 2.76 -2.23	52.17 2.84 0.00	50.21 2.70 0.00	50.39 2.28 0.00	52.13 1.75 0.00	37.33 1.16 0.00	42.16 1.32 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	41.11 1.37 0.00	41.00 1.28 0.00	38.23 1.18 0.00	37.61 1.20 0.00	35.88 1.21 0.00	37.24 1.23 0.00	47.63 1.47 0.00	49.99 1.50 -0.07	47.52 1.68 -0.01	48.96 1.83 0.00	56.42 1.79 0.00	51.80 1.76 0.00	53.10 1.74 0.00	53.21 1.78 0.00	52.64 1.93 0.00	50.14 2.47 -0.07	42.65 2.28 -0.81	49.06 2.61 -1.14	52.00 2.67 0.00	50.03 2.52 0.00	50.29 2.18 0.00	52.14 1.75 0.00	37.29 1.13 0.00	42.06 1.22 0.00
POLETTI____ 23519	41.17 1.43 0.00	40.98 1.26 0.00	38.16 1.11 0.00	37.54 1.13 0.00	35.82 1.15 0.00	37.24 1.24 0.00	47.61 1.45 0.00	49.99 1.51 -0.06	47.63 1.79 -0.01	49.05 1.92 0.00	56.44 1.82 0.00	52.83 1.82 -0.98	53.30 1.94 0.00	53.34 1.91 0.00	52.86 2.15 0.00	50.57 2.84 -0.13	44.18 2.61 -2.02	50.73 2.97 -2.46	52.29 2.97 0.01	50.36 2.86 0.01	50.51 2.40 0.01	52.22 1.84 0.00	37.42 1.26 0.00	42.35 1.50 0.00

POMONA___ESR 323819	40.78 1.04 0.00	40.58 0.86 0.00	37.86 0.82 0.00	37.24 0.84 0.00	35.54 0.86 0.00	36.93 0.92 0.00	47.18 1.02 0.00	49.47 0.99 -0.05	47.04 1.20 -0.01	48.46 1.33 0.00	56.06 1.43 0.00	50.93 1.63 0.73	53.11 1.75 0.00	53.27 1.84 0.00	52.77 2.06 0.00	50.39 2.58 -0.22	44.31 2.42 -2.34	51.88 2.78 -3.79	52.20 2.87 0.00	50.26 2.76 0.00	50.43 2.32 0.00	52.18 1.80 0.00	37.28 1.12 0.00	42.09 1.25 0.00
PORT_JEFF_3 23555	41.76 2.02 0.00	41.99 2.28 0.00	38.69 1.65 0.00	37.97 1.56 0.00	36.31 1.64 0.00	38.04 2.04 0.00	47.66 1.50 0.00	49.58 1.11 -0.06	46.94 1.10 -0.01	48.34 1.21 0.00	56.83 2.20 0.00	53.72 2.63 -1.06	53.43 2.07 0.00	52.94 1.51 0.00	51.54 0.83 0.00	30.38 1.57 18.78	34.56 1.58 6.58	48.16 1.82 -1.03	51.64 2.31 0.00	49.51 2.01 0.00	49.84 1.73 0.00	36.93 0.82 14.28	37.56 1.40 0.00	42.50 1.65 0.00
PORT_JEFF_4 23616	41.76 2.02 0.00	41.99 2.28 0.00	38.69 1.65 0.00	37.97 1.56 0.00	36.31 1.64 0.00	38.04 2.04 0.00	47.66 1.50 0.00	49.58 1.11 -0.06	46.94 1.10 -0.01	48.34 1.21 0.00	56.83 2.20 0.00	53.72 2.63 -1.06	53.43 2.07 0.00	52.94 1.51 0.00	51.54 0.83 0.00	30.38 1.57 18.78	34.56 1.58 6.58	48.16 1.82 -1.03	51.64 2.31 0.00	49.51 2.01 0.00	49.84 1.73 0.00	36.93 0.82 14.28	37.56 1.40 0.00	42.50 1.65 0.00
PORT_JEFF_IC 23713	41.84 2.11 0.00	42.09 2.37 0.00	38.77 1.73 0.00	38.03 1.63 0.00	36.37 1.70 0.00	38.11 2.11 0.00	47.75 1.58 0.00	49.68 1.20 -0.06	46.83 0.99 -0.01	48.26 1.13 0.00	56.95 2.32 0.00	53.86 2.77 -1.05	53.56 2.21 0.00	53.08 1.66 0.00	51.72 1.01 0.00	30.65 1.76 18.71	34.66 1.64 6.54	48.24 1.89 -1.04	51.74 2.41 0.00	49.52 2.02 0.00	49.93 1.82 0.00	37.05 0.89 14.22	37.59 1.42 0.00	42.57 1.73 0.00
PPL PILGRIM_ST_GT1 24216	41.93 2.19 0.00	42.12 2.40 0.00	38.86 1.82 0.00	38.13 1.73 0.00	36.47 1.79 0.00	38.16 2.15 0.00	47.93 1.77 0.00	49.74 1.26 -0.06	47.30 1.46 -0.01	48.73 1.60 0.00	57.14 2.52 0.00	54.00 2.91 -1.06	53.72 2.36 0.00	53.42 1.99 0.00	52.25 1.54 0.00	31.40 2.20 18.40	35.18 2.03 6.40	48.70 2.33 -1.06	52.12 2.78 0.00	50.16 2.65 0.00	50.60 2.49 0.00	37.97 1.57 13.99	37.89 1.73 0.00	42.80 1.96 0.00
PPL PILGRIM_ST_GT2 24217	41.93 2.19 0.00	42.12 2.40 0.00	38.86 1.82 0.00	38.13 1.73 0.00	36.47 1.79 0.00	38.16 2.15 0.00	47.93 1.77 0.00	49.74 1.26 -0.06	47.30 1.46 -0.01	48.73 1.60 0.00	57.14 2.52 0.00	54.00 2.91 -1.06	53.72 2.36 0.00	53.42 1.99 0.00	52.25 1.54 0.00	31.40 2.20 18.40	35.18 2.03 6.40	48.70 2.33 -1.06	52.12 2.78 0.00	50.16 2.65 0.00	50.60 2.49 0.00	37.97 1.57 13.99	37.89 1.73 0.00	42.80 1.96 0.00
PPL_SHRM_GT3 24213	42.03 2.29 0.00	42.46 2.75 0.00	38.96 1.92 0.00	38.23 1.83 0.00	36.56 1.89 0.00	38.43 2.43 0.00	47.74 1.58 0.00	49.66 1.18 -0.06	46.81 0.96 -0.01	48.15 1.02 0.00	56.52 1.90 0.00	53.47 2.38 -1.06	53.10 1.75 0.00	52.66 1.23 0.00	51.35 0.64 0.00	30.26 1.42 18.75	34.55 1.56 6.56	48.21 1.86 -1.04	52.02 2.68 0.00	49.87 2.36 0.00	50.05 1.94 0.00	36.72 0.58 14.25	37.60 1.44 0.00	42.46 1.61 0.00
PPL_SHRM_GT4 24214	42.03 2.29 0.00	42.46 2.75 0.00	38.96 1.92 0.00	38.23 1.83 0.00	36.56 1.89 0.00	38.43 2.43 0.00	47.74 1.58 0.00	49.66 1.18 -0.06	46.81 0.96 -0.01	48.15 1.02 0.00	56.52 1.90 0.00	53.47 2.38 -1.06	53.10 1.75 0.00	52.66 1.23 0.00	51.35 0.64 0.00	30.26 1.42 18.75	34.55 1.56 6.56	48.21 1.86 -1.04	52.02 2.68 0.00	49.87 2.36 0.00	50.05 1.94 0.00	36.72 0.58 14.25	37.60 1.44 0.00	42.46 1.61 0.00
PROJECT___ORANGE 1 24174	39.21 -0.52 0.00	39.17 -0.55 0.00	36.44 -0.60 0.00	35.73 -0.67 0.00	34.03 -0.65 0.00	35.39 -0.61 0.00	45.56 -0.61 0.00	47.88 -0.54 0.00	45.36 -0.47 0.00	46.75 -0.38 0.00	54.42 -0.21 0.00	49.84 -0.20 0.00	51.27 -0.08 0.00	51.42 -0.01 0.00	50.85 0.13 0.00	47.76 0.16 0.00	39.85 0.23 -0.06	46.04 0.19 -0.54	50.41 0.27 -0.81	48.81 0.32 -0.98	49.40 0.24 -1.06	50.78 0.07 -0.32	36.12 -0.05 0.00	40.72 -0.13 0.00
PROJECT___ORANGE 2 24166	39.21 -0.52 0.00	39.17 -0.55 0.00	36.44 -0.60 0.00	35.73 -0.67 0.00	34.03 -0.65 0.00	35.39 -0.61 0.00	45.56 -0.61 0.00	47.88 -0.54 0.00	45.36 -0.47 0.00	46.75 -0.38 0.00	54.42 -0.21 0.00	49.84 -0.20 0.00	51.27 -0.08 0.00	51.42 -0.01 0.00	50.85 0.13 0.00	47.76 0.16 0.00	39.85 0.23 -0.06	46.04 0.19 -0.54	50.41 0.27 -0.81	48.81 0.32 -0.98	49.40 0.24 -1.06	50.78 0.07 -0.32	36.12 -0.05 0.00	40.72 -0.13 0.00
PUCKETT___SOLAR 323809	42.79 0.48 -2.58	43.44 0.39 -3.34	40.25 0.31 -2.90	37.62 0.23 -0.99	35.96 0.20 -1.09	37.81 0.23 -1.58	49.84 0.58 -3.10	53.20 0.63 -4.15	48.23 0.64 -1.75	52.16 0.59 -4.45	60.37 1.00 -4.74	51.54 1.05 -0.46	53.10 1.21 -0.53	52.51 1.08 0.00	51.83 1.12 0.00	48.89 1.29 0.00	43.51 1.35 -2.60	49.11 1.70 -2.10	54.56 2.09 -3.14	56.47 2.32 -6.65	55.43 2.20 -5.13	53.84 1.76 -1.70	39.00 0.97 -1.86	43.75 1.00 -1.90
PYRITES___HYD 24023	40.93 1.20 0.00	40.87 1.15 0.00	38.21 1.17 0.00	37.64 1.24 0.00	35.81 1.13 0.00	37.27 1.27 0.00	48.28 2.12 0.00	50.16 1.74 0.00	47.25 1.41 0.00	48.24 1.12 0.00	55.79 1.16 0.00	50.75 0.71 0.00	51.60 0.25 0.00	51.51 0.08 0.00	50.58 -0.13 0.00	46.58 -1.02 0.00	38.83 -0.72 0.00	44.68 -0.63 0.00	48.91 -0.43 0.00	47.27 -0.23 0.00	48.54 0.43 0.00	51.25 0.86 0.00	37.15 0.99 0.00	42.25 1.40 0.00
QUAKERRD_115KV_BK1 80622	38.52 -1.22 0.00	38.58 -1.14 0.00	35.66 -1.39 0.00	34.81 -1.60 0.00	33.10 -1.58 0.00	34.49 -1.52 0.00	44.67 -1.49 0.00	47.06 -1.37 0.00	44.52 -1.32 0.00	46.13 -1.00 0.00	54.11 -0.51 0.00	49.65 -0.38 0.00	51.36 0.00 0.00	51.58 0.15 0.00	51.18 0.47 0.00	47.93 0.33 0.00	40.11 0.55 0.00	45.69 0.38 0.00	49.88 0.54 0.00	48.08 0.57 0.00	48.47 0.36 0.00	50.34 -0.05 0.00	36.15 -0.01 0.00	40.75 -0.10 0.00
QUENSBRY_115KV_TB8 356137	41.77 2.03 0.00	41.80 2.08 0.00	38.94 1.90 0.00	38.28 1.87 0.00	36.36 1.68 0.00	37.88 1.88 0.00	48.63 2.47 0.00	51.67 2.68 -0.57	48.59 2.67 -0.07	49.68 2.55 0.00	56.59 1.96 0.00	51.56 1.53 0.00	52.82 1.46 0.00	52.77 1.34 0.00	51.60 0.89 0.00	48.79 1.19 0.00	40.88 1.32 0.00	46.87 1.56 0.00	51.38 2.04 0.00	49.65 2.15 0.00	50.55 2.44 0.00	52.99 2.61 0.00	37.84 1.68 0.00	42.54 1.69 0.00
RAMAPO___LBMP 323565	40.57 0.83 0.00	40.38 0.66 0.00	37.68 0.64 0.00	37.06 0.66 0.00	35.37 0.69 0.00	36.75 0.74 0.00	46.96 0.80 0.00	49.26 0.78 -0.05	46.81 0.97 -0.01	48.21 1.08 0.00	55.77 1.15 0.00	50.61 1.37 0.80	52.84 1.49 0.00	53.02 1.58 0.00	52.51 1.80 0.00	50.09 2.29 -0.20	43.84 2.17 -2.11	51.39 2.52 -3.56	51.96 2.59 -0.04	49.99 2.49 0.00	50.19 2.08 0.00	51.96 1.57 0.00	37.13 0.96 0.00	41.89 1.04 0.00

RANKINE____ 23646	39.00 -0.74 0.00	39.06 -0.65 0.00	35.84 -1.21 0.00	34.80 -1.60 0.00	32.96 -1.72 0.00	34.35 -1.66 0.00	44.77 -1.39 0.00	47.27 -1.16 0.00	44.72 -1.12 0.00	46.76 -0.37 0.00	55.24 0.61 0.00	50.81 0.78 0.00	52.87 1.52 0.00	52.90 1.48 0.00	52.63 1.91 0.00	49.07 1.47 0.00	41.28 1.68 -0.05	47.01 1.27 -0.44	51.36 1.54 -0.49	49.84 1.74 -0.59	50.28 1.53 -0.64	51.70 1.12 -0.19	37.19 1.02 0.00	42.00 1.15 0.00
RAVENSWOOD_GT2_1 24244	41.18 1.44 0.00	40.99 1.28 0.00	38.17 1.13 0.00	37.54 1.13 0.00	35.83 1.15 0.00	37.25 1.25 0.00	47.64 1.47 0.00	50.00 1.52 -0.06	47.64 1.79 -0.01	49.07 1.94 0.00	56.47 1.85 0.00	52.88 1.87 -0.98	53.35 1.99 0.00	53.38 1.95 0.00	52.91 2.20 0.00	50.61 2.88 -0.13	44.22 2.64 -2.02	50.77 3.00 -2.47	52.34 3.01 0.00	50.40 2.91 0.00	50.55 2.45 0.00	52.27 1.88 0.00	37.45 1.28 0.00	42.36 1.52 0.00
RAVENSWOOD_GT2_2 24245	41.18 1.44 0.00	40.99 1.28 0.00	38.17 1.13 0.00	37.54 1.13 0.00	35.83 1.15 0.00	37.25 1.25 0.00	47.64 1.47 0.00	50.00 1.52 -0.06	47.64 1.79 -0.01	49.07 1.94 0.00	56.47 1.85 0.00	52.88 1.87 -0.98	53.35 1.99 0.00	53.38 1.95 0.00	52.91 2.20 0.00	50.61 2.88 -0.13	44.22 2.64 -2.02	50.77 3.00 -2.47	52.34 3.01 0.00	50.40 2.91 0.00	50.55 2.45 0.00	52.27 1.88 0.00	37.45 1.28 0.00	42.36 1.52 0.00
RAVENSWOOD_GT2_3 24246	41.20 1.46 0.00	41.01 1.30 0.00	38.19 1.15 0.00	37.56 1.16 0.00	35.85 1.18 0.00	37.27 1.27 0.00	47.65 1.49 0.00	50.02 1.55 -0.06	47.67 1.83 -0.01	49.09 1.96 0.00	56.50 1.88 0.00	52.92 1.91 -0.98	53.38 2.03 0.00	53.42 1.99 0.00	52.96 2.25 0.00	50.64 2.92 -0.13	44.25 2.68 -2.02	50.80 3.03 -2.47	52.38 3.05 0.00	50.44 2.94 0.00	50.58 2.48 0.00	52.30 1.91 0.00	37.47 1.31 0.00	42.38 1.54 0.00
RAVENSWOOD_GT2_4 24247	41.20 1.46 0.00	41.01 1.30 0.00	38.19 1.15 0.00	37.56 1.16 0.00	35.85 1.18 0.00	37.27 1.27 0.00	47.65 1.49 0.00	50.02 1.55 -0.06	47.67 1.83 -0.01	49.09 1.96 0.00	56.50 1.88 0.00	52.92 1.91 -0.98	53.38 2.03 0.00	53.42 1.99 0.00	52.96 2.25 0.00	50.64 2.92 -0.13	44.25 2.68 -2.02	50.80 3.03 -2.47	52.38 3.05 0.00	50.44 2.94 0.00	50.58 2.48 0.00	52.30 1.91 0.00	37.47 1.31 0.00	42.38 1.54 0.00
RAVENSWOOD_GT3_1 24248	41.18 1.45 0.00	40.99 1.28 0.00	38.17 1.13 0.00	37.54 1.13 0.00	35.83 1.15 0.00	37.25 1.25 0.00	47.64 1.48 0.00	50.00 1.52 -0.06	47.64 1.80 -0.01	49.07 1.94 0.00	56.47 1.85 0.00	52.88 1.87 -0.98	53.35 2.00 0.00	53.39 1.96 0.00	52.91 2.20 0.00	50.61 2.89 -0.13	44.22 2.64 -2.02	50.78 3.00 -2.47	52.35 3.02 0.00	50.41 2.91 0.00	50.55 2.45 0.00	52.27 1.88 0.00	37.45 1.28 0.00	42.36 1.52 0.00
RAVENSWOOD_GT3_2 24249	41.18 1.45 0.00	40.99 1.28 0.00	38.17 1.13 0.00	37.54 1.13 0.00	35.83 1.15 0.00	37.25 1.25 0.00	47.64 1.48 0.00	50.00 1.52 -0.06	47.64 1.80 -0.01	49.07 1.94 0.00	56.47 1.85 0.00	52.88 1.87 -0.98	53.35 2.00 0.00	53.39 1.96 0.00	52.91 2.20 0.00	50.61 2.89 -0.13	44.22 2.64 -2.02	50.78 3.00 -2.47	52.35 3.02 0.00	50.41 2.91 0.00	50.55 2.45 0.00	52.27 1.88 0.00	37.45 1.28 0.00	42.36 1.52 0.00
RAVENSWOOD_GT3_3 24250	41.26 1.52 0.00	41.06 1.35 0.00	38.23 1.19 0.00	37.61 1.20 0.00	35.89 1.21 0.00	37.32 1.32 0.00	47.72 1.56 0.00	50.10 1.62 -0.06	47.74 1.90 -0.01	49.17 2.04 0.00	56.60 1.98 0.00	53.01 2.00 -0.98	53.47 2.12 0.00	53.51 2.08 0.00	53.04 2.33 0.00	50.74 3.01 -0.13	44.33 2.75 -2.02	50.89 3.11 -2.47	52.47 3.14 0.00	50.52 3.02 0.00	50.67 2.56 0.00	52.38 1.99 0.00	37.52 1.36 0.00	42.44 1.60 0.00
RAVENSWOOD_GT3_4 24251	41.26 1.52 0.00	41.06 1.35 0.00	38.23 1.19 0.00	37.61 1.20 0.00	35.89 1.21 0.00	37.32 1.32 0.00	47.72 1.56 0.00	50.10 1.62 -0.06	47.74 1.90 -0.01	49.17 2.04 0.00	56.60 1.98 0.00	53.01 2.00 -0.98	53.47 2.12 0.00	53.51 2.08 0.00	53.04 2.33 0.00	50.74 3.01 -0.13	44.33 2.75 -2.02	50.89 3.11 -2.47	52.47 3.14 0.00	50.52 3.02 0.00	50.67 2.56 0.00	52.38 1.99 0.00	37.52 1.36 0.00	42.44 1.60 0.00
RAVENSWOOD_GT_1 23729	41.28 1.54 0.00	41.08 1.36 0.00	38.22 1.17 0.00	37.58 1.17 0.00	35.87 1.19 0.00	37.30 1.29 0.00	47.67 1.51 0.00	50.02 1.54 -0.06	47.71 1.87 -0.01	49.10 1.97 0.00	56.49 1.86 0.00	52.97 1.96 -0.98	53.37 2.02 0.00	53.42 1.99 0.00	52.93 2.21 0.00	50.66 2.93 -0.13	44.28 2.70 -2.02	50.78 3.01 -2.47	52.31 2.98 0.00	50.40 2.90 0.00	50.49 2.38 0.00	52.25 1.86 0.00	37.49 1.32 0.00	42.37 1.52 0.00
RAVENSWOOD_GT_10 24258	41.18 1.44 0.00	40.99 1.28 0.00	38.17 1.13 0.00	37.54 1.13 0.00	35.83 1.15 0.00	37.26 1.25 0.00	47.64 1.48 0.00	50.00 1.52 -0.06	47.64 1.80 -0.01	49.07 1.94 0.00	56.49 1.86 0.00	52.88 1.87 -0.98	53.36 2.00 0.00	53.40 1.97 0.00	52.92 2.21 0.00	50.61 2.89 -0.13	44.22 2.64 -2.02	50.79 3.01 -2.47	52.35 3.02 0.00	50.42 2.92 0.00	50.56 2.46 0.00	52.27 1.89 0.00	37.45 1.28 0.00	42.36 1.52 0.00
RAVENSWOOD_GT_11 24259	41.18 1.44 0.00	40.99 1.28 0.00	38.17 1.13 0.00	37.54 1.13 0.00	35.83 1.15 0.00	37.26 1.25 0.00	47.64 1.48 0.00	50.00 1.52 -0.06	47.64 1.80 -0.01	49.07 1.94 0.00	56.49 1.86 0.00	52.88 1.87 -0.98	53.36 2.00 0.00	53.40 1.97 0.00	52.92 2.21 0.00	50.61 2.89 -0.13	44.22 2.64 -2.02	50.79 3.01 -2.47	52.35 3.02 0.00	50.42 2.92 0.00	50.56 2.46 0.00	52.27 1.89 0.00	37.45 1.28 0.00	42.36 1.52 0.00
RAVENSWOOD_GT_4 24252	41.20 1.46 0.00	41.01 1.29 0.00	38.17 1.12 0.00	37.54 1.13 0.00	35.83 1.15 0.00	37.26 1.26 0.00	47.64 1.48 0.00	49.98 1.50 -0.06	47.64 1.79 -0.01	49.04 1.91 0.00	56.45 1.82 0.00	52.89 1.88 -0.98	53.33 1.98 0.00	53.37 1.94 0.00	52.90 2.18 0.00	50.61 2.88 -0.13	44.23 2.65 -2.02	50.77 3.00 -2.47	52.32 2.99 0.00	50.39 2.89 0.00	50.52 2.42 0.00	52.24 1.86 0.00	37.45 1.28 0.00	42.34 1.49 0.00
RAVENSWOOD_GT_5 24254	41.20 1.46 0.00	41.01 1.29 0.00	38.17 1.12 0.00	37.54 1.13 0.00	35.83 1.15 0.00	37.26 1.26 0.00	47.64 1.48 0.00	49.98 1.50 -0.06	47.64 1.79 -0.01	49.04 1.91 0.00	56.45 1.82 0.00	52.89 1.88 -0.98	53.33 1.98 0.00	53.37 1.94 0.00	52.90 2.18 0.00	50.61 2.88 -0.13	44.23 2.65 -2.02	50.77 3.00 -2.47	52.32 2.99 0.00	50.39 2.89 0.00	50.52 2.42 0.00	52.24 1.86 0.00	37.45 1.28 0.00	42.34 1.49 0.00
RAVENSWOOD_GT_6 24253	41.20 1.46 0.00	41.01 1.29 0.00	38.17 1.12 0.00	37.54 1.13 0.00	35.83 1.15 0.00	37.26 1.26 0.00	47.64 1.48 0.00	49.98 1.50 -0.06	47.64 1.79 -0.01	49.04 1.91 0.00	56.45 1.82 0.00	52.89 1.88 -0.98	53.33 1.98 0.00	53.37 1.94 0.00	52.90 2.18 0.00	50.61 2.88 -0.13	44.23 2.65 -2.02	50.77 3.00 -2.47	52.32 2.99 0.00	50.39 2.89 0.00	50.52 2.42 0.00	52.24 1.86 0.00	37.45 1.28 0.00	42.34 1.49 0.00

RAVENSWOOD_GT_7 24255	41.20 1.46 0.00	41.01 1.29 0.00	38.17 1.12 0.00	37.54 1.13 0.00	35.83 1.15 0.00	37.26 1.26 0.00	47.64 1.48 0.00	49.98 1.50 -0.06	47.64 1.79 -0.01	49.04 1.91 0.00	56.45 1.82 0.00	52.89 1.88 -0.98	53.33 1.98 0.00	53.37 1.94 0.00	52.90 2.18 0.00	50.61 2.88 -0.13	44.23 2.65 -2.02	50.77 3.00 -2.47	52.32 2.99 0.00	50.39 2.89 0.00	50.52 2.42 0.00	52.24 1.86 0.00	37.45 1.28 0.00	42.34 1.49 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	41.18 1.44 0.00	40.99 1.28 0.00	38.17 1.13 0.00	37.54 1.13 0.00	35.83 1.15 0.00	37.26 1.25 0.00	47.64 1.48 0.00	50.00 1.52 -0.06	47.64 1.80 -0.01	49.07 1.94 0.00	56.49 1.86 0.00	52.88 1.87 -0.98	53.36 2.00 0.00	53.40 1.97 0.00	52.92 2.21 0.00	50.61 2.89 -0.13	44.22 2.64 -2.02	50.79 3.01 -2.47	52.35 3.02 0.00	50.42 2.92 0.00	50.56 2.46 0.00	52.27 1.89 0.00	37.45 1.28 0.00	42.36 1.52 0.00
RAVENSWOOD_GT_9 24257	41.18 1.44 0.00	40.99 1.28 0.00	38.17 1.13 0.00	37.54 1.13 0.00	35.83 1.15 0.00	37.26 1.25 0.00	47.64 1.48 0.00	50.00 1.52 -0.06	47.64 1.80 -0.01	49.07 1.94 0.00	56.49 1.86 0.00	52.88 1.87 -0.98	53.36 2.00 0.00	53.40 1.97 0.00	52.92 2.21 0.00	50.61 2.89 -0.13	44.22 2.64 -2.02	50.79 3.01 -2.47	52.35 3.02 0.00	50.42 2.92 0.00	50.56 2.46 0.00	52.27 1.89 0.00	37.45 1.28 0.00	42.36 1.52 0.00
RAVENSWOOD___1 23533	41.26 1.52 0.00	41.04 1.32 0.00	38.17 1.13 0.00	37.54 1.14 0.00	35.84 1.16 0.00	37.28 1.28 0.00	47.66 1.50 0.00	49.98 1.50 -0.06	47.69 1.85 -0.01	49.07 1.94 0.00	56.46 1.83 0.00	52.94 1.93 -0.98	53.35 2.00 0.00	53.40 1.97 0.00	52.90 2.19 0.00	50.64 2.91 -0.13	44.28 2.70 -2.02	50.78 3.01 -2.47	52.30 2.97 0.00	50.39 2.89 0.00	50.47 2.37 0.00	52.24 1.86 0.00	37.47 1.30 0.00	42.35 1.50 0.00
RAVENSWOOD___2 23534	41.18 1.44 0.00	40.98 1.26 0.00	38.11 1.07 0.00	37.48 1.08 0.00	35.79 1.11 0.00	37.21 1.20 0.00	47.47 1.31 0.00	49.66 1.18 -0.06	47.41 1.56 -0.01	48.74 1.61 0.00	56.06 1.44 0.00	52.63 1.61 -0.98	52.99 1.64 0.00	53.04 1.61 0.00	52.55 1.84 0.00	50.34 2.61 -0.13	44.10 2.52 -2.02	50.61 2.83 -2.47	52.02 2.68 0.00	50.14 2.64 0.00	50.19 2.08 0.00	51.98 1.60 0.00	37.37 1.21 0.00	42.25 1.41 0.00
RAVENSWOOD___3 23535	41.19 1.45 0.00	41.00 1.28 0.00	38.17 1.12 0.00	37.54 1.13 0.00	35.82 1.15 0.00	37.25 1.25 0.00	47.63 1.47 0.00	49.99 1.51 -0.06	47.63 1.79 -0.01	49.06 1.94 0.00	56.47 1.85 0.00	52.89 1.88 -0.98	53.35 2.00 0.00	53.39 1.96 0.00	52.91 2.20 0.00	50.61 2.88 -0.13	44.22 2.65 -2.02	50.78 3.01 -2.47	52.35 3.02 0.00	50.42 2.92 0.00	50.54 2.44 0.00	52.27 1.88 0.00	37.45 1.29 0.00	42.36 1.52 0.00
RAVENSWOOD___4 23820	41.25 1.51 0.00	41.03 1.31 0.00	38.17 1.13 0.00	37.54 1.14 0.00	35.83 1.16 0.00	37.28 1.27 0.00	47.64 1.48 0.00	49.96 1.48 -0.06	47.67 1.83 -0.01	49.04 1.92 0.00	56.43 1.80 0.00	52.92 1.91 -0.98	53.33 1.97 0.00	53.38 1.95 0.00	52.88 2.17 0.00	50.63 2.90 -0.13	44.25 2.68 -2.02	50.78 3.01 -2.47	52.28 2.95 0.00	50.38 2.88 0.00	50.47 2.36 0.00	52.23 1.85 0.00	37.45 1.29 0.00	42.33 1.49 0.00
RCPI_TRUST___DRP 24196	41.16 1.42 0.00	40.97 1.25 0.00	38.15 1.11 0.00	37.53 1.13 0.00	35.82 1.14 0.00	37.24 1.24 0.00	47.63 1.47 0.00	50.02 1.54 -0.06	47.67 1.83 -0.01	49.10 1.97 0.00	56.61 1.98 0.00	53.06 2.05 -0.98	53.52 2.17 0.00	53.52 2.09 0.00	53.09 2.38 0.00	50.79 3.06 -0.13	44.36 2.78 -2.02	50.96 3.18 -2.47	52.54 3.21 0.00	50.58 3.07 0.00	50.72 2.61 0.00	52.42 2.03 0.00	37.47 1.31 0.00	42.35 1.50 0.00
RED___ROCHESTER 323720	37.07 0.03 2.70	36.32 0.11 3.50	33.71 -0.30 3.03	34.78 -0.59 1.04	32.91 -0.64 1.12	33.87 -0.51 1.64	42.87 -0.08 3.21	44.37 0.21 4.27	44.16 0.13 1.80	43.21 0.59 4.51	51.19 1.47 4.91	51.12 1.56 0.47	52.93 2.12 0.55	53.73 2.30 0.00	53.37 2.65 0.00	49.93 2.34 0.00	39.41 2.29 2.44	47.61 2.30 0.00	51.49 2.69 0.53	46.80 2.61 3.31	48.85 2.40 1.66	51.67 1.99 0.71	35.67 1.43 1.92	40.38 1.49 1.96
REGAN___SOLAR 323812	41.81 2.08 0.00	41.71 1.99 0.00	38.88 1.84 0.00	38.18 1.78 0.00	36.44 1.76 0.00	37.94 1.93 0.00	48.74 2.58 0.00	51.79 2.75 -0.62	48.52 2.60 -0.08	49.80 2.67 0.00	57.88 3.25 0.00	52.39 2.35 0.00	53.76 2.40 0.00	54.27 2.84 0.00	53.66 2.95 0.00	50.66 3.06 0.00	42.19 2.64 0.00	48.29 2.98 0.00	52.77 3.44 0.00	50.99 3.49 0.00	51.48 3.37 0.00	53.63 3.24 0.00	38.30 2.14 0.00	43.16 2.31 0.00
RENSSELAER___COGEN 23796	40.09 0.35 0.00	40.13 0.41 0.00	37.50 0.46 0.00	36.90 0.50 0.00	35.20 0.52 0.00	36.48 0.47 0.00	46.54 0.37 0.00	49.09 0.34 -0.32	46.47 0.59 -0.04	47.46 0.33 0.00	54.24 -0.39 0.00	49.68 -0.35 0.00	50.84 -0.52 0.00	51.04 -0.39 0.00	49.96 -0.75 0.00	47.32 -0.28 0.00	39.20 -0.35 0.00	44.77 -0.54 0.00	48.59 -0.75 0.00	46.80 -0.70 0.00	47.58 -0.53 0.00	49.78 -0.60 0.00	35.78 -0.39 0.00	40.27 -0.58 0.00
REPUBLIC_115KV_BARTNBRK 55605	44.37 4.64 0.00	43.98 4.27 0.00	40.75 3.70 0.00	40.13 3.72 0.00	38.19 3.51 0.00	39.67 3.66 0.00	51.18 5.01 0.00	54.37 5.37 -0.57	51.23 5.32 -0.07	52.19 5.06 0.00	58.91 4.28 0.00	53.89 3.85 0.00	54.94 3.59 0.00	54.80 3.37 0.00	53.23 2.52 0.00	50.30 2.70 0.00	43.03 3.47 0.00	49.33 4.02 0.00	54.18 4.85 0.00	52.58 5.08 0.00	53.22 5.11 0.00	56.14 5.76 0.00	39.98 3.82 0.00	44.96 4.12 0.00
REVERE_CPPR_DRP 24186	41.20 1.46 0.00	41.13 1.41 0.00	38.27 1.23 0.00	37.58 1.18 0.00	35.83 1.15 0.00	37.31 1.31 0.00	47.94 1.78 0.00	50.40 1.98 0.00	47.78 1.95 0.00	48.74 1.61 0.00	56.82 2.20 0.00	51.69 1.65 0.00	53.35 2.00 0.00	53.50 2.08 0.00	52.81 2.10 0.00	49.50 1.90 0.00	41.31 1.71 -0.05	48.20 2.45 -0.45	52.73 2.78 -0.62	51.04 2.78 -0.75	51.63 2.71 -0.81	53.12 2.49 -0.24	37.77 1.60 0.00	42.51 1.67 0.00
REYNLDDPA_13_KV_LD 356490	39.96 0.22 0.00	39.99 0.27 0.00	37.38 0.34 0.00	36.76 0.37 0.00	34.99 0.32 0.00	36.36 0.36 0.00	46.47 0.30 0.00	48.77 0.34 0.00	46.12 0.28 0.00	47.42 0.29 0.00	54.93 0.31 0.00	50.22 0.19 0.00	51.33 -0.02 0.00	51.25 -0.17 0.00	50.37 -0.34 0.00	46.89 -0.71 0.00	38.99 -0.57 0.00	44.62 -0.69 0.00	48.60 -0.73 0.00	46.81 -0.69 0.00	47.68 -0.43 0.00	50.16 -0.23 0.00	36.36 0.20 0.00	41.22 0.37 0.00
REYNOLDS_115KV_TB3 80639	40.41 0.68 0.00	40.45 0.74 0.00	37.81 0.76 0.00	37.21 0.80 0.00	35.48 0.80 0.00	36.76 0.76 0.00	46.93 0.76 0.00	49.58 0.79 -0.37	47.07 1.19 -0.05	48.05 0.92 0.00	54.68 0.05 0.00	50.13 0.09 0.00	51.27 -0.08 0.00	51.52 0.09 0.00	50.25 -0.46 0.00	47.63 0.03 0.00	39.32 -0.23 0.00	44.92 -0.38 0.00	48.76 -0.57 0.00	46.94 -0.56 0.00	47.91 -0.20 0.00	50.19 -0.19 0.00	36.05 -0.11 0.00	40.55 -0.30 0.00

RIVERBAY____ 323610	41.90 2.16 0.00	41.89 2.17 0.00	38.99 1.95 0.00	38.37 1.97 0.00	36.69 2.01 0.00	38.16 2.15 0.00	48.72 2.56 0.00	51.15 2.68 -0.06	48.71 2.86 -0.01	49.97 2.84 0.00	57.50 2.87 0.00	54.00 2.98 -0.98	54.36 3.01 0.00	54.45 3.02 0.00	53.88 3.17 0.00	51.54 3.81 -0.13	44.98 3.40 -2.02	51.54 3.77 -2.47	53.25 3.92 0.00	51.35 3.85 0.00	51.46 3.36 0.00	53.24 2.85 0.00	38.18 2.02 0.00	43.14 2.29 0.00
RIVERSDE_115KV_TB3 55908	40.30 0.56 0.00	40.33 0.61 0.00	37.70 0.65 0.00	37.10 0.69 0.00	35.39 0.71 0.00	36.67 0.66 0.00	46.79 0.63 0.00	49.44 0.65 -0.36	46.85 0.97 -0.05	47.85 0.73 0.00	54.61 -0.02 0.00	50.04 0.00 0.00	51.20 -0.15 0.00	51.42 0.00 0.00	50.27 -0.44 0.00	47.63 0.03 0.00	39.40 -0.16 0.00	44.98 -0.33 0.00	48.84 -0.49 0.00	47.01 -0.49 0.00	47.88 -0.22 0.00	50.12 -0.27 0.00	36.01 -0.15 0.00	40.50 -0.35 0.00
ROARING__BROOK_WT_PWR 323790	39.67 -0.07 0.00	39.65 -0.07 0.00	36.99 -0.06 0.00	36.40 -0.01 0.00	34.65 -0.03 0.00	35.99 -0.02 0.00	46.12 -0.05 0.00	48.37 -0.05 0.00	45.75 -0.09 0.00	46.61 -0.52 0.00	54.52 -0.11 0.00	49.97 -0.06 0.00	51.25 -0.10 0.00	51.29 -0.14 0.00	50.55 -0.16 0.00	47.40 -0.20 0.00	39.40 -0.16 0.00	45.12 -0.18 0.00	49.15 -0.18 0.00	47.32 -0.19 0.00	47.97 -0.14 0.00	50.17 -0.21 0.00	35.96 -0.21 0.00	40.67 -0.18 0.00
ROCHESRG_115KV_T4 355643	39.21 -0.53 0.00	39.29 -0.43 0.00	36.26 -0.79 0.00	35.34 -1.06 0.00	33.59 -1.08 0.00	35.01 -0.99 0.00	45.41 -0.75 0.00	47.85 -0.58 0.00	45.24 -0.60 0.00	46.95 -0.18 0.00	55.15 0.52 0.00	50.67 0.64 0.00	52.47 1.11 0.00	52.68 1.25 0.00	52.28 1.56 0.00	48.92 1.32 0.00	41.00 1.44 0.00	46.57 1.26 0.00	50.85 1.52 0.00	49.06 1.56 0.00	49.45 1.34 0.00	51.34 0.96 0.00	36.92 0.75 0.00	41.62 0.78 0.00
ROCHESTER_9_IC 23652	39.55 -0.18 0.00	39.61 -0.10 0.00	36.55 -0.49 0.00	35.63 -0.77 0.00	33.86 -0.81 0.00	35.31 -0.70 0.00	45.82 -0.34 0.00	48.31 -0.11 0.00	45.70 -0.14 0.00	47.42 0.30 0.00	55.73 1.11 0.00	51.25 1.21 0.00	53.08 1.72 0.00	53.32 1.89 0.00	52.92 2.21 0.00	49.53 1.93 0.00	41.52 1.96 0.00	47.19 1.88 0.00	51.55 2.22 0.00	49.71 2.21 0.00	50.08 1.98 0.00	51.97 1.58 0.00	37.33 1.17 0.00	42.06 1.22 0.00
ROCKVIEW_13_KV_LD 356306	41.26 1.52 0.00	41.09 1.37 0.00	38.26 1.22 0.00	37.63 1.23 0.00	35.92 1.24 0.00	37.34 1.33 0.00	47.74 1.58 0.00	50.08 1.60 -0.06	47.67 1.83 -0.01	49.11 1.98 0.00	56.68 2.06 0.00	53.12 2.10 -0.98	53.56 2.21 0.00	53.59 2.16 0.00	53.07 2.36 0.00	50.72 2.99 -0.13	44.32 2.75 -2.02	50.89 3.11 -2.47	52.56 3.22 0.00	50.56 3.06 0.00	50.73 2.62 0.00	52.43 2.04 0.00	37.53 1.37 0.00	42.40 1.55 0.00
ROME____115KV_TB2 80656	41.20 1.46 0.00	41.13 1.41 0.00	38.27 1.23 0.00	37.58 1.18 0.00	35.83 1.15 0.00	37.31 1.31 0.00	47.94 1.78 0.00	50.40 1.98 0.00	47.78 1.95 0.00	48.74 1.61 0.00	56.82 2.20 0.00	51.69 1.65 0.00	53.35 2.00 0.00	53.50 2.08 0.00	52.81 2.10 0.00	49.50 1.90 0.00	41.31 1.71 -0.05	48.20 2.45 -0.45	52.73 2.78 -0.62	51.04 2.78 -0.75	51.63 2.71 -0.81	53.12 2.49 -0.24	37.77 1.60 0.00	42.51 1.67 0.00
ROSETON__1 23587	40.68 0.95 0.00	40.56 0.85 0.00	37.83 0.79 0.00	37.23 0.83 0.00	35.52 0.84 0.00	36.87 0.86 0.00	47.14 0.98 0.00	49.43 0.95 -0.05	46.97 1.13 -0.01	48.31 1.18 0.00	55.75 1.13 0.00	51.24 1.20 0.00	52.60 1.24 0.00	52.68 1.25 0.00	52.10 1.39 0.00	49.45 1.92 0.07	40.58 1.83 0.81	46.25 2.08 1.14	51.45 2.12 0.00	49.51 2.01 0.00	49.75 1.64 0.00	51.58 1.19 0.00	36.93 0.76 0.00	41.71 0.87 0.00
ROSETON__2 23588	40.68 0.95 0.00	40.56 0.85 0.00	37.83 0.79 0.00	37.23 0.83 0.00	35.52 0.84 0.00	36.87 0.86 0.00	47.14 0.98 0.00	49.43 0.95 -0.05	46.97 1.13 -0.01	48.31 1.18 0.00	55.75 1.13 0.00	51.24 1.20 0.00	52.60 1.24 0.00	52.68 1.25 0.00	52.10 1.39 0.00	49.45 1.92 0.07	40.58 1.83 0.81	46.25 2.08 1.14	51.45 2.12 0.00	49.51 2.01 0.00	49.75 1.64 0.00	51.58 1.19 0.00	36.93 0.76 0.00	41.71 0.87 0.00
ROTTDRAM_115KV_TB3 80664	40.61 0.87 0.00	40.60 0.89 0.00	37.92 0.87 0.00	37.26 0.86 0.00	35.49 0.81 0.00	36.81 0.81 0.00	47.16 1.00 0.00	50.05 1.01 -0.62	46.85 0.94 -0.08	48.12 0.99 0.00	55.54 0.92 0.00	50.84 0.80 0.00	52.14 0.78 0.00	52.30 0.87 0.00	51.49 0.78 0.00	48.61 1.01 0.00	40.42 0.86 0.00	46.28 0.97 0.00	50.40 1.07 0.00	48.58 1.07 0.00	49.16 1.05 0.00	51.34 0.96 0.00	36.77 0.61 0.00	41.47 0.62 0.00
RUSSELL__1 23602	39.77 0.03 0.00	39.81 0.09 0.00	36.74 -0.31 0.00	35.81 -0.59 0.00	34.03 -0.65 0.00	35.48 -0.52 0.00	46.08 -0.09 0.00	48.59 0.16 0.00	45.97 0.13 0.00	47.71 0.58 0.00	56.11 1.48 0.00	51.59 1.56 0.00	53.48 2.12 0.00	53.74 2.31 0.00	53.36 2.65 0.00	49.93 2.33 0.00	41.86 2.30 0.00	47.61 2.30 0.00	52.02 2.69 0.00	50.14 2.63 0.00	50.49 2.39 0.00	52.38 1.99 0.00	37.60 1.43 0.00	42.34 1.49 0.00
RUSSELL__2 23532	39.77 0.03 0.00	39.81 0.09 0.00	36.74 -0.31 0.00	35.81 -0.59 0.00	34.03 -0.65 0.00	35.48 -0.52 0.00	46.08 -0.09 0.00	48.59 0.16 0.00	45.97 0.13 0.00	47.71 0.58 0.00	56.11 1.48 0.00	51.59 1.56 0.00	53.48 2.12 0.00	53.74 2.31 0.00	53.36 2.65 0.00	49.93 2.33 0.00	41.86 2.30 0.00	47.61 2.30 0.00	52.02 2.69 0.00	50.14 2.63 0.00	50.49 2.39 0.00	52.38 1.99 0.00	37.60 1.43 0.00	42.34 1.49 0.00
RUSSELL__3 23549	39.77 0.03 0.00	39.81 0.09 0.00	36.74 -0.31 0.00	35.81 -0.59 0.00	34.03 -0.65 0.00	35.48 -0.52 0.00	46.08 -0.09 0.00	48.59 0.16 0.00	45.97 0.13 0.00	47.71 0.58 0.00	56.11 1.48 0.00	51.59 1.56 0.00	53.48 2.12 0.00	53.74 2.31 0.00	53.36 2.65 0.00	49.93 2.33 0.00	41.86 2.30 0.00	47.61 2.30 0.00	52.02 2.69 0.00	50.14 2.63 0.00	50.49 2.39 0.00	52.38 1.99 0.00	37.60 1.43 0.00	42.34 1.49 0.00
RUSSELL__4 23556	39.77 0.03 0.00	39.81 0.09 0.00	36.74 -0.31 0.00	35.81 -0.59 0.00	34.03 -0.65 0.00	35.48 -0.52 0.00	46.08 -0.09 0.00	48.59 0.16 0.00	45.97 0.13 0.00	47.71 0.58 0.00	56.11 1.48 0.00	51.59 1.56 0.00	53.48 2.12 0.00	53.74 2.31 0.00	53.36 2.65 0.00	49.93 2.33 0.00	41.86 2.30 0.00	47.61 2.30 0.00	52.02 2.69 0.00	50.14 2.63 0.00	50.49 2.39 0.00	52.38 1.99 0.00	37.60 1.43 0.00	42.34 1.49 0.00
RUSSELL__STATION 23914	39.77 0.03 0.00	39.81 0.09 0.00	36.74 -0.31 0.00	35.81 -0.59 0.00	34.03 -0.65 0.00	35.48 -0.52 0.00	46.08 -0.09 0.00	48.59 0.16 0.00	45.97 0.13 0.00	47.71 0.58 0.00	56.11 1.48 0.00	51.59 1.56 0.00	53.48 2.12 0.00	53.74 2.31 0.00	53.36 2.65 0.00	49.93 2.33 0.00	41.86 2.30 0.00	47.61 2.30 0.00	52.02 2.69 0.00	50.14 2.63 0.00	50.49 2.39 0.00	52.38 1.99 0.00	37.60 1.43 0.00	42.34 1.49 0.00

S SALMON___HYD 24043	39.68 -0.06 0.00	39.62 -0.10 0.00	36.90 -0.14 0.00	36.19 -0.21 0.00	34.51 -0.17 0.00	35.91 -0.10 0.00	46.14 -0.03 0.00	48.45 0.03 0.00	45.82 -0.01 0.00	46.71 -0.42 0.00	54.64 0.01 0.00	50.03 -0.01 0.00	51.47 0.11 0.00	51.53 0.10 0.00	50.82 0.10 0.00	47.49 -0.11 0.00	40.01 0.19 -0.26	47.89 0.31 -2.27	52.98 0.71 -2.94	51.92 0.86 -3.56	52.77 0.83 -3.84	52.36 0.81 -1.16	36.50 0.34 0.00	41.05 0.21 0.00
S.PERRY___115KV_TB1 80734	40.30 0.56 0.00	40.22 0.50 0.00	37.10 0.06 0.00	36.13 -0.28 0.00	34.10 -0.57 0.00	35.56 -0.44 0.00	46.38 0.22 0.00	48.92 0.50 0.00	46.39 0.55 0.00	48.14 1.01 0.00	56.51 1.88 0.00	51.73 1.70 0.00	53.26 1.91 0.00	53.25 1.82 0.00	52.53 1.81 0.00	49.37 1.77 0.00	42.05 2.40 -0.08	48.11 2.07 -0.74	53.41 3.23 -0.85	52.52 3.98 -1.03	53.29 4.08 -1.11	54.32 3.60 -0.33	38.63 2.46 0.00	43.40 2.56 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.76 -0.97 0.00	38.87 -0.85 0.00	35.66 -1.38 0.00	34.63 -1.77 0.00	32.81 -1.86 0.00	34.22 -1.79 0.00	44.54 -1.63 0.00	46.98 -1.45 0.00	44.37 -1.46 0.00	46.40 -0.73 0.00	54.79 0.17 0.00	50.41 0.38 0.00	52.43 1.08 0.00	52.49 1.06 0.00	52.19 1.48 0.00	48.67 1.07 0.00	40.95 1.35 -0.04	46.52 0.85 -0.36	50.77 1.05 -0.39	49.19 1.21 -0.48	49.58 0.96 -0.51	51.10 0.56 -0.15	36.85 0.69 0.00	41.64 0.79 0.00
SAWYER___23_KV_LOAD 55526	38.76 -0.97 0.00	38.87 -0.85 0.00	35.66 -1.38 0.00	34.63 -1.77 0.00	32.81 -1.86 0.00	34.22 -1.79 0.00	44.54 -1.63 0.00	46.98 -1.45 0.00	44.37 -1.46 0.00	46.40 -0.73 0.00	54.79 0.17 0.00	50.41 0.38 0.00	52.43 1.08 0.00	52.49 1.06 0.00	52.19 1.48 0.00	48.67 1.07 0.00	40.95 1.35 -0.04	46.52 0.85 -0.36	50.77 1.05 -0.39	49.19 1.21 -0.48	49.58 0.96 -0.51	51.10 0.56 -0.15	36.85 0.69 0.00	41.64 0.79 0.00
SELKIRK___I 23801	40.45 0.72 0.00	40.49 0.77 0.00	37.84 0.80 0.00	37.23 0.84 0.00	35.50 0.83 0.00	36.79 0.78 0.00	47.00 0.84 0.00	49.43 0.77 -0.23	46.56 0.69 -0.03	47.68 0.55 0.00	54.73 0.10 0.00	50.02 -0.01 0.00	50.60 -0.76 0.00	50.54 -0.89 0.00	49.66 -1.05 0.00	46.94 -0.68 -0.03	39.15 -0.60 -0.20	44.52 -0.78 0.00	48.41 -0.92 0.00	46.65 -0.85 0.00	47.29 -0.82 0.00	49.44 -0.95 0.00	35.48 -0.68 0.00	40.33 -0.52 0.00
SELKIRK___II 23799	40.19 0.45 0.00	40.21 0.49 0.00	37.58 0.53 0.00	36.97 0.57 0.00	35.25 0.58 0.00	36.53 0.53 0.00	46.66 0.50 0.00	49.06 0.39 -0.25	46.21 0.34 -0.03	47.23 0.10 0.00	54.18 -0.44 0.00	49.64 -0.40 0.00	50.81 -0.54 0.00	50.94 -0.49 0.00	50.04 -0.67 0.00	47.35 -0.25 0.00	39.27 -0.28 0.00	44.88 -0.43 0.00	48.75 -0.55 0.00	46.96 -0.55 0.00	47.63 -0.48 0.00	49.77 -0.61 0.00	35.72 -0.44 0.00	40.37 -0.48 0.00
SENECA OSWGO___HYD 24041	38.89 -0.85 0.00	38.86 -0.85 0.00	36.17 -0.88 0.00	35.48 -0.92 0.00	33.78 -0.89 0.00	35.13 -0.87 0.00	45.19 -0.97 0.00	47.47 -0.95 0.00	44.97 -0.86 0.00	46.27 -0.85 0.00	53.81 -0.81 0.00	49.14 -0.90 0.00	50.57 -0.78 0.00	50.72 -0.71 0.00	50.10 -0.61 0.00	47.12 -0.48 0.00	39.74 -0.23 -0.42	48.55 -0.35 -3.59	53.66 -0.25 -4.58	52.89 -0.17 -5.55	53.85 -0.24 -5.98	51.75 -0.44 -1.80	35.77 -0.39 0.00	40.33 -0.52 0.00
SENECA___115KV_TB3 355854	33.35 -0.69 5.70	31.73 -0.59 7.39	29.49 -1.14 6.41	32.68 -1.53 2.19	30.65 -1.65 2.38	30.96 -1.59 3.46	38.07 -1.31 6.79	38.41 -1.01 9.01	40.99 -1.05 3.80	37.31 -0.25 9.57	44.98 0.72 10.37	49.92 0.88 1.00	51.83 1.64 1.16	53.02 1.59 0.00	52.74 2.03 0.00	49.18 1.59 0.00	36.22 1.77 5.11	47.15 1.41 -0.44	50.37 1.67 0.63	42.94 1.81 6.37	46.92 1.66 2.85	50.32 1.24 1.30	33.20 1.11 4.07	37.95 1.24 4.15
SENECA___ENERGY 23797	39.57 -0.16 0.00	39.49 -0.23 0.00	36.64 -0.40 0.00	35.83 -0.57 0.00	34.05 -0.63 0.00	35.41 -0.60 0.00	45.84 -0.32 0.00	48.28 -0.15 0.00	45.79 -0.05 0.00	47.30 0.17 0.00	55.31 0.68 0.00	50.61 0.58 0.00	51.96 0.61 0.00	52.29 0.86 0.00	52.05 1.34 0.00	48.79 1.20 0.00	41.08 1.26 -0.27	49.16 1.55 -2.31	53.91 1.95 -2.63	52.76 2.07 -3.19	53.51 1.96 -3.44	52.89 1.47 -1.04	37.02 0.85 0.00	41.64 0.79 0.00
SHOEMAKER___GT 23640	40.58 0.84 0.00	40.45 0.73 0.00	37.73 0.69 0.00	37.11 0.70 0.00	35.40 0.72 0.00	36.75 0.74 0.00	47.01 0.85 0.00	49.33 0.86 -0.05	46.85 1.01 -0.01	48.22 1.10 0.00	55.79 1.16 0.00	50.79 1.25 0.49	52.67 1.31 0.00	52.59 1.16 0.00	52.01 1.30 0.00	48.91 1.84 0.52	34.85 1.82 6.53	38.69 2.11 8.72	51.95 2.22 -0.39	50.16 2.19 -0.47	50.48 1.86 -0.51	51.97 1.43 -0.15	37.05 0.88 0.00	41.79 0.94 0.00
SHOEMAKR_138KV_BK 111 55601	40.54 0.80 0.00	40.40 0.69 0.00	37.70 0.66 0.00	37.08 0.68 0.00	35.37 0.69 0.00	36.72 0.72 0.00	46.98 0.82 0.00	49.29 0.82 -0.05	46.82 0.98 -0.01	48.18 1.05 0.00	55.73 1.10 0.00	50.78 1.22 0.47	52.62 1.27 0.00	52.61 1.18 0.00	52.05 1.34 0.00	48.66 1.85 0.79	31.62 1.82 9.75	34.12 2.09 13.28	51.93 2.20 -0.40	50.11 2.13 -0.48	50.44 1.81 -0.51	51.92 1.38 -0.15	37.02 0.85 0.00	41.75 0.90 0.00
SHOREHAM_IC_1 23715	42.03 2.29 0.00	42.46 2.75 0.00	38.96 1.92 0.00	38.23 1.83 0.00	36.56 1.89 0.00	38.43 2.43 0.00	47.74 1.58 0.00	49.66 1.18 -0.06	46.81 0.96 -0.01	48.15 1.02 0.00	56.52 1.90 0.00	53.47 2.38 -1.06	53.10 1.75 0.00	52.66 1.23 0.00	51.35 0.64 0.00	30.26 1.42 18.75	34.55 1.56 6.56	48.21 1.86 -1.04	52.02 2.68 0.00	49.87 2.36 0.00	50.05 1.94 0.00	36.72 0.58 14.25	37.60 1.44 0.00	42.46 1.61 0.00
SHOREHAM_IC_2 23716	42.03 2.29 0.00	42.46 2.75 0.00	38.96 1.92 0.00	38.23 1.83 0.00	36.56 1.89 0.00	38.43 2.43 0.00	47.74 1.58 0.00	49.66 1.18 -0.06	46.81 0.96 -0.01	48.15 1.02 0.00	56.52 1.90 0.00	53.47 2.38 -1.06	53.10 1.75 0.00	52.66 1.23 0.00	51.35 0.64 0.00	30.26 1.42 18.75	34.55 1.56 6.56	48.21 1.86 -1.04	52.02 2.68 0.00	49.87 2.36 0.00	50.05 1.94 0.00	36.72 0.58 14.25	37.60 1.44 0.00	42.46 1.61 0.00
SISSONVILLE____ 23735	40.21 0.47 0.00	40.16 0.44 0.00	37.55 0.51 0.00	36.98 0.58 0.00	35.20 0.53 0.00	36.62 0.61 0.00	47.02 0.86 0.00	49.18 0.76 0.00	46.40 0.56 0.00	47.47 0.35 0.00	55.15 0.52 0.00	50.26 0.22 0.00	51.08 -0.28 0.00	50.98 -0.45 0.00	50.03 -0.68 0.00	46.07 -1.53 0.00	38.18 -1.37 0.00	43.75 -1.56 0.00	47.79 -1.54 0.00	46.08 -1.42 0.00	47.29 -0.82 0.00	50.03 -0.36 0.00	36.37 0.21 0.00	41.43 0.58 0.00
SITHE_IND_GS1 24169	38.41 -1.33 0.00	38.39 -1.33 0.00	35.73 -1.31 0.00	35.06 -1.34 0.00	33.39 -1.29 0.00	34.71 -1.29 0.00	44.61 -1.56 0.00	46.84 -1.58 0.00	44.33 -1.50 0.00	45.65 -1.48 0.00	53.04 -1.59 0.00	48.61 -1.43 0.00	49.97 -1.39 0.00	50.09 -1.35 0.00	49.49 -1.22 0.00	46.47 -1.13 0.00	37.50 -0.83 1.23	33.72 -0.99 10.60	35.00 -1.02 13.32	30.43 -0.93 16.15	29.69 -1.01 17.41	43.90 -1.25 5.24	35.23 -0.94 0.00	39.75 -1.10 0.00

SITHE_IND_GS2 24170	38.41 -1.33 0.00	38.39 -1.33 0.00	35.73 -1.31 0.00	35.06 -1.34 0.00	33.39 -1.29 0.00	34.71 -1.29 0.00	44.61 -1.56 0.00	46.84 -1.58 0.00	44.33 -1.50 0.00	45.65 -1.48 0.00	53.04 -1.59 0.00	48.61 -1.43 0.00	49.97 -1.39 0.00	50.09 -1.35 0.00	49.49 -1.22 0.00	46.47 -1.13 0.00	37.50 -0.83 1.23	33.72 -0.99 10.60	35.00 -1.02 13.32	30.43 -0.93 16.15	29.69 -1.01 17.41	43.90 -1.25 5.24	35.23 -0.94 0.00	39.75 -1.10 0.00
SITHE_IND_GS3 24171	38.41 -1.33 0.00	38.39 -1.33 0.00	35.73 -1.31 0.00	35.06 -1.34 0.00	33.39 -1.29 0.00	34.71 -1.29 0.00	44.61 -1.56 0.00	46.84 -1.58 0.00	44.33 -1.50 0.00	45.65 -1.48 0.00	53.04 -1.59 0.00	48.61 -1.43 0.00	49.97 -1.39 0.00	50.09 -1.35 0.00	49.49 -1.22 0.00	46.47 -1.13 0.00	37.50 -0.83 1.23	33.72 -0.99 10.60	35.00 -1.02 13.32	30.43 -0.93 16.15	29.69 -1.01 17.41	43.90 -1.25 5.24	35.23 -0.94 0.00	39.75 -1.10 0.00
SITHE_IND_GS4 24172	38.41 -1.33 0.00	38.39 -1.33 0.00	35.73 -1.31 0.00	35.06 -1.34 0.00	33.39 -1.29 0.00	34.71 -1.29 0.00	44.61 -1.56 0.00	46.84 -1.58 0.00	44.33 -1.50 0.00	45.65 -1.48 0.00	53.04 -1.59 0.00	48.61 -1.43 0.00	49.97 -1.39 0.00	50.09 -1.35 0.00	49.49 -1.22 0.00	46.47 -1.13 0.00	37.50 -0.83 1.23	33.72 -0.99 10.60	35.00 -1.02 13.32	30.43 -0.93 16.15	29.69 -1.01 17.41	43.90 -1.25 5.24	35.23 -0.94 0.00	39.75 -1.10 0.00
SITHE___BATAVIA 24024	36.11 0.32 3.95	35.08 0.48 5.12	32.47 -0.13 4.43	34.34 -0.54 1.52	32.40 -0.63 1.64	33.17 -0.44 2.40	41.66 0.19 4.70	42.82 0.64 6.24	43.63 0.42 2.63	41.34 0.82 6.62	48.73 1.27 7.18	50.89 1.55 0.69	52.73 2.18 0.81	53.59 2.16 0.00	53.53 2.82 0.00	49.67 2.08 0.00	38.42 2.44 3.57	47.42 2.11 0.00	51.41 2.85 0.78	45.96 3.29 4.83	48.81 3.12 2.42	52.00 2.65 1.04	35.30 1.95 2.82	40.06 2.08 2.87
SITHE___INDEPEND 23800	38.41 -1.33 0.00	38.39 -1.32 0.00	35.74 -1.31 0.00	35.06 -1.34 0.00	33.39 -1.29 0.00	34.71 -1.30 0.00	44.61 -1.56 0.00	46.83 -1.59 0.00	44.34 -1.50 0.00	45.65 -1.48 0.00	53.04 -1.59 0.00	48.61 -1.42 0.00	49.97 -1.39 0.00	50.08 -1.35 0.00	49.49 -1.22 0.00	46.47 -1.13 0.00	37.50 -0.83 1.23	33.72 -0.99 10.60	35.00 -1.02 13.32	30.43 -0.92 16.15	29.69 -1.01 17.41	43.90 -1.25 5.24	35.22 -0.94 0.00	39.74 -1.11 0.00
SITHE___MASSENA 23902	40.09 0.35 0.00	40.05 0.33 0.00	37.42 0.38 0.00	36.86 0.46 0.00	35.08 0.40 0.00	36.46 0.46 0.00	46.71 0.54 0.00	48.95 0.53 0.00	46.24 0.40 0.00	47.52 0.39 0.00	55.10 0.47 0.00	50.32 0.28 0.00	51.42 0.06 0.00	51.32 -0.10 0.00	50.45 -0.26 0.00	46.86 -0.74 0.00	38.92 -0.64 0.00	44.60 -0.71 0.00	48.64 -0.69 0.00	46.82 -0.68 0.00	47.69 -0.42 0.00	50.24 -0.15 0.00	36.38 0.21 0.00	41.27 0.43 0.00
SITHE___OGDNSBRG 24021	40.82 1.09 0.00	40.80 1.08 0.00	38.13 1.09 0.00	37.56 1.16 0.00	35.73 1.06 0.00	37.18 1.18 0.00	47.96 1.79 0.00	50.00 1.58 0.00	47.12 1.28 0.00	48.12 1.00 0.00	55.61 0.98 0.00	50.64 0.60 0.00	51.58 0.22 0.00	51.51 0.07 0.00	50.59 -0.13 0.00	46.71 -0.89 0.00	38.95 -0.61 0.00	44.84 -0.47 0.00	49.12 -0.22 0.00	47.44 -0.07 0.00	48.56 0.45 0.00	51.22 0.83 0.00	37.12 0.96 0.00	42.18 1.33 0.00
SITHE___STERLING 23777	40.72 0.98 0.00	40.65 0.93 0.00	37.83 0.79 0.00	37.15 0.75 0.00	35.40 0.73 0.00	36.85 0.84 0.00	47.37 1.21 0.00	49.80 1.37 0.00	47.19 1.36 0.00	48.33 1.20 0.00	56.26 1.63 0.00	51.26 1.23 0.00	52.83 1.48 0.00	52.89 1.47 0.00	52.27 1.56 0.00	49.08 1.48 0.00	40.99 1.38 -0.06	47.69 1.91 -0.48	52.12 2.13 -0.66	50.46 2.16 -0.80	51.06 2.09 -0.86	52.52 1.87 -0.26	37.34 1.18 0.00	42.05 1.20 0.00
SLEIGHT__34_KV_TB1 80719	39.21 -0.53 0.00	39.22 -0.50 0.00	36.29 -0.76 0.00	35.46 -0.95 0.00	33.72 -0.96 0.00	35.16 -0.84 0.00	45.57 -0.59 0.00	47.98 -0.44 0.00	45.43 -0.41 0.00	47.01 -0.12 0.00	55.02 0.39 0.00	50.19 0.16 0.00	51.89 0.54 0.00	52.29 0.86 0.00	51.91 1.20 0.00	48.57 0.97 0.00	40.74 1.10 -0.09	47.26 1.21 -0.75	51.70 1.56 -0.80	50.03 1.55 -0.98	50.54 1.38 -1.05	51.67 0.96 -0.32	36.79 0.63 0.00	41.40 0.55 0.00
SOUTH CAIRO___GT 23612	41.49 1.76 0.00	41.47 1.75 0.00	38.72 1.67 0.00	38.08 1.68 0.00	36.33 1.65 0.00	37.72 1.72 0.00	48.30 2.14 0.00	50.98 2.34 -0.22	48.28 2.42 -0.03	49.21 2.08 0.00	56.31 1.68 0.00	51.42 1.38 0.00	52.56 1.20 0.00	52.80 1.37 0.00	52.03 1.32 0.00	49.22 1.60 -0.03	40.99 1.13 -0.30	46.95 1.21 -0.42	50.62 1.28 0.00	48.71 1.21 0.00	49.40 1.29 0.00	51.55 1.17 0.00	36.93 0.76 0.00	41.58 0.73 0.00
SOUTH HAMPTN___IC 23720	42.70 2.97 0.00	43.11 3.39 0.00	39.56 2.52 0.00	38.82 2.42 0.00	37.13 2.45 0.00	39.01 3.00 0.00	48.61 2.45 0.00	50.59 2.11 -0.06	47.72 1.88 -0.01	49.03 1.90 0.00	57.50 2.87 0.00	54.41 3.32 -1.06	53.93 2.58 0.00	53.35 1.92 0.00	51.96 1.25 0.00	30.82 2.00 18.78	35.05 2.07 6.57	48.93 2.58 -1.03	52.74 3.40 0.00	50.41 2.90 0.00	50.50 2.39 0.00	37.13 1.02 14.27	37.98 1.81 0.00	43.00 2.15 0.00
SOUTHDOW__115KV_TB1 355954	39.93 0.19 0.00	39.29 -0.43 0.00	36.20 -0.85 0.00	35.32 -1.08 0.00	33.38 -1.29 0.00	34.77 -1.24 0.00	45.73 -0.43 0.00	48.70 0.28 0.00	46.31 0.47 0.00	48.45 1.32 0.00	57.40 2.77 0.00	52.62 2.58 0.00	54.42 3.06 0.00	54.25 2.82 0.00	53.92 3.21 0.00	50.22 2.62 0.00	42.41 2.77 -0.08	49.21 3.20 -0.70	53.76 3.61 -0.81	52.20 3.71 -0.98	52.67 3.51 -1.06	53.81 3.11 -0.32	38.29 2.13 0.00	42.95 2.10 0.00
SOUTHOLD_69_KV_BK 2 55809	43.40 3.67 0.00	43.84 4.12 0.00	40.21 3.17 0.00	39.48 3.08 0.00	37.75 3.08 0.00	39.65 3.65 0.00	49.50 3.34 0.00	51.52 3.04 -0.06	48.55 2.71 -0.01	49.69 2.56 0.00	58.24 3.62 0.00	55.11 4.02 -1.05	54.43 3.08 0.00	53.63 2.20 0.00	52.15 1.44 0.00	31.05 2.23 18.78	35.22 2.24 6.57	49.35 3.01 -1.03	53.21 3.88 0.00	50.66 3.15 0.00	50.65 2.54 0.00	37.23 1.12 14.27	38.21 2.05 0.00	43.41 2.57 0.00
SOUTHOLD___IC 23719	43.40 3.66 0.00	43.84 4.12 0.00	40.21 3.16 0.00	39.47 3.07 0.00	37.75 3.07 0.00	39.65 3.65 0.00	49.50 3.33 0.00	51.51 3.04 -0.06	48.56 2.72 -0.01	49.68 2.55 0.00	58.24 3.61 0.00	55.11 4.02 -1.06	54.42 3.06 0.00	53.64 2.21 0.00	52.14 1.43 0.00	30.98 2.16 18.78	35.23 2.25 6.57	49.35 3.01 -1.03	53.21 3.88 0.00	50.66 3.16 0.00	50.64 2.53 0.00	37.21 1.09 14.27	38.21 2.05 0.00	43.41 2.56 0.00
SOUTH_FORK_WT_PWR 323839	43.53 3.80 0.00	44.01 4.29 0.00	40.36 3.32 0.00	39.64 3.24 0.00	37.91 3.23 0.00	39.81 3.81 0.00	49.68 3.52 0.00	51.67 3.19 -0.06	48.63 2.78 -0.01	49.58 2.45 0.00	58.00 3.38 0.00	54.96 3.87 -1.06	54.09 2.73 0.00	53.14 1.71 0.00	51.57 0.86 0.00	30.43 1.60 18.78	34.80 1.82 6.57	49.05 2.71 -1.03	52.89 3.55 0.00	50.23 2.72 0.00	50.12 2.01 0.00	36.64 0.52 14.27	38.00 1.83 0.00	43.31 2.46 0.00

SPIERFLS_115KV_TB 1 80737	41.38 1.65 0.00	41.47 1.76 0.00	38.65 1.60 0.00	37.99 1.59 0.00	36.08 1.40 0.00	37.60 1.60 0.00	48.24 2.07 0.00	51.25 2.25 -0.58	48.17 2.26 -0.07	49.26 2.13 0.00	56.13 1.50 0.00	51.11 1.07 0.00	52.36 1.01 0.00	52.37 0.94 0.00	51.25 0.54 0.00	48.44 0.84 0.00	40.50 0.94 0.00	46.45 1.14 0.00	50.94 1.61 0.00	49.21 1.71 0.00	50.14 2.04 0.00	52.51 2.12 0.00	37.52 1.35 0.00	42.17 1.32 0.00
ST LAWRENCE____ 23600	39.69 -0.04 0.00	39.69 -0.02 0.00	37.04 0.00 0.00	36.45 0.05 0.00	34.69 0.01 0.00	36.04 0.03 0.00	46.19 0.03 0.00	48.47 0.04 0.00	45.82 -0.02 0.00	47.14 0.01 0.00	54.66 0.03 0.00	49.96 -0.07 0.00	51.12 -0.23 0.00	51.07 -0.36 0.00	50.23 -0.48 0.00	46.77 -0.83 0.00	38.81 -0.74 0.00	44.46 -0.85 0.00	48.46 -0.87 0.00	46.63 -0.88 0.00	47.41 -0.70 0.00	49.90 -0.48 0.00	36.05 -0.12 0.00	40.86 0.01 0.00
STATE_CA_115KV_115_LB 55624	40.37 0.63 0.00	40.41 0.69 0.00	37.76 0.72 0.00	37.16 0.76 0.00	35.45 0.78 0.00	36.74 0.73 0.00	46.88 0.72 0.00	49.53 0.75 -0.35	46.90 1.02 -0.05	47.91 0.79 0.00	54.79 0.16 0.00	50.20 0.17 0.00	51.38 0.02 0.00	51.60 0.17 0.00	50.50 -0.21 0.00	47.84 0.24 0.00	39.64 0.08 0.00	45.26 -0.05 0.00	49.11 -0.22 0.00	47.29 -0.22 0.00	48.10 -0.01 0.00	50.29 -0.10 0.00	36.12 -0.05 0.00	40.61 -0.24 0.00
STATE_ST_34_KV_LOAD 55959	39.81 0.07 0.00	39.73 0.01 0.00	36.84 -0.20 0.00	36.10 -0.30 0.00	34.36 -0.32 0.00	35.75 -0.26 0.00	46.14 -0.03 0.00	48.46 0.04 0.00	45.94 0.11 0.00	47.34 0.21 0.00	55.16 0.53 0.00	50.44 0.41 0.00	51.81 0.45 0.00	52.03 0.61 0.00	51.75 1.03 0.00	48.48 0.88 0.00	40.88 1.03 -0.30	49.40 1.46 -2.64	54.13 1.78 -3.02	52.85 1.69 -3.66	53.78 1.72 -3.95	52.87 1.29 -1.19	36.91 0.74 0.00	41.41 0.56 0.00
STATION 5_MISC_HYD 23604	36.85 -0.19 2.70	36.12 -0.10 3.50	33.52 -0.49 3.03	34.60 -0.77 1.03	32.75 -0.81 1.12	33.69 -0.68 1.64	42.63 -0.33 3.21	44.09 -0.08 4.26	43.89 -0.15 1.80	42.93 0.31 4.51	50.83 1.11 4.90	50.78 1.21 0.47	52.53 1.73 0.55	53.32 1.89 0.00	52.93 2.21 0.00	49.53 1.93 0.00	39.07 1.95 2.44	47.20 1.89 0.00	51.04 2.23 0.53	46.39 2.20 3.31	48.45 1.99 1.66	51.26 1.59 0.71	35.41 1.17 1.92	40.11 1.22 1.96
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	39.56 -0.17 0.00	39.55 -0.17 0.00	36.59 -0.45 0.00	35.74 -0.66 0.00	33.98 -0.70 0.00	35.40 -0.61 0.00	45.88 -0.29 0.00	48.34 -0.08 0.00	45.82 -0.01 0.00	47.48 0.36 0.00	55.67 1.04 0.00	51.06 1.02 0.00	52.70 1.34 0.00	53.02 1.60 0.00	52.65 1.94 0.00	49.33 1.73 0.00	41.39 1.74 -0.09	48.01 1.89 -0.81	52.46 2.26 -0.87	50.84 2.28 -1.06	51.30 2.05 -1.14	52.35 1.62 -0.34	37.24 1.08 0.00	41.91 1.07 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	39.28 -0.46 0.00	39.33 -0.38 0.00	36.30 -0.74 0.00	35.41 -0.99 0.00	33.66 -1.02 0.00	35.11 -0.90 0.00	45.53 -0.63 0.00	47.99 -0.44 0.00	45.41 -0.43 0.00	47.07 -0.06 0.00	55.31 0.68 0.00	50.83 0.80 0.00	52.64 1.29 0.00	52.87 1.45 0.00	52.47 1.76 0.00	49.13 1.54 0.00	41.15 1.59 0.00	46.80 1.49 0.00	51.12 1.79 0.00	49.28 1.77 0.00	49.64 1.53 0.00	51.52 1.14 0.00	37.00 0.84 0.00	41.68 0.84 0.00
STA_56____34_KV_BUS2 355983	39.28 -0.46 0.00	39.33 -0.38 0.00	36.30 -0.74 0.00	35.41 -0.99 0.00	33.66 -1.02 0.00	35.11 -0.90 0.00	45.53 -0.63 0.00	47.99 -0.44 0.00	45.41 -0.43 0.00	47.07 -0.06 0.00	55.31 0.68 0.00	50.83 0.80 0.00	52.64 1.29 0.00	52.87 1.45 0.00	52.47 1.76 0.00	49.13 1.54 0.00	41.15 1.59 0.00	46.80 1.49 0.00	51.12 1.79 0.00	49.28 1.77 0.00	49.64 1.53 0.00	51.52 1.14 0.00	37.00 0.84 0.00	41.68 0.84 0.00
STA_67____115KV_BK2 355882	39.46 -0.28 0.00	39.53 -0.19 0.00	36.46 -0.58 0.00	35.55 -0.85 0.00	33.79 -0.89 0.00	35.23 -0.78 0.00	45.71 -0.45 0.00	48.20 -0.23 0.00	45.58 -0.26 0.00	47.29 0.16 0.00	55.57 0.94 0.00	51.09 1.06 0.00	52.91 1.56 0.00	53.15 1.72 0.00	52.75 2.04 0.00	49.37 1.77 0.00	41.37 1.82 0.00	47.01 1.70 0.00	51.37 2.04 0.00	49.55 2.04 0.00	49.92 1.81 0.00	51.81 1.42 0.00	37.22 1.06 0.00	41.95 1.10 0.00
STA_7____115KV_9TRANS 80674	39.77 0.03 0.00	39.81 0.09 0.00	36.74 -0.31 0.00	35.81 -0.59 0.00	34.03 -0.65 0.00	35.48 -0.52 0.00	46.08 -0.09 0.00	48.59 0.16 0.00	45.97 0.13 0.00	47.71 0.58 0.00	56.11 1.48 0.00	51.59 1.56 0.00	53.48 2.12 0.00	53.74 2.31 0.00	53.36 2.65 0.00	49.93 2.33 0.00	41.86 2.30 0.00	47.61 2.30 0.00	52.02 2.69 0.00	50.14 2.63 0.00	50.49 2.39 0.00	52.38 1.99 0.00	37.60 1.43 0.00	42.34 1.49 0.00
STA_82____115KV_TB1 80780	39.41 -0.33 0.00	39.48 -0.23 0.00	36.43 -0.62 0.00	35.52 -0.88 0.00	33.75 -0.93 0.00	35.19 -0.82 0.00	45.66 -0.51 0.00	48.12 -0.30 0.00	45.52 -0.32 0.00	47.23 0.10 0.00	55.48 0.86 0.00	51.00 0.96 0.00	52.81 1.45 0.00	53.04 1.61 0.00	52.65 1.94 0.00	49.27 1.68 0.00	41.30 1.74 0.00	46.92 1.61 0.00	51.28 1.95 0.00	49.46 1.96 0.00	49.84 1.72 0.00	51.72 1.34 0.00	37.17 1.01 0.00	41.88 1.04 0.00
STEEL____WIND 323596	33.29 -0.75 5.70	31.70 -0.63 7.39	29.45 -1.19 6.41	32.62 -1.59 2.19	30.60 -1.71 2.38	30.91 -1.63 3.46	37.99 -1.39 6.79	38.31 -1.10 9.01	40.91 -1.13 3.80	37.23 -0.33 9.57	44.87 0.61 10.37	49.82 0.78 1.00	51.71 1.52 1.16	52.90 1.47 0.00	52.64 1.93 0.00	49.09 1.49 0.00	36.13 1.68 5.11	47.07 1.32 -0.44	50.26 1.56 0.63	42.86 1.73 6.37	46.83 1.58 2.85	50.24 1.16 1.30	33.12 1.03 4.07	37.89 1.19 4.15
STEPHTWN_115KV_BK_2 55603	40.55 0.82 0.00	40.48 0.76 0.00	37.81 0.77 0.00	37.22 0.82 0.00	35.51 0.84 0.00	36.83 0.82 0.00	47.09 0.92 0.00	49.72 0.97 -0.32	47.08 1.20 -0.04	48.00 0.87 0.00	54.92 0.30 0.00	50.21 0.18 0.00	51.58 0.22 0.00	51.59 0.16 0.00	50.55 -0.17 0.00	48.00 0.40 0.00	39.77 0.21 0.00	45.54 0.23 0.00	49.26 -0.07 0.00	47.48 -0.03 0.00	48.24 0.13 0.00	50.40 0.01 0.00	36.14 -0.02 0.00	40.69 -0.16 0.00
STEBEN_REC_LFGE 323667	39.46 -0.27 0.00	39.19 -0.53 0.00	36.21 -0.84 0.00	35.16 -1.24 0.00	32.93 -1.75 0.00	34.09 -1.92 0.00	44.36 -1.81 0.00	46.76 -1.66 0.00	44.54 -1.30 0.00	46.69 -0.44 0.00	55.23 0.60 0.00	50.48 0.44 0.00	52.62 1.27 0.00	52.52 1.09 0.00	52.04 1.33 0.00	48.83 1.23 0.00	41.53 1.80 -0.17	48.67 1.91 -1.45	53.98 2.92 -1.74	53.08 3.47 -2.10	53.90 3.52 -2.27	54.09 3.02 -0.68	38.15 1.98 0.00	43.00 2.16 0.00
STILLWATER____SOLAR 323814	41.43 1.69 0.00	41.46 1.74 0.00	38.67 1.63 0.00	38.02 1.62 0.00	36.20 1.52 0.00	37.61 1.60 0.00	48.18 2.01 0.00	51.12 2.14 -0.55	48.06 2.15 -0.07	49.19 2.07 0.00	56.34 1.71 0.00	51.47 1.44 0.00	52.74 1.39 0.00	52.88 1.45 0.00	51.74 1.03 0.00	48.92 1.33 0.00	40.67 1.12 0.00	46.64 1.33 0.00	50.85 1.52 0.00	49.06 1.55 0.00	49.88 1.77 0.00	52.17 1.78 0.00	37.32 1.15 0.00	42.02 1.17 0.00

STONY___BROOK 24151	41.89 2.15 0.00	42.13 2.41 0.00	38.81 1.76 0.00	38.06 1.66 0.00	36.41 1.73 0.00	38.15 2.14 0.00	47.80 1.64 0.00	49.74 1.25 -0.06	47.01 1.16 -0.01	48.44 1.32 0.00	57.08 2.46 0.00	54.00 2.91 -1.06	53.71 2.35 0.00	53.26 1.83 0.00	51.91 1.20 0.00	30.79 1.88 18.69	34.88 1.86 6.53	48.50 2.15 -1.04	52.00 2.67 0.00	49.81 2.31 0.00	50.16 2.05 0.00	37.24 1.06 14.20	37.68 1.51 0.00	42.65 1.80 0.00
STURGEON_POOL_HYD 23609	40.81 1.07 0.00	40.68 0.97 0.00	37.96 0.92 0.00	37.34 0.94 0.00	35.62 0.94 0.00	36.96 0.96 0.00	47.29 1.13 0.00	49.62 1.11 -0.09	47.05 1.20 -0.01	48.54 1.42 0.00	56.12 1.50 0.00	51.65 1.62 0.00	53.00 1.64 0.00	53.08 1.65 0.00	52.64 1.93 0.00	50.18 2.56 -0.03	42.26 2.38 -0.32	48.51 2.75 -0.45	52.12 2.79 0.00	50.13 2.62 0.00	50.29 2.18 0.00	52.08 1.69 0.00	37.23 1.07 0.00	42.00 1.15 0.00
ST_LAW_115_BK7_LBMP 345037	39.67 -0.06 0.00	39.67 -0.04 0.00	37.03 -0.01 0.00	36.46 0.05 0.00	34.70 0.02 0.00	36.05 0.04 0.00	46.19 0.03 0.00	48.45 0.03 0.00	45.80 -0.04 0.00	47.12 -0.01 0.00	54.62 0.00 0.00	49.91 -0.12 0.00	51.04 -0.31 0.00	50.99 -0.44 0.00	50.12 -0.59 0.00	46.62 -0.98 0.00	38.70 -0.86 0.00	44.32 -0.98 0.00	48.32 -1.01 0.00	46.49 -1.01 0.00	47.30 -0.81 0.00	49.81 -0.57 0.00	36.02 -0.14 0.00	40.84 0.00 0.00
ST_LAW_115_BK8_LBMP 345038	39.67 -0.06 0.00	39.67 -0.04 0.00	37.03 -0.01 0.00	36.46 0.05 0.00	34.70 0.02 0.00	36.05 0.04 0.00	46.19 0.03 0.00	48.45 0.03 0.00	45.80 -0.04 0.00	47.12 -0.01 0.00	54.62 0.00 0.00	49.91 -0.12 0.00	51.04 -0.31 0.00	50.99 -0.44 0.00	50.12 -0.59 0.00	46.62 -0.98 0.00	38.70 -0.86 0.00	44.32 -0.98 0.00	48.32 -1.01 0.00	46.49 -1.01 0.00	47.30 -0.81 0.00	49.81 -0.57 0.00	36.02 -0.14 0.00	40.84 0.00 0.00
ST_LAW_230_BK5_LBMP 345035	39.69 -0.04 0.00	39.69 -0.02 0.00	37.04 0.00 0.00	36.45 0.05 0.00	34.69 0.01 0.00	36.04 0.03 0.00	46.19 0.03 0.00	48.47 0.04 0.00	45.82 -0.02 0.00	47.14 0.01 0.00	54.66 0.03 0.00	49.96 -0.07 0.00	51.12 -0.23 0.00	51.07 -0.36 0.00	50.23 -0.48 0.00	46.77 -0.83 0.00	38.81 -0.74 0.00	44.46 -0.85 0.00	48.46 -0.87 0.00	46.63 -0.88 0.00	47.41 -0.70 0.00	49.90 -0.48 0.00	36.05 -0.12 0.00	40.86 0.01 0.00
ST_LAW_230_BK6_LBMP 345036	39.69 -0.04 0.00	39.69 -0.02 0.00	37.04 0.00 0.00	36.45 0.05 0.00	34.69 0.01 0.00	36.04 0.03 0.00	46.19 0.03 0.00	48.47 0.04 0.00	45.82 -0.02 0.00	47.14 0.01 0.00	54.66 0.03 0.00	49.96 -0.07 0.00	51.12 -0.23 0.00	51.07 -0.36 0.00	50.23 -0.48 0.00	46.77 -0.83 0.00	38.81 -0.74 0.00	44.46 -0.85 0.00	48.46 -0.87 0.00	46.63 -0.88 0.00	47.41 -0.70 0.00	49.90 -0.48 0.00	36.05 -0.12 0.00	40.86 0.01 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.61 0.88 0.00	40.46 0.74 0.00	37.75 0.71 0.00	37.13 0.73 0.00	35.42 0.75 0.00	36.79 0.78 0.00	47.03 0.87 0.00	49.34 0.87 -0.05	46.90 1.06 -0.01	48.28 1.15 0.00	55.86 1.23 0.00	50.87 1.40 0.57	52.83 1.47 0.00	52.93 1.50 0.00	52.40 1.69 0.00	50.18 2.21 -0.37	45.90 2.10 -4.25	54.22 2.43 -6.48	52.24 2.52 -0.38	50.39 2.42 -0.46	50.64 2.04 -0.49	52.08 1.54 -0.15	37.12 0.95 0.00	41.87 1.03 0.00
SWANROAD_115KV_TB1 355699	38.37 -1.36 0.00	38.56 -1.15 0.00	35.36 -1.68 0.00	34.32 -2.08 0.00	32.53 -2.15 0.00	33.93 -2.08 0.00	44.17 -1.99 0.00	46.57 -1.85 0.00	43.90 -1.93 0.00	45.85 -1.28 0.00	53.81 -0.81 0.00	49.55 -0.49 0.00	51.54 0.19 0.00	51.65 0.22 0.00	51.19 0.48 0.00	47.63 0.04 -0.03	40.09 0.51 -0.23	45.30 -0.24 0.00	49.25 -0.08 0.00	47.65 0.14 0.00	47.93 -0.17 0.00	49.80 -0.59 0.00	36.07 -0.10 0.00	40.78 -0.06 0.00
SYNERGY___BIOGAS 323694	40.07 0.34 0.00	40.19 0.48 0.00	36.90 -0.14 0.00	35.85 -0.55 0.00	34.04 -0.64 0.00	35.56 -0.44 0.00	46.36 0.19 0.00	49.02 0.59 0.00	46.29 0.45 0.00	47.94 0.82 0.00	55.90 1.28 0.00	51.58 1.54 0.00	53.53 2.18 0.00	53.59 2.16 0.00	53.52 2.81 0.00	49.67 2.07 0.00	41.99 2.44 0.00	47.41 2.10 0.00	52.17 2.84 0.00	50.82 3.32 0.00	51.20 3.10 0.00	53.03 2.65 0.00	38.12 1.96 0.00	42.92 2.07 0.00
SYRACUSE___ENERGY_ST1 323597	39.38 -0.36 0.00	39.33 -0.39 0.00	36.59 -0.45 0.00	35.88 -0.52 0.00	34.18 -0.49 0.00	35.55 -0.46 0.00	45.79 -0.37 0.00	48.03 -0.39 0.00	45.51 -0.32 0.00	46.89 -0.23 0.00	54.56 -0.06 0.00	49.91 -0.13 0.00	51.30 -0.05 0.00	51.53 0.10 0.00	51.00 0.29 0.00	47.88 0.28 0.00	40.30 0.44 -0.30	48.50 0.61 -2.59	53.11 0.73 -3.05	51.97 0.76 -3.70	52.78 0.69 -3.99	51.97 0.38 -1.20	36.30 0.13 0.00	40.89 0.04 0.00
SYRACUSE___ENERGY_ST2 323598	39.38 -0.36 0.00	39.33 -0.39 0.00	36.59 -0.45 0.00	35.88 -0.52 0.00	34.18 -0.49 0.00	35.55 -0.46 0.00	45.79 -0.37 0.00	48.03 -0.39 0.00	45.51 -0.32 0.00	46.89 -0.23 0.00	54.56 -0.06 0.00	49.91 -0.13 0.00	51.30 -0.05 0.00	51.53 0.10 0.00	51.00 0.29 0.00	47.88 0.28 0.00	40.30 0.44 -0.30	48.50 0.61 -2.59	53.11 0.73 -3.05	51.97 0.76 -3.70	52.78 0.69 -3.99	51.97 0.38 -1.20	36.30 0.13 0.00	40.89 0.04 0.00
SYRACUSE___POWER 24017	39.37 -0.37 0.00	39.31 -0.41 0.00	36.59 -0.46 0.00	35.87 -0.53 0.00	34.16 -0.52 0.00	35.53 -0.48 0.00	45.74 -0.42 0.00	48.07 -0.35 0.00	45.49 -0.35 0.00	46.92 -0.21 0.00	54.60 -0.03 0.00	49.98 -0.05 0.00	51.40 0.04 0.00	51.56 0.13 0.00	51.00 0.29 0.00	47.93 0.33 0.00	40.08 0.39 -0.13	46.92 0.45 -1.16	51.37 0.56 -1.47	49.91 0.63 -1.79	50.57 0.54 -1.93	51.30 0.33 -0.58	36.28 0.11 0.00	40.89 0.05 0.00
TALLMAN__138KV_BK151 55660	40.69 0.96 0.00	40.50 0.78 0.00	37.78 0.73 0.00	37.17 0.76 0.00	35.46 0.79 0.00	36.84 0.84 0.00	47.07 0.91 0.00	49.39 0.91 -0.05	46.96 1.12 -0.01	48.37 1.24 0.00	55.97 1.34 0.00	50.87 1.57 0.74	53.05 1.69 0.00	53.24 1.81 0.00	52.76 2.05 0.00	50.40 2.53 -0.27	44.82 2.38 -2.89	52.62 2.75 -4.56	52.17 2.84 0.00	50.21 2.70 0.00	50.40 2.29 0.00	52.16 1.77 0.00	37.25 1.09 0.00	42.04 1.19 0.00
TEALLAVE_115KV_TB7 355573	39.20 -0.54 0.00	39.15 -0.57 0.00	36.44 -0.60 0.00	35.72 -0.68 0.00	34.02 -0.66 0.00	35.38 -0.63 0.00	45.55 -0.61 0.00	47.86 -0.56 0.00	45.35 -0.49 0.00	46.74 -0.39 0.00	54.40 -0.23 0.00	49.81 -0.23 0.00	51.24 -0.11 0.00	51.40 -0.03 0.00	50.82 0.11 0.00	47.72 0.13 0.00	39.83 0.21 -0.07	46.07 0.17 -0.59	50.48 0.26 -0.88	48.88 0.30 -1.07	49.50 0.23 -1.16	50.78 0.05 -0.35	36.10 -0.06 0.00	40.70 -0.15 0.00
TELGRAPH_34_KV_EAST 80808	39.16 -0.58 0.00	39.32 -0.39 0.00	36.08 -0.96 0.00	35.05 -1.35 0.00	33.24 -1.43 0.00	34.70 -1.30 0.00	45.18 -0.98 0.00	47.70 -0.73 0.00	44.98 -0.85 0.00	46.80 -0.33 0.00	54.92 0.29 0.00	50.53 0.50 0.00	52.54 1.19 0.00	52.68 1.25 0.00	52.34 1.62 0.00	48.74 1.14 0.00	41.04 1.49 0.00	46.30 1.00 0.00	50.68 1.35 0.00	49.13 1.63 0.00	49.48 1.37 0.00	51.33 0.94 0.00	37.05 0.88 0.00	41.82 0.97 0.00

TEMPLE___115KV_TB 2 55572	39.21 -0.52 0.00	39.17 -0.55 0.00	36.44 -0.60 0.00	35.73 -0.67 0.00	34.03 -0.65 0.00	35.39 -0.61 0.00	45.56 -0.61 0.00	47.88 -0.54 0.00	45.36 -0.47 0.00	46.75 -0.38 0.00	54.42 -0.21 0.00	49.84 -0.20 0.00	51.27 -0.08 0.00	51.42 -0.01 0.00	50.85 0.13 0.00	47.76 0.16 0.00	39.85 0.23 -0.06	46.04 0.19 -0.54	50.41 0.27 -0.81	48.81 0.32 -0.98	49.40 0.24 -1.06	50.78 0.07 -0.32	36.12 -0.05 0.00	40.72 -0.13 0.00
TIANA___69_KV_BK 1 55817	42.50 2.77 0.00	42.88 3.17 0.00	39.37 2.33 0.00	38.63 2.23 0.00	36.94 2.26 0.00	38.80 2.79 0.00	48.35 2.19 0.00	50.33 1.85 -0.06	47.50 1.66 -0.01	48.85 1.73 0.00	57.34 2.72 0.00	54.24 3.15 -1.05	53.85 2.50 0.00	53.29 1.86 0.00	51.96 1.25 0.00	30.90 2.08 18.78	35.04 2.06 6.57	48.85 2.51 -1.03	52.64 3.31 0.00	50.37 2.87 0.00	50.51 2.40 0.00	37.21 1.10 14.27	37.93 1.77 0.00	42.90 2.05 0.00
TILDEN___115KV_TB1 80814	39.37 -0.37 0.00	39.31 -0.41 0.00	36.59 -0.46 0.00	35.87 -0.53 0.00	34.16 -0.52 0.00	35.53 -0.48 0.00	45.74 -0.42 0.00	48.07 -0.35 0.00	45.49 -0.35 0.00	46.92 -0.21 0.00	54.60 -0.03 0.00	49.98 -0.05 0.00	51.40 0.04 0.00	51.56 0.13 0.00	51.00 0.29 0.00	47.93 0.33 0.00	40.08 0.39 -0.13	46.92 0.45 -1.16	51.37 0.56 -1.47	49.91 0.63 -1.79	50.57 0.54 -1.93	51.30 0.33 -0.58	36.28 0.11 0.00	40.89 0.05 0.00
TRIGEN___CC 323695	41.41 1.67 0.00	41.39 1.67 0.00	38.35 1.30 0.00	37.68 1.28 0.00	36.01 1.34 0.00	37.55 1.54 0.00	47.56 1.40 0.00	49.74 1.26 -0.06	47.38 1.54 -0.01	48.84 1.71 0.00	56.89 2.26 0.00	53.49 2.41 -1.05	53.53 2.18 0.00	53.44 2.01 0.00	52.59 1.88 0.00	47.23 2.56 2.93	42.54 2.36 -0.62	50.06 2.67 -2.08	52.28 2.95 0.00	50.24 2.74 0.00	50.54 2.43 0.00	49.79 1.71 2.31	37.56 1.40 0.00	42.41 1.57 0.00
TRINITY___115KV___ 4 BK 55933	40.17 0.43 0.00	40.21 0.49 0.00	37.58 0.54 0.00	36.98 0.58 0.00	35.28 0.60 0.00	36.56 0.55 0.00	46.64 0.48 0.00	49.23 0.48 -0.33	46.65 0.77 -0.04	47.66 0.53 0.00	54.43 -0.20 0.00	49.89 -0.14 0.00	51.04 -0.31 0.00	51.26 -0.17 0.00	50.15 -0.56 0.00	47.50 -0.09 0.00	39.34 -0.22 0.00	44.92 -0.39 0.00	48.75 -0.58 0.00	46.94 -0.56 0.00	47.77 -0.34 0.00	49.98 -0.41 0.00	35.91 -0.25 0.00	40.40 -0.45 0.00
UNION___PROCESSING_DRP 323587	39.42 -0.32 0.00	39.49 -0.23 0.00	36.44 -0.60 0.00	35.52 -0.88 0.00	33.76 -0.92 0.00	35.19 -0.81 0.00	45.67 -0.50 0.00	48.15 -0.28 0.00	45.53 -0.30 0.00	47.24 0.11 0.00	55.50 0.87 0.00	51.01 0.98 0.00	52.82 1.47 0.00	53.06 1.63 0.00	52.66 1.95 0.00	49.28 1.69 0.00	41.31 1.76 0.00	46.94 1.63 0.00	51.29 1.95 0.00	49.48 1.98 0.00	49.86 1.75 0.00	51.75 1.36 0.00	37.18 1.02 0.00	41.90 1.06 0.00
UPPER HUDSON___HYD 24058	41.38 1.65 0.00	41.47 1.75 0.00	38.65 1.60 0.00	37.99 1.59 0.00	36.08 1.41 0.00	37.60 1.60 0.00	48.24 2.07 0.00	51.25 2.25 -0.58	48.17 2.26 -0.07	49.26 2.13 0.00	56.13 1.50 0.00	51.11 1.07 0.00	52.36 1.01 0.00	52.37 0.94 0.00	51.24 0.53 0.00	48.44 0.84 0.00	40.50 0.94 0.00	46.45 1.14 0.00	50.94 1.61 0.00	49.21 1.71 0.00	50.14 2.03 0.00	52.51 2.12 0.00	37.52 1.35 0.00	42.17 1.32 0.00
UPPER RAQUET___HYD 24056	40.21 0.48 0.00	40.16 0.44 0.00	37.55 0.51 0.00	36.98 0.58 0.00	35.20 0.53 0.00	36.61 0.61 0.00	47.02 0.86 0.00	49.18 0.76 0.00	46.40 0.56 0.00	47.48 0.35 0.00	55.15 0.52 0.00	50.26 0.22 0.00	51.08 -0.27 0.00	50.98 -0.45 0.00	50.04 -0.67 0.00	46.07 -1.53 0.00	38.19 -1.37 0.00	43.74 -1.57 0.00	47.79 -1.54 0.00	46.09 -1.41 0.00	47.29 -0.82 0.00	50.02 -0.36 0.00	36.37 0.21 0.00	41.42 0.58 0.00
VALLEY44_115KV_TB2 355964	39.40 -0.34 0.00	39.14 -0.58 0.00	36.32 -0.72 0.00	35.45 -0.94 0.00	33.66 -1.01 0.00	34.99 -1.02 0.00	45.51 -0.65 0.00	48.08 -0.34 0.00	45.57 -0.27 0.00	47.44 0.31 0.00	56.07 1.45 0.00	51.14 1.11 0.00	52.66 1.31 0.00	52.76 1.33 0.00	52.21 1.50 0.00	48.47 0.87 0.00	40.93 1.28 -0.09	47.53 1.42 -0.81	51.93 1.64 -0.95	50.56 1.90 -1.15	51.13 1.78 -1.24	51.78 1.02 -0.37	36.94 0.78 0.00	41.77 0.92 0.00
VALLEY___115KV_TB 1-4 80826	40.37 0.63 0.00	40.36 0.64 0.00	37.66 0.62 0.00	37.02 0.62 0.00	35.29 0.61 0.00	36.68 0.67 0.00	46.92 0.76 0.00	49.27 0.85 0.00	46.67 0.83 0.00	47.93 0.80 0.00	55.19 0.56 0.00	50.21 0.18 0.00	51.57 0.22 0.00	51.84 0.41 0.00	51.03 0.32 0.00	48.20 0.61 0.00	40.05 0.49 0.00	45.90 0.59 0.00	49.91 0.58 0.00	48.17 0.67 0.00	48.69 0.59 0.00	50.84 0.45 0.00	36.30 0.14 0.00	40.99 0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.96 1.23 0.00	40.83 1.11 0.00	38.14 1.09 0.00	37.44 1.04 0.00	35.74 1.06 0.00	37.07 1.06 0.00	47.56 1.40 0.00	49.94 1.50 -0.02	47.37 1.53 0.00	48.67 1.54 0.00	56.46 1.83 0.00	51.79 1.76 0.00	53.21 1.85 0.00	53.30 1.87 0.00	52.73 2.02 0.00	49.82 2.22 0.00	41.72 2.02 -0.14	48.92 2.37 -1.25	53.41 2.55 -1.52	51.80 2.46 -1.84	52.35 2.25 -1.99	52.94 1.95 -0.60	37.39 1.23 0.00	42.13 1.28 0.00
VISCHER___FERRY HYD 24020	40.95 1.21 0.00	41.01 1.29 0.00	38.30 1.26 0.00	37.67 1.27 0.00	35.89 1.22 0.00	37.21 1.21 0.00	47.57 1.41 0.00	50.38 1.48 -0.48	47.54 1.64 -0.06	48.60 1.48 0.00	55.43 0.80 0.00	50.77 0.74 0.00	51.97 0.61 0.00	52.20 0.77 0.00	50.97 0.26 0.00	48.24 0.65 0.00	39.89 0.33 0.00	45.67 0.36 0.00	49.64 0.31 0.00	47.82 0.32 0.00	48.76 0.65 0.00	51.07 0.68 0.00	36.62 0.45 0.00	41.21 0.36 0.00
V_A_10_SYNC_DSASP 323832	38.67 -1.07 0.00	38.79 -0.92 0.00	35.70 -1.35 0.00	34.73 -1.67 0.00	32.97 -1.71 0.00	34.36 -1.65 0.00	44.61 -1.56 0.00	47.00 -1.43 0.00	44.38 -1.45 0.00	46.26 -0.87 0.00	54.50 -0.12 0.00	50.09 0.06 0.00	51.98 0.62 0.00	52.10 0.67 0.00	51.73 1.01 0.00	48.31 0.71 0.00	40.55 1.00 0.00	45.87 0.57 0.00	50.03 0.69 0.00	48.30 0.80 0.00	48.66 0.55 0.00	50.52 0.14 0.00	36.49 0.33 0.00	41.24 0.39 0.00
V_CMM_10_SYNC_DSASP 323787	39.81 0.07 0.00	39.83 0.11 0.00	37.20 0.16 0.00	36.61 0.20 0.00	34.84 0.17 0.00	36.21 0.20 0.00	46.33 0.16 0.00	48.61 0.19 0.00	45.95 0.11 0.00	47.26 0.13 0.00	54.78 0.15 0.00	50.06 0.03 0.00	51.19 -0.17 0.00	51.12 -0.31 0.00	50.24 -0.47 0.00	46.74 -0.86 0.00	38.84 -0.71 0.00	44.48 -0.83 0.00	48.45 -0.88 0.00	46.64 -0.86 0.00	47.49 -0.62 0.00	49.98 -0.40 0.00	36.19 0.03 0.00	41.03 0.18 0.00
V_CMP_10_SYNC_DSASP 323788	40.91 1.17 0.00	40.77 1.05 0.00	38.00 0.95 0.00	37.41 1.01 0.00	35.59 0.91 0.00	36.95 0.95 0.00	47.34 1.17 0.00	49.66 1.24 0.00	46.97 1.13 0.00	48.05 0.92 0.00	55.50 0.87 0.00	50.43 0.40 0.00	51.18 -0.17 0.00	50.68 -0.75 0.00	49.60 -1.11 0.00	45.99 -1.61 0.00	38.33 -1.23 0.00	43.95 -1.36 0.00	47.96 -1.38 0.00	46.23 -1.27 0.00	47.02 -1.09 0.00	49.81 -0.57 0.00	36.37 0.21 0.00	41.66 0.81 0.00

V_D_10_SYNC_DSASP 323841	40.08 0.34 0.00	40.05 0.34 0.00	37.42 0.38 0.00	36.85 0.45 0.00	35.07 0.39 0.00	36.45 0.45 0.00	46.71 0.54 0.00	48.95 0.52 0.00	46.24 0.40 0.00	47.52 0.40 0.00	55.10 0.47 0.00	50.32 0.28 0.00	51.43 0.07 0.00	51.34 -0.09 0.00	50.45 -0.26 0.00	46.87 -0.73 0.00	38.92 -0.63 0.00	44.61 -0.70 0.00	48.65 -0.68 0.00	46.82 -0.68 0.00	47.69 -0.42 0.00	50.24 -0.15 0.00	36.38 0.21 0.00	41.27 0.43 0.00
V_E_10_SYNC_DSASP 323830	42.40 2.66 0.00	42.25 2.54 0.00	39.28 2.24 0.00	38.54 2.14 0.00	36.62 1.95 0.00	38.26 2.26 0.00	49.62 3.45 0.00	52.04 3.60 -0.01	49.11 3.27 0.00	50.07 2.94 0.00	58.65 4.03 0.00	53.82 3.79 0.00	55.27 3.92 0.00	55.33 3.90 0.00	54.65 3.94 0.00	51.57 3.97 0.00	43.58 3.79 -0.24	51.98 4.61 -2.05	57.30 5.47 -2.50	56.35 5.81 -3.03	57.01 5.63 -3.27	56.47 5.11 -0.98	39.35 3.19 0.00	44.06 3.21 0.00
V_F_30_NSYNC___DSASP 323816	41.46 1.72 0.00	41.48 1.76 0.00	38.70 1.66 0.00	38.03 1.63 0.00	36.23 1.55 0.00	37.63 1.63 0.00	48.22 2.06 0.00	51.17 2.18 -0.56	48.08 2.18 -0.07	49.24 2.11 0.00	56.44 1.81 0.00	51.56 1.53 0.00	52.86 1.50 0.00	52.99 1.57 0.00	51.90 1.18 0.00	49.06 1.46 0.00	40.79 1.24 0.00	46.76 1.45 0.00	50.98 1.65 0.00	49.18 1.68 0.00	49.99 1.88 0.00	52.25 1.86 0.00	37.39 1.22 0.00	42.09 1.24 0.00
V_F_30_SYNC_DSASP 323786	40.37 0.63 0.00	40.40 0.68 0.00	37.76 0.71 0.00	37.15 0.75 0.00	35.44 0.76 0.00	36.73 0.73 0.00	46.88 0.71 0.00	49.53 0.75 -0.35	46.90 1.02 -0.05	47.91 0.78 0.00	54.78 0.15 0.00	50.19 0.16 0.00	51.36 0.01 0.00	51.60 0.17 0.00	50.49 -0.22 0.00	47.84 0.24 0.00	39.63 0.08 0.00	45.26 -0.05 0.00	49.11 -0.23 0.00	47.29 -0.22 0.00	48.10 -0.01 0.00	50.27 -0.11 0.00	36.11 -0.05 0.00	40.61 -0.24 0.00
V_XM_10_SYNC_DSASP 323789	40.91 1.17 0.00	40.77 1.05 0.00	38.00 0.95 0.00	37.41 1.01 0.00	35.59 0.91 0.00	36.95 0.95 0.00	47.34 1.17 0.00	49.66 1.24 0.00	46.97 1.13 0.00	48.05 0.92 0.00	55.50 0.87 0.00	50.43 0.40 0.00	51.18 -0.17 0.00	50.68 -0.75 0.00	49.60 -1.11 0.00	45.99 -1.61 0.00	38.33 -1.23 0.00	43.95 -1.36 0.00	47.96 -1.38 0.00	46.23 -1.27 0.00	47.02 -1.09 0.00	49.81 -0.57 0.00	36.37 0.21 0.00	41.66 0.81 0.00
W.BABYLN_69_KV_BK1 56697	42.17 2.43 0.00	42.27 2.55 0.00	39.02 1.97 0.00	38.30 1.89 0.00	36.61 1.93 0.00	38.28 2.28 0.00	48.22 2.05 0.00	50.24 1.76 -0.06	47.81 1.97 -0.01	49.29 2.16 0.00	57.74 3.12 0.00	54.48 3.39 -1.05	54.30 2.95 0.00	54.05 2.62 0.00	52.89 2.17 0.00	34.04 2.86 16.42	36.71 2.65 5.50	49.56 3.09 -1.16	52.90 3.57 0.00	50.84 3.34 0.00	51.17 3.06 0.00	40.12 2.23 12.49	38.19 2.03 0.00	43.08 2.24 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.87 1.13 0.00	40.68 0.96 0.00	37.95 0.91 0.00	37.32 0.92 0.00	35.62 0.95 0.00	37.02 1.01 0.00	47.30 1.14 0.00	49.60 1.13 -0.05	47.18 1.33 -0.01	48.59 1.46 0.00	56.22 1.59 0.00	51.07 1.78 0.74	53.23 1.88 0.00	53.42 1.99 0.00	52.92 2.21 0.00	50.54 2.72 -0.22	44.40 2.55 -2.30	51.97 2.93 -3.73	52.37 3.03 0.00	50.39 2.89 0.00	50.57 2.46 0.00	52.33 1.94 0.00	37.39 1.22 0.00	42.21 1.36 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	41.16 1.42 0.00	40.97 1.25 0.00	38.16 1.11 0.00	37.54 1.13 0.00	35.82 1.15 0.00	37.25 1.24 0.00	47.65 1.49 0.00	50.03 1.55 -0.06	47.67 1.83 -0.01	49.11 1.98 0.00	56.63 2.00 0.00	53.07 2.06 -0.98	53.55 2.19 0.00	53.53 2.10 0.00	53.11 2.40 0.00	50.81 3.08 -0.13	44.38 2.80 -2.02	50.98 3.20 -2.47	52.55 3.22 0.00	50.59 3.08 0.00	50.73 2.62 0.00	52.43 2.04 0.00	37.48 1.31 0.00	42.36 1.52 0.00
W50THST__13_KV_LOAD 356117	41.32 1.58 0.00	41.12 1.40 0.00	38.30 1.25 0.00	37.66 1.26 0.00	35.96 1.28 0.00	37.41 1.40 0.00	47.87 1.71 0.00	50.32 1.84 -0.06	47.99 2.14 -0.01	49.45 2.32 0.00	57.03 2.40 0.00	53.43 2.42 -0.98	53.93 2.57 0.00	53.92 2.49 0.00	53.51 2.80 0.00	51.19 3.46 -0.13	44.70 3.13 -2.02	51.36 3.58 -2.47	52.90 3.57 0.00	50.91 3.40 0.00	51.00 2.89 0.00	52.69 2.30 0.00	37.68 1.51 0.00	42.57 1.73 0.00
WADING RIVER_IC_1 23522	42.02 2.29 0.00	42.47 2.75 0.00	38.96 1.91 0.00	38.22 1.82 0.00	36.56 1.89 0.00	38.44 2.43 0.00	47.72 1.56 0.00	49.63 1.15 -0.06	46.72 0.87 -0.01	48.08 0.95 0.00	56.45 1.82 0.00	53.41 2.31 -1.06	53.04 1.68 0.00	52.60 1.16 0.00	51.27 0.56 0.00	30.16 1.34 18.79	34.48 1.50 6.58	48.14 1.80 -1.03	51.98 2.65 0.00	49.81 2.31 0.00	50.00 1.89 0.00	36.60 0.50 14.28	37.56 1.40 0.00	42.42 1.58 0.00
WADING RIVER_IC_2 23547	42.02 2.29 0.00	42.47 2.75 0.00	38.96 1.91 0.00	38.22 1.82 0.00	36.56 1.89 0.00	38.44 2.43 0.00	47.72 1.56 0.00	49.63 1.15 -0.06	46.72 0.87 -0.01	48.08 0.95 0.00	56.45 1.82 0.00	53.41 2.31 -1.06	53.04 1.68 0.00	52.60 1.16 0.00	51.27 0.56 0.00	30.16 1.34 18.79	34.48 1.50 6.58	48.14 1.80 -1.03	51.98 2.65 0.00	49.81 2.31 0.00	50.00 1.89 0.00	36.60 0.50 14.28	37.56 1.40 0.00	42.42 1.58 0.00
WADING RIVER_IC_3 23601	42.02 2.29 0.00	42.47 2.75 0.00	38.96 1.91 0.00	38.22 1.82 0.00	36.56 1.89 0.00	38.44 2.43 0.00	47.72 1.56 0.00	49.63 1.15 -0.06	46.72 0.87 -0.01	48.08 0.95 0.00	56.45 1.82 0.00	53.41 2.31 -1.06	53.04 1.68 0.00	52.60 1.16 0.00	51.27 0.56 0.00	30.16 1.34 18.79	34.48 1.50 6.58	48.14 1.80 -1.03	51.98 2.65 0.00	49.81 2.31 0.00	50.00 1.89 0.00	36.60 0.50 14.28	37.56 1.40 0.00	42.42 1.58 0.00
WALDENNY_12_KV_BK2 80841	39.10 -0.63 0.00	39.17 -0.55 0.00	35.94 -1.10 0.00	34.89 -1.51 0.00	33.06 -1.62 0.00	34.47 -1.54 0.00	44.92 -1.25 0.00	47.39 -1.04 0.00	44.87 -0.96 0.00	46.93 -0.20 0.00	55.40 0.77 0.00	51.00 0.97 0.00	53.09 1.74 0.00	53.16 1.73 0.00	52.85 2.13 0.00	49.27 1.68 0.00	41.46 1.86 -0.05	47.17 1.44 -0.42	51.52 1.72 -0.47	49.99 1.92 -0.57	50.39 1.67 -0.61	51.82 1.25 -0.18	37.27 1.11 0.00	42.08 1.24 0.00
WALDEN___HYDRO 24148	40.88 1.14 0.00	40.72 1.00 0.00	37.98 0.93 0.00	37.36 0.95 0.00	35.64 0.96 0.00	37.02 1.01 0.00	47.36 1.19 0.00	49.69 1.21 -0.06	47.22 1.38 -0.01	48.64 1.52 0.00	56.22 1.60 0.00	51.55 1.69 0.17	53.06 1.70 0.00	53.12 1.69 0.00	52.61 1.90 0.00	50.10 2.44 -0.06	42.54 2.33 -0.66	49.20 2.71 -1.18	52.19 2.86 0.00	50.24 2.74 0.00	50.43 2.33 0.00	52.23 1.84 0.00	37.32 1.16 0.00	42.10 1.25 0.00
WARRENSBURG____ 23737	41.38 1.65 0.00	41.47 1.76 0.00	38.65 1.60 0.00	37.99 1.59 0.00	36.08 1.40 0.00	37.60 1.60 0.00	48.24 2.07 0.00	51.25 2.25 -0.58	48.17 2.26 -0.07	49.26 2.13 0.00	56.13 1.50 0.00	51.11 1.07 0.00	52.36 1.01 0.00	52.37 0.94 0.00	51.25 0.54 0.00	48.44 0.84 0.00	40.50 0.94 0.00	46.45 1.14 0.00	50.94 1.61 0.00	49.21 1.71 0.00	50.14 2.04 0.00	52.51 2.12 0.00	37.52 1.35 0.00	42.17 1.32 0.00

WATERSIDE___6 8 9 23538	41.26 1.52 0.00	41.04 1.32 0.00	38.18 1.14 0.00	37.54 1.14 0.00	35.84 1.16 0.00	37.28 1.27 0.00	47.65 1.48 0.00	49.99 1.51 -0.06	47.67 1.83 -0.01	49.05 1.92 0.00	56.43 1.81 0.00	52.92 1.91 -0.98	53.32 1.96 0.00	53.38 1.95 0.00	52.88 2.17 0.00	50.62 2.89 -0.13	44.26 2.68 -2.02	50.77 3.00 -2.47	52.29 2.96 0.00	50.38 2.88 0.00	50.47 2.37 0.00	52.23 1.84 0.00	37.45 1.29 0.00	42.34 1.49 0.00
WATKINRD_115KV_LN8_ILLION 55919	40.15 0.41 0.00	40.14 0.42 0.00	37.45 0.41 0.00	36.81 0.41 0.00	35.09 0.42 0.00	36.45 0.44 0.00	46.68 0.51 0.00	48.98 0.56 0.00	46.39 0.55 0.00	47.64 0.51 0.00	54.97 0.34 0.00	50.10 0.07 0.00	51.45 0.09 0.00	51.65 0.23 0.00	50.87 0.16 0.00	47.99 0.39 0.00	39.89 0.33 0.00	45.71 0.40 0.00	49.72 0.39 0.00	47.96 0.45 0.00	48.52 0.41 0.00	50.67 0.28 0.00	36.23 0.07 0.00	40.90 0.05 0.00
WDELAWARE___HYD 323627	40.20 0.46 0.00	40.13 0.41 0.00	37.44 0.39 0.00	36.81 0.41 0.00	35.12 0.45 0.00	36.48 0.48 0.00	46.71 0.55 0.00	49.06 0.57 -0.06	46.63 0.79 -0.01	48.05 0.92 0.00	55.55 0.93 0.00	50.93 1.03 0.13	52.22 0.86 0.00	52.23 0.80 0.00	51.80 1.09 0.00	49.41 1.81 0.00	41.40 1.87 0.02	47.86 2.26 -0.29	52.05 2.33 -0.39	50.19 2.22 -0.47	50.42 1.80 -0.51	51.82 1.28 -0.15	36.90 0.74 0.00	41.58 0.73 0.00
WEST BABYLON___IC 23714	42.17 2.43 0.00	42.27 2.55 0.00	39.02 1.97 0.00	38.30 1.89 0.00	36.61 1.93 0.00	38.28 2.28 0.00	48.22 2.05 0.00	50.24 1.76 -0.06	47.81 1.97 -0.01	49.29 2.16 0.00	57.74 3.12 0.00	54.48 3.39 -1.05	54.30 2.95 0.00	54.05 2.62 0.00	52.89 2.17 0.00	34.04 2.86 16.42	36.71 2.65 5.50	49.56 3.09 -1.16	52.90 3.57 0.00	50.84 3.34 0.00	51.17 3.06 0.00	40.12 2.23 12.49	38.19 2.03 0.00	43.08 2.24 0.00
WEST CANADA___HYD 24049	39.83 0.10 0.00	39.81 0.09 0.00	37.14 0.10 0.00	36.51 0.10 0.00	34.78 0.10 0.00	36.11 0.10 0.00	46.26 0.09 0.00	48.52 0.10 0.00	45.93 0.09 0.00	47.19 0.06 0.00	54.66 0.03 0.00	50.04 0.00 0.00	51.40 0.05 0.00	51.48 0.05 0.00	50.77 0.05 0.00	47.77 0.18 0.00	39.73 0.18 0.00	45.52 0.20 0.00	49.53 0.20 0.00	47.74 0.24 0.00	48.27 0.16 0.00	50.46 0.07 0.00	36.16 0.00 0.00	40.84 -0.01 0.00
WESTERN_NY_WIND 24143	40.02 0.28 0.00	40.15 0.43 0.00	36.86 -0.18 0.00	35.80 -0.60 0.00	33.99 -0.69 0.00	35.50 -0.50 0.00	46.29 0.13 0.00	48.94 0.52 0.00	46.21 0.37 0.00	47.88 0.75 0.00	55.85 1.22 0.00	51.52 1.49 0.00	53.50 2.15 0.00	53.55 2.12 0.00	53.47 2.76 0.00	49.61 2.02 0.00	41.96 2.40 0.00	47.37 2.06 0.00	52.10 2.77 0.00	50.74 3.24 0.00	51.12 3.01 0.00	52.95 2.56 0.00	38.07 1.91 0.00	42.86 2.02 0.00
WESTOVER___LESR 323668	39.67 -0.06 0.00	39.56 -0.16 0.00	36.86 -0.18 0.00	36.14 -0.26 0.00	34.39 -0.29 0.00	35.68 -0.32 0.00	45.99 -0.17 0.00	48.33 -0.11 -0.01	45.86 0.03 0.00	47.26 0.13 0.00	55.07 0.44 0.00	50.47 0.44 0.00	52.01 0.65 0.00	52.01 0.58 0.00	51.42 0.71 0.00	48.36 0.76 0.00	40.71 0.90 -0.25	48.68 1.18 -2.19	53.37 1.35 -2.69	52.24 1.48 -3.26	52.95 1.33 -3.51	52.35 0.91 -1.06	36.57 0.41 0.00	41.25 0.41 0.00
WETHRSFD_WT_PWR 323626	36.45 -1.08 2.21	35.75 -1.11 2.87	33.07 -1.49 2.49	33.66 -1.90 0.85	31.56 -2.20 0.92	32.47 -2.20 1.34	41.38 -2.16 2.63	43.02 -1.94 3.46	42.60 -1.78 1.46	42.57 -1.02 3.54	50.37 -0.24 4.02	49.66 0.02 0.39	51.52 0.62 0.45	51.74 0.31 0.00	51.30 0.59 0.00	47.88 0.29 0.00	38.41 0.76 1.91	46.57 0.51 -0.76	50.91 1.10 -0.47	47.56 1.58 1.53	49.48 1.51 0.14	51.27 1.11 0.23	35.44 0.85 1.57	40.21 0.97 1.61
WHAVSTOR_138KV_BK127 55557	40.69 0.95 0.00	40.50 0.78 0.00	37.79 0.75 0.00	37.17 0.77 0.00	35.47 0.80 0.00	36.85 0.85 0.00	47.07 0.91 0.00	49.36 0.89 -0.05	46.94 1.10 -0.01	48.33 1.20 0.00	55.89 1.26 0.00	50.76 1.46 0.73	52.94 1.59 0.00	53.07 1.64 0.00	52.57 1.86 0.00	50.20 2.39 -0.21	44.00 2.25 -2.20	51.47 2.58 -3.59	51.98 2.65 0.00	50.05 2.54 0.00	50.24 2.13 0.00	52.00 1.61 0.00	37.17 1.01 0.00	41.99 1.14 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.69 0.95 0.00	40.50 0.78 0.00	37.79 0.75 0.00	37.17 0.77 0.00	35.47 0.80 0.00	36.85 0.85 0.00	47.07 0.91 0.00	49.36 0.89 -0.05	46.94 1.10 -0.01	48.33 1.20 0.00	55.89 1.26 0.00	50.76 1.46 0.73	52.94 1.59 0.00	53.07 1.64 0.00	52.57 1.86 0.00	50.20 2.39 -0.21	44.00 2.25 -2.20	51.47 2.58 -3.59	51.98 2.65 0.00	50.05 2.54 0.00	50.24 2.13 0.00	52.00 1.61 0.00	37.17 1.01 0.00	41.99 1.14 0.00
WHITEHAL_115KV_TB1 80871	43.03 3.29 0.00	42.69 2.97 0.00	39.64 2.60 0.00	39.00 2.60 0.00	37.07 2.39 0.00	38.49 2.49 0.00	49.57 3.41 0.00	52.66 3.66 -0.57	49.57 3.66 -0.07	50.55 3.42 0.00	57.04 2.41 0.00	52.31 2.28 0.00	53.55 2.19 0.00	53.40 1.97 0.00	51.93 1.22 0.00	49.04 1.44 0.00	41.73 2.18 0.00	47.67 2.36 0.00	52.18 2.85 0.00	50.58 3.08 0.00	51.28 3.17 0.00	54.22 3.84 0.00	38.73 2.56 0.00	43.56 2.72 0.00
WHITEPLN_13_KV_LOAD 356215	41.47 1.73 0.00	41.28 1.56 0.00	38.44 1.40 0.00	37.79 1.39 0.00	36.07 1.40 0.00	37.51 1.51 0.00	48.01 1.84 0.00	50.41 1.93 -0.06	47.99 2.15 -0.01	49.43 2.30 0.00	57.12 2.49 0.00	53.62 2.52 -1.06	53.99 2.63 0.00	54.03 2.60 0.00	53.50 2.80 0.00	51.12 3.38 -0.13	44.74 3.08 -2.10	51.35 3.52 -2.53	52.97 3.64 0.00	50.92 3.41 0.00	51.08 2.98 0.00	52.78 2.40 0.00	37.75 1.58 0.00	42.62 1.78 0.00
WM_FLOYD_69_KV_BK2 356380	42.10 2.37 0.00	42.42 2.70 0.00	39.00 1.95 0.00	38.26 1.86 0.00	36.59 1.92 0.00	38.40 2.39 0.00	47.95 1.79 0.00	49.93 1.45 -0.06	47.20 1.35 -0.01	48.57 1.44 0.00	57.03 2.40 0.00	53.91 2.82 -1.05	53.60 2.25 0.00	53.14 1.71 0.00	51.85 1.14 0.00	30.80 1.94 18.74	34.94 1.93 6.55	48.63 2.28 -1.04	52.31 2.98 0.00	50.16 2.65 0.00	50.36 2.26 0.00	37.26 1.11 14.24	37.81 1.65 0.00	42.69 1.84 0.00
WOODARD___115KV_TB2 355635	39.13 -0.60 0.00	39.09 -0.63 0.00	36.38 -0.67 0.00	35.67 -0.73 0.00	33.98 -0.69 0.00	35.32 -0.68 0.00	45.25 -0.92 0.00	47.51 -0.91 0.00	45.00 -0.83 0.00	46.36 -0.77 0.00	53.92 -0.70 0.00	49.40 -0.64 0.00	50.81 -0.54 0.00	50.95 -0.48 0.00	50.36 -0.35 0.00	47.30 -0.30 0.00	39.58 -0.06 -0.08	45.75 -0.17 -0.61	51.22 0.16 -1.73	49.79 0.20 -2.09	50.47 0.11 -2.26	50.98 -0.08 -0.68	36.00 -0.16 0.00	40.58 -0.27 0.00
YORK___WARBASSE 23770	41.43 1.70 0.00	41.19 1.47 0.00	38.23 1.19 0.00	37.58 1.18 0.00	35.88 1.20 0.00	37.30 1.29 0.00	47.69 1.53 0.00	50.08 1.60 -0.06	47.76 1.92 -0.01	49.13 2.00 0.00	56.54 1.92 0.00	53.06 2.05 -0.98	53.53 2.18 0.00	53.58 2.16 0.00	53.03 2.32 0.00	50.80 3.07 -0.13	44.41 2.83 -2.02	50.88 3.10 -2.47	52.46 3.13 0.00	50.61 3.11 0.00	50.73 2.63 0.00	52.53 2.15 0.00	37.59 1.43 0.00	42.45 1.61 0.00