

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

08/06/2024

ALBANY___2 23572	33.00 0.55 0.00	30.52 0.54 0.00	27.04 0.45 0.00	25.41 0.47 0.00	25.11 0.52 0.00	26.16 0.46 0.00	28.96 0.46 0.00	32.29 0.48 0.00	34.70 0.58 -0.03	36.15 0.57 -0.01	36.24 0.43 0.00	37.01 0.69 0.00	37.13 0.76 0.00	38.93 0.80 0.00	39.17 0.88 0.00	41.44 1.05 0.00	42.36 0.99 0.00	47.33 1.24 0.00	45.96 1.21 0.00	39.16 0.99 0.00	39.02 0.95 0.00	35.65 0.56 0.00	32.21 0.51 0.00	30.62 0.48 0.00
ALBANY___3 23573	33.00 0.55 0.00	30.52 0.54 0.00	27.04 0.45 0.00	25.41 0.47 0.00	25.11 0.52 0.00	26.16 0.46 0.00	28.96 0.46 0.00	32.29 0.48 0.00	34.70 0.58 -0.03	36.15 0.57 -0.01	36.24 0.43 0.00	37.01 0.69 0.00	37.13 0.76 0.00	38.93 0.80 0.00	39.17 0.88 0.00	41.44 1.05 0.00	42.36 0.99 0.00	47.33 1.24 0.00	45.96 1.21 0.00	39.16 0.99 0.00	39.02 0.95 0.00	35.65 0.56 0.00	32.21 0.51 0.00	30.62 0.48 0.00
ALBANY___4 23574	33.00 0.55 0.00	30.52 0.54 0.00	27.04 0.45 0.00	25.41 0.47 0.00	25.11 0.52 0.00	26.16 0.46 0.00	28.96 0.46 0.00	32.29 0.48 0.00	34.70 0.58 -0.03	36.15 0.57 -0.01	36.24 0.43 0.00	37.01 0.69 0.00	37.13 0.76 0.00	38.93 0.80 0.00	39.17 0.88 0.00	41.44 1.05 0.00	42.36 0.99 0.00	47.33 1.24 0.00	45.96 1.21 0.00	39.16 0.99 0.00	39.02 0.95 0.00	35.65 0.56 0.00	32.21 0.51 0.00	30.62 0.48 0.00
ALBANY___LFGE 323615	33.39 0.94 0.00	30.88 0.90 0.00	27.33 0.74 0.00	25.69 0.75 0.00	25.38 0.79 0.00	26.45 0.75 0.00	29.31 0.80 0.00	32.67 0.86 0.00	35.14 1.02 -0.03	36.61 1.03 -0.01	36.74 0.93 0.00	37.52 1.20 0.00	37.56 1.20 0.00	39.38 1.26 0.00	39.63 1.34 0.00	41.93 1.53 0.00	42.90 1.53 0.00	47.94 1.85 0.00	46.50 1.74 0.00	39.62 1.45 0.00	39.55 1.48 0.00	36.07 0.98 0.00	32.56 0.86 0.00	30.95 0.81 0.00
ALCOA_PA_115KV_PL-6C 55860	32.06 -0.39 0.00	29.74 -0.24 0.00	26.37 -0.21 0.00	24.71 -0.22 0.00	24.40 -0.20 0.00	25.57 -0.13 0.00	28.39 -0.11 0.00	31.72 -0.10 0.00	33.92 -0.17 0.00	35.39 -0.18 0.00	35.49 -0.32 0.00	35.67 -0.65 0.00	35.45 -0.91 0.00	37.17 -0.95 0.00	37.18 -1.11 0.00	38.74 -1.66 0.00	39.67 -1.70 0.00	44.02 -2.07 0.00	42.87 -1.88 0.00	37.18 -0.99 0.00	37.31 -0.76 0.00	34.63 -0.46 0.00	31.23 -0.48 0.00	29.77 -0.36 0.00
ALCOA_RYNLDS___DRP 24188	32.06 -0.39 0.00	29.74 -0.24 0.00	26.37 -0.21 0.00	24.71 -0.22 0.00	24.40 -0.20 0.00	25.57 -0.13 0.00	28.39 -0.11 0.00	31.72 -0.10 0.00	33.92 -0.17 0.00	35.39 -0.18 0.00	35.49 -0.32 0.00	35.67 -0.65 0.00	35.45 -0.91 0.00	37.17 -0.95 0.00	37.18 -1.11 0.00	38.74 -1.66 0.00	39.67 -1.70 0.00	44.02 -2.07 0.00	42.87 -1.88 0.00	37.18 -0.99 0.00	37.31 -0.76 0.00	34.63 -0.46 0.00	31.23 -0.48 0.00	29.77 -0.36 0.00
ALCOA___DSASP 323711	32.06 -0.39 0.00	29.74 -0.24 0.00	26.37 -0.21 0.00	24.71 -0.22 0.00	24.40 -0.20 0.00	25.57 -0.13 0.00	28.39 -0.11 0.00	31.72 -0.10 0.00	33.92 -0.17 0.00	35.39 -0.18 0.00	35.49 -0.32 0.00	35.60 -0.73 0.00	35.46 -0.91 0.00	37.14 -0.99 0.00	37.18 -1.11 0.00	38.82 -1.58 0.00	39.63 -1.74 0.00	43.88 -2.21 0.00	42.83 -1.92 0.00	37.18 -0.99 0.00	37.00 -1.07 0.00	34.63 -0.46 0.00	31.23 -0.47 0.00	29.77 -0.36 0.00
ALLEGHENY___COGEN 23514	34.01 1.56 0.00	31.09 1.11 0.00	27.65 1.06 0.00	25.83 0.90 0.00	25.41 0.81 0.00	26.83 1.13 0.00	29.73 1.23 0.00	32.77 0.95 0.00	34.43 0.34 0.00	35.53 -0.04 0.01	36.07 0.25 0.00	36.90 0.58 0.00	36.80 0.44 0.00	38.43 0.30 0.00	38.52 0.23 0.00	40.76 0.36 0.00	42.19 0.83 0.00	47.15 1.06 0.00	46.32 1.57 0.00	39.58 1.41 0.00	39.78 1.71 0.00	36.56 1.47 0.00	32.65 0.95 0.00	31.01 0.87 0.00
ALTAMONT_115KV_TB 2 55880	33.39 0.94 0.00	30.85 0.87 0.00	27.33 0.74 0.00	25.66 0.72 0.00	25.33 0.74 0.00	26.42 0.72 0.00	29.28 0.77 0.00	32.67 0.86 0.00	35.07 0.95 -0.03	36.54 0.96 -0.01	36.67 0.86 0.00	37.41 1.09 0.00	37.53 1.16 0.00	39.35 1.22 0.00	39.59 1.30 0.00	41.89 1.49 0.00	42.81 1.45 0.00	47.80 1.71 0.00	46.45 1.70 0.00	39.58 1.41 0.00	39.44 1.37 0.00	36.10 1.02 0.00	32.62 0.92 0.00	31.01 0.87 0.00
ALTONA_WT_PWR 323606	33.10 0.65 0.00	30.76 0.78 0.00	27.28 0.69 0.00	25.54 0.60 0.00	25.18 0.59 0.00	26.47 0.77 0.00	29.48 0.97 0.00	32.89 1.08 0.00	35.21 1.12 0.00	36.74 1.17 0.00	36.89 1.07 0.00	37.05 0.73 0.00	36.87 0.51 0.00	38.62 0.49 0.00	38.44 0.15 0.00	40.56 0.16 0.00	41.53 0.17 0.00	45.77 -0.32 0.00	44.93 0.18 0.00	38.59 0.42 0.00	38.64 0.57 0.00	35.96 0.88 0.00	32.30 0.60 0.00	30.71 0.57 0.00
AMERICAN_REF_FUEL 24010	31.67 -0.78 0.00	28.81 -1.17 0.00	25.81 -0.77 0.00	24.14 -0.80 0.00	23.71 -0.88 0.00	25.01 -0.69 0.00	27.48 -1.03 0.00	30.00 -1.81 0.00	31.84 -2.25 0.00	33.25 -2.31 0.01	34.17 -1.65 0.00	35.05 -1.27 0.00	34.98 -1.38 0.00	36.68 -1.45 0.00	36.53 -1.76 0.00	38.50 -1.90 0.00	39.96 -1.41 0.00	44.16 -1.93 0.00	43.10 -1.65 0.00	36.45 -1.72 0.00	36.32 -1.75 0.00	33.54 -1.54 0.00	30.05 -1.65 0.00	28.99 -1.15 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.13 0.68 0.00	30.10 0.12 0.00	26.99 0.40 0.00	25.24 0.30 0.00	24.77 0.17 0.00	26.11 0.41 0.00	28.88 0.37 0.00	31.88 0.06 0.00	33.75 -0.34 0.00	35.31 -0.25 0.01	36.46 0.65 0.00	37.52 1.20 0.00	37.42 1.06 0.00	39.24 1.11 0.00	39.06 0.77 0.00	41.12 0.73 0.00	42.48 1.12 0.00	46.92 0.83 0.00	45.74 0.98 0.00	38.51 0.34 0.00	38.26 0.19 0.00	35.12 0.04 0.00	31.45 -0.25 0.00	30.07 -0.06 0.00
ARTHUR KILL_GT_1 23520	35.13 2.66 -0.02	32.48 2.49 -0.01	28.66 2.08 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.47 1.77 0.00	30.47 1.97 0.00	34.45 2.64 0.00	51.39 2.96 -14.33	38.77 3.13 -0.07	40.58 3.19 -1.57	43.52 3.78 -3.42	45.66 4.04 -5.26	71.01 4.23 -28.65	71.13 4.40 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.42 5.25 -75.08	68.03 4.97 -18.31	67.47 4.12 -25.18	100.29 4.00 -58.23	59.61 3.33 -21.19	34.89 3.07 -0.11	40.92 2.80 -7.98
ARTHUR_KILL_2 23512	35.00 2.53 -0.02	32.36 2.37 -0.01	28.55 1.97 0.00	26.68 1.75 0.00	26.27 1.67 0.00	27.37 1.67 0.00	30.39 1.88 0.00	34.32 2.51 0.00	51.25 2.83 -14.33	38.62 2.99 -0.07	40.43 3.04 -1.57	43.38 3.63 -3.42	45.47 3.85 -5.26	70.81 4.04 -28.65	70.94 4.21 -28.44	80.30 4.68 -35.22	67.26 4.71 -21.19	126.19 5.02 -75.08	67.80 4.74 -18.31	67.28 3.93 -25.18	100.07 3.77 -58.23	59.46 3.19 -21.19	34.77 2.95 -0.11	40.79 2.68 -7.98
ARTHUR_KILL_3 23513	34.82 2.37 -0.01	32.14 2.16 0.00	28.37 1.78 0.00	26.56 1.62 0.00	26.15 1.55 0.00	27.35 1.65 0.00	30.39 1.88 0.00	34.23 2.42 0.00	43.19 2.73 -6.37	38.51 2.88 -0.07	40.31 2.97 -1.53	42.63 3.45 -2.86	43.19 3.60 -3.23	43.38 3.81 -1.44	43.63 3.91 -1.44	44.73 4.32 -0.02	45.63 4.26 0.00	50.70 4.61 0.00	49.05 4.30 0.00	43.38 3.55 -1.66	43.38 3.43 -1.88	43.38 2.84 -5.45	34.51 2.76 -0.05	36.72 2.50 -4.08

ARTHUR_KILL_COGEN 323718	35.13 2.66 -0.02	32.48 2.49 -0.01	28.66 2.08 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.47 1.77 0.00	30.47 1.97 0.00	34.45 2.64 0.00	51.39 2.96 -14.33	38.77 3.13 -0.07	40.58 3.19 -1.57	43.52 3.78 -3.42	45.66 4.04 -5.26	71.01 4.23 -28.65	71.13 4.40 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.42 5.25 -75.08	68.03 4.97 -18.31	67.47 4.12 -25.18	100.29 4.00 -58.23	59.61 3.33 -21.19	34.89 3.07 -0.11	40.92 2.80 -7.98
ASHOKAN____ 23654	34.30 1.85 0.00	31.66 1.68 0.00	28.02 1.43 0.00	26.36 1.42 0.00	26.00 1.40 0.00	27.03 1.34 0.00	29.96 1.45 0.00	33.05 1.24 0.00	36.12 2.01 -0.01	36.93 1.35 -0.01	37.03 1.22 0.00	37.70 1.38 0.00	37.85 1.49 0.00	39.80 1.68 0.00	40.16 1.88 0.00	42.49 2.10 0.00	43.51 2.15 0.00	48.72 2.63 0.00	47.30 2.55 0.00	40.27 2.10 0.00	40.32 2.25 0.00	36.52 1.44 0.00	33.07 1.36 0.00	31.46 1.32 0.00
ASTORIA_EAST_ENERGY_CC1 323581	35.14 2.69 0.00	32.54 2.55 -0.01	28.63 2.05 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.50 1.80 0.00	30.56 2.05 0.00	34.42 2.61 0.00	37.11 2.86 -0.15	38.65 3.02 -0.06	40.50 3.15 -1.54	42.34 3.67 -2.35	41.76 3.82 -1.58	42.43 4.04 -0.27	43.03 4.10 -0.64	44.88 4.48 -0.01	45.87 4.51 0.00	50.88 4.79 0.00	49.27 4.52 0.00	41.91 3.74 0.00	41.69 3.62 0.00	38.21 3.12 -0.01	34.76 3.04 -0.01	32.97 2.83 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	35.14 2.69 0.00	32.54 2.55 -0.01	28.63 2.05 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.50 1.80 0.00	30.56 2.05 0.00	34.42 2.61 0.00	37.11 2.86 -0.15	38.65 3.02 -0.06	40.50 3.15 -1.54	42.34 3.67 -2.35	41.76 3.82 -1.58	42.43 4.04 -0.27	43.03 4.10 -0.64	44.88 4.48 -0.01	45.87 4.51 0.00	50.88 4.79 0.00	49.27 4.52 0.00	41.91 3.74 0.00	41.69 3.62 0.00	38.21 3.12 -0.01	34.76 3.04 -0.01	32.97 2.83 -0.01
ASTORIA_GT2_1 24094	35.17 2.73 0.00	32.54 2.55 -0.01	28.66 2.07 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.52 1.82 0.00	30.59 2.08 0.00	34.45 2.64 0.00	37.14 2.90 -0.15	38.66 3.02 -0.07	40.43 3.08 -1.54	39.98 3.63 -0.02	40.27 3.89 -0.02	42.18 4.04 -0.01	42.43 4.13 -0.01	45.01 4.60 -0.02	45.83 4.47 0.00	50.88 4.79 0.00	49.36 4.61 0.00	42.02 3.85 0.00	41.65 3.58 0.00	38.25 3.16 -0.01	34.76 3.04 -0.01	32.97 2.83 -0.01
ASTORIA_GT2_2 24095	35.17 2.73 0.00	32.54 2.55 -0.01	28.66 2.07 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.52 1.82 0.00	30.59 2.08 0.00	34.45 2.64 0.00	37.14 2.90 -0.15	38.66 3.02 -0.07	40.43 3.08 -1.54	39.98 3.63 -0.02	40.27 3.89 -0.02	42.18 4.04 -0.01	42.43 4.13 -0.01	45.01 4.60 -0.02	45.83 4.47 0.00	50.88 4.79 0.00	49.36 4.61 0.00	42.02 3.85 0.00	41.65 3.58 0.00	38.25 3.16 -0.01	34.76 3.04 -0.01	32.97 2.83 -0.01
ASTORIA_GT2_3 24096	35.17 2.73 0.00	32.54 2.55 -0.01	28.66 2.07 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.52 1.82 0.00	30.59 2.08 0.00	34.45 2.64 0.00	37.14 2.90 -0.15	38.66 3.02 -0.07	40.43 3.08 -1.54	39.98 3.63 -0.02	40.27 3.89 -0.02	42.18 4.04 -0.01	42.43 4.13 -0.01	45.01 4.60 -0.02	45.83 4.47 0.00	50.88 4.79 0.00	49.36 4.61 0.00	42.02 3.85 0.00	41.65 3.58 0.00	38.25 3.16 -0.01	34.76 3.04 -0.01	32.97 2.83 -0.01
ASTORIA_GT2_4 24097	35.17 2.73 0.00	32.54 2.55 -0.01	28.66 2.07 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.52 1.82 0.00	30.59 2.08 0.00	34.45 2.64 0.00	37.14 2.90 -0.15	38.66 3.02 -0.07	40.43 3.08 -1.54	39.98 3.63 -0.02	40.27 3.89 -0.02	42.18 4.04 -0.01	42.43 4.13 -0.01	45.01 4.60 -0.02	45.83 4.47 0.00	50.88 4.79 0.00	49.36 4.61 0.00	42.02 3.85 0.00	41.65 3.58 0.00	38.25 3.16 -0.01	34.76 3.04 -0.01	32.97 2.83 -0.01
ASTORIA_GT3_1 24098	35.17 2.73 0.00	32.54 2.55 -0.01	28.66 2.07 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.52 1.82 0.00	30.59 2.08 0.00	34.45 2.64 0.00	37.14 2.90 -0.15	38.66 3.02 -0.07	40.43 3.08 -1.54	39.98 3.63 -0.02	40.27 3.89 -0.02	42.18 4.04 -0.01	42.43 4.13 -0.01	45.01 4.60 -0.02	45.83 4.47 0.00	50.88 4.79 0.00	49.36 4.61 0.00	42.02 3.85 0.00	41.65 3.58 0.00	38.25 3.16 -0.01	34.76 3.04 -0.01	32.97 2.83 -0.01
ASTORIA_GT3_2 24099	35.17 2.73 0.00	32.54 2.55 -0.01	28.66 2.07 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.52 1.82 0.00	30.59 2.08 0.00	34.45 2.64 0.00	37.14 2.90 -0.15	38.66 3.02 -0.07	40.43 3.08 -1.54	39.98 3.63 -0.02	40.27 3.89 -0.02	42.18 4.04 -0.01	42.43 4.13 -0.01	45.01 4.60 -0.02	45.83 4.47 0.00	50.88 4.79 0.00	49.36 4.61 0.00	42.02 3.85 0.00	41.65 3.58 0.00	38.25 3.16 -0.01	34.76 3.04 -0.01	32.97 2.83 -0.01
ASTORIA_GT3_3 24100	35.17 2.73 0.00	32.54 2.55 -0.01	28.66 2.07 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.52 1.82 0.00	30.59 2.08 0.00	34.45 2.64 0.00	37.14 2.90 -0.15	38.66 3.02 -0.07	40.43 3.08 -1.54	39.98 3.63 -0.02	40.27 3.89 -0.02	42.18 4.04 -0.01	42.43 4.13 -0.01	45.01 4.60 -0.02	45.83 4.47 0.00	50.88 4.79 0.00	49.36 4.61 0.00	42.02 3.85 0.00	41.65 3.58 0.00	38.25 3.16 -0.01	34.76 3.04 -0.01	32.97 2.83 -0.01
ASTORIA_GT3_4 24101	35.17 2.73 0.00	32.54 2.55 -0.01	28.66 2.07 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.52 1.82 0.00	30.59 2.08 0.00	34.45 2.64 0.00	37.14 2.90 -0.15	38.66 3.02 -0.07	40.43 3.08 -1.54	39.98 3.63 -0.02	40.27 3.89 -0.02	42.18 4.04 -0.01	42.43 4.13 -0.01	45.01 4.60 -0.02	45.83 4.47 0.00	50.88 4.79 0.00	49.36 4.61 0.00	42.02 3.85 0.00	41.65 3.58 0.00	38.25 3.16 -0.01	34.76 3.04 -0.01	32.97 2.83 -0.01
ASTORIA_GT4_1 24102	35.17 2.73 0.00	32.54 2.55 -0.01	28.66 2.07 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.52 1.82 0.00	30.59 2.08 0.00	34.45 2.64 0.00	37.14 2.90 -0.15	38.66 3.02 -0.07	40.43 3.08 -1.54	39.98 3.63 -0.02	40.27 3.89 -0.02	42.18 4.04 -0.01	42.43 4.13 -0.01	45.01 4.60 -0.02	45.83 4.47 0.00	50.88 4.79 0.00	49.36 4.61 0.00	42.02 3.85 0.00	41.65 3.58 0.00	38.25 3.16 -0.01	34.76 3.04 -0.01	32.97 2.83 -0.01
ASTORIA_GT4_2 24103	35.17 2.73 0.00	32.54 2.55 -0.01	28.66 2.07 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.52 1.82 0.00	30.59 2.08 0.00	34.45 2.64 0.00	37.14 2.90 -0.15	38.66 3.02 -0.07	40.43 3.08 -1.54	39.98 3.63 -0.02	40.27 3.89 -0.02	42.18 4.04 -0.01	42.43 4.13 -0.01	45.01 4.60 -0.02	45.83 4.47 0.00	50.88 4.79 0.00	49.36 4.61 0.00	42.02 3.85 0.00	41.65 3.58 0.00	38.25 3.16 -0.01	34.76 3.04 -0.01	32.97 2.83 -0.01
ASTORIA_GT4_3 24104	35.17 2.73 0.00	32.54 2.55 -0.01	28.66 2.07 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.52 1.82 0.00	30.59 2.08 0.00	34.45 2.64 0.00	37.14 2.90 -0.15	38.66 3.02 -0.07	40.43 3.08 -1.54	39.98 3.63 -0.02	40.27 3.89 -0.02	42.18 4.04 -0.01	42.43 4.13 -0.01	45.01 4.60 -0.02	45.83 4.47 0.00	50.88 4.79 0.00	49.36 4.61 0.00	42.02 3.85 0.00	41.65 3.58 0.00	38.25 3.16 -0.01	34.76 3.04 -0.01	32.97 2.83 -0.01

ASTORIA_GT4_4 24105	35.17 2.73 0.00	32.54 2.55 -0.01	28.66 2.07 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.52 1.82 0.00	30.59 2.08 0.00	34.45 2.64 0.00	37.14 2.90 -0.15	38.66 3.02 -0.07	40.43 3.08 -1.54	39.98 3.63 -0.02	40.27 3.89 -0.02	42.18 4.04 -0.01	42.43 4.13 -0.01	45.01 4.60 -0.02	45.83 4.47 0.00	50.88 4.79 0.00	49.36 4.61 0.00	42.02 3.85 0.00	41.65 3.58 0.00	38.25 3.16 -0.01	34.76 3.04 -0.01	32.97 2.83 -0.01
ASTORIA_GT_1 23523	35.24 2.79 0.00	32.63 2.64 -0.01	28.71 2.13 0.00	26.81 1.87 0.00	26.39 1.79 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.51 2.70 0.00	37.21 2.96 -0.15	38.76 3.13 -0.06	40.61 3.26 -1.54	42.45 3.78 -2.35	41.91 3.96 -1.58	42.59 4.19 -0.27	43.18 4.25 -0.64	45.04 4.64 -0.01	46.04 4.67 0.00	51.07 4.98 0.00	49.45 4.70 0.00	42.06 3.90 0.00	41.84 3.77 0.00	38.32 3.23 -0.01	34.85 3.14 -0.01	33.06 2.92 -0.01
ASTORIA_GT_10 24110	35.04 2.60 0.00	32.39 2.40 -0.01	28.55 1.97 0.00	26.71 1.77 0.00	26.32 1.72 0.00	27.50 1.80 0.00	30.56 2.05 0.00	34.45 2.64 0.00	39.22 2.97 -2.17	38.73 3.09 -0.07	40.47 3.08 -1.57	42.37 3.63 -2.41	42.25 3.85 -2.03	42.44 4.04 -0.27	43.15 4.21 -0.65	45.01 4.60 -0.02	45.87 4.51 0.00	50.84 4.75 0.00	49.32 4.56 0.00	42.02 3.85 0.00	41.65 3.58 0.00	38.22 3.12 -0.01	34.69 2.98 -0.01	32.85 2.71 -0.01
ASTORIA_GT_11 24225	35.04 2.60 0.00	32.39 2.40 -0.01	28.55 1.97 0.00	26.71 1.77 0.00	26.32 1.72 0.00	27.50 1.80 0.00	30.56 2.05 0.00	34.45 2.64 0.00	39.22 2.97 -2.17	38.73 3.09 -0.07	40.47 3.08 -1.57	42.37 3.63 -2.41	42.25 3.85 -2.03	42.44 4.04 -0.27	43.15 4.21 -0.65	45.01 4.60 -0.02	45.87 4.51 0.00	50.84 4.75 0.00	49.32 4.56 0.00	42.02 3.85 0.00	41.65 3.58 0.00	38.22 3.12 -0.01	34.69 2.98 -0.01	32.85 2.71 -0.01
ASTORIA_GT_12 24226	35.04 2.60 0.00	32.39 2.40 -0.01	28.55 1.97 0.00	26.71 1.77 0.00	26.32 1.72 0.00	27.50 1.80 0.00	30.56 2.05 0.00	34.45 2.64 0.00	39.22 2.97 -2.17	38.73 3.09 -0.07	40.47 3.08 -1.57	42.37 3.63 -2.41	42.25 3.85 -2.03	42.44 4.04 -0.27	43.15 4.21 -0.65	45.01 4.60 -0.02	45.87 4.51 0.00	50.84 4.75 0.00	49.32 4.56 0.00	42.02 3.85 0.00	41.65 3.58 0.00	38.22 3.12 -0.01	34.69 2.98 -0.01	32.85 2.71 -0.01
ASTORIA_GT_13 24227	35.04 2.60 0.00	32.39 2.40 -0.01	28.55 1.97 0.00	26.71 1.77 0.00	26.32 1.72 0.00	27.50 1.80 0.00	30.56 2.05 0.00	34.45 2.64 0.00	39.22 2.97 -2.17	38.73 3.09 -0.07	40.47 3.08 -1.57	42.37 3.63 -2.41	42.25 3.85 -2.03	42.44 4.04 -0.27	43.15 4.21 -0.65	45.01 4.60 -0.02	45.87 4.51 0.00	50.84 4.75 0.00	49.32 4.56 0.00	42.02 3.85 0.00	41.65 3.58 0.00	38.22 3.12 -0.01	34.69 2.98 -0.01	32.85 2.71 -0.01
ASTORIA_GT_5 24106	35.27 2.82 0.00	32.63 2.64 -0.01	28.71 2.13 0.00	26.81 1.87 0.00	26.39 1.80 0.00	27.58 1.88 0.00	30.67 2.17 0.00	34.52 2.70 0.00	37.21 2.97 -0.15	38.73 3.09 -0.07	40.54 3.19 -1.54	40.09 3.74 -0.02	40.38 4.00 -0.02	42.29 4.16 -0.01	42.55 4.25 -0.01	45.14 4.73 -0.02	46.00 4.63 0.00	51.02 4.93 0.00	49.50 4.74 0.00	42.14 3.97 0.00	41.76 3.69 0.00	38.32 3.23 -0.01	34.85 3.14 -0.01	33.06 2.92 -0.01
ASTORIA_GT_7 24107	35.27 2.82 0.00	32.63 2.64 -0.01	28.71 2.13 0.00	26.81 1.87 0.00	26.39 1.80 0.00	27.58 1.88 0.00	30.67 2.17 0.00	34.52 2.70 0.00	37.21 2.97 -0.15	38.73 3.09 -0.07	40.54 3.19 -1.54	40.09 3.74 -0.02	40.38 4.00 -0.02	42.29 4.16 -0.01	42.55 4.25 -0.01	45.14 4.73 -0.02	46.00 4.63 0.00	51.02 4.93 0.00	49.50 4.74 0.00	42.14 3.97 0.00	41.76 3.69 0.00	38.32 3.23 -0.01	34.85 3.14 -0.01	33.06 2.92 -0.01
ASTORIA_GT_8 24108	35.27 2.82 0.00	32.63 2.64 -0.01	28.71 2.13 0.00	26.81 1.87 0.00	26.39 1.80 0.00	27.58 1.88 0.00	30.67 2.17 0.00	34.52 2.70 0.00	37.21 2.97 -0.15	38.73 3.09 -0.07	40.54 3.19 -1.54	40.09 3.74 -0.02	40.38 4.00 -0.02	42.29 4.16 -0.01	42.55 4.25 -0.01	45.14 4.73 -0.02	46.00 4.63 0.00	51.02 4.93 0.00	49.50 4.74 0.00	42.14 3.97 0.00	41.76 3.69 0.00	38.32 3.23 -0.01	34.85 3.14 -0.01	33.06 2.92 -0.01
ASTORIA___2 24149	35.17 2.73 0.00	32.54 2.55 -0.01	28.66 2.08 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.50 1.80 0.00	30.56 2.05 0.00	34.45 2.64 0.00	37.14 2.90 -0.15	38.69 3.06 -0.06	40.50 3.15 -1.54	42.34 3.67 -2.35	41.80 3.85 -1.58	42.47 4.08 -0.27	43.03 4.10 -0.64	44.92 4.52 -0.01	45.91 4.55 0.00	50.93 4.84 0.00	49.32 4.57 0.00	41.95 3.78 0.00	41.72 3.66 0.00	38.21 3.12 -0.01	34.76 3.04 -0.01	32.97 2.83 -0.01
ASTORIA___3 23516	35.05 2.60 0.00	32.39 2.40 -0.01	28.55 1.97 0.00	26.71 1.77 0.00	26.32 1.72 0.00	27.47 1.77 0.00	30.53 2.02 0.00	34.45 2.64 0.00	39.22 2.96 -2.17	38.77 3.13 -0.07	40.54 3.15 -1.57	42.40 3.67 -2.41	42.21 3.82 -2.03	42.44 4.04 -0.27	43.07 4.14 -0.65	44.93 4.52 -0.02	45.91 4.55 0.00	50.88 4.79 0.00	49.27 4.52 0.00	41.98 3.82 0.00	41.72 3.66 0.00	38.21 3.12 -0.01	34.66 2.95 -0.01	32.86 2.71 -0.01
ASTORIA___4 23517	35.04 2.60 0.00	32.39 2.40 -0.01	28.55 1.97 0.00	26.71 1.77 0.00	26.32 1.72 0.00	27.50 1.80 0.00	30.56 2.05 0.00	34.45 2.64 0.00	39.22 2.97 -2.17	38.73 3.09 -0.07	40.47 3.08 -1.57	42.37 3.63 -2.41	42.25 3.85 -2.03	42.44 4.04 -0.27	43.15 4.21 -0.65	45.01 4.60 -0.02	45.87 4.51 0.00	50.84 4.75 0.00	49.32 4.56 0.00	42.02 3.85 0.00	41.65 3.58 0.00	38.22 3.12 -0.01	34.69 2.98 -0.01	32.85 2.71 -0.01
ASTORIA___5 23518	35.05 2.60 0.00	32.39 2.40 -0.01	28.55 1.97 0.00	26.71 1.77 0.00	26.32 1.72 0.00	27.47 1.77 0.00	30.53 2.02 0.00	34.45 2.64 0.00	39.22 2.96 -2.17	38.77 3.13 -0.07	40.54 3.15 -1.57	42.40 3.67 -2.41	42.21 3.82 -2.03	42.44 4.04 -0.27	43.07 4.14 -0.65	44.93 4.52 -0.02	45.91 4.55 0.00	50.88 4.79 0.00	49.27 4.52 0.00	41.98 3.82 0.00	41.72 3.66 0.00	38.21 3.12 -0.01	34.66 2.95 -0.01	32.86 2.71 -0.01
AST_ENERGY_2_CC3 323677	34.85 2.40 0.00	32.20 2.22 0.00	28.45 1.86 0.00	26.61 1.67 0.00	26.22 1.62 0.00	27.40 1.70 0.00	30.42 1.91 0.00	34.25 2.45 0.01	37.03 2.80 -0.14	38.57 2.95 -0.05	40.38 3.04 -1.53	42.18 3.52 -2.34	41.61 3.67 -1.58	42.23 3.85 -0.26	42.85 3.94 -0.62	44.80 4.40 0.00	45.74 4.38 0.01	50.83 4.75 0.01	49.18 4.43 0.01	41.79 3.63 0.01	41.56 3.50 0.01	38.00 2.91 0.00	34.46 2.76 0.00	32.67 2.53 0.00
AST_ENERGY_2_CC4 323678	34.85 2.40 0.00	32.20 2.22 0.00	28.45 1.86 0.00	26.61 1.67 0.00	26.22 1.62 0.00	27.40 1.70 0.00	30.42 1.91 0.00	34.25 2.45 0.01	37.03 2.80 -0.14	38.57 2.95 -0.05	40.38 3.04 -1.53	42.18 3.52 -2.34	41.61 3.67 -1.58	42.23 3.85 -0.26	42.85 3.94 -0.62	44.80 4.40 0.00	45.74 4.38 0.01	50.83 4.75 0.01	49.18 4.43 0.01	41.79 3.63 0.01	41.56 3.50 0.01	38.00 2.91 0.00	34.46 2.76 0.00	32.67 2.53 0.00

ATHENS_STG_1 23668	33.55 1.10 0.00	31.00 1.02 0.00	27.46 0.88 0.00	25.79 0.85 0.00	25.43 0.84 0.00	26.50 0.80 0.00	29.39 0.88 0.00	32.86 1.05 0.00	35.32 1.19 -0.03	36.83 1.24 -0.02	37.03 1.22 0.00	37.85 1.53 0.00	37.96 1.60 0.00	39.80 1.68 0.00	40.05 1.76 0.00	42.41 2.02 0.00	43.35 1.99 0.00	48.30 2.21 0.00	46.86 2.10 0.00	39.89 1.72 0.00	39.74 1.67 0.00	36.31 1.23 0.00	32.88 1.17 0.00	31.25 1.12 0.00
ATHENS_STG_2 23670	33.55 1.10 0.00	31.00 1.02 0.00	27.46 0.88 0.00	25.79 0.85 0.00	25.43 0.84 0.00	26.50 0.80 0.00	29.39 0.88 0.00	32.86 1.05 0.00	35.32 1.19 -0.03	36.83 1.24 -0.02	37.03 1.22 0.00	37.85 1.53 0.00	37.96 1.60 0.00	39.80 1.68 0.00	40.05 1.76 0.00	42.41 2.02 0.00	43.35 1.99 0.00	48.30 2.21 0.00	46.86 2.10 0.00	39.89 1.72 0.00	39.74 1.67 0.00	36.31 1.23 0.00	32.88 1.17 0.00	31.25 1.12 0.00
ATHENS_STG_3 23677	33.55 1.10 0.00	31.00 1.02 0.00	27.46 0.88 0.00	25.79 0.85 0.00	25.43 0.84 0.00	26.50 0.80 0.00	29.39 0.88 0.00	32.86 1.05 0.00	35.32 1.19 -0.03	36.83 1.24 -0.02	37.03 1.22 0.00	37.85 1.53 0.00	37.96 1.60 0.00	39.80 1.68 0.00	40.05 1.76 0.00	42.41 2.02 0.00	43.35 1.99 0.00	48.30 2.21 0.00	46.86 2.10 0.00	39.89 1.72 0.00	39.74 1.67 0.00	36.31 1.23 0.00	32.88 1.17 0.00	31.25 1.12 0.00
AUBURN___LFGE 323710	32.86 0.29 -0.12	30.16 0.18 0.00	26.75 0.16 0.00	25.06 0.12 0.00	24.69 0.10 0.00	25.88 0.18 0.00	28.76 0.26 0.00	32.07 0.25 0.00	34.45 0.17 -0.18	36.09 0.21 -0.31	36.24 0.43 0.00	36.91 0.58 0.00	36.94 0.58 0.00	38.70 0.57 0.00	38.82 0.54 0.00	41.73 1.33 0.00	42.94 1.57 0.00	46.74 0.65 0.00	45.29 0.54 0.00	38.44 0.27 0.00	38.41 0.34 0.00	35.30 0.21 0.00	31.80 0.10 0.00	30.13 0.00 0.00
BABYLON_RES_REC 323704	38.69 3.02 -3.22	37.71 2.76 -4.97	36.19 2.39 -7.21	29.00 2.20 -1.86	29.63 2.12 -2.91	32.95 2.23 -5.02	33.40 2.48 -2.41	37.74 2.99 -2.94	38.54 3.27 -1.17	38.94 3.31 -0.07	38.71 2.90 0.00	40.58 3.56 -0.69	40.09 3.53 -0.20	42.06 3.93 0.00	42.48 3.91 -0.28	52.66 4.48 -7.78	61.90 4.59 -15.95	63.06 4.93 -12.04	49.45 4.70 0.00	41.95 3.78 0.00	41.73 3.66 0.00	38.14 3.05 0.00	34.59 2.88 0.00	33.21 3.08 0.00
BABYLON___69_KV_BK2 356345	39.18 3.50 -3.22	38.10 3.15 -4.97	36.53 2.74 -7.21	29.32 2.52 -1.86	29.97 2.46 -2.91	33.29 2.57 -5.02	33.80 2.88 -2.41	38.12 3.37 -2.94	39.01 3.75 -1.17	39.48 3.84 -0.07	39.47 3.65 0.00	41.37 4.43 -0.61	41.24 4.69 -0.19	43.02 4.88 -0.01	44.22 5.17 -0.76	53.02 5.78 -6.85	62.40 5.75 -15.29	64.44 6.31 -12.04	50.80 6.04 0.00	43.02 4.85 0.00	42.68 4.61 0.00	38.99 3.89 -0.01	35.06 3.36 0.00	33.66 3.53 0.00
BALL_HILL_WT_PWR 323825	32.61 0.16 0.00	29.65 -0.33 0.00	26.59 0.00 0.00	24.86 -0.07 0.00	24.40 -0.20 0.00	25.73 0.03 0.00	28.39 -0.11 0.00	31.27 -0.54 0.00	33.17 -0.92 0.00	34.67 -0.89 0.01	35.74 -0.07 0.00	36.76 0.44 0.00	36.73 0.36 0.00	38.55 0.42 0.00	38.44 0.15 0.00	40.52 0.12 0.00	41.94 0.58 0.00	46.42 0.32 0.00	45.20 0.45 0.00	38.09 -0.08 0.00	37.92 -0.15 0.00	34.91 -0.17 0.00	31.26 -0.44 0.00	29.95 -0.18 0.00
BARON_WINDS___WT_PWR 323822	32.77 0.29 -0.03	29.95 -0.03 0.00	26.72 0.13 0.00	25.01 0.08 0.00	24.57 -0.02 0.00	25.85 0.16 0.00	28.65 0.14 0.00	31.72 -0.10 0.00	33.80 -0.34 -0.05	35.29 -0.36 -0.07	36.03 0.22 0.00	37.01 0.69 0.00	37.02 0.66 0.00	38.81 0.69 0.00	38.82 0.54 0.00	41.00 0.61 0.00	42.32 0.95 0.00	46.96 0.87 0.00	45.65 0.89 0.00	38.63 0.46 0.00	38.49 0.42 0.00	35.40 0.32 0.00	31.74 0.03 0.00	30.22 0.09 0.00
BARRETT_IC_1 23704	38.44 2.76 -3.23	37.51 2.55 -4.98	36.01 2.21 -7.22	28.83 2.02 -1.87	29.49 1.97 -2.92	32.78 2.06 -5.02	33.21 2.28 -2.42	37.53 2.77 -2.95	38.34 3.07 -1.18	38.77 3.13 -0.08	38.79 2.97 0.00	39.85 3.31 -0.22	39.88 3.46 -0.06	41.94 3.81 0.00	42.19 3.91 0.00	45.90 4.28 -1.22	57.04 4.26 -11.42	63.06 4.93 -12.04	49.36 4.61 0.00	41.80 3.63 0.00	41.57 3.50 0.00	38.10 3.02 0.00	34.50 2.79 -0.01	32.98 2.83 -0.01
BARRETT_IC_10 23701	38.44 2.76 -3.23	37.51 2.55 -4.98	36.01 2.21 -7.22	28.83 2.02 -1.87	29.49 1.97 -2.92	32.78 2.06 -5.02	33.21 2.28 -2.42	37.53 2.77 -2.95	38.34 3.07 -1.18	38.77 3.13 -0.08	38.79 2.97 0.00	39.85 3.31 -0.22	39.88 3.46 -0.06	41.94 3.81 0.00	42.19 3.91 0.00	45.90 4.28 -1.22	57.04 4.26 -11.42	63.06 4.93 -12.04	49.36 4.61 0.00	41.80 3.63 0.00	41.57 3.50 0.00	38.10 3.02 0.00	34.50 2.79 -0.01	32.98 2.83 -0.01
BARRETT_IC_11 23702	38.44 2.76 -3.23	37.51 2.55 -4.98	36.01 2.21 -7.22	28.83 2.02 -1.87	29.49 1.97 -2.92	32.78 2.06 -5.02	33.21 2.28 -2.42	37.53 2.77 -2.95	38.34 3.07 -1.18	38.77 3.13 -0.08	38.79 2.97 0.00	39.85 3.31 -0.22	39.88 3.46 -0.06	41.94 3.81 0.00	42.19 3.91 0.00	45.90 4.28 -1.22	57.04 4.26 -11.42	63.06 4.93 -12.04	49.36 4.61 0.00	41.80 3.63 0.00	41.57 3.50 0.00	38.10 3.02 0.00	34.50 2.79 -0.01	32.98 2.83 -0.01
BARRETT_IC_12 23703	38.44 2.76 -3.23	37.51 2.55 -4.98	36.01 2.21 -7.22	28.83 2.02 -1.87	29.49 1.97 -2.92	32.78 2.06 -5.02	33.21 2.28 -2.42	37.53 2.77 -2.95	38.34 3.07 -1.18	38.77 3.13 -0.08	38.79 2.97 0.00	39.85 3.31 -0.22	39.88 3.46 -0.06	41.94 3.81 0.00	42.19 3.91 0.00	45.90 4.28 -1.22	57.04 4.26 -11.42	63.06 4.93 -12.04	49.36 4.61 0.00	41.80 3.63 0.00	41.57 3.50 0.00	38.10 3.02 0.00	34.50 2.79 -0.01	32.98 2.83 -0.01
BARRETT_IC_2 23705	38.44 2.76 -3.23	37.51 2.55 -4.98	36.01 2.21 -7.22	28.83 2.02 -1.87	29.49 1.97 -2.92	32.78 2.06 -5.02	33.21 2.28 -2.42	37.53 2.77 -2.95	38.34 3.07 -1.18	38.77 3.13 -0.08	38.79 2.97 0.00	39.85 3.31 -0.22	39.88 3.46 -0.06	41.94 3.81 0.00	42.19 3.91 0.00	45.90 4.28 -1.22	57.04 4.26 -11.42	63.06 4.93 -12.04	49.36 4.61 0.00	41.80 3.63 0.00	41.57 3.50 0.00	38.10 3.02 0.00	34.50 2.79 -0.01	32.98 2.83 -0.01
BARRETT_IC_3 23706	38.44 2.76 -3.23	37.51 2.55 -4.98	36.01 2.21 -7.22	28.83 2.02 -1.87	29.49 1.97 -2.92	32.78 2.06 -5.02	33.21 2.28 -2.42	37.53 2.77 -2.95	38.34 3.07 -1.18	38.77 3.13 -0.08	38.79 2.97 0.00	39.85 3.31 -0.22	39.88 3.46 -0.06	41.94 3.81 0.00	42.19 3.91 0.00	45.90 4.28 -1.22	57.04 4.26 -11.42	63.06 4.93 -12.04	49.36 4.61 0.00	41.80 3.63 0.00	41.57 3.50 0.00	38.10 3.02 0.00	34.50 2.79 -0.01	32.98 2.83 -0.01
BARRETT_IC_4 23707	38.44 2.76 -3.23	37.51 2.55 -4.98	36.01 2.21 -7.22	28.83 2.02 -1.87	29.49 1.97 -2.92	32.78 2.06 -5.02	33.21 2.28 -2.42	37.53 2.77 -2.95	38.34 3.07 -1.18	38.77 3.13 -0.08	38.79 2.97 0.00	39.85 3.31 -0.22	39.88 3.46 -0.06	41.94 3.81 0.00	42.19 3.91 0.00	45.90 4.28 -1.22	57.04 4.26 -11.42	63.06 4.93 -12.04	49.36 4.61 0.00	41.80 3.63 0.00	41.57 3.50 0.00	38.10 3.02 0.00	34.50 2.79 -0.01	32.98 2.83 -0.01

BARRETT_IC_5 23708	38.44 2.76 -3.23	37.51 2.55 -4.98	36.01 2.21 -7.22	28.83 2.02 -1.87	29.49 1.97 -2.92	32.78 2.06 -5.02	33.21 2.28 -2.42	37.53 2.77 -2.95	38.34 3.07 -1.18	38.77 3.13 -0.08	38.79 2.97 0.00	39.85 3.31 -0.22	39.88 3.46 -0.06	41.94 3.81 0.00	42.19 3.91 0.00	45.90 4.28 -1.22	57.04 4.26 -11.42	63.06 4.93 -12.04	49.36 4.61 0.00	41.80 3.63 0.00	41.57 3.50 0.00	38.10 3.02 0.00	34.50 2.79 -0.01	32.98 2.83 -0.01
BARRETT_IC_6 23709	38.44 2.76 -3.23	37.51 2.55 -4.98	36.01 2.21 -7.22	28.83 2.02 -1.87	29.49 1.97 -2.92	32.78 2.06 -5.02	33.21 2.28 -2.42	37.53 2.77 -2.95	38.34 3.07 -1.18	38.77 3.13 -0.08	38.79 2.97 0.00	39.85 3.31 -0.22	39.88 3.46 -0.06	41.94 3.81 0.00	42.19 3.91 0.00	45.90 4.28 -1.22	57.04 4.26 -11.42	63.06 4.93 -12.04	49.36 4.61 0.00	41.80 3.63 0.00	41.57 3.50 0.00	38.10 3.02 0.00	34.50 2.79 -0.01	32.98 2.83 -0.01
BARRETT_IC_7 23710	38.43 2.76 -3.22	37.50 2.55 -4.97	36.00 2.21 -7.21	28.82 2.02 -1.86	29.48 1.97 -2.91	32.77 2.06 -5.02	33.23 2.31 -2.41	37.52 2.77 -2.94	38.33 3.07 -1.17	38.80 3.17 -0.07	38.72 2.90 0.00	40.14 3.60 -0.22	40.25 3.82 -0.06	41.94 3.81 0.00	42.35 4.06 0.00	46.14 4.52 -1.22	57.11 4.34 -11.41	63.06 4.93 -12.04	49.41 4.65 0.00	41.91 3.74 0.00	41.53 3.46 0.00	38.10 3.02 0.00	34.56 2.85 0.00	32.97 2.83 0.00
BARRETT_IC_8 23711	38.44 2.76 -3.23	37.51 2.55 -4.98	36.01 2.21 -7.22	28.83 2.02 -1.87	29.49 1.97 -2.92	32.78 2.06 -5.02	33.21 2.28 -2.42	37.53 2.77 -2.95	38.34 3.07 -1.18	38.77 3.13 -0.08	38.79 2.97 0.00	39.85 3.31 -0.22	39.88 3.46 -0.06	41.94 3.81 0.00	42.19 3.91 0.00	45.90 4.28 -1.22	57.04 4.26 -11.42	63.06 4.93 -12.04	49.36 4.61 0.00	41.80 3.63 0.00	41.57 3.50 0.00	38.10 3.02 0.00	34.50 2.79 -0.01	32.98 2.83 -0.01
BARRETT_IC_9 23700	38.44 2.76 -3.23	37.51 2.55 -4.98	36.01 2.21 -7.22	28.83 2.02 -1.87	29.49 1.97 -2.92	32.78 2.06 -5.02	33.21 2.28 -2.42	37.53 2.77 -2.95	38.34 3.07 -1.18	38.77 3.13 -0.08	38.79 2.97 0.00	39.85 3.31 -0.22	39.88 3.46 -0.06	41.94 3.81 0.00	42.19 3.91 0.00	45.90 4.28 -1.22	57.04 4.26 -11.42	63.06 4.93 -12.04	49.36 4.61 0.00	41.80 3.63 0.00	41.57 3.50 0.00	38.10 3.02 0.00	34.50 2.79 -0.01	32.98 2.83 -0.01
BARRETT___1 23545	38.44 2.76 -3.23	37.51 2.55 -4.98	36.01 2.21 -7.22	28.83 2.02 -1.87	29.49 1.97 -2.92	32.78 2.06 -5.02	33.21 2.28 -2.42	37.53 2.77 -2.95	38.34 3.07 -1.18	38.77 3.13 -0.08	38.79 2.97 0.00	39.85 3.31 -0.22	39.88 3.46 -0.06	41.94 3.81 0.00	42.19 3.91 0.00	45.90 4.28 -1.22	57.04 4.26 -11.42	63.06 4.93 -12.04	49.36 4.61 0.00	41.80 3.63 0.00	41.57 3.50 0.00	38.10 3.02 0.00	34.50 2.79 -0.01	32.98 2.83 -0.01
BARRETT___2 23546	38.44 2.76 -3.23	37.51 2.55 -4.98	36.01 2.21 -7.22	28.83 2.02 -1.87	29.49 1.97 -2.92	32.78 2.06 -5.02	33.21 2.28 -2.42	37.53 2.77 -2.95	38.34 3.07 -1.18	38.77 3.13 -0.08	38.79 2.97 0.00	39.85 3.31 -0.22	39.88 3.46 -0.06	41.94 3.81 0.00	42.19 3.91 0.00	45.90 4.28 -1.22	57.04 4.26 -11.42	63.06 4.93 -12.04	49.36 4.61 0.00	41.80 3.63 0.00	41.57 3.50 0.00	38.10 3.02 0.00	34.50 2.79 -0.01	32.98 2.83 -0.01
BATAVIA___115KV_TB1 55881	33.00 0.55 0.00	30.04 0.06 0.00	26.83 0.24 0.00	25.09 0.15 0.00	24.62 0.02 0.00	25.96 0.26 0.00	28.68 0.17 0.00	31.56 -0.25 0.00	33.55 -0.55 0.00	35.03 -0.53 0.01	35.92 0.11 0.00	36.36 0.04 0.00	36.58 0.22 0.00	38.29 0.15 -0.01	37.99 -0.31 -0.01	40.24 -0.16 -0.01	41.74 0.37 0.00	46.19 0.09 -0.01	45.11 0.36 0.00	37.98 -0.19 0.00	38.03 -0.04 0.00	35.05 -0.04 0.00	31.36 -0.35 0.00	30.07 -0.06 0.00
BAYONEEC___CTG1 323682	34.91 2.46 0.00	32.23 2.25 0.00	28.47 1.89 0.00	26.66 1.72 0.00	26.24 1.65 0.00	27.45 1.75 0.00	30.47 1.97 0.00	34.32 2.51 0.00	37.10 2.86 -0.14	38.66 3.02 -0.07	40.42 3.08 -1.53	42.22 3.56 -2.34	41.65 3.71 -1.58	42.28 3.89 -0.26	42.90 3.98 -0.63	44.85 4.44 -0.02	45.79 4.43 0.00	50.88 4.79 0.00	49.23 4.47 0.00	41.83 3.66 0.00	41.61 3.54 0.00	38.03 2.95 0.00	34.52 2.82 0.00	32.73 2.59 0.00
BAYONEEC___CTG10 323750	34.91 2.46 0.00	32.23 2.25 0.00	28.47 1.89 0.00	26.66 1.72 0.00	26.24 1.65 0.00	27.45 1.75 0.00	30.47 1.97 0.00	34.32 2.51 0.00	37.10 2.86 -0.14	38.66 3.02 -0.07	40.42 3.08 -1.53	42.22 3.56 -2.34	41.65 3.71 -1.58	42.28 3.89 -0.26	42.90 3.98 -0.63	44.85 4.44 -0.02	45.79 4.43 0.00	50.88 4.79 0.00	49.23 4.47 0.00	41.83 3.66 0.00	41.61 3.54 0.00	38.03 2.95 0.00	34.52 2.82 0.00	32.73 2.59 0.00
BAYONEEC___CTG2 323683	34.91 2.46 0.00	32.23 2.25 0.00	28.47 1.89 0.00	26.66 1.72 0.00	26.24 1.65 0.00	27.45 1.75 0.00	30.47 1.97 0.00	34.32 2.51 0.00	37.10 2.86 -0.14	38.66 3.02 -0.07	40.42 3.08 -1.53	42.22 3.56 -2.34	41.65 3.71 -1.58	42.28 3.89 -0.26	42.90 3.98 -0.63	44.85 4.44 -0.02	45.79 4.43 0.00	50.88 4.79 0.00	49.23 4.47 0.00	41.83 3.66 0.00	41.61 3.54 0.00	38.03 2.95 0.00	34.52 2.82 0.00	32.73 2.59 0.00
BAYONEEC___CTG3 323684	34.91 2.46 0.00	32.23 2.25 0.00	28.47 1.89 0.00	26.66 1.72 0.00	26.24 1.65 0.00	27.45 1.75 0.00	30.47 1.97 0.00	34.32 2.51 0.00	37.10 2.86 -0.14	38.66 3.02 -0.07	40.42 3.08 -1.53	42.22 3.56 -2.34	41.65 3.71 -1.58	42.28 3.89 -0.26	42.90 3.98 -0.63	44.85 4.44 -0.02	45.79 4.43 0.00	50.88 4.79 0.00	49.23 4.47 0.00	41.83 3.66 0.00	41.61 3.54 0.00	38.03 2.95 0.00	34.52 2.82 0.00	32.73 2.59 0.00
BAYONEEC___CTG4 323685	34.91 2.46 0.00	32.23 2.25 0.00	28.47 1.89 0.00	26.66 1.72 0.00	26.24 1.65 0.00	27.45 1.75 0.00	30.47 1.97 0.00	34.32 2.51 0.00	37.10 2.86 -0.14	38.66 3.02 -0.07	40.42 3.08 -1.53	42.22 3.56 -2.34	41.65 3.71 -1.58	42.28 3.89 -0.26	42.90 3.98 -0.63	44.85 4.44 -0.02	45.79 4.43 0.00	50.88 4.79 0.00	49.23 4.47 0.00	41.83 3.66 0.00	41.61 3.54 0.00	38.03 2.95 0.00	34.52 2.82 0.00	32.73 2.59 0.00
BAYONEEC___CTG5 323686	34.91 2.46 0.00	32.23 2.25 0.00	28.47 1.89 0.00	26.66 1.72 0.00	26.24 1.65 0.00	27.45 1.75 0.00	30.47 1.97 0.00	34.32 2.51 0.00	37.10 2.86 -0.14	38.66 3.02 -0.07	40.42 3.08 -1.53	42.22 3.56 -2.34	41.65 3.71 -1.58	42.28 3.89 -0.26	42.90 3.98 -0.63	44.85 4.44 -0.02	45.79 4.43 0.00	50.88 4.79 0.00	49.23 4.47 0.00	41.83 3.66 0.00	41.61 3.54 0.00	38.03 2.95 0.00	34.52 2.82 0.00	32.73 2.59 0.00
BAYONEEC___CTG6 323687	34.91 2.46 0.00	32.23 2.25 0.00	28.47 1.89 0.00	26.66 1.72 0.00	26.24 1.65 0.00	27.45 1.75 0.00	30.47 1.97 0.00	34.32 2.51 0.00	37.10 2.86 -0.14	38.66 3.02 -0.07	40.42 3.08 -1.53	42.22 3.56 -2.34	41.65 3.71 -1.58	42.28 3.89 -0.26	42.90 3.98 -0.63	44.85 4.44 -0.02	45.79 4.43 0.00	50.88 4.79 0.00	49.23 4.47 0.00	41.83 3.66 0.00	41.61 3.54 0.00	38.03 2.95 0.00	34.52 2.82 0.00	32.73 2.59 0.00

BAYONEEC___CTG7 323688	34.91 2.46 0.00	32.23 2.25 0.00	28.47 1.89 0.00	26.66 1.72 0.00	26.24 1.65 0.00	27.45 1.75 0.00	30.47 1.97 0.00	34.32 2.51 0.00	37.10 2.86 -0.14	38.66 3.02 -0.07	40.42 3.08 -1.53	42.22 3.56 -2.34	41.65 3.71 -1.58	42.28 3.89 -0.26	42.90 3.98 -0.63	44.85 4.44 -0.02	45.79 4.43 0.00	50.88 4.79 0.00	49.23 4.47 0.00	41.83 3.66 0.00	41.61 3.54 0.00	38.03 2.95 0.00	34.52 2.82 0.00	32.73 2.59 0.00
BAYONEEC___CTG8 323689	34.91 2.46 0.00	32.23 2.25 0.00	28.47 1.89 0.00	26.66 1.72 0.00	26.24 1.65 0.00	27.45 1.75 0.00	30.47 1.97 0.00	34.32 2.51 0.00	37.10 2.86 -0.14	38.66 3.02 -0.07	40.42 3.08 -1.53	42.22 3.56 -2.34	41.65 3.71 -1.58	42.28 3.89 -0.26	42.90 3.98 -0.63	44.85 4.44 -0.02	45.79 4.43 0.00	50.88 4.79 0.00	49.23 4.47 0.00	41.83 3.66 0.00	41.61 3.54 0.00	38.03 2.95 0.00	34.52 2.82 0.00	32.73 2.59 0.00
BAYONEEC___CTG9 323749	34.91 2.46 0.00	32.23 2.25 0.00	28.47 1.89 0.00	26.66 1.72 0.00	26.24 1.65 0.00	27.45 1.75 0.00	30.47 1.97 0.00	34.32 2.51 0.00	37.10 2.86 -0.14	38.66 3.02 -0.07	40.42 3.08 -1.53	42.22 3.56 -2.34	41.65 3.71 -1.58	42.28 3.89 -0.26	42.90 3.98 -0.63	44.85 4.44 -0.02	45.79 4.43 0.00	50.88 4.79 0.00	49.23 4.47 0.00	41.83 3.66 0.00	41.61 3.54 0.00	38.03 2.95 0.00	34.52 2.82 0.00	32.73 2.59 0.00
BEACON___LESR 323632	33.58 1.14 0.00	31.03 1.05 0.00	27.46 0.88 0.00	25.81 0.87 0.00	25.48 0.88 0.00	26.60 0.90 0.00	29.48 0.97 0.00	32.86 1.05 0.00	35.31 1.19 -0.03	36.79 1.21 -0.01	36.93 1.11 0.00	37.70 1.38 0.00	37.74 1.38 0.00	39.58 1.45 0.00	39.86 1.57 0.00	42.21 1.82 0.00	43.18 1.82 0.00	48.35 2.26 0.00	46.90 2.15 0.00	39.96 1.79 0.00	39.90 1.83 0.00	36.38 1.30 0.00	32.78 1.08 0.00	31.16 1.03 0.00
BEAVER RIVER___HYD 24048	32.48 -0.03 -0.07	29.98 0.00 0.00	26.59 0.00 0.00	24.94 0.00 0.00	24.62 0.02 0.00	25.85 0.16 0.00	28.79 0.29 0.00	32.10 0.29 0.00	34.33 0.14 -0.11	35.85 0.11 -0.18	35.74 -0.07 0.00	36.18 -0.14 0.00	36.07 -0.29 0.00	37.90 -0.23 0.00	37.90 -0.38 0.00	39.79 -0.60 0.00	40.87 -0.49 0.00	45.67 -0.42 0.00	44.53 -0.22 0.00	38.28 0.11 0.00	38.34 0.27 0.00	35.16 0.07 0.00	31.58 -0.13 0.00	30.01 -0.12 0.00
BEEBEE_GT_13 23619	32.55 0.10 0.00	29.77 -0.21 0.00	26.53 -0.05 0.00	24.79 -0.15 0.00	24.37 -0.22 0.00	25.62 -0.08 0.00	28.37 -0.14 0.00	31.40 -0.41 0.00	33.51 -0.58 0.00	35.03 -0.53 0.01	35.71 -0.11 0.00	36.25 -0.07 0.00	36.40 0.04 0.00	38.01 -0.11 0.00	37.87 -0.42 0.00	40.15 -0.24 0.00	41.49 0.12 0.00	45.95 -0.14 0.00	44.71 -0.04 0.00	37.79 -0.38 0.00	37.80 -0.27 0.00	34.80 -0.28 0.00	31.23 -0.48 0.00	29.83 -0.30 0.00
BENSHRST_27_KV_BENSHRST_1 355998	35.45 2.99 -0.02	32.72 2.73 -0.01	28.87 2.29 0.00	26.96 2.02 0.00	26.54 1.94 0.00	27.70 2.00 0.00	30.82 2.31 0.00	34.80 2.99 0.00	51.76 3.34 -14.33	39.12 3.49 -0.07	40.90 3.51 -1.57	43.89 4.14 -3.42	46.02 4.40 -5.26	71.39 4.61 -28.65	71.52 4.79 -28.44	80.87 5.25 -35.22	67.72 5.17 -21.19	126.70 5.53 -75.08	68.49 5.33 -18.41	67.81 4.47 -25.18	100.48 4.19 -58.23	59.92 3.65 -21.19	35.21 3.39 -0.11	41.19 3.07 -7.98
BETHLEHEM___GRP 23843	33.00 0.55 0.00	30.52 0.54 0.00	27.04 0.45 0.00	25.41 0.47 0.00	25.11 0.52 0.00	26.16 0.46 0.00	28.96 0.46 0.00	32.29 0.48 0.00	34.70 0.58 -0.03	36.15 0.57 -0.01	36.24 0.43 0.00	37.01 0.69 0.00	37.13 0.76 0.00	38.93 0.80 0.00	39.17 0.88 0.00	41.44 1.05 0.00	42.36 0.99 0.00	47.33 1.24 0.00	45.96 1.21 0.00	39.16 0.99 0.00	39.02 0.95 0.00	35.65 0.56 0.00	32.21 0.51 0.00	30.62 0.48 0.00
BETHLEHEM___GS1 323560	33.00 0.55 0.00	30.52 0.54 0.00	27.04 0.45 0.00	25.41 0.47 0.00	25.11 0.52 0.00	26.16 0.46 0.00	28.96 0.45 0.00	32.29 0.48 0.00	34.73 0.61 -0.03	36.18 0.60 -0.01	36.28 0.46 0.00	37.05 0.73 0.00	37.13 0.76 0.00	38.89 0.76 0.00	39.17 0.88 0.00	41.40 1.01 0.00	42.36 0.99 0.00	47.33 1.24 0.00	45.91 1.16 0.00	39.16 0.99 0.00	39.06 0.99 0.00	35.64 0.56 0.00	32.21 0.51 0.00	30.61 0.48 0.00
BETHLEHEM___GS2 323561	33.00 0.55 0.00	30.52 0.54 0.00	27.04 0.45 0.00	25.41 0.47 0.00	25.11 0.52 0.00	26.16 0.46 0.00	28.96 0.45 0.00	32.29 0.48 0.00	34.73 0.61 -0.03	36.18 0.60 -0.01	36.28 0.46 0.00	37.05 0.73 0.00	37.13 0.76 0.00	38.89 0.76 0.00	39.17 0.88 0.00	41.40 1.01 0.00	42.36 0.99 0.00	47.33 1.24 0.00	45.91 1.16 0.00	39.16 0.99 0.00	39.06 0.99 0.00	35.64 0.56 0.00	32.21 0.51 0.00	30.61 0.48 0.00
BETHLEHEM___GS3 323562	33.00 0.55 0.00	30.52 0.54 0.00	27.04 0.45 0.00	25.41 0.47 0.00	25.11 0.52 0.00	26.16 0.46 0.00	28.96 0.45 0.00	32.29 0.48 0.00	34.73 0.61 -0.03	36.18 0.60 -0.01	36.28 0.46 0.00	37.05 0.73 0.00	37.13 0.76 0.00	38.89 0.76 0.00	39.17 0.88 0.00	41.40 1.01 0.00	42.36 0.99 0.00	47.33 1.24 0.00	45.91 1.16 0.00	39.16 0.99 0.00	39.06 0.99 0.00	35.64 0.56 0.00	32.21 0.51 0.00	30.61 0.48 0.00
BETHLEHEM___STEEL 23779	32.51 0.06 0.00	29.56 -0.42 0.00	26.51 -0.08 0.00	24.76 -0.17 0.00	24.30 -0.30 0.00	25.60 -0.10 0.00	28.28 -0.23 0.00	31.05 -0.76 0.00	32.97 -1.13 0.00	34.46 -1.10 0.01	35.53 -0.29 0.00	36.14 -0.18 0.00	36.36 0.00 0.00	38.13 0.00 -0.01	37.91 -0.38 -0.01	40.08 -0.32 -0.01	41.57 0.21 0.00	45.91 -0.18 -0.01	44.75 0.00 0.00	37.63 -0.53 0.00	37.54 -0.53 0.00	34.63 -0.46 0.00	31.04 -0.67 0.00	29.83 -0.30 0.00
BETHLHEM_115KV_TB1 79974	33.10 0.65 0.00	30.61 0.63 0.00	27.09 0.51 0.00	25.46 0.52 0.00	25.16 0.57 0.00	26.21 0.51 0.00	29.02 0.51 0.00	32.35 0.54 0.00	34.80 0.68 -0.03	36.26 0.68 -0.01	36.35 0.54 0.00	37.12 0.80 0.00	37.24 0.87 0.00	39.00 0.88 0.00	39.28 1.00 0.00	41.52 1.13 0.00	42.48 1.12 0.00	47.43 1.34 0.00	46.05 1.30 0.00	39.24 1.07 0.00	39.10 1.03 0.00	35.75 0.67 0.00	32.31 0.60 0.00	30.71 0.57 0.00
BETHPAGE_CC_5 323564	38.53 2.86 -3.23	37.56 2.61 -4.97	36.03 2.23 -7.21	28.87 2.07 -1.86	29.53 2.02 -2.92	32.82 2.11 -5.02	33.26 2.34 -2.41	37.58 2.83 -2.94	38.40 3.13 -1.17	38.84 3.20 -0.07	38.93 3.11 0.00	40.96 3.74 -0.90	40.52 3.89 -0.26	42.17 4.04 0.00	42.54 4.10 -0.16	55.31 4.76 -10.15	63.79 4.84 -17.58	63.33 5.21 -12.04	49.63 4.88 0.00	42.06 3.90 0.00	41.84 3.77 0.00	38.28 3.19 0.00	34.46 2.76 0.00	33.03 2.89 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.58 0.13 0.00	29.62 -0.36 0.00	26.53 -0.05 0.00	24.81 -0.12 0.00	24.35 -0.25 0.00	25.65 -0.05 0.00	28.34 -0.17 0.00	31.14 -0.67 0.00	33.07 -1.02 0.00	34.56 -1.00 0.01	35.64 -0.18 0.00	36.25 -0.07 0.00	36.54 0.18 0.00	38.32 0.19 -0.01	38.10 -0.19 -0.01	40.28 -0.12 -0.01	41.78 0.41 0.00	46.14 0.05 -0.01	44.98 0.22 0.00	37.79 -0.38 0.00	37.69 -0.38 0.00	34.73 -0.35 0.00	31.17 -0.54 0.00	29.89 -0.24 0.00

BINGHAMTON___COGEN 23790	32.95 0.45 -0.05	30.25 0.27 0.00	26.91 0.32 0.00	25.21 0.27 0.00	24.82 0.22 0.00	25.98 0.28 0.00	28.85 0.34 0.00	32.38 0.57 0.00	34.72 0.55 -0.08	36.28 0.57 -0.14	36.64 0.82 0.00	37.38 1.05 0.00	37.34 0.98 0.00	39.16 1.03 0.00	39.28 1.00 0.00	41.60 1.21 0.00	42.77 1.41 0.00	47.56 1.47 0.00	46.18 1.43 0.00	39.16 0.99 0.00	39.02 0.95 0.00	35.82 0.74 0.00	32.24 0.54 0.00	30.62 0.48 0.00
BIXINCNT_115KV_LOAD 355685	32.74 0.29 0.00	29.74 -0.24 0.00	26.67 0.08 0.00	24.96 0.02 0.00	24.47 -0.12 0.00	25.75 0.05 0.00	28.57 0.06 0.00	31.49 -0.32 0.00	33.44 -0.65 0.00	34.96 -0.60 0.01	36.07 0.25 0.00	36.72 0.40 0.00	37.02 0.65 0.00	38.82 0.69 0.00	38.64 0.34 0.00	40.80 0.40 0.00	42.23 0.87 0.00	46.74 0.65 0.00	45.56 0.81 0.00	38.28 0.11 0.00	38.11 0.04 0.00	35.12 0.04 0.00	31.51 -0.19 0.00	30.13 0.00 0.00
BLACK RIVER___HYD 24047	32.73 0.16 -0.11	30.13 0.15 0.00	26.72 0.13 0.00	25.06 0.13 0.00	24.74 0.15 0.00	26.03 0.33 0.00	28.96 0.45 0.00	32.29 0.48 0.00	34.58 0.31 -0.18	36.12 0.25 -0.31	35.96 0.14 0.00	36.47 0.15 0.00	36.36 0.00 0.00	38.20 0.08 0.00	38.13 -0.15 0.00	40.07 -0.32 0.00	41.16 -0.21 0.00	46.04 -0.05 0.00	44.98 0.22 0.00	38.66 0.49 0.00	38.76 0.69 0.00	35.47 0.39 0.00	31.80 0.10 0.00	30.16 0.03 0.00
BLACKRVR_115KV_TB2 79977	32.72 0.16 -0.11	30.13 0.15 0.00	26.72 0.13 0.00	25.06 0.12 0.00	24.74 0.15 0.00	26.03 0.33 0.00	28.96 0.46 0.00	32.29 0.48 0.00	34.58 0.31 -0.18	36.12 0.25 -0.31	35.96 0.14 0.00	36.43 0.11 0.00	36.36 0.00 0.00	38.20 0.08 0.00	38.13 -0.15 0.00	40.03 -0.36 0.00	41.16 -0.21 0.00	46.04 -0.05 0.00	44.98 0.22 0.00	38.63 0.46 0.00	38.79 0.72 0.00	35.47 0.39 0.00	31.80 0.10 0.00	30.16 0.03 0.00
BLISS_WT_PWR 323608	32.74 0.29 0.00	29.74 -0.24 0.00	26.64 0.05 0.00	24.94 0.00 0.00	24.45 -0.15 0.00	25.78 0.08 0.00	28.57 0.06 0.00	31.49 -0.32 0.00	33.44 -0.65 0.00	34.92 -0.64 0.01	36.03 0.22 0.00	37.01 0.69 0.00	37.02 0.66 0.00	38.85 0.72 0.00	38.83 0.54 0.00	40.84 0.45 0.00	42.23 0.87 0.00	46.83 0.74 0.00	45.60 0.85 0.00	38.40 0.23 0.00	38.18 0.11 0.00	35.16 0.07 0.00	31.51 -0.19 0.00	30.13 0.00 0.00
BLUESTONE___WT_PWR 323821	34.44 1.95 -0.05	31.72 1.74 0.00	28.15 1.57 0.00	26.41 1.47 0.00	26.02 1.43 0.00	27.35 1.65 0.00	30.42 1.91 0.00	34.80 2.99 0.00	37.11 2.93 -0.09	38.77 3.06 -0.15	39.07 3.26 0.00	39.96 3.63 0.00	39.82 3.46 0.00	41.87 3.74 0.00	41.96 3.68 0.00	44.27 3.88 0.00	45.75 4.38 0.00	51.16 5.07 0.00	49.72 4.97 0.00	42.21 4.04 0.00	42.33 4.26 0.00	38.38 3.30 0.00	34.27 2.57 0.00	32.45 2.32 0.00
BLUE_CIRC_CHEM_DRP 24182	33.45 1.01 0.00	30.94 0.96 0.00	27.41 0.82 0.00	25.76 0.82 0.00	25.43 0.84 0.00	26.50 0.80 0.00	29.36 0.86 0.00	32.67 0.86 0.00	35.04 0.92 -0.02	36.43 0.85 -0.01	36.53 0.72 0.00	37.27 0.94 0.00	37.34 0.98 0.00	39.12 0.99 0.00	39.40 1.11 0.00	41.65 1.25 0.00	42.65 1.28 0.00	47.70 1.61 0.00	46.36 1.61 0.00	39.54 1.37 0.00	39.48 1.41 0.00	36.10 1.02 0.00	32.59 0.89 0.00	30.98 0.84 0.00
BOC_GAS_DRP 24189	33.26 0.81 0.00	30.73 0.75 0.00	27.22 0.64 0.00	25.59 0.65 0.00	25.23 0.64 0.00	26.32 0.62 0.00	29.14 0.63 0.00	32.51 0.70 0.00	34.93 0.82 -0.03	36.40 0.82 -0.01	36.57 0.75 0.00	37.30 0.98 0.00	37.42 1.05 0.00	39.23 1.11 0.00	39.47 1.19 0.00	41.77 1.37 0.00	42.69 1.32 0.00	47.61 1.52 0.00	46.23 1.48 0.00	39.39 1.22 0.00	39.25 1.18 0.00	35.93 0.84 0.00	32.50 0.79 0.00	30.89 0.75 0.00
BOONVILLE_115KV_TB1 79983	33.16 0.68 -0.03	30.61 0.63 0.00	27.14 0.56 0.00	25.46 0.52 0.00	25.11 0.52 0.00	26.34 0.64 0.00	29.28 0.77 0.00	32.67 0.86 0.00	35.02 0.89 -0.05	36.57 0.92 -0.08	36.67 0.86 0.00	37.27 0.94 0.00	37.31 0.95 0.00	39.16 1.03 0.00	39.28 1.00 0.00	41.32 0.93 0.00	42.40 1.03 0.00	47.33 1.24 0.00	46.05 1.30 0.00	39.31 1.15 0.00	39.33 1.26 0.00	35.96 0.88 0.00	32.34 0.63 0.00	30.71 0.57 0.00
BORALEX_4TH_BRANCH 23824	34.27 1.82 0.00	31.66 1.68 0.00	28.05 1.46 0.00	26.31 1.37 0.00	26.00 1.40 0.00	27.09 1.39 0.00	29.99 1.48 0.00	33.40 1.59 0.00	35.89 1.77 -0.03	37.40 1.81 -0.01	37.36 1.54 0.00	38.18 1.85 0.00	38.25 1.89 0.00	40.11 1.98 0.00	40.35 2.07 0.00	42.70 2.30 0.00	43.85 2.48 0.00	48.99 2.90 0.00	47.57 2.82 0.00	40.61 2.44 0.00	40.47 2.40 0.00	36.80 1.72 0.00	33.38 1.68 0.00	31.82 1.69 0.00
BOWLINE___1 23526	34.33 1.88 0.00	31.72 1.74 0.00	28.10 1.51 0.00	26.31 1.37 0.00	25.92 1.33 0.00	27.06 1.36 0.00	29.99 1.48 0.00	33.56 1.75 0.00	35.80 1.98 0.27	37.50 2.06 0.13	37.93 2.11 0.00	38.90 2.58 0.00	39.13 2.76 0.00	41.06 2.94 0.00	41.35 3.06 0.00	43.82 3.43 0.00	44.80 3.43 0.00	49.82 3.73 0.00	48.24 3.49 0.00	40.95 2.78 0.00	40.73 2.66 0.00	37.19 2.10 0.00	33.80 2.09 0.00	32.12 1.99 0.00
BOWLINE___2 23595	34.30 1.85 0.00	31.72 1.74 0.00	28.07 1.49 0.00	26.31 1.37 0.00	25.92 1.33 0.00	27.06 1.36 0.00	29.99 1.48 0.00	33.56 1.75 0.00	35.80 1.98 0.27	37.54 2.10 0.13	37.93 2.11 0.00	38.94 2.62 0.00	39.13 2.76 0.00	41.06 2.94 0.00	41.35 3.06 0.00	43.82 3.43 0.00	44.80 3.43 0.00	49.82 3.73 0.00	48.24 3.49 0.00	40.95 2.78 0.00	40.73 2.66 0.00	37.19 2.10 0.00	33.83 2.12 0.00	32.18 2.05 0.00
BRADY___115KV_TB2 356060	32.22 -0.23 0.00	29.92 -0.06 0.00	26.53 -0.05 0.00	24.86 -0.07 0.00	24.55 -0.05 0.00	25.78 0.08 0.00	28.65 0.14 0.00	31.91 0.10 0.00	34.06 -0.03 0.00	35.50 -0.07 0.00	35.53 -0.29 0.00	35.60 -0.73 0.00	35.31 -1.05 0.00	37.06 -1.07 0.00	37.02 -1.26 0.00	38.54 -1.86 0.00	39.59 -1.78 0.00	44.02 -2.07 0.00	42.87 -1.88 0.00	37.33 -0.84 0.00	37.54 -0.53 0.00	34.80 -0.28 0.00	31.32 -0.38 0.00	29.92 -0.21 0.00
BRANSCOMB___SOLAR 323811	34.43 1.98 0.00	31.90 1.92 0.00	28.15 1.57 0.00	26.43 1.50 0.00	26.10 1.50 0.00	27.29 1.59 0.00	30.33 1.83 0.00	33.69 1.88 0.00	36.16 2.05 -0.03	37.68 2.10 -0.01	37.60 1.79 0.00	38.39 2.07 0.00	38.40 2.04 0.00	40.15 2.02 0.00	40.43 2.14 0.00	42.74 2.34 0.00	43.76 2.40 0.00	49.18 3.09 0.00	48.02 3.27 0.00	40.92 2.75 0.00	41.00 2.93 0.00	37.33 2.25 0.00	33.54 1.84 0.00	31.88 1.75 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	38.85 3.18 -3.22	37.83 2.88 -4.97	36.29 2.50 -7.21	29.12 2.32 -1.86	29.77 2.26 -2.91	33.08 2.36 -5.02	33.60 2.68 -2.41	37.87 3.12 -2.94	38.70 3.44 -1.17	39.16 3.52 -0.07	39.07 3.26 0.00	40.78 4.03 -0.43	40.76 4.25 -0.15	42.62 4.46 -0.03	45.08 4.75 -2.04	50.15 5.25 -4.50	60.21 5.17 -13.67	63.84 5.72 -12.04	50.17 5.41 0.00	42.48 4.31 0.00	42.11 4.04 0.00	38.59 3.47 -0.03	34.72 3.01 0.00	33.42 3.28 0.00



BRISTLHL_115KV_TB1 79998	32.34 -0.36 -0.25	29.59 -0.39 0.00	26.27 -0.32 0.00	24.61 -0.32 0.00	24.28 -0.32 0.00	25.39 -0.31 0.00	28.17 -0.34 0.00	31.43 -0.38 0.00	34.01 -0.48 -0.39	35.78 -0.46 -0.67	35.42 -0.39 0.00	36.03 -0.29 0.00	36.11 -0.25 0.00	37.82 -0.31 0.00	37.98 -0.31 0.00	39.99 -0.40 0.00	41.03 -0.33 0.00	45.77 -0.32 0.00	44.39 -0.36 0.00	37.75 -0.42 0.00	37.69 -0.38 0.00	34.63 -0.46 0.00	31.26 -0.44 0.00	29.65 -0.48 0.00
BROOKHAVEN___DRP 24191	38.40 2.73 -3.22	37.38 2.43 -4.97	35.97 2.18 -7.21	28.80 2.00 -1.86	29.40 1.89 -2.91	32.72 2.00 -5.02	33.20 2.28 -2.41	37.46 2.70 -2.94	38.26 3.00 -1.17	38.69 3.06 -0.07	38.75 2.94 0.00	40.33 3.67 -0.34	40.35 3.89 -0.10	42.21 4.08 0.00	42.90 4.36 -0.25	49.50 5.25 -3.86	59.55 4.96 -13.23	63.90 5.76 -12.05	50.27 5.50 -0.01	42.45 4.27 -0.01	42.15 4.07 -0.01	38.21 3.12 0.00	34.34 2.63 0.00	33.00 2.86 0.00
BROOKLYN_NAVY_YARD 23515	34.88 2.43 0.00	32.20 2.22 0.00	28.47 1.89 0.00	26.63 1.70 0.00	26.24 1.65 0.00	27.45 1.75 0.00	30.47 1.97 0.00	34.32 2.51 0.00	37.10 2.86 -0.14	38.66 3.02 -0.07	40.57 3.22 -1.53	42.29 3.63 -2.34	41.76 3.82 -1.58	42.36 3.97 -0.26	42.97 4.06 -0.63	44.93 4.52 -0.02	45.87 4.51 0.00	50.97 4.88 0.00	49.32 4.57 0.00	41.91 3.74 0.00	41.69 3.62 0.00	38.10 3.02 0.00	34.56 2.85 0.00	32.73 2.59 0.00
BROOKLYN___ARMY_DRP 323595	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.90 0.00	26.42 1.82 0.00	27.58 1.88 0.00	30.67 2.17 0.00	34.61 2.80 0.00	51.56 3.14 -14.33	38.91 3.27 -0.07	40.68 3.29 -1.57	43.63 3.89 -3.42	45.77 4.15 -5.26	71.12 4.35 -28.65	71.25 4.52 -28.44	80.54 4.93 -35.22	67.39 4.84 -21.19	126.33 5.16 -75.08	68.61 5.01 -18.84	67.51 4.16 -25.18	100.18 3.88 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
BROOKVLE_69_KV_TB1 55790	38.88 3.21 -3.22	37.86 2.91 -4.97	36.29 2.50 -7.21	29.10 2.29 -1.86	29.72 2.21 -2.91	33.05 2.34 -5.02	33.54 2.62 -2.41	37.87 3.12 -2.94	38.81 3.55 -1.17	39.33 3.70 -0.07	39.47 3.65 0.00	43.62 4.32 -2.97	41.76 4.55 -0.85	42.74 4.61 0.00	43.19 4.90 0.00	79.48 5.45 -33.63	80.63 5.46 -33.80	64.03 5.90 -12.04	50.30 5.55 0.00	42.71 4.54 0.00	42.33 4.26 0.00	38.80 3.72 0.00	34.94 3.23 0.00	33.33 3.19 0.00
BROOME_2_LFGE 323671	32.95 0.45 -0.05	30.25 0.27 0.00	26.91 0.32 0.00	25.21 0.27 0.00	24.82 0.22 0.00	25.98 0.28 0.00	28.85 0.34 0.00	32.39 0.57 0.00	34.72 0.54 -0.08	36.28 0.57 -0.14	36.64 0.82 0.00	37.45 1.13 0.00	37.35 0.98 0.00	39.19 1.07 0.00	39.32 1.03 0.00	41.60 1.21 0.00	42.77 1.41 0.00	47.61 1.52 0.00	46.18 1.43 0.00	39.20 1.03 0.00	39.10 1.03 0.00	35.82 0.74 0.00	32.28 0.57 0.00	30.61 0.48 0.00
BROOME___LFGE 323600	32.95 0.45 -0.05	30.25 0.27 0.00	26.91 0.32 0.00	25.21 0.27 0.00	24.82 0.22 0.00	25.98 0.28 0.00	28.85 0.34 0.00	32.39 0.57 0.00	34.72 0.54 -0.08	36.28 0.57 -0.14	36.64 0.82 0.00	37.45 1.13 0.00	37.35 0.98 0.00	39.19 1.07 0.00	39.32 1.03 0.00	41.60 1.21 0.00	42.77 1.41 0.00	47.61 1.52 0.00	46.18 1.43 0.00	39.20 1.03 0.00	39.10 1.03 0.00	35.82 0.74 0.00	32.28 0.57 0.00	30.61 0.48 0.00
BROWNFLS_115KV_TB_3_5 80003	32.14 -0.36 -0.05	29.74 -0.24 0.00	26.35 -0.24 0.00	24.71 -0.22 0.00	24.40 -0.20 0.00	25.62 -0.08 0.00	28.54 0.03 0.00	31.81 0.00 0.00	34.03 -0.14 -0.08	35.52 -0.18 -0.13	35.35 -0.47 0.00	35.60 -0.73 0.00	35.34 -1.02 0.00	37.14 -0.99 0.00	37.10 -1.19 0.00	38.82 -1.58 0.00	39.96 -1.41 0.00	44.52 -1.57 0.00	43.41 -1.34 0.00	37.48 -0.69 0.00	37.65 -0.42 0.00	34.63 -0.46 0.00	31.17 -0.54 0.00	29.77 -0.36 0.00
BROWNSV1_27_KV_LOAD 356125	35.30 2.86 0.00	32.56 2.58 0.00	28.77 2.18 0.00	26.91 1.97 0.00	26.49 1.89 0.00	27.70 2.00 0.00	30.82 2.31 0.00	34.68 2.86 0.00	37.47 3.24 -0.14	39.05 3.41 -0.07	40.78 3.44 -1.53	42.66 4.00 -2.34	42.16 4.22 -1.58	42.81 4.42 -0.26	43.51 4.59 -0.63	45.46 5.05 -0.02	46.37 5.01 0.00	51.53 5.44 0.00	49.90 5.15 0.00	42.40 4.24 0.00	42.03 3.96 0.00	38.49 3.40 0.00	34.94 3.23 0.00	33.06 2.92 0.00
BURROWS___LYONSDAL 23803	33.04 0.55 -0.04	30.49 0.51 0.00	27.04 0.45 0.00	25.36 0.42 0.00	25.01 0.42 0.00	26.26 0.57 0.00	29.19 0.68 0.00	32.58 0.76 0.00	34.90 0.75 -0.06	36.41 0.75 -0.10	36.50 0.68 0.00	37.05 0.73 0.00	37.05 0.69 0.00	38.93 0.80 0.00	39.01 0.73 0.00	41.04 0.65 0.00	42.11 0.74 0.00	47.06 0.97 0.00	45.74 0.98 0.00	39.12 0.95 0.00	39.17 1.10 0.00	35.82 0.74 0.00	32.21 0.51 0.00	30.59 0.45 0.00
CAITHNESS_CC_1 323624	38.33 2.66 -3.22	37.35 2.40 -4.97	35.95 2.15 -7.21	28.77 1.97 -1.86	29.40 1.89 -2.91	32.69 1.98 -5.02	33.14 2.23 -2.41	37.43 2.67 -2.94	38.19 2.93 -1.17	38.59 2.95 -0.07	38.75 2.94 0.00	40.26 3.60 -0.34	40.21 3.75 -0.10	42.13 4.00 0.00	42.55 4.02 -0.24	49.08 4.85 -3.84	59.47 4.88 -13.22	63.57 5.44 -12.05	49.99 5.23 -0.01	42.18 4.01 -0.01	42.08 4.00 -0.01	38.11 3.02 0.00	34.21 2.50 0.00	32.97 2.83 0.00
CALPINE BETH_PAGE_GT4 24209	38.53 2.86 -3.22	37.56 2.61 -4.97	36.03 2.23 -7.21	28.85 2.04 -1.86	29.50 1.99 -2.91	32.80 2.08 -5.02	33.29 2.37 -2.41	37.55 2.80 -2.94	38.40 3.14 -1.17	38.87 3.24 -0.07	38.90 3.08 0.00	41.25 3.78 -1.14	40.73 4.04 -0.33	42.13 4.00 0.00	42.69 4.29 -0.12	58.12 4.81 -12.92	65.65 4.80 -19.49	63.29 5.16 -12.04	49.63 4.88 0.00	42.25 4.08 0.00	41.88 3.81 0.00	38.31 3.23 0.00	34.53 2.82 0.00	33.03 2.89 0.00
CALPINE_BETH_PAGE_GT_4 323586	38.53 2.86 -3.23	37.56 2.61 -4.97	36.03 2.23 -7.21	28.85 2.05 -1.87	29.50 1.99 -2.92	32.80 2.08 -5.02	33.26 2.34 -2.41	37.55 2.80 -2.94	38.40 3.13 -1.17	38.84 3.20 -0.07	38.97 3.15 0.00	41.28 3.81 -1.14	40.62 3.93 -0.33	42.13 4.00 0.00	42.50 4.10 -0.12	58.04 4.72 -12.92	65.70 4.84 -19.50	63.29 5.16 -12.04	49.63 4.88 0.00	42.14 3.97 0.00	41.91 3.84 0.00	38.31 3.23 0.00	34.50 2.79 0.00	33.03 2.89 0.00
CALPINE_BP_GT1 23823	38.53 2.86 -3.23	37.56 2.61 -4.97	36.03 2.23 -7.21	28.85 2.05 -1.87	29.50 1.99 -2.92	32.80 2.08 -5.02	33.26 2.34 -2.41	37.55 2.80 -2.94	38.40 3.13 -1.17	38.84 3.20 -0.07	38.97 3.15 0.00	41.28 3.81 -1.14	40.62 3.93 -0.33	42.13 4.00 0.00	42.50 4.10 -0.12	58.04 4.72 -12.92	65.70 4.84 -19.50	63.29 5.16 -12.04	49.63 4.88 0.00	42.14 3.97 0.00	41.91 3.84 0.00	38.31 3.23 0.00	34.50 2.79 0.00	33.03 2.89 0.00
CALSPAN___DRP 24200	32.51 0.06 0.00	29.56 -0.42 0.00	26.51 -0.08 0.00	24.76 -0.17 0.00	24.30 -0.30 0.00	25.60 -0.10 0.00	28.28 -0.23 0.00	31.05 -0.76 0.00	32.97 -1.13 0.00	34.46 -1.10 0.01	35.53 -0.29 0.00	36.14 -0.18 0.00	36.36 0.00 0.00	38.13 0.00 -0.01	37.91 -0.38 -0.01	40.08 -0.32 -0.01	41.57 0.21 0.00	45.91 -0.18 -0.01	44.75 0.00 0.00	37.63 -0.53 0.00	37.54 -0.53 0.00	34.63 -0.46 0.00	31.04 -0.67 0.00	29.83 -0.30 0.00

CALVERTON___SOLAR 323806	38.43 2.76 -3.22	37.44 2.49 -4.97	36.00 2.21 -7.21	28.82 2.02 -1.86	29.45 1.94 -2.91	32.77 2.06 -5.02	33.23 2.31 -2.41	37.52 2.77 -2.94	38.33 3.07 -1.17	38.73 3.09 -0.07	38.97 3.15 0.00	40.51 3.85 -0.34	40.46 4.00 -0.10	42.40 4.27 0.00	42.82 4.29 -0.25	49.47 5.21 -3.87	59.81 5.21 -13.24	64.12 5.99 -12.05	50.54 5.78 -0.01	42.53 4.35 -0.01	42.46 4.38 -0.01	38.35 3.26 0.00	34.33 2.63 0.00	33.09 2.95 0.00
CANDIGU_WT_PWR 323617	32.77 0.29 -0.03	29.95 -0.03 0.00	26.72 0.13 0.00	25.01 0.08 0.00	24.57 -0.02 0.00	25.85 0.16 0.00	28.65 0.14 0.00	31.72 -0.10 0.00	33.80 -0.34 -0.05	35.29 -0.36 -0.07	36.03 0.22 0.00	37.01 0.69 0.00	37.02 0.66 0.00	38.81 0.69 0.00	38.82 0.54 0.00	41.00 0.61 0.00	42.32 0.95 0.00	46.96 0.87 0.00	45.65 0.89 0.00	38.63 0.46 0.00	38.49 0.42 0.00	35.40 0.32 0.00	31.74 0.03 0.00	30.22 0.09 0.00
CARR STREET_E_SYR 24060	32.36 -0.16 -0.07	29.77 -0.21 0.00	26.43 -0.16 0.00	24.76 -0.17 0.00	24.42 -0.17 0.00	25.55 -0.15 0.00	28.37 -0.14 0.00	31.65 -0.16 0.00	33.98 -0.24 -0.12	35.56 -0.21 -0.20	35.74 -0.07 0.00	36.32 0.00 0.00	36.33 -0.04 0.00	38.09 -0.04 0.00	38.21 -0.08 0.00	40.47 0.08 0.00	41.57 0.21 0.00	46.18 0.09 0.00	44.75 0.00 0.00	38.05 -0.11 0.00	37.96 -0.11 0.00	34.95 -0.14 0.00	31.51 -0.19 0.00	29.92 -0.21 0.00
CARTHAGE___PAPER 23857	32.58 0.03 -0.10	30.04 0.06 0.00	26.61 0.03 0.00	24.96 0.02 0.00	24.64 0.05 0.00	25.90 0.20 0.00	28.85 0.34 0.00	32.16 0.35 0.00	34.41 0.17 -0.15	35.93 0.11 -0.26	35.78 -0.04 0.00	36.22 -0.11 0.00	36.11 -0.25 0.00	37.94 -0.19 0.00	37.87 -0.42 0.00	39.75 -0.65 0.00	40.87 -0.49 0.00	45.67 -0.42 0.00	44.62 -0.13 0.00	38.36 0.19 0.00	38.45 0.38 0.00	35.26 0.18 0.00	31.64 -0.06 0.00	30.04 -0.09 0.00
CASSADAGA_WT_PWR 323784	33.32 0.88 0.00	30.25 0.27 0.00	27.15 0.56 0.00	25.39 0.45 0.00	24.91 0.32 0.00	26.29 0.59 0.00	29.13 0.63 0.00	32.20 0.38 0.00	34.06 -0.03 0.00	35.63 0.07 0.01	36.78 0.97 0.00	37.88 1.56 0.00	37.82 1.46 0.00	39.66 1.53 0.00	39.40 1.11 0.00	41.57 1.17 0.00	42.90 1.53 0.00	47.38 1.29 0.00	46.18 1.43 0.00	38.86 0.69 0.00	38.53 0.46 0.00	35.36 0.28 0.00	31.67 -0.03 0.00	30.22 0.09 0.00
CE_DUNWOOD___DRP 24194	34.65 2.21 0.00	32.02 2.04 0.00	28.31 1.73 0.00	26.51 1.57 0.00	26.12 1.52 0.00	27.29 1.59 0.00	30.30 1.80 0.00	34.01 2.20 0.00	36.70 2.45 -0.15	38.24 2.60 -0.07	38.39 2.58 0.00	39.41 3.09 0.00	39.71 3.35 0.00	41.60 3.47 0.00	41.96 3.68 0.00	44.47 4.08 0.00	45.38 4.01 0.00	50.47 4.38 0.00	48.91 4.16 0.00	41.53 3.36 0.00	41.19 3.12 0.00	37.68 2.60 0.00	34.18 2.47 0.00	32.42 2.29 0.00
CE_MILLWOOD___DRP 24193	34.59 2.14 0.00	31.93 1.95 0.00	28.26 1.67 0.00	26.46 1.52 0.00	26.07 1.48 0.00	27.22 1.52 0.00	30.22 1.71 0.00	33.88 2.07 0.00	36.61 2.35 -0.17	38.10 2.45 -0.08	38.29 2.47 0.00	39.27 2.94 0.00	39.53 3.16 0.00	41.44 3.32 0.00	41.77 3.48 0.00	44.31 3.92 0.00	45.21 3.85 0.00	50.28 4.19 0.00	48.73 3.98 0.00	41.37 3.21 0.00	41.08 3.01 0.00	37.54 2.46 0.00	34.08 2.38 0.00	32.33 2.20 0.00
CE_NYC2_DRP 24202	35.08 2.63 0.00	32.39 2.40 -0.01	28.58 1.99 0.00	26.73 1.80 0.00	26.32 1.72 0.00	27.50 1.80 0.00	30.59 2.08 0.00	34.48 2.67 0.00	39.26 3.00 -2.17	38.77 3.13 -0.07	40.51 3.12 -1.57	42.40 3.67 -2.41	42.28 3.89 -2.03	42.48 4.08 -0.27	43.19 4.25 -0.65	45.09 4.69 -0.02	45.91 4.55 0.00	50.93 4.84 0.00	49.41 4.65 0.00	42.06 3.89 0.00	41.69 3.62 0.00	38.25 3.16 -0.01	34.69 2.98 -0.01	32.88 2.74 -0.01
CE_NYC_DRP 24195	34.98 2.53 0.00	32.29 2.31 0.00	28.53 1.94 0.00	26.68 1.75 0.00	26.29 1.70 0.00	27.47 1.77 0.00	30.56 2.05 0.00	34.39 2.58 0.00	37.13 2.90 -0.14	38.69 3.06 -0.07	40.41 3.08 -1.52	42.24 3.60 -2.32	41.78 3.85 -1.57	42.39 4.00 -0.26	43.09 4.17 -0.63	45.01 4.60 -0.02	45.91 4.55 0.00	50.98 4.89 0.00	49.41 4.65 0.00	41.99 3.82 0.00	41.61 3.54 0.00	38.10 3.02 0.00	34.59 2.89 0.00	32.76 2.62 0.00
CHAFFEE___LFGE 323603	32.58 0.13 0.00	29.62 -0.36 0.00	26.56 -0.03 0.00	24.81 -0.12 0.00	24.37 -0.22 0.00	25.70 0.00 0.00	28.37 -0.14 0.00	31.18 -0.64 0.00	33.07 -1.02 0.00	34.56 -1.00 0.01	35.60 -0.21 0.00	36.61 0.29 0.00	36.58 0.22 0.00	38.44 0.30 0.00	38.33 0.04 0.00	40.40 0.00 0.00	41.86 0.50 0.00	46.33 0.23 0.00	45.11 0.36 0.00	37.98 -0.19 0.00	37.81 -0.26 0.00	34.84 -0.24 0.00	31.20 -0.51 0.00	29.92 -0.21 0.00
CHATEAUG_35_KV_LOAD 355732	32.55 0.10 0.00	30.22 0.24 0.00	26.83 0.24 0.00	25.11 0.17 0.00	24.77 0.17 0.00	26.01 0.31 0.00	28.94 0.43 0.00	32.29 0.48 0.00	34.53 0.44 0.00	36.03 0.46 0.00	36.17 0.36 0.00	36.36 0.04 0.00	36.07 -0.29 0.00	37.82 -0.31 0.00	37.71 -0.57 0.00	39.71 -0.69 0.00	40.83 -0.54 0.00	45.17 -0.92 0.00	44.13 -0.63 0.00	37.90 -0.27 0.00	38.15 0.08 0.00	35.37 0.28 0.00	31.80 0.10 0.00	30.22 0.09 0.00
CHATEAUG_WT_PWR 323614	32.51 0.07 0.00	30.19 0.21 0.00	26.80 0.21 0.00	25.09 0.15 0.00	24.74 0.15 0.00	25.96 0.26 0.00	28.88 0.37 0.00	32.26 0.45 0.00	34.53 0.44 0.00	36.03 0.46 0.00	36.17 0.36 0.00	36.29 -0.04 0.00	36.18 -0.18 0.00	37.86 -0.27 0.00	37.79 -0.50 0.00	39.83 -0.57 0.00	40.74 -0.62 0.00	44.98 -1.11 0.00	44.08 -0.67 0.00	37.86 -0.31 0.00	37.84 -0.23 0.00	35.30 0.21 0.00	31.74 0.03 0.00	30.16 0.03 0.00
CHAT_HIGH_FALL_HYD 323578	32.55 0.10 0.00	30.22 0.24 0.00	26.83 0.24 0.00	25.11 0.17 0.00	24.77 0.17 0.00	26.01 0.31 0.00	28.94 0.43 0.00	32.29 0.48 0.00	34.53 0.44 0.00	36.03 0.46 0.00	36.17 0.36 0.00	36.36 0.04 0.00	36.07 -0.29 0.00	37.82 -0.31 0.00	37.71 -0.57 0.00	39.71 -0.69 0.00	40.83 -0.54 0.00	45.17 -0.92 0.00	44.13 -0.63 0.00	37.90 -0.27 0.00	38.15 0.08 0.00	35.37 0.28 0.00	31.80 0.10 0.00	30.22 0.09 0.00
CHAUTAUQUA___LFGE 323629	33.00 0.55 0.00	29.98 0.00 0.00	26.88 0.29 0.00	25.14 0.20 0.00	24.67 0.07 0.00	26.01 0.31 0.00	28.76 0.26 0.00	31.75 -0.06 0.00	33.65 -0.44 0.00	35.17 -0.39 0.01	36.32 0.50 0.00	37.38 1.05 0.00	37.31 0.94 0.00	39.16 1.03 0.00	39.02 0.73 0.00	41.08 0.69 0.00	42.48 1.12 0.00	46.97 0.87 0.00	45.78 1.03 0.00	38.59 0.42 0.00	38.34 0.27 0.00	35.26 0.18 0.00	31.58 -0.13 0.00	30.19 0.06 0.00
CHERRYST_13_KV_LD 356241	35.11 2.66 0.00	32.41 2.43 0.00	28.63 2.05 0.00	26.78 1.85 0.00	26.39 1.80 0.00	27.60 1.90 0.00	30.67 2.17 0.00	34.55 2.74 0.00	37.34 3.10 -0.14	38.91 3.27 -0.07	40.63 3.29 -1.52	42.46 3.81 -2.32	42.00 4.07 -1.57	42.62 4.23 -0.26	43.32 4.40 -0.63	45.30 4.89 -0.02	46.16 4.80 0.00	51.25 5.16 0.00	49.63 4.88 0.00	42.14 3.97 0.00	41.80 3.73 0.00	38.28 3.19 0.00	34.72 3.01 0.00	32.88 2.74 0.00

CHESTROR_138KV_BK263 355645	34.14 1.69 0.00	31.54 1.56 0.00	27.92 1.33 0.00	26.16 1.22 0.00	25.78 1.18 0.00	26.91 1.21 0.00	29.88 1.37 0.00	33.37 1.56 0.00	35.71 1.77 0.15	37.35 1.85 0.07	37.68 1.86 0.00	38.61 2.29 0.00	38.84 2.47 0.00	40.76 2.63 0.00	41.04 2.76 0.00	43.50 3.11 0.00	44.42 3.06 0.00	49.45 3.36 0.00	47.93 3.18 0.00	40.73 2.56 0.00	40.47 2.40 0.00	36.98 1.89 0.00	33.54 1.84 0.00	31.88 1.75 0.00
CH_MIDHUDSON___DRP 24192	34.49 2.04 0.00	31.87 1.89 0.00	28.21 1.62 0.00	26.43 1.50 0.00	26.05 1.45 0.00	27.19 1.49 0.00	30.16 1.65 0.00	33.72 1.91 0.00	36.30 2.18 -0.03	37.86 2.28 -0.01	38.07 2.26 0.00	38.98 2.65 0.00	39.20 2.84 0.00	41.14 3.01 0.00	41.46 3.18 0.00	43.91 3.51 0.00	44.84 3.47 0.00	49.92 3.83 0.00	48.38 3.62 0.00	41.11 2.94 0.00	40.85 2.78 0.00	37.26 2.18 0.00	33.83 2.12 0.00	32.15 2.02 0.00
CH_MISC_IPPS 23765	34.69 2.24 0.00	32.02 2.04 0.00	28.34 1.75 0.00	26.58 1.65 0.00	26.17 1.58 0.00	27.32 1.62 0.00	30.31 1.80 0.00	33.85 2.04 0.00	36.44 2.35 0.00	38.02 2.45 0.00	38.28 2.47 0.00	39.16 2.84 0.00	39.35 2.98 0.00	41.29 3.16 0.00	41.58 3.29 0.00	44.07 3.68 0.00	45.00 3.64 0.00	50.10 4.01 0.00	48.51 3.76 0.00	41.15 2.98 0.00	41.08 3.01 0.00	37.36 2.28 0.00	33.99 2.28 0.00	32.27 2.14 0.00
CH_RES_BVR_FALLS 23983	32.03 -0.42 0.00	29.62 -0.36 0.00	26.27 -0.32 0.00	24.64 -0.30 0.00	24.27 -0.32 0.00	25.39 -0.31 0.00	28.17 -0.34 0.00	31.46 -0.35 0.00	33.72 -0.37 0.00	35.21 -0.36 0.00	35.42 -0.39 0.00	35.71 -0.62 0.00	35.71 -0.65 0.00	37.44 -0.69 0.00	37.56 -0.73 0.00	39.50 -0.89 0.00	40.41 -0.95 0.00	44.94 -1.15 0.00	43.72 -1.03 0.00	37.41 -0.76 0.00	37.31 -0.76 0.00	34.59 -0.49 0.00	31.26 -0.44 0.00	29.74 -0.39 0.00
CH_RES_NIAGARA 23895	31.31 -1.14 0.00	28.51 -1.47 0.00	25.55 -1.04 0.00	23.87 -1.07 0.00	23.41 -1.18 0.00	24.67 -1.03 0.00	27.17 -1.34 0.00	29.62 -2.20 0.00	31.47 -2.63 0.00	32.89 -2.67 0.01	33.81 -2.01 0.00	34.29 -2.03 0.00	34.54 -1.82 0.00	36.12 -1.98 0.03	35.85 -2.41 0.03	37.94 -2.42 0.03	39.42 -1.94 0.00	43.48 -2.58 0.03	42.47 -2.28 0.00	35.84 -2.33 0.00	35.82 -2.25 0.00	33.09 -2.00 0.00	29.67 -2.03 0.00	28.69 -1.45 0.00
CH_RES_SYRACUSE 23985	32.62 0.03 -0.14	29.98 0.00 0.00	26.59 0.00 0.00	24.91 -0.02 0.00	24.57 -0.02 0.00	25.70 0.00 0.00	28.57 0.06 0.00	31.84 0.03 0.00	34.28 -0.03 -0.22	35.94 0.00 -0.37	35.96 0.14 0.00	36.65 0.33 0.00	36.62 0.26 0.00	38.40 0.27 0.00	38.56 0.27 0.00	41.28 0.89 0.00	42.40 1.03 0.00	46.37 0.28 0.00	44.93 0.18 0.00	38.17 0.00 0.00	38.11 0.04 0.00	35.01 -0.07 0.00	31.58 -0.13 0.00	29.95 -0.18 0.00
CLINTON_WT_PWR 323605	32.51 0.07 0.00	30.19 0.21 0.00	26.80 0.21 0.00	25.09 0.15 0.00	24.74 0.15 0.00	25.96 0.26 0.00	28.88 0.37 0.00	32.26 0.45 0.00	34.53 0.44 0.00	36.03 0.46 0.00	36.17 0.36 0.00	36.29 -0.04 0.00	36.18 -0.18 0.00	37.86 -0.27 0.00	37.79 -0.50 0.00	39.83 -0.57 0.00	40.74 -0.62 0.00	44.98 -1.11 0.00	44.08 -0.67 0.00	37.86 -0.31 0.00	37.84 -0.23 0.00	35.30 0.21 0.00	31.74 0.03 0.00	30.16 0.03 0.00
CLINTON___LFGE 323618	33.32 0.88 0.00	31.00 1.02 0.00	27.49 0.90 0.00	25.74 0.80 0.00	25.38 0.79 0.00	26.70 1.00 0.00	29.76 1.25 0.00	33.21 1.40 0.00	35.52 1.43 0.00	37.03 1.46 0.00	37.18 1.36 0.00	37.34 1.02 0.00	37.13 0.76 0.00	38.89 0.76 0.00	38.63 0.34 0.00	40.84 0.45 0.00	41.86 0.50 0.00	46.04 -0.05 0.00	45.33 0.58 0.00	38.89 0.72 0.00	39.02 0.95 0.00	36.28 1.19 0.00	32.56 0.86 0.00	30.95 0.81 0.00
COBBLENY_34_KV_TB1 80064	32.58 0.13 0.00	29.62 -0.36 0.00	26.56 -0.03 0.00	24.81 -0.12 0.00	24.37 -0.22 0.00	25.65 -0.05 0.00	28.37 -0.14 0.00	31.18 -0.64 0.00	33.07 -1.02 0.00	34.60 -0.96 0.01	35.67 -0.14 0.00	36.32 0.00 0.00	36.58 0.22 0.00	38.40 0.27 0.00	38.14 -0.15 0.00	40.32 -0.08 0.00	41.86 0.50 0.00	46.19 0.09 0.00	45.02 0.27 0.00	37.82 -0.34 0.00	37.73 -0.34 0.00	34.77 -0.32 0.00	31.17 -0.54 0.00	29.92 -0.21 0.00
COFFEEN___115KV_TB3 355620	32.96 0.39 -0.12	30.37 0.39 0.00	26.91 0.32 0.00	25.24 0.30 0.00	24.91 0.32 0.00	26.21 0.51 0.00	29.19 0.68 0.00	32.54 0.73 0.00	34.79 0.51 -0.18	36.38 0.50 -0.31	36.17 0.36 0.00	36.69 0.36 0.00	36.62 0.25 0.00	38.47 0.34 0.00	38.36 0.08 0.00	40.27 -0.12 0.00	41.45 0.08 0.00	46.41 0.32 0.00	45.38 0.63 0.00	39.01 0.84 0.00	39.21 1.14 0.00	35.79 0.70 0.00	32.02 0.32 0.00	30.38 0.24 0.00
COLDSPRG_115KV_BK1 355956	33.32 0.88 0.00	30.22 0.24 0.00	27.12 0.53 0.00	25.39 0.45 0.00	24.89 0.30 0.00	26.26 0.57 0.00	29.16 0.66 0.00	32.26 0.45 0.00	34.16 0.07 0.01	35.74 0.18 0.00	36.96 1.15 0.00	37.74 1.42 0.00	38.00 1.64 0.00	39.85 1.72 0.00	39.59 1.30 0.00	41.85 1.45 0.00	43.23 1.86 0.00	47.71 1.61 0.00	46.50 1.75 0.00	39.01 0.84 0.00	38.79 0.72 0.00	35.68 0.60 0.00	31.99 0.29 0.00	30.50 0.36 0.00
COLONIE_LFGE___ 323577	33.91 1.46 0.00	31.36 1.38 0.00	27.75 1.17 0.00	26.06 1.12 0.00	25.73 1.13 0.00	26.83 1.13 0.00	29.76 1.25 0.00	33.15 1.34 0.00	35.62 1.50 -0.03	37.11 1.53 -0.01	37.18 1.36 0.00	37.92 1.60 0.00	38.00 1.64 0.00	39.80 1.68 0.00	40.05 1.76 0.00	42.37 1.98 0.00	43.43 2.07 0.00	48.58 2.49 0.00	47.17 2.41 0.00	40.23 2.06 0.00	40.20 2.13 0.00	36.59 1.51 0.00	33.07 1.36 0.00	31.46 1.32 0.00
COOPERNY_115KV_TB1 80082	33.65 1.20 0.00	31.09 1.11 0.00	27.54 0.96 0.00	25.84 0.90 0.00	25.46 0.86 0.00	26.57 0.87 0.00	29.51 1.00 0.00	32.96 1.15 0.00	35.29 1.26 0.06	36.89 1.35 0.03	37.18 1.36 0.00	38.03 1.71 0.00	38.22 1.85 0.00	40.07 1.94 0.00	40.35 2.07 0.00	42.70 2.30 0.00	43.64 2.28 0.00	48.62 2.53 0.00	47.12 2.37 0.00	40.08 1.91 0.00	39.86 1.79 0.00	36.49 1.40 0.00	33.07 1.36 0.00	31.43 1.30 0.00
COPENHAGEN_WT_PWR 323753	32.67 0.10 -0.12	30.07 0.09 0.00	26.67 0.08 0.00	25.01 0.08 0.00	24.69 0.10 0.00	25.96 0.26 0.00	28.91 0.40 0.00	32.20 0.38 0.00	34.49 0.21 -0.19	36.08 0.18 -0.33	35.89 0.07 0.00	36.43 0.11 0.00	36.33 -0.04 0.00	38.17 0.04 0.00	38.13 -0.15 0.00	40.03 -0.36 0.00	41.16 -0.21 0.00	46.00 -0.09 0.00	44.93 0.18 0.00	38.55 0.38 0.00	38.64 0.57 0.00	35.40 0.32 0.00	31.74 0.03 0.00	30.10 -0.03 0.00
CORNELL_____ 23752	33.37 0.84 -0.07	30.67 0.69 0.00	27.22 0.64 0.00	25.49 0.55 0.00	25.11 0.52 0.00	26.32 0.62 0.00	29.28 0.77 0.00	32.70 0.89 0.00	35.03 0.82 -0.12	36.62 0.85 -0.20	36.82 1.00 0.00	37.49 1.16 0.00	37.53 1.16 0.00	39.35 1.22 0.00	39.47 1.19 0.00	41.93 1.53 0.00	43.10 1.74 0.00	47.84 1.75 0.00	46.45 1.70 0.00	39.47 1.30 0.00	39.40 1.33 0.00	36.14 1.05 0.00	32.53 0.82 0.00	30.83 0.69 0.00

CORONA__69_KV_TB1 355595	38.75 3.08 -3.22	37.77 2.82 -4.97	36.21 2.42 -7.21	29.00 2.19 -1.86	29.65 2.14 -2.91	32.95 2.24 -5.02	33.43 2.51 -2.41	37.71 2.96 -2.94	38.60 3.34 -1.17	39.12 3.49 -0.07	39.15 3.33 0.00	41.85 4.07 -1.46	41.07 4.29 -0.42	42.51 4.38 0.00	42.96 4.67 0.00	62.17 5.21 -16.56	68.54 5.17 -22.01	63.80 5.67 -12.04	50.17 5.41 0.00	42.48 4.31 0.00	42.14 4.07 0.00	38.59 3.51 0.00	34.84 3.14 0.00	33.24 3.10 0.00
CORTLAND__115KV_TB3 80093	33.08 0.55 -0.08	30.40 0.42 0.00	26.98 0.40 0.00	25.29 0.35 0.00	24.91 0.32 0.00	26.08 0.39 0.00	28.99 0.48 0.00	32.38 0.57 0.00	34.76 0.55 -0.12	36.34 0.57 -0.20	36.53 0.72 0.00	37.20 0.87 0.00	37.27 0.91 0.00	39.08 0.95 0.00	39.21 0.92 0.00	41.56 1.17 0.00	42.69 1.32 0.00	47.43 1.34 0.00	46.05 1.30 0.00	39.12 0.95 0.00	39.02 0.95 0.00	35.82 0.74 0.00	32.27 0.57 0.00	30.59 0.45 0.00
COXSACKIE__GT 23611	34.49 2.05 0.00	31.90 1.92 0.00	28.26 1.68 0.00	26.58 1.65 0.00	26.27 1.67 0.00	27.37 1.67 0.00	30.39 1.88 0.00	33.43 1.62 0.00	36.05 1.94 -0.02	37.21 1.64 -0.01	37.18 1.36 0.00	37.78 1.45 0.00	37.82 1.46 0.00	39.77 1.64 0.00	40.05 1.76 0.00	42.37 1.98 0.00	43.47 2.11 0.00	48.85 2.77 0.00	47.57 2.82 0.00	40.57 2.41 0.00	40.73 2.66 0.00	36.84 1.75 0.00	33.19 1.49 0.00	31.55 1.42 0.00
CPV_VALLEY__CC1 323721	33.84 1.39 0.00	31.30 1.32 0.00	27.70 1.12 0.00	25.99 1.05 0.00	25.58 0.98 0.00	26.73 1.03 0.00	29.62 1.11 0.00	33.15 1.34 0.00	35.49 1.50 0.10	37.09 1.56 0.04	37.43 1.61 0.00	38.32 2.00 0.00	38.51 2.14 0.00	40.41 2.29 0.00	40.66 2.37 0.00	43.10 2.71 0.00	44.05 2.69 0.00	49.04 2.95 0.00	47.48 2.73 0.00	40.34 2.17 0.00	40.16 2.09 0.00	36.70 1.61 0.00	33.32 1.62 0.00	31.64 1.51 0.00
CPV_VALLEY__CC2 323722	33.84 1.39 0.00	31.30 1.32 0.00	27.70 1.12 0.00	25.99 1.05 0.00	25.58 0.98 0.00	26.73 1.03 0.00	29.62 1.11 0.00	33.15 1.34 0.00	35.49 1.50 0.10	37.09 1.56 0.04	37.43 1.61 0.00	38.32 2.00 0.00	38.51 2.14 0.00	40.41 2.29 0.00	40.66 2.37 0.00	43.10 2.71 0.00	44.05 2.69 0.00	49.04 2.95 0.00	47.48 2.73 0.00	40.34 2.17 0.00	40.16 2.09 0.00	36.70 1.61 0.00	33.32 1.62 0.00	31.64 1.51 0.00
CRESCENT__HYD 24018	33.91 1.46 0.00	31.36 1.38 0.00	27.75 1.17 0.00	26.06 1.12 0.00	25.73 1.13 0.00	26.83 1.13 0.00	29.76 1.25 0.00	33.15 1.34 0.00	35.62 1.50 -0.03	37.11 1.53 -0.01	37.18 1.36 0.00	37.92 1.60 0.00	38.00 1.64 0.00	39.80 1.68 0.00	40.05 1.76 0.00	42.37 1.98 0.00	43.43 2.07 0.00	48.58 2.49 0.00	47.17 2.41 0.00	40.23 2.06 0.00	40.20 2.13 0.00	36.59 1.51 0.00	33.07 1.36 0.00	31.46 1.32 0.00
CRICKET__VALLEY_CC1 323756	34.23 1.78 0.00	31.63 1.65 0.00	27.99 1.41 0.00	26.23 1.30 0.00	25.87 1.28 0.00	26.98 1.28 0.00	29.90 1.40 0.00	33.47 1.65 0.00	36.03 1.87 -0.06	37.55 1.95 -0.03	37.68 1.86 0.00	38.58 2.25 0.00	38.73 2.36 0.00	40.60 2.48 0.00	40.89 2.60 0.00	43.30 2.91 0.00	44.38 3.02 0.00	49.45 3.36 0.00	47.88 3.13 0.00	40.76 2.60 0.00	40.58 2.51 0.00	36.94 1.86 0.00	33.54 1.84 0.00	31.91 1.78 0.00
CRICKET__VALLEY_CC2 323757	34.23 1.78 0.00	31.63 1.65 0.00	27.99 1.41 0.00	26.23 1.30 0.00	25.87 1.28 0.00	26.98 1.28 0.00	29.90 1.40 0.00	33.47 1.65 0.00	36.03 1.87 -0.06	37.55 1.95 -0.03	37.68 1.86 0.00	38.58 2.25 0.00	38.73 2.36 0.00	40.60 2.48 0.00	40.89 2.60 0.00	43.30 2.91 0.00	44.38 3.02 0.00	49.45 3.36 0.00	47.88 3.13 0.00	40.76 2.60 0.00	40.58 2.51 0.00	36.94 1.86 0.00	33.54 1.84 0.00	31.91 1.78 0.00
CRICKET__VALLEY_CC3 323758	34.23 1.78 0.00	31.63 1.65 0.00	27.99 1.41 0.00	26.23 1.30 0.00	25.87 1.28 0.00	26.98 1.28 0.00	29.90 1.40 0.00	33.47 1.65 0.00	36.03 1.87 -0.06	37.55 1.95 -0.03	37.68 1.86 0.00	38.58 2.25 0.00	38.73 2.36 0.00	40.60 2.48 0.00	40.89 2.60 0.00	43.30 2.91 0.00	44.38 3.02 0.00	49.45 3.36 0.00	47.88 3.13 0.00	40.76 2.60 0.00	40.58 2.51 0.00	36.94 1.86 0.00	33.54 1.84 0.00	31.91 1.78 0.00
CRUCIBLE__METL_DRP 24180	32.65 0.06 -0.14	29.98 0.00 0.00	26.59 0.00 0.00	24.91 -0.02 0.00	24.57 -0.02 0.00	25.70 0.00 0.00	28.54 0.03 0.00	31.84 0.03 0.00	34.28 -0.03 -0.22	35.94 0.00 -0.37	35.96 0.14 0.00	36.58 0.25 0.00	36.62 0.25 0.00	38.39 0.27 0.00	38.52 0.23 0.00	41.24 0.85 0.00	42.40 1.03 0.00	46.32 0.23 0.00	44.89 0.13 0.00	38.13 -0.04 0.00	38.07 0.00 0.00	34.98 -0.11 0.00	31.58 -0.13 0.00	29.95 -0.18 0.00
DAHOWA__HYDRO 323763	34.53 2.08 0.00	32.02 2.04 0.00	28.24 1.65 0.00	26.51 1.57 0.00	26.19 1.60 0.00	27.40 1.70 0.00	30.47 1.97 0.00	33.82 2.01 0.00	36.33 2.21 -0.03	37.82 2.24 -0.01	37.75 1.93 0.00	38.50 2.18 0.00	38.54 2.18 0.00	40.26 2.13 0.00	40.55 2.26 0.00	42.86 2.46 0.00	43.89 2.52 0.00	49.32 3.23 0.00	48.24 3.49 0.00	41.11 2.94 0.00	41.23 3.16 0.00	37.47 2.39 0.00	33.67 1.97 0.00	31.97 1.84 0.00
DANC__LFGE 323619	32.51 -0.10 -0.15	29.86 -0.12 0.00	26.51 -0.08 0.00	24.84 -0.10 0.00	24.52 -0.07 0.00	25.73 0.03 0.00	28.62 0.11 0.00	31.88 0.06 0.00	34.27 -0.07 -0.24	35.87 -0.11 -0.41	35.67 -0.14 0.00	36.29 -0.04 0.00	36.22 -0.14 0.00	38.01 -0.11 0.00	38.06 -0.23 0.00	39.99 -0.40 0.00	41.03 -0.33 0.00	45.86 -0.23 0.00	44.66 -0.09 0.00	38.21 0.04 0.00	38.22 0.15 0.00	35.08 0.00 0.00	31.55 -0.16 0.00	29.92 -0.21 0.00
DANSKAMMER__1 23586	34.69 2.24 0.00	32.02 2.04 0.00	28.34 1.75 0.00	26.58 1.65 0.00	26.17 1.58 0.00	27.32 1.62 0.00	30.31 1.80 0.00	33.85 2.04 0.00	36.44 2.35 0.00	38.02 2.45 0.00	38.28 2.47 0.00	39.16 2.84 0.00	39.35 2.98 0.00	41.29 3.16 0.00	41.58 3.29 0.00	44.07 3.68 0.00	45.00 3.64 0.00	50.10 4.01 0.00	48.51 3.76 0.00	41.15 2.98 0.00	41.08 3.01 0.00	37.36 2.28 0.00	33.99 2.28 0.00	32.27 2.14 0.00
DANSKAMMER__2 23589	34.69 2.24 0.00	32.02 2.04 0.00	28.34 1.75 0.00	26.58 1.65 0.00	26.17 1.58 0.00	27.32 1.62 0.00	30.31 1.80 0.00	33.85 2.04 0.00	36.44 2.35 0.00	38.02 2.45 0.00	38.28 2.47 0.00	39.16 2.84 0.00	39.35 2.98 0.00	41.29 3.16 0.00	41.58 3.29 0.00	44.07 3.68 0.00	45.00 3.64 0.00	50.10 4.01 0.00	48.51 3.76 0.00	41.15 2.98 0.00	41.08 3.01 0.00	37.36 2.28 0.00	33.99 2.28 0.00	32.27 2.14 0.00
DANSKAMMER__3 23590	34.69 2.24 0.00	32.02 2.04 0.00	28.34 1.75 0.00	26.58 1.65 0.00	26.17 1.58 0.00	27.32 1.62 0.00	30.31 1.80 0.00	33.85 2.04 0.00	36.44 2.35 0.00	38.02 2.45 0.00	38.28 2.47 0.00	39.16 2.84 0.00	39.35 2.98 0.00	41.29 3.16 0.00	41.58 3.29 0.00	44.07 3.68 0.00	45.00 3.64 0.00	50.10 4.01 0.00	48.51 3.76 0.00	41.15 2.98 0.00	41.08 3.01 0.00	37.36 2.28 0.00	33.99 2.28 0.00	32.27 2.14 0.00

DANSKAMMER___4 23591	34.69 2.24 0.00	32.02 2.04 0.00	28.34 1.75 0.00	26.58 1.65 0.00	26.17 1.58 0.00	27.32 1.62 0.00	30.31 1.80 0.00	33.85 2.04 0.00	36.44 2.35 0.00	38.02 2.45 0.00	38.28 2.47 0.00	39.16 2.84 0.00	39.35 2.98 0.00	41.29 3.16 0.00	41.58 3.29 0.00	44.07 3.68 0.00	45.00 3.64 0.00	50.10 4.01 0.00	48.51 3.76 0.00	41.15 2.98 0.00	41.08 3.01 0.00	37.36 2.28 0.00	33.99 2.28 0.00	32.27 2.14 0.00
DANSKAMMER___DIESEL 23592	34.69 2.24 0.00	32.02 2.04 0.00	28.34 1.75 0.00	26.58 1.65 0.00	26.17 1.57 0.00	27.32 1.62 0.00	30.30 1.80 0.00	33.85 2.04 0.00	36.44 2.35 0.00	38.02 2.45 0.00	38.25 2.44 0.00	39.12 2.80 0.00	39.38 3.02 0.00	41.29 3.16 0.00	41.62 3.33 0.00	44.11 3.72 0.00	45.00 3.64 0.00	50.10 4.01 0.00	48.51 3.76 0.00	41.18 3.02 0.00	41.00 2.93 0.00	37.37 2.28 0.00	33.99 2.28 0.00	32.27 2.14 0.00
DARBY___SOLAR 323810	34.43 1.98 0.00	31.90 1.92 0.00	28.15 1.57 0.00	26.43 1.50 0.00	26.10 1.50 0.00	27.29 1.59 0.00	30.36 1.85 0.00	33.72 1.91 0.00	36.23 2.11 -0.03	37.71 2.13 -0.01	37.68 1.86 0.00	38.43 2.11 0.00	38.47 2.11 0.00	40.18 2.06 0.00	40.47 2.18 0.00	42.78 2.38 0.00	43.80 2.44 0.00	49.18 3.09 0.00	48.02 3.27 0.00	40.92 2.75 0.00	41.00 2.93 0.00	37.33 2.25 0.00	33.54 1.84 0.00	31.88 1.75 0.00
DASHVILLE___HYD 23610	34.30 1.85 0.00	31.66 1.68 0.00	28.05 1.46 0.00	26.28 1.35 0.00	25.90 1.30 0.00	26.98 1.28 0.00	29.93 1.43 0.00	33.43 1.62 0.00	36.18 2.08 -0.01	37.56 1.99 0.00	37.78 1.97 0.00	38.69 2.36 0.00	38.94 2.58 0.00	40.91 2.78 0.00	41.23 2.95 0.00	43.71 3.31 0.00	44.59 3.23 0.00	49.55 3.46 0.00	48.02 3.27 0.00	40.76 2.60 0.00	40.51 2.44 0.00	36.94 1.86 0.00	33.64 1.93 0.00	31.97 1.84 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	38.92 3.24 -3.22	37.80 2.85 -4.97	36.37 2.58 -7.21	29.17 2.37 -1.86	29.87 2.36 -2.91	33.31 2.60 -5.02	33.86 2.94 -2.41	38.25 3.50 -2.94	39.32 4.06 -1.17	39.90 4.27 -0.07	40.26 4.44 0.00	41.93 5.27 -0.34	41.88 5.42 -0.10	43.74 5.60 0.00	44.40 5.86 -0.25	51.22 6.95 -3.88	61.22 6.62 -13.24	65.83 7.70 -12.05	52.15 7.38 -0.01	43.86 5.69 -0.01	43.52 5.44 -0.01	39.30 4.21 0.00	35.06 3.36 0.00	33.69 3.56 0.00
DELAWARE___LFGE 323621	33.57 1.10 -0.02	30.97 0.99 0.00	27.46 0.88 0.00	25.79 0.85 0.00	25.41 0.81 0.00	26.57 0.87 0.00	29.51 1.00 0.00	35.03 3.21 0.00	37.40 3.24 -0.07	39.00 3.31 -0.12	39.29 3.47 0.00	40.07 3.74 0.00	40.07 3.71 0.00	42.05 3.93 0.00	42.15 3.87 0.00	44.47 4.08 0.00	45.91 4.55 0.00	51.34 5.25 0.00	50.03 5.28 0.00	42.44 4.27 0.00	42.64 4.57 0.00	38.66 3.58 0.00	34.49 2.79 0.00	32.64 2.50 0.00
DERFIELD_115KV_TB7 355931	32.68 0.23 0.00	30.19 0.21 0.00	26.77 0.19 0.00	25.11 0.17 0.00	24.77 0.17 0.00	25.88 0.18 0.00	28.68 0.17 0.00	32.00 0.19 0.00	34.30 0.20 0.00	35.78 0.21 0.00	36.03 0.21 0.00	36.65 0.33 0.00	36.73 0.36 0.00	38.51 0.38 0.00	38.71 0.42 0.00	40.88 0.48 0.00	41.82 0.46 0.00	46.64 0.55 0.00	45.29 0.54 0.00	38.59 0.42 0.00	38.49 0.42 0.00	35.37 0.28 0.00	31.96 0.25 0.00	30.34 0.21 0.00
DOGLEVILLE___HYD 23807	33.06 0.61 0.00	30.58 0.60 0.00	27.12 0.53 0.00	25.44 0.50 0.00	25.11 0.52 0.00	26.26 0.56 0.00	29.13 0.63 0.00	32.51 0.70 0.00	34.98 0.88 0.00	36.49 0.92 0.00	36.74 0.93 0.00	37.38 1.05 0.00	37.49 1.13 0.00	39.27 1.14 0.00	39.40 1.11 0.00	41.60 1.21 0.00	42.40 1.03 0.00	47.38 1.29 0.00	46.00 1.25 0.00	39.24 1.07 0.00	39.21 1.14 0.00	36.17 1.09 0.00	32.62 0.92 0.00	31.01 0.87 0.00
DUNKIRK___115KV_TB_200 55889	32.94 0.49 0.00	29.92 -0.06 0.00	26.83 0.24 0.00	25.09 0.15 0.00	24.62 0.02 0.00	25.93 0.23 0.00	28.68 0.17 0.00	31.65 -0.16 0.00	33.58 -0.51 0.00	35.13 -0.43 0.01	36.24 0.43 0.00	36.94 0.62 0.00	37.20 0.84 0.00	39.01 0.88 0.00	38.75 0.46 0.00	40.96 0.57 0.00	42.40 1.03 0.00	46.83 0.74 0.00	45.65 0.90 0.00	38.40 0.23 0.00	38.22 0.15 0.00	35.19 0.11 0.00	31.55 -0.16 0.00	30.19 0.06 0.00
DUNKIRK___1 23563	32.94 0.49 0.00	29.92 -0.06 0.00	26.83 0.24 0.00	25.09 0.15 0.00	24.62 0.02 0.00	25.93 0.23 0.00	28.68 0.17 0.00	31.65 -0.16 0.00	33.58 -0.51 0.00	35.13 -0.43 0.01	36.24 0.43 0.00	36.94 0.62 0.00	37.20 0.84 0.00	39.01 0.88 0.00	38.75 0.46 0.00	40.96 0.57 0.00	42.40 1.03 0.00	46.83 0.74 0.00	45.65 0.90 0.00	38.40 0.23 0.00	38.22 0.15 0.00	35.19 0.11 0.00	31.55 -0.16 0.00	30.19 0.06 0.00
DUNKIRK___2 23564	32.94 0.49 0.00	29.92 -0.06 0.00	26.83 0.24 0.00	25.09 0.15 0.00	24.62 0.02 0.00	25.93 0.23 0.00	28.68 0.17 0.00	31.65 -0.16 0.00	33.58 -0.51 0.00	35.13 -0.43 0.01	36.24 0.43 0.00	36.94 0.62 0.00	37.20 0.84 0.00	39.01 0.88 0.00	38.75 0.46 0.00	40.96 0.57 0.00	42.40 1.03 0.00	46.83 0.74 0.00	45.65 0.90 0.00	38.40 0.23 0.00	38.22 0.15 0.00	35.19 0.11 0.00	31.55 -0.16 0.00	30.19 0.06 0.00
DUNKIRK___3 23565	32.71 0.26 0.00	29.74 -0.24 0.00	26.67 0.08 0.00	24.91 -0.02 0.00	24.45 -0.15 0.00	25.75 0.05 0.00	28.48 -0.03 0.00	31.40 -0.41 0.00	33.31 -0.78 0.00	34.85 -0.71 0.01	35.96 0.14 0.00	36.61 0.29 0.00	36.87 0.51 0.00	38.66 0.53 0.00	38.44 0.15 0.00	40.64 0.24 0.00	42.11 0.74 0.00	46.51 0.41 0.00	45.33 0.58 0.00	38.13 -0.04 0.00	37.99 -0.08 0.00	34.98 -0.11 0.00	31.36 -0.35 0.00	30.04 -0.09 0.00
DUNKIRK___4 23566	32.71 0.26 0.00	29.74 -0.24 0.00	26.67 0.08 0.00	24.91 -0.02 0.00	24.45 -0.15 0.00	25.75 0.05 0.00	28.48 -0.03 0.00	31.40 -0.41 0.00	33.31 -0.78 0.00	34.85 -0.71 0.01	35.96 0.14 0.00	36.61 0.29 0.00	36.87 0.51 0.00	38.66 0.53 0.00	38.44 0.15 0.00	40.64 0.24 0.00	42.11 0.74 0.00	46.51 0.41 0.00	45.33 0.58 0.00	38.13 -0.04 0.00	37.99 -0.08 0.00	34.98 -0.11 0.00	31.36 -0.35 0.00	30.04 -0.09 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.75 2.30 0.00	32.11 2.13 0.00	28.39 1.81 0.00	26.58 1.65 0.00	26.19 1.60 0.00	27.37 1.67 0.00	30.39 1.88 0.00	34.10 2.29 0.00	36.82 2.59 -0.14	38.37 2.74 -0.07	38.54 2.72 0.00	39.56 3.23 0.00	39.85 3.49 0.00	41.79 3.66 0.00	42.12 3.83 0.00	44.63 4.24 0.00	45.54 4.18 0.00	50.65 4.56 0.00	49.05 4.30 0.00	41.68 3.51 0.00	41.34 3.27 0.00	37.82 2.74 0.00	34.30 2.60 0.00	32.54 2.41 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.36 1.91 0.00	31.75 1.77 0.00	28.10 1.52 0.00	26.36 1.42 0.00	25.95 1.35 0.00	27.09 1.39 0.00	30.05 1.54 0.00	33.59 1.78 0.00	36.04 2.01 0.06	37.64 2.10 0.03	37.93 2.11 0.00	38.83 2.51 0.00	39.09 2.73 0.00	41.02 2.90 0.00	41.35 3.06 0.00	43.79 3.39 0.00	44.71 3.35 0.00	49.78 3.69 0.00	48.20 3.45 0.00	40.95 2.79 0.00	40.70 2.63 0.00	37.16 2.07 0.00	33.76 2.06 0.00	32.06 1.93 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	35.14 2.69 0.00	32.48 2.49 -0.01	28.61 2.02 0.00	26.73 1.80 0.00	26.32 1.72 0.00	27.47 1.77 0.00	30.53 2.02 0.00	34.39 2.58 0.00	37.11 2.86 -0.15	38.62 2.99 -0.07	38.80 2.97 -0.02	39.83 3.49 -0.02	40.13 3.75 -0.02	42.06 3.93 -0.01	42.39 4.10 -0.01	44.89 4.48 -0.02	45.79 4.43 0.00	50.79 4.70 0.00	49.27 4.52 0.00	41.95 3.78 0.00	41.57 3.50 0.00	38.18 3.09 -0.01	34.69 2.98 -0.01	32.91 2.77 -0.01
E179THST_13_KV_LOAD 356214	35.34 2.89 0.00	32.69 2.70 -0.01	28.77 2.18 0.00	26.88 1.95 0.00	26.46 1.87 0.00	27.63 1.93 0.00	30.73 2.22 0.00	34.61 2.80 0.00	37.31 3.07 -0.15	38.87 3.24 -0.07	39.06 3.22 -0.02	40.12 3.78 -0.02	40.42 4.04 -0.02	42.37 4.23 -0.01	42.66 4.36 -0.01	45.22 4.81 -0.02	46.12 4.76 0.00	51.16 5.07 0.00	49.63 4.88 0.00	42.25 4.08 0.00	41.84 3.77 0.00	38.43 3.33 -0.01	34.91 3.20 -0.01	33.10 2.95 -0.01
EAST HAMPTON___GT 23717	38.79 3.12 -3.22	37.71 2.76 -4.97	36.35 2.55 -7.21	29.17 2.37 -1.86	29.94 2.44 -2.91	33.49 2.78 -5.02	34.08 3.16 -2.41	38.60 3.85 -2.94	39.80 4.53 -1.17	40.44 4.80 -0.07	41.04 5.23 0.00	42.66 5.99 -0.34	42.43 5.96 -0.10	44.38 6.25 0.00	44.82 6.28 -0.25	51.50 7.23 -3.88	61.89 7.28 -13.25	66.53 8.39 -12.05	52.86 8.10 -0.01	44.36 6.18 -0.01	44.17 6.09 -0.01	39.76 4.67 0.00	35.25 3.55 0.00	33.96 3.83 0.00
EAST RIVER___6 23660	35.01 2.56 0.00	32.32 2.34 0.00	28.55 1.97 0.00	26.68 1.75 0.00	26.29 1.70 0.00	27.50 1.80 0.00	30.50 1.99 0.00	34.42 2.61 0.00	37.17 2.93 -0.14	38.77 3.13 -0.07	40.56 3.22 -1.52	42.39 3.74 -2.32	41.82 3.89 -1.57	42.51 4.12 -0.26	43.13 4.21 -0.63	45.09 4.68 -0.02	46.00 4.63 0.00	51.07 4.98 0.00	49.41 4.65 0.00	41.95 3.78 0.00	41.76 3.69 0.00	38.17 3.09 0.00	34.68 2.98 0.00	32.81 2.68 0.00
EAST RIVER___7 23524	35.01 2.56 0.00	32.32 2.34 0.00	28.55 1.97 0.00	26.68 1.75 0.00	26.29 1.70 0.00	27.50 1.80 0.00	30.50 1.99 0.00	34.42 2.61 0.00	37.17 2.93 -0.14	38.77 3.13 -0.07	40.56 3.22 -1.52	42.39 3.74 -2.32	41.82 3.89 -1.57	42.51 4.12 -0.26	43.13 4.21 -0.63	45.09 4.68 -0.02	46.00 4.63 0.00	51.07 4.98 0.00	49.41 4.65 0.00	41.95 3.78 0.00	41.76 3.69 0.00	38.17 3.09 0.00	34.68 2.98 0.00	32.81 2.68 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.65 2.21 0.00	32.02 2.04 0.00	28.31 1.73 0.00	26.51 1.57 0.00	26.12 1.52 0.00	27.29 1.59 0.00	30.30 1.80 0.00	34.01 2.20 0.00	36.70 2.45 -0.15	38.24 2.60 -0.07	38.39 2.58 0.00	39.41 3.09 0.00	39.71 3.35 0.00	41.60 3.47 0.00	41.96 3.68 0.00	44.47 4.08 0.00	45.38 4.01 0.00	50.47 4.38 0.00	48.91 4.16 0.00	41.53 3.36 0.00	41.19 3.12 0.00	37.68 2.60 0.00	34.18 2.47 0.00	32.42 2.29 0.00
EAST_HAMPTON___DIESEL 23722	38.69 3.02 -3.22	37.65 2.70 -4.97	36.29 2.50 -7.21	29.12 2.32 -1.86	29.89 2.39 -2.91	33.47 2.75 -5.02	34.06 3.14 -2.41	38.57 3.82 -2.94	39.80 4.53 -1.17	40.44 4.80 -0.07	41.04 5.23 0.00	42.66 5.99 -0.34	42.43 5.96 -0.10	44.35 6.22 0.00	44.78 6.24 -0.25	51.46 7.19 -3.88	61.85 7.24 -13.25	66.48 8.34 -12.05	52.81 8.05 -0.01	44.32 6.15 -0.01	44.13 6.05 -0.01	39.72 4.63 0.00	35.22 3.52 0.00	33.93 3.80 0.00
EAST_POINT___SOLAR 323840	35.20 2.76 0.00	32.53 2.55 0.00	28.69 2.10 0.00	26.93 2.00 0.00	26.61 2.02 0.00	27.99 2.29 0.00	30.87 2.36 0.00	34.51 2.70 0.00	36.57 2.46 -0.02	37.11 1.53 -0.01	37.25 1.43 0.00	37.74 1.42 0.00	37.56 1.20 0.00	39.38 1.26 0.00	39.66 1.38 0.00	42.01 1.62 0.00	43.76 2.40 0.00	49.87 3.78 0.00	49.59 4.83 0.00	42.52 4.35 0.00	42.98 4.91 0.00	39.01 3.93 0.00	34.75 3.04 0.00	32.81 2.68 0.00
EAST_PULASKI___ESR 323781	32.41 -0.26 -0.22	29.71 -0.27 0.00	26.35 -0.24 0.00	24.71 -0.22 0.00	24.37 -0.22 0.00	25.55 -0.15 0.00	28.37 -0.14 0.00	31.62 -0.19 0.00	34.13 -0.31 -0.35	35.80 -0.36 -0.59	35.53 -0.29 0.00	36.18 -0.14 0.00	36.15 -0.22 0.00	37.90 -0.23 0.00	38.02 -0.27 0.00	39.95 -0.44 0.00	40.99 -0.37 0.00	45.77 -0.32 0.00	44.48 -0.27 0.00	37.90 -0.27 0.00	37.88 -0.19 0.00	34.84 -0.24 0.00	31.39 -0.32 0.00	29.77 -0.36 0.00
EAST_RIVER___1 323558	34.95 2.50 0.00	32.29 2.31 0.00	28.53 1.94 0.00	26.68 1.75 0.00	26.29 1.70 0.00	27.47 1.77 0.00	30.53 2.02 0.00	34.39 2.58 0.00	37.13 2.90 -0.14	38.69 3.06 -0.07	40.49 3.15 -1.52	42.28 3.63 -2.32	41.75 3.82 -1.57	42.39 4.00 -0.26	43.01 4.10 -0.63	44.97 4.56 -0.02	45.91 4.55 0.00	51.02 4.93 0.00	49.36 4.61 0.00	41.91 3.74 0.00	41.69 3.62 0.00	38.10 3.02 0.00	34.59 2.88 0.00	32.75 2.62 0.00
EAST_RIVER___2 323559	35.01 2.56 0.00	32.32 2.34 0.00	28.55 1.97 0.00	26.68 1.75 0.00	26.29 1.70 0.00	27.50 1.80 0.00	30.50 1.99 0.00	34.42 2.61 0.00	37.17 2.93 -0.14	38.77 3.13 -0.07	40.56 3.22 -1.52	42.39 3.74 -2.32	41.82 3.89 -1.57	42.51 4.12 -0.26	43.13 4.21 -0.63	45.09 4.68 -0.02	46.00 4.63 0.00	51.07 4.98 0.00	49.41 4.65 0.00	41.95 3.78 0.00	41.76 3.69 0.00	38.17 3.09 0.00	34.68 2.98 0.00	32.81 2.68 0.00
EAST___DELAWARE_HYD 23607	34.17 1.72 0.00	31.54 1.56 0.00	27.94 1.36 0.00	26.18 1.25 0.00	25.80 1.20 0.00	26.93 1.23 0.00	29.88 1.37 0.00	33.31 1.50 0.00	35.79 1.74 0.04	37.36 1.81 0.02	37.68 1.86 0.00	38.54 2.22 0.00	38.73 2.36 0.00	40.68 2.55 0.00	40.97 2.68 0.00	43.38 2.99 0.00	44.38 3.02 0.00	49.45 3.36 0.00	47.88 3.13 0.00	40.65 2.48 0.00	40.54 2.47 0.00	36.87 1.79 0.00	33.48 1.77 0.00	31.76 1.63 0.00
EIGHT_POINT___WT_PWR 323820	33.09 0.61 -0.03	30.25 0.27 0.00	27.01 0.42 0.00	25.26 0.32 0.00	24.84 0.25 0.00	26.21 0.51 0.00	29.11 0.60 0.00	32.20 0.38 0.00	34.21 0.07 -0.05	35.75 0.11 -0.07	36.53 0.72 0.00	37.49 1.16 0.00	37.49 1.13 0.00	39.24 1.11 0.00	39.25 0.96 0.00	41.40 1.01 0.00	42.77 1.41 0.00	47.47 1.38 0.00	46.05 1.30 0.00	38.97 0.80 0.00	38.91 0.84 0.00	35.79 0.70 0.00	32.09 0.38 0.00	30.50 0.36 0.00
ELBRIDGE_115KV_TB2 80188	32.47 -0.13 -0.15	29.80 -0.18 0.00	26.45 -0.13 0.00	24.79 -0.15 0.00	24.45 -0.15 0.00	25.57 -0.13 0.00	28.39 -0.11 0.00	31.65 -0.16 0.00	34.08 -0.24 -0.23	35.75 -0.21 -0.39	35.74 -0.07 0.00	36.36 0.04 0.00	36.40 0.04 0.00	38.17 0.04 0.00	38.29 0.00 0.00	41.36 0.97 0.00	42.56 1.20 0.00	45.95 -0.14 0.00	44.53 -0.22 0.00	37.82 -0.34 0.00	37.77 -0.30 0.00	34.73 -0.35 0.00	31.36 -0.35 0.00	29.74 -0.39 0.00
ELEC_TRO_TEK 24086	38.43 2.76 -3.22	37.47 2.52 -4.97	35.97 2.18 -7.21	28.80 2.00 -1.86	29.43 1.92 -2.91	32.75 2.03 -5.02	33.20 2.28 -2.41	37.49 2.74 -2.94	38.33 3.07 -1.17	38.80 3.17 -0.07	38.86 3.04 0.00	41.65 3.71 -1.63	40.76 3.93 -0.47	42.17 4.04 0.00	42.57 4.29 0.00	63.59 4.77 -18.43	69.42 4.76 -23.30	63.29 5.16 -12.04	49.63 4.88 0.00	42.10 3.93 0.00	41.76 3.69 0.00	38.21 3.12 0.00	34.53 2.82 0.00	32.94 2.80 0.00

ELLENBURG_WT_PWR 323604	32.51 0.07 0.00	30.19 0.21 0.00	26.80 0.21 0.00	25.09 0.15 0.00	24.74 0.15 0.00	25.96 0.26 0.00	28.88 0.37 0.00	32.26 0.45 0.00	34.53 0.44 0.00	36.03 0.46 0.00	36.17 0.36 0.00	36.29 -0.04 0.00	36.18 -0.18 0.00	37.86 -0.27 0.00	37.79 -0.50 0.00	39.83 -0.57 0.00	40.74 -0.62 0.00	44.98 -1.11 0.00	44.08 -0.67 0.00	37.86 -0.31 0.00	37.84 -0.23 0.00	35.30 0.21 0.00	31.74 0.03 0.00	30.16 0.03 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.32 -0.13 0.00	29.41 -0.57 0.00	26.35 -0.24 0.00	24.64 -0.30 0.00	24.18 -0.42 0.00	25.47 -0.23 0.00	28.11 -0.40 0.00	30.83 -0.99 0.00	32.73 -1.36 0.00	34.21 -1.35 0.01	35.24 -0.57 0.00	35.82 -0.51 0.00	36.07 -0.29 0.00	37.82 -0.31 0.00	37.56 -0.73 0.00	39.71 -0.69 0.00	41.20 -0.17 0.00	45.49 -0.60 0.00	44.35 -0.40 0.00	37.33 -0.84 0.00	37.27 -0.80 0.00	34.35 -0.74 0.00	30.82 -0.89 0.00	29.65 -0.48 0.00
EMPIRE_CC_1 323656	33.39 0.94 0.00	30.85 0.87 0.00	27.44 0.85 0.00	25.76 0.82 0.00	25.43 0.84 0.00	26.50 0.80 0.00	29.28 0.77 0.00	32.61 0.80 0.00	35.05 0.92 -0.03	36.51 0.92 -0.02	36.57 0.75 0.00	37.34 1.02 0.00	37.42 1.06 0.00	39.23 1.11 0.00	39.47 1.19 0.00	41.77 1.37 0.00	42.77 1.41 0.00	47.75 1.66 0.00	46.32 1.57 0.00	39.54 1.37 0.00	39.44 1.37 0.00	35.93 0.84 0.00	32.56 0.86 0.00	31.01 0.87 0.00
EMPIRE_CC_2 323658	33.39 0.94 0.00	30.85 0.87 0.00	27.44 0.85 0.00	25.76 0.82 0.00	25.43 0.84 0.00	26.50 0.80 0.00	29.28 0.77 0.00	32.61 0.80 0.00	35.05 0.92 -0.03	36.51 0.92 -0.02	36.57 0.75 0.00	37.34 1.02 0.00	37.42 1.06 0.00	39.23 1.11 0.00	39.47 1.19 0.00	41.77 1.37 0.00	42.77 1.41 0.00	47.75 1.66 0.00	46.32 1.57 0.00	39.54 1.37 0.00	39.44 1.37 0.00	35.93 0.84 0.00	32.56 0.86 0.00	31.01 0.87 0.00
ENORWICH_115KV_TB1 80156	34.97 2.47 -0.05	32.23 2.25 0.00	28.61 2.02 0.00	26.83 1.90 0.00	26.42 1.82 0.00	27.83 2.13 0.00	30.99 2.48 0.00	35.12 3.31 0.00	37.36 3.17 -0.10	39.00 3.27 -0.16	39.22 3.40 0.00	39.96 3.63 0.00	39.96 3.60 0.00	41.98 3.85 0.00	42.00 3.71 0.00	44.39 4.00 0.00	45.91 4.55 0.00	51.30 5.21 0.00	49.94 5.19 0.00	42.44 4.27 0.00	42.60 4.53 0.00	38.66 3.58 0.00	34.49 2.79 0.00	32.67 2.53 0.00
ERIE_ST__34_KV_TB1-2 80199	32.58 0.13 0.00	29.56 -0.42 0.00	26.51 -0.08 0.00	24.79 -0.15 0.00	24.32 -0.27 0.00	25.62 -0.08 0.00	28.34 -0.17 0.00	31.18 -0.64 0.00	33.14 -0.95 0.00	34.67 -0.89 0.01	35.78 -0.04 0.00	36.47 0.15 0.00	36.76 0.40 0.00	38.59 0.46 0.00	38.37 0.08 0.00	40.56 0.16 0.00	42.07 0.70 0.00	46.46 0.37 0.00	45.29 0.54 0.00	38.02 -0.15 0.00	37.84 -0.23 0.00	34.84 -0.25 0.00	31.23 -0.48 0.00	29.95 -0.18 0.00
ERIE_WT_PWR 323693	32.55 0.10 0.00	29.59 -0.39 0.00	26.51 -0.08 0.00	24.79 -0.15 0.00	24.33 -0.27 0.00	25.65 -0.05 0.00	28.31 -0.20 0.00	31.08 -0.73 0.00	33.00 -1.09 0.00	34.46 -1.10 0.01	35.49 -0.32 0.00	36.47 0.15 0.00	36.40 0.04 0.00	38.25 0.11 -0.01	38.14 -0.15 -0.01	40.16 -0.24 -0.01	41.66 0.29 0.00	46.05 -0.05 -0.01	44.84 0.09 0.00	37.82 -0.34 0.00	37.65 -0.42 0.00	34.70 -0.39 0.00	31.10 -0.60 0.00	29.86 -0.27 0.00
ESPRGFLD_115KV_TB1 80157	34.36 1.91 0.00	31.69 1.71 0.00	28.02 1.44 0.00	26.31 1.37 0.00	25.95 1.35 0.00	27.27 1.57 0.00	30.30 1.80 0.00	35.03 3.21 0.00	37.28 3.17 -0.01	38.60 3.02 -0.01	38.97 3.15 0.00	39.63 3.31 0.00	39.60 3.24 0.00	41.56 3.43 0.00	41.69 3.41 0.00	43.99 3.59 0.00	45.42 4.05 0.00	51.07 4.98 0.00	49.99 5.24 0.00	42.52 4.35 0.00	42.87 4.80 0.00	38.91 3.82 0.00	34.62 2.92 0.00	32.73 2.59 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.34 0.81 -0.08	30.64 0.66 0.00	27.17 0.58 0.00	25.46 0.52 0.00	25.09 0.49 0.00	26.29 0.59 0.00	29.22 0.71 0.00	32.67 0.86 0.00	35.00 0.78 -0.12	36.56 0.78 -0.21	36.78 0.97 0.00	37.45 1.13 0.00	37.49 1.13 0.00	39.27 1.14 0.00	39.40 1.11 0.00	41.85 1.45 0.00	43.06 1.70 0.00	47.80 1.71 0.00	46.41 1.66 0.00	39.43 1.26 0.00	39.36 1.29 0.00	36.07 0.98 0.00	32.50 0.79 0.00	30.80 0.66 0.00
ETNA____115KV_TB2 80207	33.34 0.81 -0.08	30.64 0.66 0.00	27.17 0.58 0.00	25.46 0.52 0.00	25.09 0.49 0.00	26.29 0.59 0.00	29.22 0.71 0.00	32.67 0.86 0.00	35.00 0.78 -0.12	36.56 0.78 -0.21	36.78 0.97 0.00	37.45 1.13 0.00	37.49 1.13 0.00	39.27 1.14 0.00	39.40 1.11 0.00	41.85 1.45 0.00	43.06 1.70 0.00	47.80 1.71 0.00	46.41 1.66 0.00	39.43 1.26 0.00	39.36 1.29 0.00	36.07 0.98 0.00	32.50 0.79 0.00	30.80 0.66 0.00
EUCLID__115KV_TB2 356179	32.19 -0.32 -0.06	29.62 -0.36 0.00	26.29 -0.29 0.00	24.64 -0.30 0.00	24.30 -0.30 0.00	25.42 -0.28 0.00	28.19 -0.31 0.00	31.46 -0.35 0.00	33.75 -0.44 -0.10	35.31 -0.43 -0.17	35.49 -0.32 0.00	36.11 -0.22 0.00	36.14 -0.22 0.00	37.90 -0.23 0.00	38.02 -0.27 0.00	40.27 -0.12 0.00	41.32 -0.04 0.00	45.91 -0.18 0.00	44.53 -0.22 0.00	37.86 -0.31 0.00	37.77 -0.30 0.00	34.70 -0.39 0.00	31.32 -0.38 0.00	29.74 -0.39 0.00
E_CANADA_CAP_HY 24051	34.88 2.43 0.00	32.17 2.19 0.00	28.39 1.81 0.00	26.66 1.72 0.00	26.32 1.72 0.00	27.65 1.95 0.00	30.70 2.20 0.00	34.68 2.86 0.00	36.94 2.83 -0.02	37.96 2.38 -0.01	38.18 2.36 0.00	38.83 2.50 0.00	38.69 2.33 0.00	40.57 2.44 0.00	40.81 2.53 0.00	43.14 2.75 0.00	44.42 3.06 0.00	50.24 4.15 0.00	49.41 4.65 0.00	42.17 4.01 0.00	42.71 4.64 0.00	38.77 3.68 0.00	34.52 2.82 0.00	32.63 2.50 0.00
E_CANADA_MHWK_HY 24050	33.06 0.61 0.00	30.58 0.60 0.00	27.12 0.53 0.00	25.44 0.50 0.00	25.11 0.52 0.00	26.26 0.56 0.00	29.13 0.63 0.00	32.51 0.70 0.00	34.98 0.88 0.00	36.49 0.92 0.00	36.74 0.93 0.00	37.38 1.05 0.00	37.49 1.13 0.00	39.27 1.14 0.00	39.40 1.11 0.00	41.60 1.21 0.00	42.40 1.03 0.00	47.38 1.29 0.00	46.00 1.25 0.00	39.24 1.07 0.00	39.21 1.14 0.00	36.17 1.09 0.00	32.62 0.92 0.00	31.01 0.87 0.00
E_FISHKILL__LBMP 23776	34.36 1.91 0.00	31.72 1.74 0.00	28.07 1.49 0.00	26.31 1.37 0.00	25.92 1.33 0.00	27.06 1.36 0.00	30.05 1.54 0.00	33.66 1.85 0.00	36.22 2.08 -0.05	37.76 2.17 -0.02	37.96 2.15 0.00	38.90 2.58 0.00	39.13 2.76 0.00	41.02 2.90 0.00	41.35 3.06 0.00	43.83 3.43 0.00	44.71 3.35 0.00	49.78 3.69 0.00	48.24 3.49 0.00	41.03 2.86 0.00	40.73 2.66 0.00	37.23 2.14 0.00	33.80 2.09 0.00	32.09 1.96 0.00
FALCON____SEABRD_CC1 323796	33.46 1.01 0.00	31.09 1.11 0.00	27.60 1.01 0.00	25.83 0.90 0.00	25.48 0.88 0.00	26.80 1.10 0.00	29.85 1.34 0.00	33.34 1.53 0.00	35.66 1.57 0.00	37.17 1.60 0.00	37.35 1.54 0.00	37.52 1.20 0.00	37.31 0.94 0.00	39.08 0.95 0.00	38.86 0.58 0.00	41.04 0.64 0.00	42.07 0.70 0.00	46.27 0.19 0.00	45.51 0.76 0.00	39.08 0.91 0.00	39.13 1.06 0.00	36.42 1.33 0.00	32.69 0.98 0.00	31.07 0.94 0.00

FALCON___SEABRD_CC2 323797	33.46 1.01 0.00	31.09 1.11 0.00	27.60 1.01 0.00	25.83 0.90 0.00	25.48 0.88 0.00	26.80 1.10 0.00	29.85 1.34 0.00	33.34 1.53 0.00	35.66 1.57 0.00	37.17 1.60 0.00	37.35 1.54 0.00	37.52 1.20 0.00	37.31 0.94 0.00	39.08 0.95 0.00	38.86 0.58 0.00	41.04 0.64 0.00	42.07 0.70 0.00	46.27 0.19 0.00	45.51 0.76 0.00	39.08 0.91 0.00	39.13 1.06 0.00	36.42 1.33 0.00	32.69 0.98 0.00	31.07 0.94 0.00
FAR ROCKAWAY___4 23548	39.14 3.47 -3.22	38.07 3.12 -4.97	36.48 2.69 -7.21	29.25 2.44 -1.86	29.89 2.39 -2.91	33.21 2.49 -5.02	33.71 2.79 -2.41	38.03 3.28 -2.94	38.98 3.72 -1.17	39.51 3.88 -0.07	39.61 3.80 0.00	42.07 4.54 -1.21	41.47 4.76 -0.35	43.05 4.92 0.00	43.49 5.21 0.00	59.89 5.78 -13.72	67.20 5.79 -20.04	64.49 6.36 -12.04	50.79 6.04 0.00	42.98 4.81 0.00	42.64 4.57 0.00	39.05 3.96 0.00	35.19 3.49 0.00	33.54 3.41 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.98 2.53 0.00	32.29 2.31 0.00	28.53 1.94 0.00	26.71 1.77 0.00	26.29 1.70 0.00	27.50 1.80 0.00	30.59 2.08 0.00	34.42 2.61 0.00	37.17 2.93 -0.14	38.73 3.09 -0.07	40.46 3.12 -1.53	42.29 3.63 -2.34	41.79 3.85 -1.58	42.40 4.00 -0.26	43.09 4.17 -0.63	45.05 4.65 -0.02	45.91 4.55 0.00	51.02 4.93 0.00	49.41 4.65 0.00	42.02 3.85 0.00	41.65 3.58 0.00	38.14 3.05 0.00	34.62 2.92 0.00	32.76 2.62 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.01 2.56 0.00	32.32 2.34 0.00	28.55 1.97 0.00	26.71 1.77 0.00	26.32 1.72 0.00	27.50 1.80 0.00	30.59 2.08 0.00	34.42 2.61 0.00	37.17 2.93 -0.14	38.73 3.09 -0.07	40.46 3.12 -1.53	42.29 3.63 -2.34	41.79 3.85 -1.58	42.40 4.00 -0.26	43.09 4.17 -0.63	45.05 4.65 -0.02	45.91 4.55 0.00	51.02 4.93 0.00	49.45 4.70 0.00	42.02 3.85 0.00	41.65 3.58 0.00	38.14 3.05 0.00	34.62 2.92 0.00	32.79 2.65 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.95 2.50 0.00	32.29 2.31 0.00	28.53 1.94 0.00	26.68 1.75 0.00	26.29 1.70 0.00	27.50 1.80 0.00	30.56 2.05 0.00	34.39 2.58 0.00	37.13 2.90 -0.14	38.69 3.06 -0.07	40.42 3.08 -1.53	42.26 3.60 -2.34	41.76 3.82 -1.58	42.40 4.00 -0.26	43.05 4.13 -0.63	45.01 4.60 -0.02	45.87 4.51 0.00	50.98 4.89 0.00	49.36 4.61 0.00	41.98 3.82 0.00	41.61 3.54 0.00	38.10 3.02 0.00	34.59 2.89 0.00	32.76 2.62 0.00
FARRAGUT___LBMP 323566	34.95 2.50 0.00	32.26 2.28 0.00	28.50 1.91 0.00	26.66 1.72 0.00	26.27 1.67 0.00	27.47 1.77 0.00	30.53 2.02 0.00	34.36 2.54 0.00	37.10 2.86 -0.14	38.66 3.02 -0.07	40.35 3.01 -1.53	42.18 3.52 -2.34	41.72 3.78 -1.58	42.32 3.93 -0.26	43.01 4.10 -0.63	44.97 4.56 -0.02	45.83 4.47 0.00	50.93 4.84 0.00	49.32 4.56 0.00	41.95 3.78 0.00	41.57 3.50 0.00	38.07 2.98 0.00	34.56 2.85 0.00	32.73 2.59 0.00
FENNER___WINDPWR 24204	33.25 0.75 -0.06	30.64 0.66 0.00	27.17 0.58 0.00	25.46 0.52 0.00	25.11 0.52 0.00	26.32 0.62 0.00	29.25 0.74 0.00	32.64 0.83 0.00	35.13 0.95 -0.09	36.71 0.99 -0.15	36.85 1.04 0.00	37.56 1.24 0.00	37.56 1.20 0.00	39.46 1.33 0.00	39.59 1.30 0.00	41.81 1.41 0.00	42.81 1.45 0.00	47.70 1.61 0.00	46.27 1.52 0.00	39.39 1.22 0.00	39.36 1.30 0.00	36.03 0.95 0.00	32.43 0.73 0.00	30.77 0.63 0.00
FIBERTEK___ENERGY 23856	32.65 0.06 -0.14	29.98 0.00 0.00	26.59 0.00 0.00	24.91 -0.02 0.00	24.57 -0.02 0.00	25.70 0.00 0.00	28.54 0.03 0.00	31.84 0.03 0.00	34.28 -0.03 -0.22	35.94 0.00 -0.37	35.96 0.14 0.00	36.58 0.25 0.00	36.62 0.25 0.00	38.39 0.27 0.00	38.52 0.23 0.00	41.24 0.85 0.00	42.40 1.03 0.00	46.32 0.23 0.00	44.89 0.13 0.00	38.13 -0.04 0.00	38.07 0.00 0.00	34.98 -0.11 0.00	31.58 -0.13 0.00	29.95 -0.18 0.00
FITZPATRICK____ 23598	30.80 -0.87 0.77	29.14 -0.84 0.00	25.87 -0.72 0.00	24.24 -0.70 0.00	23.93 -0.66 0.00	25.01 -0.69 0.00	27.74 -0.77 0.00	30.92 -0.89 0.00	31.90 -0.99 1.20	32.50 -1.03 2.04	34.88 -0.93 0.00	35.49 -0.83 0.00	35.49 -0.87 0.00	37.21 -0.92 0.00	37.37 -0.92 0.00	39.34 -1.05 0.00	40.37 -0.99 0.00	45.03 -1.06 0.00	43.68 -1.07 0.00	37.18 -0.99 0.00	37.08 -0.99 0.00	34.10 -0.98 0.00	30.82 -0.89 0.00	29.26 -0.87 0.00
FLOWRFLD_69_KV_BK1 356044	38.72 3.05 -3.22	37.71 2.76 -4.97	36.21 2.42 -7.21	29.02 2.22 -1.86	29.65 2.14 -2.91	32.98 2.26 -5.02	33.46 2.54 -2.41	37.74 2.99 -2.94	38.47 3.20 -1.17	38.91 3.27 -0.07	39.00 3.19 0.00	40.64 3.96 -0.36	40.69 4.22 -0.11	42.55 4.42 0.00	43.21 4.71 -0.22	49.77 5.29 -4.09	59.88 5.13 -13.38	63.90 5.76 -12.05	50.18 5.41 -0.02	42.65 4.47 -0.02	42.31 4.23 -0.02	38.46 3.37 0.00	34.62 2.92 0.00	33.30 3.16 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.75 2.30 0.00	32.08 2.10 0.00	28.39 1.81 0.00	26.63 1.70 0.00	26.24 1.65 0.00	27.37 1.67 0.00	30.39 1.88 0.00	33.91 2.10 0.00	36.53 2.42 -0.01	38.10 2.53 -0.01	38.32 2.51 0.00	39.23 2.91 0.00	39.49 3.13 0.00	41.41 3.28 0.00	41.73 3.45 0.00	44.23 3.84 0.00	45.13 3.76 0.00	50.24 4.15 0.00	48.65 3.89 0.00	41.30 3.13 0.00	41.12 3.05 0.00	37.44 2.35 0.00	34.05 2.35 0.00	32.33 2.20 0.00
FORT ORANGE____ 23900	33.39 0.94 0.00	30.88 0.90 0.00	27.33 0.74 0.00	25.69 0.75 0.00	25.38 0.79 0.00	26.45 0.75 0.00	29.31 0.80 0.00	32.61 0.80 0.00	35.07 0.95 -0.03	36.47 0.89 -0.01	36.57 0.75 0.00	37.31 0.98 0.00	37.38 1.02 0.00	39.19 1.07 0.00	39.47 1.19 0.00	41.72 1.33 0.00	42.73 1.36 0.00	47.80 1.71 0.00	46.41 1.66 0.00	39.58 1.41 0.00	39.55 1.48 0.00	36.03 0.95 0.00	32.56 0.86 0.00	30.95 0.81 0.00
FORT_DRUM_COGEN 23780	32.66 0.10 -0.11	30.10 0.12 0.00	26.69 0.11 0.00	25.04 0.10 0.00	24.72 0.12 0.00	25.98 0.28 0.00	28.94 0.43 0.00	32.26 0.45 0.00	34.54 0.27 -0.17	36.08 0.21 -0.30	35.92 0.11 0.00	36.40 0.07 0.00	36.33 -0.04 0.00	38.17 0.04 0.00	38.10 -0.19 0.00	39.99 -0.40 0.00	41.12 -0.25 0.00	45.95 -0.14 0.00	44.89 0.13 0.00	38.59 0.42 0.00	38.72 0.65 0.00	35.40 0.32 0.00	31.74 0.03 0.00	30.13 0.00 0.00
FOX_HILLS___ESR 323835	35.16 2.69 -0.02	32.51 2.52 -0.01	28.66 2.07 0.00	26.78 1.85 0.00	26.37 1.77 0.00	27.50 1.80 0.00	30.56 2.05 0.00	34.52 2.70 0.00	51.42 3.00 -14.33	38.77 3.13 -0.07	40.54 3.15 -1.57	43.52 3.78 -3.42	45.69 4.07 -5.26	71.01 4.23 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.35 4.80 -21.19	126.28 5.12 -75.08	68.03 4.97 -18.31	67.47 4.12 -25.18	100.14 3.85 -58.23	59.60 3.33 -21.19	34.92 3.11 -0.11	40.95 2.83 -7.98
FPL FAR_ROCK_GT1 24212	39.15 3.47 -3.23	38.08 3.12 -4.98	36.48 2.68 -7.21	29.25 2.45 -1.87	29.90 2.39 -2.92	33.21 2.49 -5.02	33.69 2.76 -2.42	38.04 3.28 -2.95	38.98 3.72 -1.18	39.48 3.84 -0.07	39.68 3.87 0.00	41.96 4.43 -1.21	41.29 4.58 -0.35	43.05 4.92 0.00	43.34 5.05 0.00	59.77 5.65 -13.72	67.16 5.75 -20.05	64.49 6.36 -12.04	50.75 6.00 0.00	42.90 4.73 0.00	42.67 4.60 0.00	39.01 3.93 0.00	35.13 3.43 -0.01	33.55 3.40 -0.01



FPL FAR_ROCK_GT2 23815	39.15 3.47 -3.23	38.08 3.12 -4.98	36.48 2.68 -7.21	29.25 2.45 -1.87	29.90 2.39 -2.92	33.21 2.49 -5.02	33.69 2.76 -2.42	38.04 3.28 -2.95	38.98 3.72 -1.18	39.48 3.84 -0.07	39.68 3.87 0.00	41.96 4.43 -1.21	41.29 4.58 -0.35	43.05 4.92 0.00	43.34 5.05 0.00	59.77 5.65 -13.72	67.16 5.75 -20.05	64.49 6.36 -12.04	50.75 6.00 0.00	42.90 4.73 0.00	42.67 4.60 0.00	39.01 3.93 0.00	35.13 3.43 -0.01	33.55 3.40 -0.01
FRANKLIN_FALL_HYD 24054	32.55 0.10 0.00	30.25 0.27 0.00	26.83 0.24 0.00	25.11 0.17 0.00	24.79 0.20 0.00	26.06 0.36 0.00	29.05 0.54 0.00	32.42 0.60 0.00	34.67 0.58 0.00	36.17 0.60 0.00	36.24 0.43 0.00	36.36 0.04 0.00	36.00 -0.36 0.00	37.78 -0.34 0.00	37.60 -0.69 0.00	39.54 -0.85 0.00	40.70 -0.66 0.00	44.98 -1.11 0.00	43.95 -0.81 0.00	37.86 -0.31 0.00	38.18 0.11 0.00	35.33 0.25 0.00	31.74 0.03 0.00	30.22 0.09 0.00
FREEPORT_EQUS_GT1 23764	38.79 3.12 -3.23	37.77 2.82 -4.97	36.22 2.42 -7.21	29.00 2.20 -1.87	29.65 2.14 -2.92	32.95 2.23 -5.02	33.40 2.48 -2.41	37.74 2.99 -2.94	38.64 3.38 -1.17	39.09 3.45 -0.07	39.25 3.44 0.00	41.81 4.07 -1.42	40.95 4.18 -0.41	42.55 4.42 0.00	42.80 4.52 0.00	61.48 5.17 -15.92	68.06 5.13 -21.57	63.70 5.57 -12.04	50.03 5.28 0.00	42.48 4.31 0.00	42.22 4.15 0.00	38.63 3.54 0.00	34.78 3.07 0.00	33.24 3.10 0.00
FREEPORT___CT2 23818	38.79 3.12 -3.23	37.77 2.82 -4.97	36.22 2.42 -7.21	29.00 2.20 -1.87	29.65 2.14 -2.92	32.95 2.23 -5.02	33.40 2.48 -2.41	37.74 2.99 -2.94	38.64 3.38 -1.17	39.09 3.45 -0.07	39.25 3.44 0.00	41.81 4.07 -1.42	40.95 4.18 -0.41	42.55 4.42 0.00	42.80 4.52 0.00	61.48 5.17 -15.92	68.06 5.13 -21.57	63.70 5.57 -12.04	50.03 5.28 0.00	42.48 4.31 0.00	42.22 4.15 0.00	38.63 3.54 0.00	34.78 3.07 0.00	33.24 3.10 0.00
FRESHKLS_33_KV_LOAD 356253	35.13 2.66 -0.02	32.48 2.49 -0.01	28.66 2.07 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.47 1.77 0.00	30.53 2.02 0.00	34.45 2.64 0.00	51.39 2.97 -14.33	38.73 3.09 -0.07	40.51 3.12 -1.57	43.49 3.74 -3.42	45.66 4.04 -5.26	71.01 4.23 -28.65	71.21 4.48 -28.44	80.54 4.93 -35.22	67.39 4.84 -21.19	126.37 5.21 -75.08	68.12 5.06 -18.31	67.55 4.20 -25.18	100.18 3.88 -58.23	59.64 3.37 -21.19	34.89 3.08 -0.11	40.92 2.80 -7.98
FULTON COGEN____ 23766	32.34 -0.36 -0.25	29.59 -0.39 0.00	26.27 -0.32 0.00	24.61 -0.32 0.00	24.28 -0.32 0.00	25.39 -0.31 0.00	28.17 -0.34 0.00	31.43 -0.38 0.00	34.01 -0.48 -0.39	35.78 -0.46 -0.67	35.42 -0.39 0.00	36.03 -0.29 0.00	36.11 -0.25 0.00	37.82 -0.31 0.00	37.98 -0.31 0.00	39.99 -0.40 0.00	41.03 -0.33 0.00	45.77 -0.32 0.00	44.39 -0.36 0.00	37.75 -0.42 0.00	37.69 -0.38 0.00	34.63 -0.46 0.00	31.26 -0.44 0.00	29.65 -0.48 0.00
FULTON___LFGE 323630	36.37 3.92 0.00	33.64 3.66 0.00	29.54 2.95 0.00	27.73 2.79 0.00	27.40 2.80 0.00	28.89 3.19 0.00	32.33 3.82 0.00	36.36 4.55 0.00	39.05 4.94 -0.02	40.24 4.66 -0.01	40.58 4.76 0.00	41.19 4.87 0.00	41.13 4.76 0.00	42.89 4.77 0.00	43.15 4.86 0.00	45.48 5.09 0.00	46.78 5.42 0.00	53.09 7.00 0.00	52.05 7.30 0.00	44.16 5.99 0.00	44.54 6.47 0.00	40.38 5.30 0.00	35.73 4.03 0.00	33.69 3.55 0.00
G.F.CEMENT___DRP 24184	34.65 2.21 0.00	32.20 2.22 0.00	28.34 1.75 0.00	26.61 1.67 0.00	26.27 1.67 0.00	27.52 1.82 0.00	30.70 2.20 0.00	34.01 2.20 0.00	36.61 2.49 -0.03	38.11 2.53 -0.01	37.93 2.11 0.00	38.69 2.36 0.00	38.73 2.36 0.00	40.38 2.25 0.00	40.66 2.37 0.00	42.98 2.59 0.00	43.93 2.56 0.00	49.45 3.36 0.00	48.51 3.76 0.00	41.30 3.13 0.00	41.46 3.39 0.00	37.72 2.63 0.00	33.76 2.06 0.00	32.06 1.93 0.00
GARDENVILLE___LBMP 24039	32.42 -0.03 0.00	29.50 -0.48 0.00	26.43 -0.16 0.00	24.71 -0.22 0.00	24.25 -0.34 0.00	25.55 -0.15 0.00	28.19 -0.31 0.00	30.95 -0.86 0.00	32.86 -1.23 0.00	34.39 -1.17 0.01	35.42 -0.39 0.00	36.03 -0.29 0.00	36.29 -0.07 0.00	38.02 -0.11 0.00	37.79 -0.50 0.00	39.95 -0.44 0.00	41.45 0.08 0.00	45.77 -0.32 0.00	44.62 -0.13 0.00	37.56 -0.61 0.00	37.46 -0.61 0.00	34.52 -0.56 0.00	30.97 -0.73 0.00	29.74 -0.39 0.00
GARDNVLA_35_KV_LD 355827	32.58 0.13 0.00	29.62 -0.36 0.00	26.56 -0.03 0.00	24.81 -0.12 0.00	24.35 -0.25 0.00	25.65 -0.05 0.00	28.34 -0.17 0.00	31.11 -0.70 0.00	33.03 -1.06 0.00	34.53 -1.03 0.01	35.60 -0.21 0.00	36.25 -0.07 0.00	36.47 0.11 0.00	38.29 0.15 -0.27	38.02 -0.27 -0.01	40.20 -0.20 -0.01	41.74 0.37 0.00	46.05 -0.05 -0.01	44.89 0.13 0.00	37.75 -0.42 0.00	37.65 -0.42 0.00	34.70 -0.39 0.00	31.13 -0.57 0.00	29.89 -0.24 0.00
GELCKHM___115KV_LOAD 80723	32.34 -0.19 -0.09	29.74 -0.24 0.00	26.37 -0.21 0.00	24.71 -0.22 0.00	24.37 -0.22 0.00	25.49 -0.21 0.00	28.31 -0.20 0.00	31.59 -0.22 0.00	33.93 -0.31 -0.14	35.52 -0.28 -0.24	35.64 -0.18 0.00	36.25 -0.07 0.00	36.33 -0.04 0.00	38.05 -0.08 0.00	38.21 -0.08 0.00	40.64 0.24 0.00	41.74 0.37 0.00	46.04 -0.05 0.00	44.66 -0.09 0.00	37.94 -0.23 0.00	37.88 -0.19 0.00	34.80 -0.28 0.00	31.42 -0.29 0.00	29.80 -0.33 0.00
GENERAL___MILLS 23808	32.51 0.06 0.00	29.56 -0.42 0.00	26.51 -0.08 0.00	24.76 -0.17 0.00	24.30 -0.30 0.00	25.60 -0.10 0.00	28.28 -0.23 0.00	31.05 -0.76 0.00	32.97 -1.13 0.00	34.46 -1.10 0.01	35.53 -0.29 0.00	36.14 -0.18 0.00	36.36 0.00 0.00	38.13 0.00 -0.01	37.91 -0.38 -0.01	40.08 -0.32 -0.01	41.57 0.21 0.00	45.91 -0.18 -0.01	44.75 0.00 0.00	37.63 -0.53 0.00	37.54 -0.53 0.00	34.63 -0.46 0.00	31.04 -0.67 0.00	29.83 -0.30 0.00
GE_PLASTICS___DRP 24183	33.29 0.84 0.00	30.76 0.78 0.00	27.25 0.66 0.00	25.61 0.67 0.00	25.28 0.69 0.00	26.34 0.64 0.00	29.19 0.68 0.00	32.54 0.73 0.00	34.97 0.85 -0.03	36.43 0.85 -0.01	36.53 0.72 0.00	37.30 0.98 0.00	37.42 1.05 0.00	39.19 1.07 0.00	39.47 1.19 0.00	41.73 1.33 0.00	42.69 1.32 0.00	47.66 1.57 0.00	46.27 1.52 0.00	39.43 1.26 0.00	39.29 1.22 0.00	35.93 0.84 0.00	32.50 0.79 0.00	30.89 0.75 0.00
GILBOA___1 23756	33.39 0.94 0.00	30.85 0.87 0.00	27.33 0.74 0.00	25.74 0.80 0.00	25.38 0.79 0.00	26.39 0.69 0.00	29.25 0.74 0.00	32.67 0.86 0.00	35.09 0.99 -0.01	36.57 0.99 -0.01	36.82 1.00 0.00	37.59 1.27 0.00	37.67 1.31 0.00	39.54 1.41 0.00	39.74 1.45 0.00	42.05 1.66 0.00	42.98 1.61 0.00	47.89 1.80 0.00	46.45 1.70 0.00	39.62 1.45 0.00	39.52 1.45 0.00	36.10 1.02 0.00	32.69 0.98 0.00	31.07 0.94 0.00
GILBOA___2 23757	33.39 0.94 0.00	30.85 0.87 0.00	27.33 0.74 0.00	25.74 0.80 0.00	25.38 0.79 0.00	26.39 0.69 0.00	29.25 0.74 0.00	32.67 0.86 0.00	35.09 0.99 -0.01	36.57 0.99 -0.01	36.82 1.00 0.00	37.59 1.27 0.00	37.67 1.31 0.00	39.54 1.41 0.00	39.74 1.45 0.00	42.05 1.66 0.00	42.98 1.61 0.00	47.89 1.80 0.00	46.45 1.70 0.00	39.62 1.45 0.00	39.52 1.45 0.00	36.10 1.02 0.00	32.69 0.98 0.00	31.07 0.94 0.00

GILBOA___3 23758	33.39 0.94 0.00	30.85 0.87 0.00	27.33 0.74 0.00	25.74 0.80 0.00	25.38 0.79 0.00	26.39 0.69 0.00	29.25 0.74 0.00	32.67 0.86 0.00	35.09 0.99 -0.01	36.57 0.99 -0.01	36.82 1.00 0.00	37.59 1.27 0.00	37.67 1.31 0.00	39.54 1.41 0.00	39.74 1.45 0.00	42.05 1.66 0.00	42.98 1.61 0.00	47.89 1.80 0.00	46.45 1.70 0.00	39.62 1.45 0.00	39.52 1.45 0.00	36.10 1.02 0.00	32.69 0.98 0.00	31.07 0.94 0.00
GILBOA___4 23759	33.39 0.94 0.00	30.85 0.87 0.00	27.33 0.74 0.00	25.74 0.80 0.00	25.38 0.79 0.00	26.39 0.69 0.00	29.25 0.74 0.00	32.67 0.86 0.00	35.09 0.99 -0.01	36.57 0.99 -0.01	36.82 1.00 0.00	37.59 1.27 0.00	37.67 1.31 0.00	39.54 1.41 0.00	39.74 1.45 0.00	42.05 1.66 0.00	42.98 1.61 0.00	47.89 1.80 0.00	46.45 1.70 0.00	39.62 1.45 0.00	39.52 1.45 0.00	36.10 1.02 0.00	32.69 0.98 0.00	31.07 0.94 0.00
GILBOA___ 23599	33.39 0.94 0.00	30.85 0.87 0.00	27.33 0.74 0.00	25.74 0.80 0.00	25.38 0.79 0.00	26.39 0.69 0.00	29.28 0.77 0.00	32.67 0.86 0.00	35.09 0.99 -0.01	36.57 1.00 -0.01	36.78 0.97 0.00	37.56 1.24 0.00	37.71 1.35 0.00	39.54 1.41 0.00	39.78 1.49 0.00	42.09 1.70 0.00	42.94 1.57 0.00	47.84 1.75 0.00	46.45 1.70 0.00	39.62 1.45 0.00	39.44 1.37 0.00	36.10 1.02 0.00	32.69 0.98 0.00	31.07 0.93 0.00
GINNA___ 23603	31.18 -1.27 0.00	28.57 -1.41 0.00	25.42 -1.17 0.00	23.77 -1.17 0.00	23.39 -1.20 0.00	24.60 -1.10 0.00	27.23 -1.28 0.00	30.22 -1.59 0.00	32.28 -1.81 0.00	33.71 -1.85 0.01	34.31 -1.50 0.00	34.98 -1.34 0.00	34.94 -1.42 0.00	36.53 -1.60 0.00	36.49 -1.80 0.00	38.62 -1.78 0.00	39.83 -1.53 0.00	44.16 -1.93 0.00	42.92 -1.84 0.00	36.34 -1.83 0.00	36.32 -1.75 0.00	33.40 -1.68 0.00	29.96 -1.74 0.00	28.54 -1.60 0.00
GLEN PARK___ 23778	32.89 0.32 -0.12	30.28 0.30 0.00	26.85 0.27 0.00	25.19 0.25 0.00	24.87 0.27 0.00	26.16 0.46 0.00	29.13 0.63 0.00	32.45 0.64 0.00	34.72 0.44 -0.18	36.27 0.39 -0.31	36.10 0.29 0.00	36.65 0.33 0.00	36.55 0.18 0.00	38.36 0.23 0.00	38.29 0.00 0.00	40.19 -0.20 0.00	41.36 0.00 0.00	46.27 0.19 0.00	45.25 0.49 0.00	38.89 0.72 0.00	39.06 0.99 0.00	35.68 0.60 0.00	31.96 0.25 0.00	30.32 0.18 0.00
GLENDALE_27_KV_LOAD 356172	35.27 2.82 0.00	32.57 2.58 -0.01	28.74 2.15 0.00	26.86 1.92 0.00	26.44 1.84 0.00	27.65 1.95 0.00	30.76 2.25 0.00	34.68 2.86 0.00	39.46 3.20 -2.17	39.01 3.38 -0.07	40.76 3.37 -1.57	42.66 3.92 -2.41	42.58 4.18 -2.03	42.78 4.38 -0.27	43.49 4.56 -0.65	45.38 4.97 -0.02	46.24 4.88 0.00	51.30 5.21 0.00	49.76 5.01 0.00	42.37 4.20 0.00	41.99 3.92 0.00	38.50 3.40 -0.01	34.91 3.20 -0.01	33.07 2.92 -0.01
GLENWOOD_IC_1_G5 23712	38.72 3.05 -3.22	37.74 2.79 -4.97	36.19 2.39 -7.21	28.97 2.17 -1.86	29.62 2.12 -2.91	32.93 2.21 -5.02	33.40 2.48 -2.41	37.74 2.99 -2.94	38.64 3.38 -1.17	39.16 3.52 -0.07	39.29 3.47 0.00	43.87 4.03 -3.51	41.63 4.25 -1.01	42.36 4.23 0.00	42.80 4.52 0.00	85.19 5.05 -39.74	84.44 5.05 -38.03	63.56 5.44 -12.04	49.85 5.10 0.00	42.40 4.24 0.00	42.03 3.96 0.00	38.59 3.51 0.00	34.78 3.08 0.00	33.21 3.07 0.00
GLENWOOD_IC_2_G1 23688	38.60 2.92 -3.23	37.62 2.67 -4.97	36.08 2.29 -7.21	28.90 2.10 -1.87	29.55 2.04 -2.92	32.85 2.13 -5.02	33.29 2.36 -2.41	37.62 2.86 -2.94	38.50 3.24 -1.17	38.98 3.34 -0.07	39.15 3.33 0.00	46.91 3.96 -6.63	42.37 4.11 -1.90	42.36 4.23 0.00	42.65 4.36 0.00	120.43 4.97 -75.07	108.87 5.04 -62.46	63.56 5.44 -12.04	49.85 5.10 0.00	42.21 4.04 0.00	41.95 3.89 0.00	38.42 3.33 0.00	34.62 2.91 0.00	33.09 2.95 0.00
GLENWOOD_IC_3_G1 23689	38.60 2.92 -3.23	37.62 2.67 -4.97	36.08 2.29 -7.21	28.90 2.10 -1.87	29.55 2.04 -2.92	32.85 2.13 -5.02	33.29 2.36 -2.41	37.62 2.86 -2.94	38.50 3.24 -1.17	38.98 3.34 -0.07	39.15 3.33 0.00	46.91 3.96 -6.63	42.37 4.11 -1.90	42.36 4.23 0.00	42.65 4.36 0.00	120.43 4.97 -75.07	108.87 5.04 -62.46	63.56 5.44 -12.04	49.85 5.10 0.00	42.21 4.04 0.00	41.95 3.89 0.00	38.42 3.33 0.00	34.62 2.91 0.00	33.09 2.95 0.00
GLENWOOD___4 23550	38.72 3.05 -3.22	37.74 2.79 -4.97	36.19 2.39 -7.21	28.97 2.17 -1.86	29.62 2.12 -2.91	32.93 2.21 -5.02	33.40 2.48 -2.41	37.74 2.99 -2.94	38.64 3.38 -1.17	39.16 3.52 -0.07	39.29 3.47 0.00	43.90 4.07 -3.51	41.66 4.29 -1.01	42.44 4.31 0.00	42.92 4.63 0.00	85.31 5.17 -39.74	84.56 5.17 -38.03	63.66 5.53 -12.04	49.99 5.24 0.00	42.44 4.27 0.00	42.07 4.00 0.00	38.59 3.51 0.00	34.78 3.08 0.00	33.21 3.07 0.00
GLENWOOD___5 23614	38.72 3.05 -3.22	37.74 2.79 -4.97	36.19 2.39 -7.21	28.97 2.17 -1.86	29.62 2.12 -2.91	32.93 2.21 -5.02	33.40 2.48 -2.41	37.74 2.99 -2.94	38.64 3.38 -1.17	39.16 3.52 -0.07	39.29 3.47 0.00	43.90 4.07 -3.51	41.66 4.29 -1.01	42.44 4.31 0.00	42.92 4.63 0.00	85.31 5.17 -39.74	84.56 5.17 -38.03	63.66 5.53 -12.04	49.99 5.24 0.00	42.44 4.27 0.00	42.07 4.00 0.00	38.59 3.51 0.00	34.78 3.08 0.00	33.21 3.07 0.00
GLOBAL GREEN_PORT_GT1 23814	39.05 3.37 -3.22	37.92 2.97 -4.97	36.51 2.71 -7.21	29.30 2.49 -1.86	30.04 2.53 -2.91	33.54 2.83 -5.02	34.11 3.19 -2.41	38.60 3.85 -2.94	39.76 4.50 -1.17	40.37 4.73 -0.07	40.94 5.12 0.00	42.59 5.92 -0.34	42.39 5.93 -0.10	44.35 6.22 0.00	44.82 6.28 -0.25	51.54 7.27 -3.88	61.97 7.36 -13.25	66.57 8.43 -12.05	52.86 8.10 -0.01	44.36 6.18 -0.01	44.17 6.09 -0.01	39.79 4.70 0.00	35.32 3.61 0.00	34.00 3.86 0.00
GLOBE___DSASP 323697	31.22 -1.23 0.00	28.42 -1.56 0.00	25.50 -1.09 0.00	23.79 -1.15 0.00	23.37 -1.23 0.00	24.59 -1.11 0.00	27.08 -1.43 0.00	29.55 -2.26 0.00	31.36 -2.73 0.00	32.79 -2.77 0.01	33.74 -2.08 0.00	34.18 -2.14 0.00	34.44 -1.93 0.00	36.05 -2.06 0.02	35.77 -2.49 0.02	37.83 -2.54 0.02	39.34 -2.03 0.00	43.39 -2.67 0.02	42.38 -2.37 0.00	35.76 -2.40 0.00	35.75 -2.32 0.00	33.01 -2.07 0.00	29.58 -2.12 0.00	28.60 -1.54 0.00
GOETHSLN___LBMP 323567	34.82 2.37 0.00	32.11 2.13 0.00	28.37 1.78 0.00	26.56 1.62 0.00	26.14 1.55 0.00	27.34 1.64 0.00	30.42 1.91 0.00	34.23 2.42 0.00	36.96 2.73 -0.14	38.52 2.88 -0.07	40.24 2.90 -1.53	42.04 3.38 -2.34	41.58 3.64 -1.58	42.17 3.77 -0.26	42.86 3.94 -0.63	44.77 4.36 -0.02	45.62 4.26 0.00	50.65 4.56 0.00	49.09 4.34 0.00	41.76 3.59 0.00	41.38 3.31 0.00	37.93 2.84 0.00	34.46 2.76 0.00	32.60 2.47 0.00
GOLAH___69_KV_TB 1_2 80279	32.61 0.16 0.00	29.83 -0.15 0.00	26.56 -0.03 0.00	24.81 -0.12 0.00	24.37 -0.22 0.00	25.67 -0.03 0.00	28.42 -0.09 0.00	31.40 -0.41 0.00	33.48 -0.61 0.00	34.95 -0.60 0.01	35.67 -0.14 0.00	36.18 -0.15 0.00	36.36 0.00 0.00	38.01 -0.11 0.00	37.87 -0.42 0.00	40.15 -0.24 0.00	41.45 0.08 0.00	45.91 -0.18 0.00	44.75 0.00 0.00	37.82 -0.34 0.00	37.88 -0.19 0.00	34.91 -0.18 0.00	31.29 -0.41 0.00	29.98 -0.15 0.00

GOODYEAR_LAKE_HYD 323669	33.91 1.46 0.00	31.27 1.29 0.00	27.70 1.12 0.00	26.01 1.07 0.00	25.65 1.06 0.00	26.86 1.16 0.00	29.85 1.34 0.00	35.25 3.44 0.00	37.59 3.44 -0.06	39.19 3.52 -0.10	39.50 3.69 0.00	40.28 3.96 0.00	40.25 3.89 0.00	42.25 4.12 0.00	42.35 4.06 0.00	44.67 4.28 0.00	46.12 4.76 0.00	51.67 5.58 0.00	50.39 5.64 0.00	42.79 4.62 0.00	43.02 4.95 0.00	38.98 3.89 0.00	34.72 3.01 0.00	32.82 2.68 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	32.95 0.45 -0.05	30.25 0.27 0.00	26.91 0.32 0.00	25.21 0.27 0.00	24.82 0.22 0.00	25.98 0.28 0.00	28.85 0.34 0.00	32.45 0.64 0.00	34.79 0.61 -0.08	36.35 0.64 -0.14	36.71 0.90 0.00	37.45 1.13 0.00	37.34 0.98 0.00	39.16 1.03 0.00	39.28 1.00 0.00	41.60 1.21 0.00	42.77 1.41 0.00	47.56 1.47 0.00	46.18 1.43 0.00	39.16 0.99 0.00	39.06 0.99 0.00	35.82 0.74 0.00	32.27 0.57 0.00	30.62 0.48 0.00
GOUDEY___7 23579	32.99 0.49 -0.05	30.28 0.30 0.00	26.93 0.35 0.00	25.24 0.30 0.00	24.84 0.25 0.00	26.01 0.31 0.00	28.88 0.37 0.00	32.51 0.70 0.00	34.82 0.65 -0.08	36.39 0.68 -0.14	36.75 0.93 0.00	37.49 1.16 0.00	37.38 1.02 0.00	39.19 1.07 0.00	39.32 1.03 0.00	41.65 1.25 0.00	42.81 1.45 0.00	47.61 1.52 0.00	46.23 1.48 0.00	39.20 1.03 0.00	39.10 1.03 0.00	35.86 0.77 0.00	32.31 0.60 0.00	30.65 0.51 0.00
GOUDEY___8 23580	32.95 0.45 -0.05	30.25 0.27 0.00	26.91 0.32 0.00	25.21 0.27 0.00	24.82 0.22 0.00	25.98 0.28 0.00	28.85 0.34 0.00	32.45 0.64 0.00	34.79 0.61 -0.08	36.35 0.64 -0.14	36.71 0.90 0.00	37.45 1.13 0.00	37.34 0.98 0.00	39.16 1.03 0.00	39.28 1.00 0.00	41.60 1.21 0.00	42.77 1.41 0.00	47.56 1.47 0.00	46.18 1.43 0.00	39.16 0.99 0.00	39.06 0.99 0.00	35.82 0.74 0.00	32.27 0.57 0.00	30.62 0.48 0.00
GOWANUS_GT1_1 24077	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.90 0.00	26.42 1.82 0.00	27.58 1.88 0.00	30.67 2.17 0.00	34.61 2.80 0.00	51.56 3.14 -14.33	38.91 3.27 -0.07	40.68 3.29 -1.57	43.63 3.89 -3.42	45.77 4.15 -5.26	71.12 4.35 -28.65	71.25 4.52 -28.44	80.54 4.93 -35.22	67.39 4.84 -21.19	126.33 5.16 -75.08	68.61 5.01 -18.84	67.51 4.16 -25.18	100.18 3.88 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GOWANUS_GT1_2 24078	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.90 0.00	26.42 1.82 0.00	27.58 1.88 0.00	30.67 2.17 0.00	34.61 2.80 0.00	51.56 3.14 -14.33	38.91 3.27 -0.07	40.68 3.29 -1.57	43.63 3.89 -3.42	45.77 4.15 -5.26	71.12 4.35 -28.65	71.25 4.52 -28.44	80.54 4.93 -35.22	67.39 4.84 -21.19	126.33 5.16 -75.08	68.61 5.01 -18.84	67.51 4.16 -25.18	100.18 3.88 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GOWANUS_GT1_3 24079	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.90 0.00	26.42 1.82 0.00	27.58 1.88 0.00	30.67 2.17 0.00	34.61 2.80 0.00	51.56 3.14 -14.33	38.91 3.27 -0.07	40.68 3.29 -1.57	43.63 3.89 -3.42	45.77 4.15 -5.26	71.12 4.35 -28.65	71.25 4.52 -28.44	80.54 4.93 -35.22	67.39 4.84 -21.19	126.33 5.16 -75.08	68.61 5.01 -18.84	67.51 4.16 -25.18	100.18 3.88 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GOWANUS_GT1_4 24080	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.90 0.00	26.42 1.82 0.00	27.58 1.88 0.00	30.67 2.17 0.00	34.61 2.80 0.00	51.56 3.14 -14.33	38.91 3.27 -0.07	40.68 3.29 -1.57	43.63 3.89 -3.42	45.77 4.15 -5.26	71.12 4.35 -28.65	71.25 4.52 -28.44	80.54 4.93 -35.22	67.39 4.84 -21.19	126.33 5.16 -75.08	68.61 5.01 -18.84	67.51 4.16 -25.18	100.18 3.88 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GOWANUS_GT1_5 24084	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.90 0.00	26.42 1.82 0.00	27.58 1.88 0.00	30.67 2.17 0.00	34.61 2.80 0.00	51.56 3.14 -14.33	38.91 3.27 -0.07	40.68 3.29 -1.57	43.63 3.89 -3.42	45.77 4.15 -5.26	71.12 4.35 -28.65	71.25 4.52 -28.44	80.54 4.93 -35.22	67.39 4.84 -21.19	126.33 5.16 -75.08	68.61 5.01 -18.84	67.51 4.16 -25.18	100.18 3.88 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GOWANUS_GT1_6 24111	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.90 0.00	26.42 1.82 0.00	27.58 1.88 0.00	30.67 2.17 0.00	34.61 2.80 0.00	51.56 3.14 -14.33	38.91 3.27 -0.07	40.68 3.29 -1.57	43.63 3.89 -3.42	45.77 4.15 -5.26	71.12 4.35 -28.65	71.25 4.52 -28.44	80.54 4.93 -35.22	67.39 4.84 -21.19	126.33 5.16 -75.08	68.61 5.01 -18.84	67.51 4.16 -25.18	100.18 3.88 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GOWANUS_GT1_7 24112	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.90 0.00	26.42 1.82 0.00	27.58 1.88 0.00	30.67 2.17 0.00	34.61 2.80 0.00	51.56 3.14 -14.33	38.91 3.27 -0.07	40.68 3.29 -1.57	43.63 3.89 -3.42	45.77 4.15 -5.26	71.12 4.35 -28.65	71.25 4.52 -28.44	80.54 4.93 -35.22	67.39 4.84 -21.19	126.33 5.16 -75.08	68.61 5.01 -18.84	67.51 4.16 -25.18	100.18 3.88 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GOWANUS_GT1_8 24113	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.90 0.00	26.42 1.82 0.00	27.58 1.88 0.00	30.67 2.17 0.00	34.61 2.80 0.00	51.56 3.14 -14.33	38.91 3.27 -0.07	40.68 3.29 -1.57	43.63 3.89 -3.42	45.77 4.15 -5.26	71.12 4.35 -28.65	71.25 4.52 -28.44	80.54 4.93 -35.22	67.39 4.84 -21.19	126.33 5.16 -75.08	68.61 5.01 -18.84	67.51 4.16 -25.18	100.18 3.88 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GOWANUS_GT2_1 24114	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	67.45 4.92 -17.78	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GOWANUS_GT2_2 24115	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	67.45 4.92 -17.78	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GOWANUS_GT2_3 24116	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	67.45 4.92 -17.78	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98

GOWANUS_GT2_4 24117	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	67.45 4.92 -17.78	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GOWANUS_GT2_5 24118	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	67.45 4.92 -17.78	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GOWANUS_GT2_6 24119	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	67.45 4.92 -17.78	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GOWANUS_GT2_7 24120	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	67.45 4.92 -17.78	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GOWANUS_GT2_8 24121	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	67.45 4.92 -17.78	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GOWANUS_GT3_1 24122	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	68.52 4.92 -18.84	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GOWANUS_GT3_2 24123	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	68.52 4.92 -18.84	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GOWANUS_GT3_3 24124	35.2																							

GOWANUS_GT4_3 24132	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.90 0.00	26.42 1.82 0.00	27.58 1.88 0.00	30.67 2.17 0.00	34.61 2.80 0.00	51.56 3.14 -14.33	38.91 3.27 -0.07	40.68 3.29 -1.57	43.63 3.89 -3.42	45.77 4.15 -5.26	71.12 4.35 -28.65	71.25 4.52 -28.44	80.54 4.93 -35.22	67.39 4.84 -21.19	126.33 5.16 -75.08	67.54 5.01 -17.78	67.51 4.16 -25.18	100.18 3.88 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GOWANUS_GT4_4 24133	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.90 0.00	26.42 1.82 0.00	27.58 1.88 0.00	30.67 2.17 0.00	34.61 2.80 0.00	51.56 3.14 -14.33	38.91 3.27 -0.07	40.68 3.29 -1.57	43.63 3.89 -3.42	45.77 4.15 -5.26	71.12 4.35 -28.65	71.25 4.52 -28.44	80.54 4.93 -35.22	67.39 4.84 -21.19	126.33 5.16 -75.08	67.54 5.01 -17.78	67.51 4.16 -25.18	100.18 3.88 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GOWANUS_GT4_5 24134	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.90 0.00	26.42 1.82 0.00	27.58 1.88 0.00	30.67 2.17 0.00	34.61 2.80 0.00	51.56 3.14 -14.33	38.91 3.27 -0.07	40.68 3.29 -1.57	43.63 3.89 -3.42	45.77 4.15 -5.26	71.12 4.35 -28.65	71.25 4.52 -28.44	80.54 4.93 -35.22	67.39 4.84 -21.19	126.33 5.16 -75.08	67.54 5.01 -17.78	67.51 4.16 -25.18	100.18 3.88 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GOWANUS_GT4_6 24135	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.90 0.00	26.42 1.82 0.00	27.58 1.88 0.00	30.67 2.17 0.00	34.61 2.80 0.00	51.56 3.14 -14.33	38.91 3.27 -0.07	40.68 3.29 -1.57	43.63 3.89 -3.42	45.77 4.15 -5.26	71.12 4.35 -28.65	71.25 4.52 -28.44	80.54 4.93 -35.22	67.39 4.84 -21.19	126.33 5.16 -75.08	67.54 5.01 -17.78	67.51 4.16 -25.18	100.18 3.88 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GOWANUS_GT4_7 24136	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.90 0.00	26.42 1.82 0.00	27.58 1.88 0.00	30.67 2.17 0.00	34.61 2.80 0.00	51.56 3.14 -14.33	38.91 3.27 -0.07	40.68 3.29 -1.57	43.63 3.89 -3.42	45.77 4.15 -5.26	71.12 4.35 -28.65	71.25 4.52 -28.44	80.54 4.93 -35.22	67.39 4.84 -21.19	126.33 5.16 -75.08	67.54 5.01 -17.78	67.51 4.16 -25.18	100.18 3.88 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GOWANUS_GT4_8 24137	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.90 0.00	26.42 1.82 0.00	27.58 1.88 0.00	30.67 2.17 0.00	34.61 2.80 0.00	51.56 3.14 -14.33	38.91 3.27 -0.07	40.68 3.29 -1.57	43.63 3.89 -3.42	45.77 4.15 -5.26	71.12 4.35 -28.65	71.25 4.52 -28.44	80.54 4.93 -35.22	67.39 4.84 -21.19	126.33 5.16 -75.08	67.54 5.01 -17.78	67.51 4.16 -25.18	100.18 3.88 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GREENBSH_115KV_TB3 55895	33.19 0.75 0.00	30.70 0.72 0.00	27.20 0.61 0.00	25.56 0.62 0.00	25.23 0.64 0.00	26.29 0.59 0.00	29.11 0.60 0.00	32.45 0.64 0.00	34.90 0.78 -0.03	36.36 0.78 -0.01	36.42 0.61 0.00	37.20 0.87 0.00	37.31 0.95 0.00	39.12 0.99 0.00	39.36 1.07 0.00	41.65 1.25 0.00	42.56 1.20 0.00	47.56 1.47 0.00	46.18 1.43 0.00	39.39 1.22 0.00	39.25 1.18 0.00	35.82 0.74 0.00	32.40 0.70 0.00	30.80 0.66 0.00
GREENDGE_115KV_TB5 80291	33.07 0.58 -0.04	30.28 0.30 0.00	26.93 0.35 0.00	25.19 0.25 0.00	24.79 0.20 0.00	26.08 0.39 0.00	28.99 0.48 0.00	32.19 0.38 0.00	34.36 0.20 -0.07	35.89 0.21 -0.11	36.39 0.57 0.00	37.05 0.73 0.00	37.16 0.80 0.00	38.51 0.38 0.00	38.48 0.19 0.00	40.88 0.48 0.00	42.19 0.83 0.00	46.64 0.55 0.00	45.29 0.54 0.00	38.32 0.15 0.00	38.26 0.19 0.00	35.54 0.46 0.00	31.93 0.22 0.00	30.28 0.15 0.00
GREENIDGE___3 23582	33.07 0.58 -0.04	30.28 0.30 0.00	26.93 0.35 0.00	25.19 0.25 0.00	24.79 0.20 0.00	26.08 0.39 0.00	28.99 0.48 0.00	32.19 0.38 0.00	34.36 0.20 -0.07	35.89 0.21 -0.11	36.39 0.57 0.00	37.05 0.73 0.00	37.16 0.80 0.00	38.51 0.38 0.00	38.48 0.19 0.00	40.88 0.48 0.00	42.19 0.83 0.00	46.64 0.55 0.00	45.29 0.54 0.00	38.32 0.15 0.00	38.26 0.19 0.00	35.54 0.46 0.00	31.93 0.22 0.00	30.28 0.15 0.00
GREENIDGE___4 23583	33.08 0.58 -0.04	30.28 0.30 0.00	26.93 0.34 0.00	25.19 0.25 0.00	24.79 0.20 0.00	26.09 0.39 0.00	29.02 0.51 0.00	32.20 0.38 0.00	34.37 0.21 -0.07	35.89 0.21 -0.11	36.39 0.57 0.00	37.23 0.91 0.00	37.16 0.80 0.00	38.55 0.42 0.00	38.63 0.34 0.00	40.96 0.57 0.00	42.23 0.87 0.00	46.78 0.69 0.00	45.38 0.63 0.00	38.44 0.27 0.00	38.34 0.27 0.00	35.58 0.49 0.00	31.93 0.22 0.00	30.29 0.15 0.00
GREENLWN_69_KV_BK 3 55738	38.07 2.40 -3.22	37.29 2.34 -4.97	35.81 2.02 -7.21	28.65 1.85 -1.86	29.30 1.80 -2.91	32.59 1.88 -5.02	33.03 2.11 -2.41	37.30 2.54 -2.94	37.99 2.73 -1.17	38.41 2.77 -0.07	38.43 2.61 0.00	40.09 3.34 -0.42	40.05 3.56 -0.12	41.82 3.70 0.00	42.19 4.02 0.12	49.79 4.52 -4.87	59.80 4.51 -13.93	62.96 4.84 -12.03	49.31 4.56 0.00	41.75 3.59 0.00	41.38 3.31 0.00	37.82 2.74 0.00	34.11 2.41 0.00	32.60 2.47 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.90 0.00	26.42 1.82 0.00	27.58 1.88 0.00	30.67 2.17 0.00	34.61 2.80 0.00	51.56 3.14 -14.33	38.91 3.27 -0.07	40.68 3.29 -1.57	43.63 3.89 -3.42	45.77 4.15 -5.26	71.12 4.35 -28.65	71.25 4.52 -28.44	80.54 4.93 -35.22	67.39 4.84 -21.19	126.33 5.16 -75.08	68.61 5.01 -18.84	67.51 4.16 -25.18	100.18 3.88 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
GRISSOM___SOLAR 323813	36.37 3.92 0.00	33.64 3.66 0.00	29.54 2.95 0.00	27.73 2.79 0.00	27.40 2.80 0.00	28.89 3.19 0.00	32.33 3.82 0.00	36.36 4.55 0.00	39.05 4.94 -0.02	40.24 4.66 -0.01	40.58 4.76 0.00	41.19 4.87 0.00	41.13 4.76 0.00	42.89 4.77 0.00	43.15 4.86 0.00	45.48 5.09 0.00	46.78 5.42 0.00	53.09 7.00 0.00	52.05 7.30 0.00	44.16 5.99 0.00	44.54 6.47 0.00	40.38 5.30 0.00	35.73 4.03 0.00	33.69 3.55 0.00
GROVEVILLE___HYD 323602	34.75 2.30 0.00	32.08 2.10 0.00	28.39 1.81 0.00	26.63 1.70 0.00	26.24 1.65 0.00	27.37 1.67 0.00	30.39 1.88 0.00	33.91 2.10 0.00	36.53 2.42 -0.01	38.10 2.53 -0.01	38.32 2.51 0.00	39.23 2.91 0.00	39.49 3.13 0.00	41.41 3.28 0.00	41.73 3.45 0.00	44.23 3.84 0.00	45.13 3.76 0.00	50.24 4.15 0.00	48.65 3.89 0.00	41.30 3.13 0.00	41.12 3.05 0.00	37.44 2.35 0.00	34.05 2.35 0.00	32.33 2.20 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.65 0.06 -0.14	29.98 0.00 0.00	26.59 0.00 0.00	24.91 -0.02 0.00	24.57 -0.02 0.00	25.70 0.00 0.00	28.54 0.03 0.00	31.84 0.03 0.00	34.28 -0.03 -0.22	35.94 0.00 -0.37	35.96 0.14 0.00	36.58 0.25 0.00	36.62 0.25 0.00	38.39 0.27 0.00	38.52 0.23 0.00	41.24 0.85 0.00	42.40 1.03 0.00	46.32 0.23 0.00	44.89 0.13 0.00	38.13 -0.04 0.00	38.07 0.00 0.00	34.98 -0.11 0.00	31.58 -0.13 0.00	29.95 -0.18 0.00

HAMLTNNY_34_KV_TB 80303	32.72 0.13 -0.14	30.01 0.03 0.00	26.64 0.05 0.00	24.96 0.02 0.00	24.60 0.00 0.00	25.75 0.05 0.00	28.59 0.09 0.00	31.88 0.06 0.00	34.32 0.00 -0.22	35.98 0.04 -0.38	35.99 0.18 0.00	36.65 0.33 0.00	36.69 0.33 0.00	38.43 0.31 0.00	38.55 0.27 0.00	41.65 1.25 0.00	42.81 1.45 0.00	46.27 0.18 0.00	44.84 0.09 0.00	38.09 -0.08 0.00	38.03 -0.04 0.00	34.94 -0.14 0.00	31.55 -0.16 0.00	29.92 -0.21 0.00
HAMPSHIRE___PAPER_HYD 323593	32.14 -0.36 -0.05	29.74 -0.24 0.00	26.35 -0.24 0.00	24.71 -0.22 0.00	24.40 -0.20 0.00	25.62 -0.08 0.00	28.54 0.03 0.00	31.81 0.00 0.00	34.03 -0.14 -0.08	35.52 -0.18 -0.13	35.35 -0.47 0.00	35.56 -0.76 0.00	35.38 -0.98 0.00	37.10 -1.03 0.00	37.10 -1.19 0.00	38.86 -1.53 0.00	39.92 -1.45 0.00	44.43 -1.66 0.00	43.41 -1.34 0.00	37.48 -0.69 0.00	37.46 -0.61 0.00	34.63 -0.46 0.00	31.16 -0.54 0.00	29.77 -0.36 0.00
HARDSCRABBLE_WT_PWR 323673	33.00 0.55 0.00	30.52 0.54 0.00	27.07 0.48 0.00	25.39 0.45 0.00	25.06 0.47 0.00	26.21 0.51 0.00	29.11 0.60 0.00	32.45 0.64 0.00	34.64 0.54 0.00	36.24 0.67 0.00	36.53 0.72 0.00	37.16 0.84 0.00	37.20 0.84 0.00	39.04 0.91 0.00	39.20 0.92 0.00	41.28 0.89 0.00	42.27 0.91 0.00	47.15 1.06 0.00	45.74 0.98 0.00	38.89 0.72 0.00	38.76 0.69 0.00	35.54 0.45 0.00	32.09 0.38 0.00	30.50 0.36 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.46 2.01 0.00	31.81 1.83 0.00	28.18 1.60 0.00	26.41 1.47 0.00	26.00 1.40 0.00	27.14 1.44 0.00	30.13 1.62 0.00	33.66 1.85 0.00	36.03 2.11 0.18	37.73 2.24 0.08	38.07 2.26 0.00	39.01 2.69 0.00	39.31 2.95 0.00	41.25 3.13 0.00	41.62 3.33 0.00	44.07 3.68 0.00	45.00 3.64 0.00	50.05 3.96 0.00	48.51 3.76 0.00	41.15 2.98 0.00	40.89 2.82 0.00	37.30 2.21 0.00	33.86 2.16 0.00	32.15 2.02 0.00
HARSNRAD_115KV_TB1 81005	32.12 -0.32 0.00	29.23 -0.75 0.00	26.19 -0.40 0.00	24.49 -0.45 0.00	24.03 -0.57 0.00	25.31 -0.39 0.00	27.91 -0.60 0.00	30.51 -1.30 0.00	32.39 -1.70 0.00	33.85 -1.71 0.01	34.85 -0.97 0.00	35.34 -0.98 0.00	35.60 -0.76 0.00	37.26 -0.88 -0.01	36.95 -1.34 -0.01	39.11 -1.29 -0.01	40.62 -0.74 0.00	44.85 -1.24 -0.01	43.77 -0.98 0.00	36.87 -1.30 0.00	36.85 -1.22 0.00	34.00 -1.09 0.00	30.50 -1.20 0.00	29.41 -0.72 0.00
HARZA MOOSE___RIVER 24016	33.04 0.55 -0.04	30.49 0.51 0.00	27.04 0.45 0.00	25.36 0.42 0.00	25.01 0.42 0.00	26.26 0.57 0.00	29.19 0.68 0.00	32.58 0.76 0.00	34.90 0.75 -0.06	36.41 0.75 -0.10	36.50 0.68 0.00	37.05 0.73 0.00	37.05 0.69 0.00	38.93 0.80 0.00	39.01 0.73 0.00	41.04 0.65 0.00	42.11 0.74 0.00	47.06 0.97 0.00	45.74 0.98 0.00	39.12 0.95 0.00	39.17 1.10 0.00	35.82 0.74 0.00	32.21 0.51 0.00	30.59 0.45 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	32.36 -0.16 -0.07	29.74 -0.24 0.00	26.40 -0.19 0.00	24.74 -0.20 0.00	24.40 -0.20 0.00	25.52 -0.18 0.00	28.34 -0.17 0.00	31.62 -0.19 0.00	33.94 -0.27 -0.12	35.52 -0.25 -0.20	35.71 -0.11 0.00	36.29 -0.04 0.00	36.36 0.00 0.00	38.09 -0.04 0.00	38.25 -0.04 0.00	40.51 0.12 0.00	41.61 0.25 0.00	46.23 0.14 0.00	44.80 0.04 0.00	38.05 -0.11 0.00	37.99 -0.08 0.00	34.91 -0.18 0.00	31.51 -0.19 0.00	29.92 -0.21 0.00
HELLGATE_13_KV_LD 55870	35.08 2.63 0.00	32.42 2.43 -0.01	28.58 1.99 0.00	26.73 1.80 0.00	26.32 1.72 0.00	27.50 1.80 0.00	30.59 2.08 0.00	34.45 2.64 0.00	39.22 2.97 -2.17	38.73 3.09 -0.07	40.47 3.08 -1.57	42.37 3.63 -2.41	42.28 3.89 -2.03	42.48 4.08 -0.27	43.15 4.21 -0.65	45.01 4.60 -0.02	45.87 4.51 0.00	50.88 4.79 0.00	49.36 4.61 0.00	42.06 3.89 0.00	41.69 3.62 0.00	38.25 3.16 -0.01	34.69 2.98 -0.01	32.88 2.74 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.08 2.63 0.00	32.42 2.43 -0.01	28.58 1.99 0.00	26.73 1.80 0.00	26.32 1.72 0.00	27.50 1.80 0.00	30.59 2.08 0.00	34.45 2.64 0.00	39.22 2.97 -2.17	38.73 3.09 -0.07	40.47 3.08 -1.57	42.37 3.63 -2.41	42.28 3.89 -2.03	42.48 4.08 -0.27	43.15 4.21 -0.65	45.01 4.60 -0.02	45.87 4.51 0.00	50.88 4.79 0.00	49.36 4.61 0.00	42.06 3.89 0.00	41.69 3.62 0.00	38.25 3.16 -0.01	34.69 2.98 -0.01	32.88 2.74 -0.01
HEMPSTEAD____ 23647	38.53 2.86 -3.23	37.53 2.58 -4.97	36.00 2.21 -7.21	28.82 2.02 -1.87	29.48 1.97 -2.92	32.77 2.06 -5.02	33.20 2.28 -2.41	37.52 2.77 -2.94	38.40 3.13 -1.17	38.87 3.24 -0.07	39.04 3.22 0.00	42.29 3.85 -2.11	40.93 3.96 -0.61	42.25 4.12 0.00	42.50 4.21 0.00	69.13 4.85 -23.89	73.36 4.92 -27.08	63.38 5.25 -12.04	49.67 4.92 0.00	42.10 3.93 0.00	41.84 3.77 0.00	38.31 3.23 0.00	34.50 2.79 0.00	33.00 2.86 0.00
HEWLETT_69_KV_BK3 55828	38.92 3.24 -3.22	37.89 2.94 -4.97	36.32 2.53 -7.21	29.10 2.29 -1.86	29.75 2.24 -2.91	33.05 2.34 -5.02	33.54 2.62 -2.41	37.84 3.09 -2.94	38.74 3.48 -1.17	39.26 3.63 -0.07	39.32 3.51 0.00	41.78 4.25 -1.21	41.18 4.47 -0.35	42.74 4.61 0.00	43.19 4.90 0.00	59.57 5.45 -13.72	66.82 5.42 -20.04	64.07 5.95 -12.04	50.39 5.64 0.00	42.67 4.50 0.00	42.33 4.26 0.00	38.77 3.68 0.00	34.97 3.27 0.00	33.36 3.22 0.00
HICKLING___1 23621	33.08 0.58 -0.04	30.25 0.27 0.00	26.96 0.37 0.00	25.24 0.30 0.00	24.79 0.20 0.00	26.06 0.36 0.00	28.94 0.43 0.00	32.10 0.29 0.00	34.26 0.10 -0.07	35.82 0.14 -0.11	36.50 0.68 0.00	37.30 0.98 0.00	37.53 1.16 0.00	39.27 1.14 0.00	39.28 1.00 0.00	41.60 1.21 0.00	42.89 1.53 0.00	47.61 1.52 0.00	46.23 1.48 0.00	39.08 0.92 0.00	38.95 0.88 0.00	35.79 0.70 0.00	32.18 0.48 0.00	30.53 0.39 0.00
HICKLING___2 23622	33.08 0.58 -0.04	30.25 0.27 0.00	26.96 0.37 0.00	25.24 0.30 0.00	24.79 0.20 0.00	26.06 0.36 0.00	28.94 0.43 0.00	32.10 0.29 0.00	34.26 0.10 -0.07	35.82 0.14 -0.11	36.50 0.68 0.00	37.30 0.98 0.00	37.53 1.16 0.00	39.27 1.14 0.00	39.28 1.00 0.00	41.60 1.21 0.00	42.89 1.53 0.00	47.61 1.52 0.00	46.23 1.48 0.00	39.08 0.92 0.00	38.95 0.88 0.00	35.79 0.70 0.00	32.18 0.48 0.00	30.53 0.39 0.00
HIGH FALLS___HY 23754	34.62 2.17 0.00	31.96 1.98 0.00	28.29 1.70 0.00	26.51 1.57 0.00	26.10 1.50 0.00	27.24 1.54 0.00	30.25 1.74 0.00	33.75 1.94 0.00	36.30 2.22 0.01	37.91 2.35 0.00	38.18 2.36 0.00	39.12 2.80 0.00	39.42 3.05 0.00	41.37 3.24 0.00	41.73 3.45 0.00	44.23 3.84 0.00	45.17 3.81 0.00	50.24 4.15 0.00	48.65 3.89 0.00	41.26 3.09 0.00	41.04 2.97 0.00	37.37 2.28 0.00	33.99 2.28 0.00	32.24 2.11 0.00
HIGH_RIVER___SOLAR 323847	34.07 1.62 0.00	31.48 1.50 0.00	27.81 1.22 0.00	26.11 1.17 0.00	25.78 1.18 0.00	26.96 1.26 0.00	29.88 1.37 0.00	33.40 1.59 0.00	35.75 1.64 -0.02	36.93 1.35 -0.01	37.00 1.18 0.00	37.67 1.34 0.00	37.67 1.31 0.00	39.42 1.30 0.00	39.70 1.42 0.00	42.09 1.70 0.00	43.35 1.99 0.00	48.67 2.58 0.00	47.57 2.82 0.00	40.61 2.44 0.00	40.69 2.62 0.00	37.12 2.03 0.00	33.38 1.68 0.00	31.67 1.54 0.00

HILLBURN___GT 23639	34.43 1.98 0.00	31.81 1.83 0.00	28.15 1.57 0.00	26.38 1.45 0.00	25.97 1.38 0.00	27.11 1.41 0.00	30.07 1.57 0.00	33.69 1.88 0.00	36.00 2.11 0.21	37.75 2.28 0.09	38.18 2.36 0.00	39.16 2.84 0.00	39.38 3.02 0.00	41.33 3.20 0.00	41.62 3.33 0.00	44.15 3.76 0.00	45.09 3.72 0.00	50.15 4.06 0.00	48.51 3.76 0.00	41.15 2.98 0.00	40.96 2.89 0.00	37.36 2.28 0.00	33.96 2.25 0.00	32.24 2.11 0.00
HILLSIDE_115KV_TB1 80332	32.52 0.03 -0.04	29.74 -0.24 0.00	26.53 -0.05 0.00	24.84 -0.10 0.00	24.42 -0.17 0.00	25.62 -0.08 0.00	28.42 -0.09 0.00	31.56 -0.25 0.00	33.72 -0.44 -0.07	35.26 -0.43 0.00	35.92 0.11 0.00	36.72 0.40 0.00	36.94 0.58 0.00	38.70 0.57 0.00	38.78 0.50 0.00	41.08 0.69 0.00	42.36 0.99 0.00	47.01 0.92 0.00	45.69 0.94 0.00	38.63 0.46 0.00	38.45 0.38 0.00	35.37 0.28 0.00	31.80 0.10 0.00	30.16 0.03 0.00
HISHELDN_WT_PWR 323625	32.45 0.00 0.00	29.56 -0.42 0.00	26.45 -0.13 0.00	24.74 -0.20 0.00	24.27 -0.32 0.00	25.60 -0.10 0.00	28.28 -0.23 0.00	31.08 -0.73 0.00	33.00 -1.09 0.00	34.46 -1.10 0.01	35.42 -0.39 0.00	36.36 0.04 0.00	36.33 -0.04 0.00	38.13 0.00 0.00	38.06 -0.23 0.00	40.11 -0.28 0.00	41.53 0.17 0.00	45.95 -0.14 0.00	44.75 0.00 0.00	37.82 -0.34 0.00	37.61 -0.46 0.00	34.67 -0.42 0.00	31.04 -0.67 0.00	29.74 -0.39 0.00
HOLTSVILLE_IC_1 23690	38.43 2.76 -3.22	37.47 2.52 -4.97	36.00 2.21 -7.21	28.85 2.05 -1.86	29.48 1.97 -2.91	32.77 2.06 -5.02	33.23 2.31 -2.41	37.49 2.74 -2.94	38.26 3.00 -1.17	38.66 3.02 -0.07	38.75 2.94 0.00	40.29 3.63 -0.34	40.24 3.78 -0.10	42.13 4.00 0.00	42.54 4.02 -0.23	49.01 4.80 -3.82	59.41 4.84 -13.20	63.43 5.30 -12.05	49.86 5.10 -0.01	42.15 3.97 -0.01	41.96 3.89 -0.01	38.11 3.02 0.00	34.27 2.57 0.00	33.06 2.92 0.00
HOLTSVILLE_IC_10 23699	38.66 2.98 -3.22	37.65 2.70 -4.97	36.19 2.39 -7.21	29.00 2.20 -1.86	29.63 2.12 -2.91	32.93 2.21 -5.02	33.40 2.48 -2.41	37.71 2.96 -2.94	38.47 3.20 -1.17	38.87 3.24 -0.07	39.07 3.26 0.00	40.65 3.96 -0.36	40.58 4.11 -0.11	42.55 4.42 -0.01	42.98 4.36 -0.33	49.62 5.13 -4.10	59.98 5.21 -13.40	63.85 5.71 -12.05	50.27 5.50 -0.01	42.53 4.35 -0.01	42.38 4.30 -0.01	38.43 3.33 0.00	34.50 2.79 0.00	33.27 3.13 0.00
HOLTSVILLE_IC_2 23691	38.43 2.76 -3.22	37.47 2.52 -4.97	36.00 2.21 -7.21	28.85 2.05 -1.86	29.48 1.97 -2.91	32.77 2.06 -5.02	33.23 2.31 -2.41	37.49 2.74 -2.94	38.26 3.00 -1.17	38.66 3.02 -0.07	38.75 2.94 0.00	40.29 3.63 -0.34	40.24 3.78 -0.10	42.13 4.00 0.00	42.54 4.02 -0.23	49.01 4.80 -3.82	59.41 4.84 -13.20	63.43 5.30 -12.05	49.86 5.10 -0.01	42.15 3.97 -0.01	41.96 3.89 -0.01	38.11 3.02 0.00	34.27 2.57 0.00	33.06 2.92 0.00
HOLTSVILLE_IC_3 23692	38.43 2.76 -3.22	37.47 2.52 -4.97	36.00 2.21 -7.21	28.85 2.05 -1.86	29.48 1.97 -2.91	32.77 2.06 -5.02	33.23 2.31 -2.41	37.49 2.74 -2.94	38.26 3.00 -1.17	38.66 3.02 -0.07	38.75 2.94 0.00	40.29 3.63 -0.34	40.24 3.78 -0.10	42.13 4.00 0.00	42.54 4.02 -0.23	49.01 4.80 -3.82	59.41 4.84 -13.20	63.43 5.30 -12.05	49.86 5.10 -0.01	42.15 3.97 -0.01	41.96 3.89 -0.01	38.11 3.02 0.00	34.27 2.57 0.00	33.06 2.92 0.00
HOLTSVILLE_IC_4 23693	38.43 2.76 -3.22	37.47 2.52 -4.97	36.00 2.21 -7.21	28.85 2.05 -1.86	29.48 1.97 -2.91	32.77 2.06 -5.02	33.23 2.31 -2.41	37.49 2.74 -2.94	38.26 3.00 -1.17	38.66 3.02 -0.07	38.75 2.94 0.00	40.29 3.63 -0.34	40.24 3.78 -0.10	42.13 4.00 0.00	42.54 4.02 -0.23	49.01 4.80 -3.82	59.41 4.84 -13.20	63.43 5.30 -12.05	49.86 5.10 -0.01	42.15 3.97 -0.01	41.96 3.89 -0.01	38.11 3.02 0.00	34.27 2.57 0.00	33.06 2.92 0.00
HOLTSVILLE_IC_5 23694	38.43 2.76 -3.22	37.47 2.52 -4.97	36.00 2.21 -7.21	28.85 2.05 -1.86	29.48 1.97 -2.91	32.77 2.06 -5.02	33.23 2.31 -2.41	37.49 2.74 -2.94	38.26 3.00 -1.17	38.66 3.02 -0.07	38.75 2.94 0.00	40.29 3.63 -0.34	40.24 3.78 -0.10	42.13 4.00 0.00	42.54 4.02 -0.23	49.01 4.80 -3.82	59.41 4.84 -13.20	63.43 5.30 -12.05	49.86 5.10 -0.01	42.15 3.97 -0.01	41.96 3.89 -0.01	38.11 3.02 0.00	34.27 2.57 0.00	33.06 2.92 0.00
HOLTSVILLE_IC_6 23695	38.66 2.98 -3.22	37.65 2.70 -4.97	36.19 2.39 -7.21	29.00 2.20 -1.86	29.63 2.12 -2.91	32.93 2.21 -5.02	33.40 2.48 -2.41	37.71 2.96 -2.94	38.47 3.20 -1.17	38.87 3.24 -0.07	39.07 3.26 0.00	40.65 3.96 -0.36	40.58 4.11 -0.11	42.55 4.42 -0.01	42.98 4.36 -0.33	49.62 5.13 -4.10	59.98 5.21 -13.40	63.85 5.71 -12.05	50.27 5.50 -0.01	42.53 4.35 -0.01	42.38 4.30 -0.01	38.43 3.33 0.00	34.50 2.79 0.00	33.27 3.13 0.00
HOLTSVILLE_IC_7 23696	38.66 2.98 -3.22	37.65 2.70 -4.97	36.19 2.39 -7.21	29.00 2.20 -1.86	29.63 2.12 -2.91	32.93 2.21 -5.02	33.40 2.48 -2.41	37.71 2.96 -2.94	38.47 3.20 -1.17	38.87 3.24 -0.07	39.07 3.26 0.00	40.65 3.96 -0.36	40.58 4.11 -0.11	42.55 4.42 -0.01	42.98 4.36 -0.33	49.62 5.13 -4.10	59.98 5.21 -13.40	63.85 5.71 -12.05	50.27 5.50 -0.01	42.53 4.35 -0.01	42.38 4.30 -0.01	38.43 3.33 0.00	34.50 2.79 0.00	33.27 3.13 0.00
HOLTSVILLE_IC_8 23697	38.66 2.98 -3.22	37.65 2.70 -4.97	36.19 2.39 -7.21	29.00 2.20 -1.86	29.63 2.12 -2.91	32.93 2.21 -5.02	33.40 2.48 -2.41	37.71 2.96 -2.94	38.47 3.20 -1.17	38.87 3.24 -0.07	39.07 3.26 0.00	40.65 3.96 -0.36	40.58 4.11 -0.11	42.55 4.42 -0.01	42.98 4.36 -0.33	49.62 5.13 -4.10	59.98 5.21 -13.40	63.85 5.71 -12.05	50.27 5.50 -0.01	42.53 4.35 -0.01	42.38 4.30 -0.01	38.43 3.33 0.00	34.50 2.79 0.00	33.27 3.13 0.00
HOLTSVILLE_IC_9 23698	38.66 2.98 -3.22	37.65 2.70 -4.97	36.19 2.39 -7.21	29.00 2.20 -1.86	29.63 2.12 -2.91	32.93 2.21 -5.02	33.40 2.48 -2.41	37.71 2.96 -2.94	38.47 3.20 -1.17	38.87 3.24 -0.07	39.07 3.26 0.00	40.65 3.96 -0.36	40.58 4.11 -0.11	42.55 4.42 -0.01	42.98 4.36 -0.33	49.62 5.13 -4.10	59.98 5.21 -13.40	63.85 5.71 -12.05	50.27 5.50 -0.01	42.53 4.35 -0.01	42.38 4.30 -0.01	38.43 3.33 0.00	34.50 2.79 0.00	33.27 3.13 0.00
HOMER_HL_115KV_TB2 355744	32.35 -0.10 0.00	29.41 -0.57 0.00	26.40 -0.19 0.00	24.69 -0.25 0.00	24.20 -0.39 0.00	25.47 -0.23 0.00	28.25 -0.26 0.00	31.21 -0.60 0.00	33.14 -0.95 0.00	34.64 -0.92 0.01	35.78 -0.04 0.00	36.61 0.29 0.00	36.91 0.55 0.00	38.74 0.61 0.00	38.63 0.34 0.00	40.92 0.53 0.00	42.36 0.99 0.00	46.83 0.74 0.00	45.65 0.90 0.00	38.36 0.19 0.00	38.15 0.08 0.00	35.08 0.00 0.00	31.48 -0.22 0.00	29.98 -0.15 0.00
HOWARD_WT_PWR 323690	33.13 0.65 -0.03	30.25 0.27 0.00	27.01 0.42 0.00	25.29 0.35 0.00	24.84 0.25 0.00	26.24 0.54 0.00	29.13 0.63 0.00	32.22 0.41 0.00	34.24 0.10 -0.05	35.79 0.14 -0.08	36.57 0.75 0.00	37.52 1.20 0.00	37.53 1.16 0.00	39.27 1.14 0.00	39.28 0.99 0.00	41.44 1.05 0.00	42.81 1.45 0.00	47.47 1.38 0.00	46.09 1.34 0.00	38.97 0.80 0.00	38.95 0.88 0.00	35.82 0.74 0.00	32.09 0.38 0.00	30.50 0.36 0.00

HQ_GEN_CEDARS 23644	32.03 -0.42 0.00	29.71 -0.27 0.00	26.35 -0.24 0.00	24.69 -0.25 0.00	24.37 -0.22 0.00	25.55 -0.15 0.00	28.39 -0.11 0.00	31.68 -0.13 0.00	33.89 -0.20 0.00	35.35 -0.21 0.00	35.46 -0.36 0.00	35.60 -0.73 0.00	35.38 -0.98 0.00	37.10 -1.03 0.00	37.10 -1.19 0.00	38.45 -1.94 0.00	39.34 -2.03 0.00	43.65 -2.44 0.00	42.51 -2.24 0.00	37.06 -1.11 0.00	37.23 -0.84 0.00	34.56 -0.53 0.00	31.17 -0.54 0.00	29.74 -0.39 0.00
HQ_GEN_CEDARS_PROXY 323590	32.03 -0.42 0.00	29.71 -0.27 0.00	26.35 -0.24 0.00	24.69 -0.25 0.00	24.37 -0.22 0.00	25.55 -0.15 0.00	28.37 -0.14 0.00	31.69 -0.13 0.00	33.89 -0.20 0.00	35.36 -0.21 0.00	35.42 -0.39 0.00	35.52 -0.80 0.00	35.38 -0.98 0.00	37.06 -1.07 0.00	37.06 -1.23 0.00	37.20 -1.82 1.38	40.67 -2.07 -1.38	43.51 -2.58 0.00	42.52 -2.24 0.00	37.06 -1.11 0.00	36.85 -1.22 0.00	34.56 -0.53 0.00	31.16 -0.54 0.00	29.74 -0.39 0.00
HQ_GEN_IMPORT 323601	31.96 -0.49 0.00	29.59 -0.39 0.00	26.24 -0.35 0.00	24.59 -0.35 0.00	24.27 -0.32 0.00	25.36 -0.33 0.00	28.17 -0.34 0.00	31.43 -0.38 0.00	33.68 -0.41 0.00	35.14 -0.43 0.00	35.31 -0.50 0.00	35.49 -0.83 0.00	35.49 -0.87 0.00	37.21 -0.92 0.00	37.33 -0.96 0.00	37.93 -1.09 1.38	41.54 -1.20 -1.38	44.71 -1.38 0.00	43.45 -1.30 0.00	37.22 -0.95 0.00	37.12 -0.95 0.00	34.56 -0.53 0.00	31.23 -0.47 0.00	29.68 -0.45 0.00
HQ_GEN_WHEEL 23651	31.96 -0.49 0.00	29.59 -0.39 0.00	26.24 -0.35 0.00	24.59 -0.35 0.00	24.27 -0.32 0.00	25.36 -0.33 0.00	28.17 -0.34 0.00	31.43 -0.38 0.00	33.68 -0.41 0.00	35.14 -0.43 0.00	35.31 -0.50 0.00	35.49 -0.83 0.00	35.49 -0.87 0.00	37.21 -0.92 0.00	37.33 -0.96 0.00	37.93 -1.09 1.38	41.54 -1.20 -1.38	44.71 -1.38 0.00	43.45 -1.30 0.00	37.22 -0.95 0.00	37.12 -0.95 0.00	34.56 -0.53 0.00	31.23 -0.47 0.00	29.68 -0.45 0.00
HUDSON AVE_GT_3 23810	35.01 2.56 0.00	32.32 2.34 0.00	28.55 1.97 0.00	26.71 1.77 0.00	26.32 1.72 0.00	27.52 1.82 0.00	30.59 2.08 0.00	34.42 2.61 0.00	37.20 2.97 -0.14	38.77 3.13 -0.07	40.49 3.15 -1.53	42.33 3.67 -2.34	41.83 3.89 -1.58	42.43 4.04 -0.26	43.13 4.21 -0.63	45.09 4.69 -0.02	45.96 4.59 0.00	51.07 4.98 0.00	49.50 4.74 0.00	42.06 3.89 0.00	41.69 3.62 0.00	38.17 3.09 0.00	34.65 2.95 0.00	32.79 2.65 0.00
HUDSON AVE_GT_4 23540	35.01 2.56 0.00	32.32 2.34 0.00	28.55 1.97 0.00	26.71 1.77 0.00	26.32 1.72 0.00	27.52 1.82 0.00	30.59 2.08 0.00	34.42 2.61 0.00	37.20 2.97 -0.14	38.77 3.13 -0.07	40.49 3.15 -1.53	42.33 3.67 -2.34	41.83 3.89 -1.58	42.43 4.04 -0.26	43.13 4.21 -0.63	45.09 4.69 -0.02	45.96 4.59 0.00	51.07 4.98 0.00	49.50 4.74 0.00	42.06 3.89 0.00	41.69 3.62 0.00	38.17 3.09 0.00	34.65 2.95 0.00	32.79 2.65 0.00
HUDSON AVE_GT_5 23657	35.01 2.56 0.00	32.32 2.34 0.00	28.55 1.97 0.00	26.71 1.77 0.00	26.32 1.72 0.00	27.52 1.82 0.00	30.59 2.08 0.00	34.42 2.61 0.00	37.20 2.97 -0.14	38.77 3.13 -0.07	40.49 3.15 -1.53	42.33 3.67 -2.34	41.83 3.89 -1.58	42.43 4.04 -0.26	43.13 4.21 -0.63	45.09 4.69 -0.02	45.96 4.59 0.00	51.07 4.98 0.00	49.50 4.74 0.00	42.06 3.89 0.00	41.69 3.62 0.00	38.17 3.09 0.00	34.65 2.95 0.00	32.79 2.65 0.00
HUDSON_AVE_10 24168	34.88 2.43 0.00	32.20 2.22 0.00	28.47 1.89 0.00	26.63 1.70 0.00	26.24 1.65 0.00	27.45 1.75 0.00	30.53 2.02 0.00	34.33 2.51 0.00	37.10 2.86 -0.14	38.66 3.02 -0.07	40.42 3.08 -1.53	42.26 3.60 -2.34	41.79 3.85 -1.58	42.36 3.97 -0.26	43.05 4.13 -0.63	44.97 4.56 -0.02	45.87 4.51 0.00	50.93 4.84 0.00	49.36 4.61 0.00	41.95 3.78 0.00	41.61 3.54 0.00	38.10 3.02 0.00	34.59 2.89 0.00	32.73 2.59 0.00
HUDSON___115KV_TB 4 355613	33.84 1.40 0.00	31.33 1.35 0.00	27.70 1.12 0.00	26.06 1.12 0.00	25.73 1.13 0.00	26.83 1.13 0.00	29.76 1.25 0.00	32.99 1.18 0.00	35.48 1.36 -0.02	36.79 1.21 -0.01	36.85 1.04 0.00	37.56 1.24 0.00	37.67 1.31 0.00	39.50 1.37 0.00	39.78 1.49 0.00	42.09 1.70 0.00	43.10 1.74 0.00	48.30 2.21 0.00	47.03 2.28 0.00	40.11 1.95 0.00	40.09 2.02 0.00	36.49 1.40 0.00	32.91 1.20 0.00	31.25 1.11 0.00
HUNTER MOUNT___DRP 323613	33.97 1.53 0.00	31.42 1.44 0.00	27.81 1.22 0.00	26.16 1.22 0.00	25.85 1.25 0.00	26.93 1.23 0.00	29.88 1.37 0.00	33.02 1.21 0.00	35.58 1.47 -0.02	36.79 1.21 -0.01	36.78 0.97 0.00	37.45 1.13 0.00	37.53 1.16 0.00	39.39 1.26 0.00	39.67 1.38 0.00	41.93 1.53 0.00	42.98 1.61 0.00	48.21 2.12 0.00	46.94 2.19 0.00	40.08 1.91 0.00	40.13 2.06 0.00	36.45 1.37 0.00	32.85 1.14 0.00	31.19 1.05 0.00
HUNTINGTON_RES_REC 323705	38.40 2.73 -3.22	37.50 2.55 -4.97	36.00 2.21 -7.21	28.82 2.02 -1.86	29.48 1.97 -2.91	32.77 2.06 -5.02	33.20 2.28 -2.41	37.52 2.77 -2.94	38.23 2.96 -1.17	38.59 2.95 -0.07	38.79 2.97 0.00	40.37 3.67 -0.37	40.32 3.85 -0.11	42.24 4.12 0.00	42.34 4.17 0.12	49.56 4.85 -4.32	59.88 4.96 -13.55	63.51 5.34 -12.07	49.85 5.06 -0.04	42.18 3.97 -0.04	41.95 3.84 -0.04	38.13 3.05 0.00	34.27 2.57 0.00	32.94 2.80 0.00
HUNTLEY___63 23557	32.32 -0.13 0.00	29.38 -0.60 0.00	26.32 -0.27 0.00	24.61 -0.32 0.00	24.15 -0.44 0.00	25.44 -0.26 0.00	28.05 -0.46 0.00	30.73 -1.08 0.00	32.63 -1.47 0.00	34.10 -1.46 0.01	35.13 -0.68 0.00	35.67 -0.65 0.00	35.89 -0.47 0.00	37.66 -0.50 -0.03	37.40 -0.92 -0.03	39.49 -0.93 -0.03	40.99 -0.37 0.00	45.24 -0.88 -0.03	44.08 -0.67 0.00	37.10 -1.07 0.00	37.08 -0.99 0.00	34.21 -0.88 0.00	30.66 -1.05 0.00	29.53 -0.60 0.00
HUNTLEY___64 23558	32.32 -0.13 0.00	29.38 -0.60 0.00	26.32 -0.27 0.00	24.61 -0.32 0.00	24.15 -0.44 0.00	25.44 -0.26 0.00	28.05 -0.46 0.00	30.73 -1.08 0.00	32.63 -1.47 0.00	34.10 -1.46 0.01	35.13 -0.68 0.00	35.67 -0.65 0.00	35.89 -0.47 0.00	37.66 -0.50 -0.03	37.40 -0.92 -0.03	39.49 -0.93 -0.03	40.99 -0.37 0.00	45.24 -0.88 -0.03	44.08 -0.67 0.00	37.10 -1.07 0.00	37.08 -0.99 0.00	34.21 -0.88 0.00	30.66 -1.05 0.00	29.53 -0.60 0.00
HUNTLEY___65 23559	32.32 -0.13 0.00	29.38 -0.60 0.00	26.32 -0.27 0.00	24.61 -0.32 0.00	24.15 -0.44 0.00	25.44 -0.26 0.00	28.05 -0.46 0.00	30.73 -1.08 0.00	32.63 -1.47 0.00	34.10 -1.46 0.01	35.13 -0.68 0.00	35.67 -0.65 0.00	35.89 -0.47 0.00	37.66 -0.50 -0.03	37.40 -0.92 -0.03	39.49 -0.93 -0.03	40.99 -0.37 0.00	45.24 -0.88 -0.03	44.08 -0.67 0.00	37.10 -1.07 0.00	37.08 -0.99 0.00	34.21 -0.88 0.00	30.66 -1.05 0.00	29.53 -0.60 0.00
HUNTLEY___66 23560	32.32 -0.13 0.00	29.38 -0.60 0.00	26.32 -0.27 0.00	24.61 -0.32 0.00	24.15 -0.44 0.00	25.44 -0.26 0.00	28.05 -0.46 0.00	30.73 -1.08 0.00	32.63 -1.47 0.00	34.10 -1.46 0.01	35.13 -0.68 0.00	35.67 -0.65 0.00	35.89 -0.47 0.00	37.66 -0.50 -0.03	37.40 -0.92 -0.03	39.49 -0.93 -0.03	40.99 -0.37 0.00	45.24 -0.88 -0.03	44.08 -0.67 0.00	37.10 -1.07 0.00	37.08 -0.99 0.00	34.21 -0.88 0.00	30.66 -1.05 0.00	29.53 -0.60 0.00



HUNTLEY___67 23561	32.09 -0.36 0.00	29.17 -0.81 0.00	26.16 -0.43 0.00	24.44 -0.50 0.00	23.98 -0.61 0.00	25.26 -0.44 0.00	27.88 -0.63 0.00	30.51 -1.30 0.00	32.39 -1.70 0.00	33.89 -1.67 0.01	34.88 -0.93 0.00	35.42 -0.91 0.00	35.67 -0.69 0.00	37.36 -0.76 0.00	37.10 -1.19 0.00	39.26 -1.13 0.00	40.74 -0.62 0.00	44.98 -1.11 0.00	43.90 -0.85 0.00	36.98 -1.18 0.00	36.93 -1.14 0.00	34.07 -1.02 0.00	30.56 -1.14 0.00	29.41 -0.72 0.00
HUNTLEY___68 23562	32.09 -0.36 0.00	29.17 -0.81 0.00	26.16 -0.43 0.00	24.44 -0.50 0.00	23.98 -0.61 0.00	25.26 -0.44 0.00	27.88 -0.63 0.00	30.51 -1.30 0.00	32.39 -1.70 0.00	33.89 -1.67 0.01	34.88 -0.93 0.00	35.42 -0.91 0.00	35.67 -0.69 0.00	37.36 -0.76 0.00	37.10 -1.19 0.00	39.26 -1.13 0.00	40.74 -0.62 0.00	44.98 -1.11 0.00	43.90 -0.85 0.00	36.98 -1.18 0.00	36.93 -1.14 0.00	34.07 -1.02 0.00	30.56 -1.14 0.00	29.41 -0.72 0.00
HYLAND___LFGE 323620	34.13 1.69 0.00	31.18 1.20 0.00	27.73 1.14 0.00	25.94 1.00 0.00	25.48 0.88 0.00	26.93 1.23 0.00	29.85 1.34 0.00	32.83 1.02 0.00	34.43 0.34 0.00	35.42 -0.14 0.01	35.92 0.11 0.00	36.72 0.40 0.00	36.62 0.26 0.00	38.24 0.11 0.00	38.33 0.04 0.00	40.60 0.20 0.00	42.07 0.70 0.00	47.06 0.97 0.00	46.36 1.61 0.00	39.70 1.53 0.00	39.93 1.86 0.00	36.73 1.65 0.00	32.78 1.08 0.00	31.10 0.96 0.00
INDECK___CORINTH 23802	34.23 1.78 0.00	31.81 1.83 0.00	27.99 1.41 0.00	26.28 1.35 0.00	25.97 1.38 0.00	27.19 1.49 0.00	30.33 1.83 0.00	33.59 1.78 0.00	36.16 2.05 -0.03	37.64 2.06 -0.01	37.46 1.65 0.00	38.18 1.85 0.00	38.18 1.82 0.00	39.80 1.68 0.00	40.09 1.80 0.00	42.33 1.94 0.00	43.31 1.94 0.00	48.72 2.63 0.00	47.88 3.13 0.00	40.76 2.60 0.00	41.00 2.93 0.00	37.26 2.18 0.00	33.35 1.65 0.00	31.67 1.54 0.00
INDECK___ILION 23567	32.90 0.45 0.00	30.40 0.42 0.00	26.93 0.35 0.00	25.29 0.35 0.00	24.94 0.34 0.00	26.08 0.39 0.00	28.94 0.43 0.00	32.26 0.45 0.00	34.64 0.55 0.00	36.14 0.57 0.00	36.39 0.57 0.00	37.01 0.69 0.00	37.13 0.76 0.00	38.89 0.76 0.00	39.05 0.77 0.00	41.24 0.85 0.00	42.15 0.79 0.00	47.06 0.97 0.00	45.69 0.94 0.00	38.97 0.80 0.00	38.87 0.80 0.00	35.75 0.67 0.00	32.27 0.57 0.00	30.68 0.54 0.00
INDECK___OLEAN 23982	32.35 -0.10 0.00	29.41 -0.57 0.00	26.37 -0.21 0.00	24.69 -0.25 0.00	24.20 -0.39 0.00	25.49 -0.21 0.00	28.22 -0.29 0.00	31.21 -0.61 0.00	33.14 -0.95 0.00	34.60 -0.96 0.01	35.74 -0.07 0.00	36.90 0.58 0.00	36.91 0.55 0.00	38.78 0.65 0.00	38.79 0.50 0.00	40.92 0.52 0.00	42.36 0.99 0.00	46.97 0.87 0.00	45.74 0.98 0.00	38.47 0.30 0.00	38.22 0.15 0.00	35.12 0.04 0.00	31.48 -0.22 0.00	29.98 -0.15 0.00
INDECK___OSWEGO 23783	32.16 -0.62 -0.33	29.38 -0.60 0.00	26.08 -0.51 0.00	24.44 -0.50 0.00	24.10 -0.49 0.00	25.21 -0.49 0.00	28.00 -0.51 0.00	31.21 -0.61 0.00	33.89 -0.72 -0.52	35.71 -0.75 -0.89	35.17 -0.64 0.00	35.82 -0.51 0.00	35.82 -0.54 0.00	37.56 -0.57 0.00	37.71 -0.57 0.00	39.59 -0.81 0.00	40.62 -0.74 0.00	45.40 -0.69 0.00	44.03 -0.72 0.00	37.48 -0.69 0.00	37.39 -0.68 0.00	34.35 -0.74 0.00	31.04 -0.67 0.00	29.44 -0.69 0.00
INDECK___YERKES 23781	32.35 -0.10 0.00	29.41 -0.57 0.00	26.35 -0.24 0.00	24.64 -0.30 0.00	24.18 -0.42 0.00	25.49 -0.21 0.00	28.11 -0.40 0.00	30.76 -1.05 0.00	32.66 -1.43 0.00	34.10 -1.46 0.01	35.10 -0.72 0.00	36.03 -0.29 0.00	35.96 -0.40 0.00	37.77 -0.38 -0.03	37.63 -0.69 -0.03	39.61 -0.81 -0.03	41.08 -0.29 0.00	45.38 -0.74 -0.03	44.22 -0.54 0.00	37.29 -0.88 0.00	37.16 -0.91 0.00	34.28 -0.81 0.00	30.72 -0.98 0.00	29.56 -0.57 0.00
INDIAN POINT_GT_1 24139	34.52 2.08 0.00	31.90 1.92 0.00	28.21 1.62 0.00	26.43 1.50 0.00	26.02 1.43 0.00	27.19 1.49 0.00	30.19 1.68 0.00	33.85 2.04 0.00	36.54 2.28 -0.16	38.06 2.42 -0.08	38.21 2.40 0.00	39.23 2.91 0.00	39.49 3.13 0.00	41.41 3.28 0.00	41.73 3.45 0.00	44.27 3.88 0.00	45.13 3.76 0.00	50.24 4.15 0.00	48.69 3.94 0.00	41.34 3.17 0.00	41.00 2.93 0.00	37.51 2.42 0.00	34.05 2.35 0.00	32.30 2.17 0.00
INDIAN POINT_GT_2 23659	34.52 2.08 0.00	31.90 1.92 0.00	28.21 1.62 0.00	26.43 1.50 0.00	26.02 1.43 0.00	27.19 1.49 0.00	30.19 1.68 0.00	33.85 2.04 0.00	36.54 2.28 -0.16	38.06 2.42 -0.08	38.21 2.40 0.00	39.23 2.91 0.00	39.49 3.13 0.00	41.41 3.28 0.00	41.73 3.45 0.00	44.27 3.88 0.00	45.13 3.76 0.00	50.24 4.15 0.00	48.69 3.94 0.00	41.34 3.17 0.00	41.00 2.93 0.00	37.51 2.42 0.00	34.05 2.35 0.00	32.30 2.17 0.00
INDIAN POINT_GT_3 24019	34.52 2.08 0.00	31.90 1.92 0.00	28.21 1.62 0.00	26.43 1.50 0.00	26.02 1.43 0.00	27.19 1.49 0.00	30.19 1.68 0.00	33.85 2.04 0.00	36.54 2.28 -0.16	38.06 2.42 -0.08	38.21 2.40 0.00	39.23 2.91 0.00	39.49 3.13 0.00	41.41 3.28 0.00	41.73 3.45 0.00	44.27 3.88 0.00	45.13 3.76 0.00	50.24 4.15 0.00	48.69 3.94 0.00	41.34 3.17 0.00	41.00 2.93 0.00	37.51 2.42 0.00	34.05 2.35 0.00	32.30 2.17 0.00
INDIAN POINT___2 23530	34.46 2.01 0.00	31.84 1.86 0.00	28.18 1.60 0.00	26.38 1.45 0.00	26.00 1.40 0.00	27.14 1.44 0.00	30.10 1.60 0.00	33.75 1.94 0.00	36.40 2.18 -0.12	37.94 2.31 -0.06	38.18 2.36 0.00	39.16 2.84 0.00	39.38 3.02 0.00	41.33 3.20 0.00	41.62 3.33 0.00	44.11 3.71 0.00	45.09 3.72 0.00	50.15 4.06 0.00	48.55 3.80 0.00	41.18 3.01 0.00	41.00 2.93 0.00	37.44 2.35 0.00	33.99 2.28 0.00	32.27 2.14 0.00
INDIAN POINT___3 23531	34.46 2.01 0.00	31.84 1.86 0.00	28.18 1.60 0.00	26.38 1.45 0.00	26.00 1.40 0.00	27.16 1.46 0.00	30.13 1.62 0.00	33.75 1.94 0.00	36.49 2.18 -0.22	37.98 2.31 -0.10	38.11 2.29 0.00	39.12 2.80 0.00	39.38 3.02 0.00	41.29 3.16 0.00	41.62 3.33 0.00	44.11 3.72 0.00	45.00 3.64 0.00	50.10 4.01 0.00	48.51 3.76 0.00	41.22 3.05 0.00	40.89 2.82 0.00	37.40 2.32 0.00	33.95 2.25 0.00	32.24 2.11 0.00
INGHAM_C_115KV_TB7 356103	33.06 0.62 0.00	30.58 0.60 0.00	27.12 0.53 0.00	25.44 0.50 0.00	25.11 0.52 0.00	26.26 0.57 0.00	29.14 0.63 0.00	32.51 0.70 0.00	34.98 0.89 0.00	36.49 0.92 0.00	36.75 0.93 0.00	37.34 1.02 0.00	37.49 1.13 0.00	39.27 1.14 0.00	39.40 1.11 0.00	41.60 1.21 0.00	42.40 1.03 0.00	47.33 1.24 0.00	46.00 1.25 0.00	39.24 1.07 0.00	39.17 1.10 0.00	36.17 1.09 0.00	32.62 0.92 0.00	31.01 0.87 0.00
IP CORINTH___1 23988	34.40 1.95 0.00	31.96 1.98 0.00	28.13 1.54 0.00	26.41 1.47 0.00	26.10 1.50 0.00	27.34 1.64 0.00	30.50 2.00 0.00	33.78 1.97 0.00	36.37 2.25 -0.03	37.86 2.28 -0.01	37.64 1.83 0.00	38.36 2.03 0.00	38.40 2.04 0.00	40.03 1.91 0.00	40.32 2.03 0.00	42.57 2.18 0.00	43.51 2.15 0.00	48.99 2.90 0.00	48.15 3.40 0.00	40.99 2.82 0.00	41.15 3.08 0.00	37.47 2.39 0.00	33.54 1.84 0.00	31.82 1.69 0.00

IP__TICONDEROGA 23804	36.18 3.73 0.00	33.70 3.72 0.00	29.54 2.95 0.00	27.73 2.79 0.00	27.40 2.80 0.00	28.81 3.11 0.00	32.19 3.68 0.00	35.50 3.69 0.00	38.28 4.16 -0.03	39.78 4.20 -0.01	39.65 3.83 0.00	40.43 4.10 0.00	40.40 4.04 0.00	42.05 3.93 0.00	42.38 4.10 0.00	44.67 4.28 0.00	45.62 4.26 0.00	51.67 5.58 0.00	50.84 6.09 0.00	43.24 5.08 0.00	43.55 5.48 0.00	39.58 4.49 0.00	35.19 3.49 0.00	33.30 3.16 0.00
ISLIP_RES_REC 323679	38.92 3.24 -3.22	37.86 2.91 -4.97	36.35 2.55 -7.21	29.15 2.34 -1.86	29.80 2.29 -2.91	33.11 2.39 -5.02	33.60 2.68 -2.41	37.93 3.18 -2.94	38.74 3.48 -1.17	39.16 3.52 -0.07	39.43 3.62 0.00	41.03 4.32 -0.38	40.99 4.51 -0.11	42.94 4.80 -0.01	43.52 4.79 -0.45	50.25 5.58 -4.28	60.55 5.67 -13.52	64.36 6.22 -12.05	50.72 5.95 -0.01	42.91 4.73 -0.01	42.72 4.64 -0.01	38.74 3.65 -0.01	34.72 3.01 0.00	33.48 3.34 0.00
JAMAICA__27_KV_LOAD 355505	35.08 2.63 0.00	32.38 2.40 0.00	28.66 2.07 0.00	26.81 1.87 0.00	26.39 1.80 0.00	27.63 1.93 0.00	30.76 2.25 0.00	34.58 2.77 0.00	37.40 3.17 -0.14	38.94 3.31 -0.07	40.96 3.58 -1.56	42.82 4.10 -2.39	42.34 4.36 -1.61	42.70 4.31 -0.26	43.44 4.52 -0.63	45.42 5.01 -0.02	46.33 4.96 0.00	51.48 5.39 0.00	49.90 5.15 0.00	42.40 4.24 0.00	42.07 4.00 0.00	38.49 3.40 0.00	34.94 3.23 0.00	33.00 2.86 0.00
JANIS__SOLAR 323808	34.17 1.65 -0.06	31.42 1.44 0.00	27.89 1.30 0.00	26.14 1.20 0.00	25.75 1.16 0.00	27.06 1.36 0.00	30.13 1.62 0.00	33.82 2.01 0.00	36.04 1.84 -0.11	37.56 1.81 -0.18	37.75 1.93 0.00	38.54 2.22 0.00	38.43 2.07 0.00	40.38 2.25 0.00	40.47 2.18 0.00	42.86 2.46 0.00	44.30 2.94 0.00	49.41 3.32 0.00	48.06 3.31 0.00	40.88 2.71 0.00	40.96 2.89 0.00	37.33 2.25 0.00	33.45 1.74 0.00	31.67 1.54 0.00
JARVIS____ 23743	32.68 0.23 0.00	30.19 0.21 0.00	26.77 0.19 0.00	25.11 0.18 0.00	24.77 0.17 0.00	25.88 0.18 0.00	28.68 0.17 0.00	32.00 0.19 0.00	34.30 0.21 0.00	35.78 0.21 0.00	36.03 0.22 0.00	36.65 0.33 0.00	36.73 0.36 0.00	38.51 0.38 0.00	38.71 0.42 0.00	40.84 0.45 0.00	41.82 0.46 0.00	46.69 0.60 0.00	45.29 0.54 0.00	38.59 0.42 0.00	38.49 0.42 0.00	35.33 0.25 0.00	31.96 0.25 0.00	30.35 0.21 0.00
JENNISON__1 23625	34.31 1.82 -0.05	31.57 1.59 0.00	28.02 1.44 0.00	26.28 1.35 0.00	25.90 1.30 0.00	27.19 1.49 0.00	30.28 1.77 0.00	34.61 2.80 0.00	36.94 2.76 -0.09	38.56 2.85 -0.15	38.86 3.04 0.00	39.63 3.31 0.00	39.60 3.24 0.00	41.60 3.47 0.00	41.69 3.41 0.00	44.03 3.64 0.00	45.46 4.10 0.00	50.79 4.70 0.00	49.41 4.65 0.00	41.91 3.74 0.00	42.03 3.96 0.00	38.17 3.09 0.00	34.11 2.41 0.00	32.30 2.17 0.00
JENNISON__2 23626	34.31 1.82 -0.05	31.57 1.59 0.00	28.02 1.44 0.00	26.28 1.35 0.00	25.90 1.30 0.00	27.19 1.49 0.00	30.28 1.77 0.00	34.61 2.80 0.00	36.94 2.76 -0.09	38.56 2.85 -0.15	38.86 3.04 0.00	39.63 3.31 0.00	39.60 3.24 0.00	41.60 3.47 0.00	41.69 3.41 0.00	44.03 3.64 0.00	45.46 4.10 0.00	50.79 4.70 0.00	49.41 4.65 0.00	41.91 3.74 0.00	42.03 3.96 0.00	38.17 3.09 0.00	34.11 2.41 0.00	32.30 2.17 0.00
JERICHO_RISE_WT_PWR 323719	32.48 0.03 0.00	30.16 0.18 0.00	26.75 0.16 0.00	25.06 0.13 0.00	24.72 0.12 0.00	25.93 0.23 0.00	28.85 0.34 0.00	32.22 0.41 0.00	34.47 0.38 0.00	35.96 0.39 0.00	36.10 0.29 0.00	36.22 -0.11 0.00	36.07 -0.29 0.00	37.75 -0.38 0.00	37.67 -0.61 0.00	39.71 -0.69 0.00	40.66 -0.70 0.00	44.89 -1.20 0.00	43.99 -0.76 0.00	37.79 -0.38 0.00	37.76 -0.31 0.00	35.23 0.14 0.00	31.70 0.00 0.00	30.13 0.00 0.00
KATONAH__115KV_46KV_TB4 355592	34.82 2.37 0.00	32.17 2.19 0.00	28.42 1.83 0.00	26.61 1.67 0.00	26.22 1.62 0.00	27.40 1.70 0.00	30.42 1.91 0.00	34.17 2.35 0.00	36.85 2.66 -0.10	38.46 2.85 -0.05	38.64 2.83 0.00	39.63 3.31 0.00	39.93 3.56 0.00	41.86 3.74 0.00	42.27 3.98 0.00	44.80 4.40 0.00	45.58 4.22 0.00	50.79 4.70 0.00	49.18 4.43 0.00	41.68 3.51 0.00	41.42 3.35 0.00	37.79 2.70 0.00	34.27 2.57 0.00	32.51 2.38 0.00
KCE_NY_1 323755	34.62 2.17 0.00	32.08 2.10 0.00	28.29 1.70 0.00	26.56 1.62 0.00	26.22 1.62 0.00	27.42 1.72 0.00	30.50 1.99 0.00	33.88 2.07 0.00	36.44 2.32 -0.03	37.93 2.35 -0.01	37.93 2.11 0.00	38.72 2.40 0.00	38.73 2.36 0.00	40.49 2.36 0.00	40.77 2.49 0.00	43.06 2.67 0.00	44.09 2.73 0.00	49.50 3.41 0.00	48.33 3.58 0.00	41.15 2.98 0.00	41.23 3.16 0.00	37.54 2.46 0.00	33.73 2.03 0.00	32.03 1.90 0.00
KCE_NY_6_ESR 323823	32.55 0.10 0.00	29.59 -0.39 0.00	26.51 -0.08 0.00	24.79 -0.15 0.00	24.33 -0.27 0.00	25.65 -0.05 0.00	28.31 -0.20 0.00	31.08 -0.73 0.00	33.00 -1.09 0.00	34.46 -1.10 0.01	35.49 -0.32 0.00	36.47 0.15 0.00	36.40 0.04 0.00	38.25 0.11 -0.01	38.14 -0.15 -0.01	40.16 -0.24 -0.01	41.66 0.29 0.00	46.05 -0.05 -0.01	44.84 0.09 0.00	37.82 -0.34 0.00	37.65 -0.42 0.00	34.70 -0.39 0.00	31.10 -0.60 0.00	29.86 -0.27 0.00
KEDC_PORT_JEFF_GT2 24210	38.63 2.95 -3.22	37.62 2.67 -4.97	36.13 2.34 -7.21	28.95 2.14 -1.86	29.58 2.07 -2.91	32.90 2.18 -5.02	33.34 2.42 -2.41	37.65 2.89 -2.94	38.26 3.00 -1.17	38.66 3.02 -0.07	38.86 3.04 0.00	40.46 3.78 -0.35	40.40 3.93 -0.10	42.33 4.19 0.00	42.75 4.21 -0.25	49.14 4.72 -4.02	59.47 4.75 -13.35	63.35 5.21 -12.05	49.73 4.97 -0.01	42.31 4.12 -0.01	42.12 4.03 -0.01	38.21 3.12 0.00	34.43 2.73 0.00	33.21 3.08 0.00
KEDC_PORT_JEFF_GT3 24211	38.63 2.95 -3.22	37.62 2.67 -4.97	36.13 2.34 -7.21	28.95 2.14 -1.86	29.58 2.07 -2.91	32.90 2.18 -5.02	33.34 2.42 -2.41	37.65 2.89 -2.94	38.26 3.00 -1.17	38.66 3.02 -0.07	38.86 3.04 0.00	40.46 3.78 -0.35	40.40 3.93 -0.10	42.33 4.19 0.00	42.75 4.21 -0.25	49.14 4.72 -4.02	59.47 4.75 -13.35	63.35 5.21 -12.05	49.73 4.97 -0.01	42.31 4.12 -0.01	42.12 4.03 -0.01	38.21 3.12 0.00	34.43 2.73 0.00	33.21 3.08 0.00
KEDC_GLWD_GT4 24219	38.72 3.05 -3.23	37.74 2.79 -4.97	36.19 2.39 -7.21	28.97 2.17 -1.87	29.63 2.12 -2.92	32.93 2.21 -5.02	33.37 2.45 -2.41	37.74 2.99 -2.94	38.64 3.38 -1.17	39.13 3.49 -0.07	39.33 3.51 0.00	44.01 4.18 -3.51	41.66 4.29 -1.01	42.36 4.23 0.00	42.65 4.36 0.00	85.10 4.97 -39.74	84.45 5.04 -38.04	63.56 5.44 -12.04	49.85 5.10 0.00	42.14 3.97 0.00	41.91 3.84 0.00	38.59 3.51 0.00	34.75 3.04 0.00	33.21 3.08 0.00
KEDC_GLWD_GT5 24220	38.72 3.05 -3.23	37.74 2.79 -4.97	36.19 2.39 -7.21	28.97 2.17 -1.87	29.63 2.12 -2.92	32.93 2.21 -5.02	33.37 2.45 -2.41	37.74 2.99 -2.94	38.64 3.38 -1.17	39.13 3.49 -0.07	39.33 3.51 0.00	44.01 4.18 -3.51	41.66 4.29 -1.01	42.36 4.23 0.00	42.65 4.36 0.00	85.10 4.97 -39.74	84.45 5.04 -38.04	63.56 5.44 -12.04	49.85 5.10 0.00	42.14 3.97 0.00	41.91 3.84 0.00	38.59 3.51 0.00	34.75 3.04 0.00	33.21 3.08 0.00

KENSICO____ 23655	34.65 2.21 0.00	32.02 2.04 0.00	28.31 1.73 0.00	26.51 1.57 0.00	26.12 1.52 0.00	27.29 1.59 0.00	30.30 1.80 0.00	34.01 2.20 0.00	36.70 2.45 -0.15	38.24 2.60 -0.07	38.39 2.58 0.00	39.41 3.09 0.00	39.71 3.35 0.00	41.60 3.47 0.00	41.96 3.68 0.00	44.47 4.08 0.00	45.38 4.01 0.00	50.47 4.38 0.00	48.91 4.16 0.00	41.53 3.36 0.00	41.19 3.12 0.00	37.68 2.60 0.00	34.18 2.47 0.00	32.42 2.29 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.59 2.14 0.00	31.93 1.95 0.00	28.29 1.70 0.00	26.51 1.57 0.00	26.10 1.50 0.00	27.24 1.54 0.00	30.25 1.74 0.00	33.72 1.91 0.00	36.24 2.18 0.03	37.83 2.28 0.01	38.11 2.29 0.00	39.01 2.69 0.00	39.27 2.91 0.00	41.25 3.13 0.00	41.58 3.29 0.00	44.07 3.68 0.00	45.00 3.64 0.00	50.10 4.01 0.00	48.56 3.80 0.00	41.22 3.05 0.00	41.00 2.93 0.00	37.33 2.25 0.00	33.89 2.19 0.00	32.18 2.05 0.00
KIAC_JFK_GT1 23816	34.75 2.30 0.00	32.08 2.10 0.00	28.47 1.89 0.00	26.63 1.70 0.00	26.24 1.65 0.00	27.47 1.77 0.00	30.56 2.05 0.00	34.26 2.45 0.00	37.06 2.83 -0.14	38.59 2.95 -0.07	40.56 3.19 -1.56	42.42 3.71 -2.39	41.94 3.96 -1.61	42.32 3.93 -0.26	43.01 4.10 -0.63	44.97 4.56 -0.02	45.87 4.51 0.00	50.98 4.89 0.00	49.41 4.65 0.00	41.98 3.82 0.00	41.61 3.54 0.00	38.10 3.02 0.00	34.72 3.01 0.00	32.79 2.65 0.00
KIAC_JFK_GT2 23817	34.75 2.30 0.00	32.08 2.10 0.00	28.47 1.89 0.00	26.63 1.70 0.00	26.24 1.65 0.00	27.47 1.77 0.00	30.56 2.05 0.00	34.26 2.45 0.00	37.06 2.83 -0.14	38.59 2.95 -0.07	40.56 3.19 -1.56	42.42 3.71 -2.39	41.94 3.96 -1.61	42.32 3.93 -0.26	43.01 4.10 -0.63	44.97 4.56 -0.02	45.87 4.51 0.00	50.98 4.89 0.00	49.41 4.65 0.00	41.98 3.82 0.00	41.61 3.54 0.00	38.10 3.02 0.00	34.72 3.01 0.00	32.79 2.65 0.00
KIAC_JFK____ 323774	34.75 2.30 0.00	32.08 2.10 0.00	28.47 1.89 0.00	26.63 1.70 0.00	26.24 1.65 0.00	27.45 1.75 0.00	30.36 1.85 0.00	34.26 2.45 0.00	37.06 2.83 -0.14	38.62 2.99 -0.07	40.89 3.51 -1.56	42.50 3.78 -2.39	41.90 3.93 -1.61	42.32 3.93 -0.26	42.94 4.02 -0.63	44.93 4.52 -0.02	45.87 4.51 0.00	51.02 4.93 0.00	49.36 4.61 0.00	41.91 3.74 0.00	41.72 3.66 0.00	38.10 3.02 0.00	34.72 3.01 0.00	32.79 2.65 0.00
KINTIGH____ 23543	31.90 -0.55 0.00	29.11 -0.87 0.00	26.05 -0.53 0.00	24.34 -0.60 0.00	23.91 -0.69 0.00	25.13 -0.57 0.00	27.77 -0.74 0.00	30.48 -1.34 0.00	32.42 -1.67 0.00	33.89 -1.67 0.01	34.70 -1.11 0.00	35.23 -1.09 0.00	35.42 -0.95 0.00	37.06 -1.07 0.00	36.87 -1.42 0.00	39.02 -1.37 0.00	40.50 -0.87 0.00	44.75 -1.34 0.00	43.63 -1.12 0.00	36.87 -1.30 0.00	36.85 -1.22 0.00	33.96 -1.12 0.00	30.47 -1.24 0.00	29.29 -0.84 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.32 0.88 0.00	31.00 1.02 0.00	27.49 0.90 0.00	25.74 0.80 0.00	25.38 0.79 0.00	26.70 1.00 0.00	29.76 1.25 0.00	33.21 1.40 0.00	35.52 1.43 0.00	37.03 1.46 0.00	37.21 1.40 0.00	37.41 1.09 0.00	37.09 0.73 0.00	38.89 0.76 0.00	38.63 0.34 0.00	40.84 0.44 0.00	42.03 0.66 0.00	46.37 0.28 0.00	45.33 0.58 0.00	38.89 0.73 0.00	39.29 1.22 0.00	36.28 1.19 0.00	32.56 0.86 0.00	30.95 0.81 0.00
LACHUTE__HYDRO 323717	36.18 3.73 0.00	33.70 3.72 0.00	29.54 2.95 0.00	27.73 2.79 0.00	27.40 2.80 0.00	28.81 3.11 0.00	32.19 3.68 0.00	35.50 3.69 0.00	38.27 4.16 -0.03	39.77 4.20 -0.01	39.65 3.83 0.00	40.46 4.14 0.00	40.36 4.00 0.00	42.02 3.89 0.00	42.39 4.10 0.00	44.63 4.24 0.00	45.63 4.26 0.00	51.66 5.57 0.00	50.84 6.09 0.00	43.25 5.08 0.00	43.63 5.56 0.00	39.58 4.49 0.00	35.19 3.49 0.00	33.30 3.16 0.00
LAWRNCV_115KV_TB1 80681	31.85 -0.62 -0.02	29.56 -0.42 0.00	26.21 -0.37 0.00	24.56 -0.37 0.00	24.25 -0.34 0.00	25.44 -0.26 0.00	28.31 -0.20 0.00	31.59 -0.22 0.00	33.79 -0.34 -0.04	35.24 -0.39 -0.06	35.06 -0.75 0.00	35.09 -1.24 0.00	34.73 -1.64 0.00	36.45 -1.68 0.00	36.37 -1.91 0.00	37.81 -2.59 0.00	38.88 -2.48 0.00	43.19 -2.90 0.00	42.07 -2.69 0.00	36.64 -1.53 0.00	36.85 -1.22 0.00	34.14 -0.95 0.00	30.82 -0.89 0.00	29.56 -0.57 0.00
LEDERLE____ 23769	34.52 2.08 0.00	31.90 1.92 0.00	28.23 1.65 0.00	26.46 1.52 0.00	26.07 1.48 0.00	27.22 1.52 0.00	30.19 1.68 0.00	33.75 1.94 0.00	36.07 2.22 0.24	37.80 2.35 0.11	38.18 2.36 0.00	39.19 2.87 0.00	39.49 3.13 0.00	41.41 3.28 0.00	41.77 3.48 0.00	44.27 3.88 0.00	45.17 3.81 0.00	50.24 4.15 0.00	48.65 3.89 0.00	41.30 3.13 0.00	41.00 2.93 0.00	37.47 2.39 0.00	34.02 2.31 0.00	32.33 2.20 0.00
LIGHTHSE_115KV_TB6 355974	32.43 -0.19 -0.18	29.77 -0.21 0.00	26.40 -0.19 0.00	24.76 -0.17 0.00	24.42 -0.17 0.00	25.60 -0.10 0.00	28.42 -0.09 0.00	31.68 -0.13 0.00	34.13 -0.24 -0.28	35.76 -0.28 0.00	35.60 -0.21 0.00	36.18 -0.15 0.00	36.18 -0.18 0.00	37.97 -0.15 0.00	38.02 -0.27 0.00	39.99 -0.40 0.00	41.03 -0.33 0.00	45.81 -0.28 0.00	44.53 -0.22 0.00	37.98 -0.19 0.00	37.96 -0.11 0.00	34.91 -0.18 0.00	31.45 -0.25 0.00	29.83 -0.30 0.00
LINDEN COGEN____ 23786	34.79 2.34 0.00	32.11 2.13 0.00	28.37 1.78 0.00	26.54 1.60 0.00	26.15 1.55 0.00	27.32 1.62 0.00	30.36 1.85 0.00	34.20 2.39 0.00	36.96 2.73 -0.14	38.51 2.88 -0.07	40.28 2.94 -1.53	42.07 3.41 -2.34	41.50 3.57 -1.58	42.17 3.78 -0.26	42.78 3.87 -0.63	44.69 4.28 -0.02	45.59 4.22 0.00	50.70 4.61 0.00	49.05 4.30 0.00	41.68 3.51 0.00	41.46 3.39 0.00	37.89 2.81 0.00	34.43 2.73 0.00	32.61 2.47 0.00
LINDHRST_69_KV_BK1 356055	38.98 3.31 -3.22	37.95 3.00 -4.97	36.37 2.58 -7.21	29.17 2.37 -1.86	29.82 2.31 -2.91	33.13 2.42 -5.02	33.63 2.71 -2.41	37.97 3.21 -2.94	38.84 3.58 -1.17	39.30 3.66 -0.07	39.29 3.47 0.00	41.31 4.25 -0.74	41.05 4.47 -0.22	42.78 4.65 -0.01	43.57 4.94 -0.34	54.22 5.49 -8.34	63.19 5.50 -16.32	64.16 6.04 -12.04	50.48 5.73 0.00	42.79 4.62 0.00	42.45 4.38 0.00	38.77 3.68 -0.01	34.94 3.23 0.00	33.48 3.34 0.00
LIPA_MISC_IPP 23656	38.40 2.73 -3.22	37.38 2.43 -4.97	35.97 2.18 -7.21	28.80 2.00 -1.86	29.40 1.89 -2.91	32.72 2.00 -5.02	33.20 2.28 -2.41	37.46 2.70 -2.94	38.26 3.00 -1.17	38.69 3.06 -0.07	38.75 2.94 0.00	40.33 3.67 -0.34	40.35 3.89 -0.10	42.21 4.08 0.00	42.90 4.36 -0.25	49.50 5.25 -3.86	59.55 4.96 -13.23	63.90 5.76 -12.05	50.27 5.50 -0.01	42.45 4.27 -0.01	42.15 4.07 -0.01	38.21 3.12 0.00	34.34 2.63 0.00	33.00 2.86 0.00
LISF__SOLAR 323691	38.46 2.79 -3.22	37.44 2.49 -4.97	36.03 2.23 -7.21	28.85 2.05 -1.86	29.48 1.97 -2.91	32.77 2.06 -5.02	33.23 2.31 -2.41	37.52 2.77 -2.94	38.30 3.03 -1.17	38.70 3.06 -0.07	38.90 3.08 0.00	40.45 3.78 -0.35	40.39 3.93 -0.10	42.33 4.19 0.00	42.76 4.21 -0.27	49.44 5.13 -3.91	59.76 5.13 -13.27	63.99 5.85 -12.05	50.40 5.64 -0.01	42.45 4.27 -0.01	42.38 4.30 -0.01	38.28 3.19 0.00	34.33 2.63 0.00	33.09 2.95 0.00

LITTLE FALLS___HYD 24013	33.06 0.62 0.00	30.58 0.60 0.00	27.12 0.53 0.00	25.44 0.50 0.00	25.11 0.52 0.00	26.26 0.57 0.00	29.14 0.63 0.00	32.51 0.70 0.00	34.98 0.89 0.00	36.49 0.92 0.00	36.75 0.93 0.00	37.34 1.02 0.00	37.49 1.13 0.00	39.27 1.14 0.00	39.40 1.11 0.00	41.60 1.21 0.00	42.40 1.03 0.00	47.33 1.24 0.00	46.00 1.25 0.00	39.24 1.07 0.00	39.17 1.10 0.00	36.17 1.09 0.00	32.62 0.92 0.00	31.01 0.87 0.00
LITTLRIV_115KV_TB1 356100	32.15 -0.32 -0.02	29.83 -0.15 0.00	26.45 -0.13 0.00	24.81 -0.12 0.00	24.50 -0.10 0.00	25.75 0.05 0.00	28.65 0.14 0.00	31.94 0.13 0.00	34.10 -0.03 -0.04	35.56 -0.07 0.00	35.35 -0.47 0.00	35.31 -1.02 0.00	34.91 -1.45 0.00	36.68 -1.45 0.00	36.60 -1.68 0.00	38.01 -2.38 0.00	39.21 -2.15 0.00	43.55 -2.53 0.00	42.47 -2.28 0.00	37.06 -1.11 0.00	37.31 -0.76 0.00	34.52 -0.56 0.00	31.10 -0.60 0.00	29.80 -0.33 0.00
LI_NEWBRDGE___DRP 323616	38.27 2.60 -3.22	37.32 2.37 -4.97	35.81 2.02 -7.21	28.67 1.87 -1.86	29.30 1.80 -2.91	32.59 1.88 -5.02	33.06 2.14 -2.41	37.33 2.58 -2.94	38.13 2.86 -1.17	38.59 2.95 -0.07	38.57 2.76 0.00	39.77 3.45 0.00	40.04 3.67 0.00	41.90 3.77 0.00	42.35 4.06 0.00	45.00 4.52 -0.08	56.53 4.55 -10.61	63.01 4.89 -12.04	49.36 4.61 0.00	41.87 3.70 0.00	41.50 3.43 0.00	37.96 2.88 0.00	34.30 2.60 0.00	32.79 2.65 0.00
LOCKPORT_115KV_TB60_63_64 80432	32.16 -0.29 0.00	29.26 -0.72 0.00	26.21 -0.37 0.00	24.51 -0.42 0.00	24.05 -0.54 0.00	25.34 -0.36 0.00	27.94 -0.57 0.00	30.57 -1.24 0.00	32.42 -1.67 0.00	33.89 -1.67 0.01	34.88 -0.93 0.00	35.38 -0.94 0.00	35.64 -0.73 0.00	37.30 -0.84 -0.01	36.99 -1.30 -0.01	39.15 -1.25 -0.01	40.66 -0.70 0.00	44.90 -1.20 -0.01	43.81 -0.94 0.00	36.91 -1.26 0.00	36.89 -1.18 0.00	34.03 -1.05 0.00	30.53 -1.17 0.00	29.41 -0.72 0.00
LOCKPORT___CC1 323769	32.12 -0.32 0.00	29.23 -0.75 0.00	26.19 -0.40 0.00	24.49 -0.45 0.00	24.03 -0.56 0.00	25.34 -0.36 0.00	27.91 -0.60 0.00	30.51 -1.31 0.00	32.39 -1.70 0.00	33.82 -1.74 0.01	34.78 -1.04 0.00	35.67 -0.65 0.00	35.60 -0.77 0.00	37.33 -0.80 -0.01	37.18 -1.11 -0.01	39.19 -1.21 -0.01	40.66 -0.70 0.00	44.95 -1.15 -0.01	43.86 -0.89 0.00	37.02 -1.14 0.00	36.93 -1.14 0.00	34.07 -1.02 0.00	30.50 -1.20 0.00	29.41 -0.72 0.00
LOCKPORT___CC2 323770	32.12 -0.32 0.00	29.23 -0.75 0.00	26.19 -0.40 0.00	24.49 -0.45 0.00	24.03 -0.56 0.00	25.34 -0.36 0.00	27.91 -0.60 0.00	30.51 -1.31 0.00	32.39 -1.70 0.00	33.82 -1.74 0.01	34.78 -1.04 0.00	35.67 -0.65 0.00	35.60 -0.77 0.00	37.33 -0.80 -0.01	37.18 -1.11 -0.01	39.19 -1.21 -0.01	40.66 -0.70 0.00	44.95 -1.15 -0.01	43.86 -0.89 0.00	37.02 -1.14 0.00	36.93 -1.14 0.00	34.07 -1.02 0.00	30.50 -1.20 0.00	29.41 -0.72 0.00
LOCKPORT___CC3 323771	32.12 -0.32 0.00	29.23 -0.75 0.00	26.19 -0.40 0.00	24.49 -0.45 0.00	24.03 -0.56 0.00	25.34 -0.36 0.00	27.91 -0.60 0.00	30.51 -1.31 0.00	32.39 -1.70 0.00	33.82 -1.74 0.01	34.78 -1.04 0.00	35.67 -0.65 0.00	35.60 -0.77 0.00	37.33 -0.80 -0.01	37.18 -1.11 -0.01	39.19 -1.21 -0.01	40.66 -0.70 0.00	44.95 -1.15 -0.01	43.86 -0.89 0.00	37.02 -1.14 0.00	36.93 -1.14 0.00	34.07 -1.02 0.00	30.50 -1.20 0.00	29.41 -0.72 0.00
LONG_LAKE_PHOENIX 24014	32.34 -0.36 -0.25	29.59 -0.39 0.00	26.27 -0.32 0.00	24.61 -0.32 0.00	24.28 -0.32 0.00	25.39 -0.31 0.00	28.17 -0.34 0.00	31.43 -0.38 0.00	34.01 -0.48 -0.39	35.78 -0.46 -0.67	35.42 -0.39 0.00	36.03 -0.29 0.00	36.11 -0.25 0.00	37.82 -0.31 0.00	37.98 -0.31 0.00	39.99 -0.40 0.00	41.03 -0.33 0.00	45.77 -0.32 0.00	44.39 -0.36 0.00	37.75 -0.42 0.00	37.69 -0.38 0.00	34.63 -0.46 0.00	31.26 -0.44 0.00	29.65 -0.48 0.00
LOVETT___3 23632	34.36 1.91 0.00	31.75 1.77 0.00	28.10 1.52 0.00	26.33 1.40 0.00	25.95 1.35 0.00	27.09 1.39 0.00	30.05 1.54 0.00	33.59 1.78 0.00	35.85 2.01 0.25	37.58 2.13 0.12	37.93 2.11 0.00	38.94 2.62 0.00	39.20 2.84 0.00	41.10 2.97 0.00	41.46 3.18 0.00	43.95 3.55 0.00	44.84 3.47 0.00	49.87 3.78 0.00	48.33 3.58 0.00	41.03 2.86 0.00	40.73 2.66 0.00	37.26 2.18 0.00	33.86 2.16 0.00	32.18 2.05 0.00
LOVETT___4 23642	34.36 1.91 0.00	31.75 1.77 0.00	28.10 1.52 0.00	26.33 1.40 0.00	25.95 1.35 0.00	27.09 1.39 0.00	30.05 1.54 0.00	33.59 1.78 0.00	35.85 2.01 0.25	37.58 2.13 0.12	37.93 2.11 0.00	38.94 2.62 0.00	39.20 2.84 0.00	41.10 2.97 0.00	41.46 3.18 0.00	43.95 3.55 0.00	44.84 3.47 0.00	49.87 3.78 0.00	48.33 3.58 0.00	41.03 2.86 0.00	40.73 2.66 0.00	37.26 2.18 0.00	33.86 2.16 0.00	32.18 2.05 0.00
LOVETT___5 23593	34.36 1.91 0.00	31.75 1.77 0.00	28.10 1.52 0.00	26.33 1.40 0.00	25.95 1.35 0.00	27.09 1.39 0.00	30.05 1.54 0.00	33.59 1.78 0.00	35.85 2.01 0.25	37.58 2.13 0.12	37.93 2.11 0.00	38.94 2.62 0.00	39.20 2.84 0.00	41.10 2.97 0.00	41.46 3.18 0.00	43.95 3.55 0.00	44.84 3.47 0.00	49.87 3.78 0.00	48.33 3.58 0.00	41.03 2.86 0.00	40.73 2.66 0.00	37.26 2.18 0.00	33.86 2.16 0.00	32.18 2.05 0.00
LOWER RAQUET___HYD 24057	31.79 -0.68 -0.02	29.50 -0.48 0.00	26.16 -0.43 0.00	24.51 -0.42 0.00	24.20 -0.39 0.00	25.42 -0.28 0.00	28.28 -0.23 0.00	31.56 -0.26 0.00	33.76 -0.37 -0.04	35.22 -0.43 -0.07	34.92 -0.89 0.00	34.83 -1.49 0.00	34.51 -1.85 0.00	36.14 -1.98 0.00	36.14 -2.14 0.00	37.69 -2.71 0.00	38.68 -2.69 0.00	42.82 -3.27 0.00	41.89 -2.87 0.00	36.53 -1.64 0.00	36.40 -1.67 0.00	34.03 -1.05 0.00	30.72 -0.98 0.00	29.50 -0.63 0.00
LOWER___HUDSON 24059	33.91 1.46 0.00	31.36 1.38 0.00	27.75 1.17 0.00	26.06 1.12 0.00	25.73 1.13 0.00	26.83 1.13 0.00	29.76 1.25 0.00	33.15 1.34 0.00	35.62 1.50 -0.03	37.11 1.53 -0.01	37.18 1.36 0.00	37.92 1.60 0.00	38.00 1.64 0.00	39.80 1.68 0.00	40.05 1.76 0.00	42.37 1.98 0.00	43.43 2.07 0.00	48.58 2.49 0.00	47.17 2.41 0.00	40.23 2.06 0.00	40.20 2.13 0.00	36.59 1.51 0.00	33.07 1.36 0.00	31.46 1.32 0.00
LOWVILLE_115KV_TB2 356335	32.83 0.32 -0.05	30.31 0.33 0.00	26.88 0.29 0.00	25.21 0.27 0.00	24.89 0.30 0.00	26.14 0.44 0.00	29.08 0.57 0.00	32.42 0.60 0.00	34.68 0.51 -0.08	36.21 0.50 -0.14	36.21 0.39 0.00	36.69 0.36 0.00	36.65 0.29 0.00	38.47 0.34 0.00	38.52 0.23 0.00	40.47 0.08 0.00	41.57 0.21 0.00	46.46 0.37 0.00	45.29 0.54 0.00	38.82 0.65 0.00	38.91 0.84 0.00	35.61 0.53 0.00	31.96 0.25 0.00	30.38 0.24 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	34.59 2.14 0.00	32.05 2.07 0.00	28.29 1.70 0.00	26.53 1.60 0.00	26.22 1.62 0.00	27.42 1.72 0.00	30.50 2.00 0.00	33.85 2.04 0.00	36.40 2.28 -0.03	37.89 2.31 -0.01	37.89 2.08 0.00	38.65 2.32 0.00	38.69 2.33 0.00	40.45 2.33 0.00	40.74 2.45 0.00	43.06 2.67 0.00	44.05 2.69 0.00	49.45 3.36 0.00	48.29 3.54 0.00	41.11 2.94 0.00	41.15 3.08 0.00	37.51 2.42 0.00	33.70 2.00 0.00	32.00 1.87 0.00

LUTHERNY_35_KV_BK2 355980	34.59 2.14 0.00	32.08 2.10 0.00	28.29 1.70 0.00	26.56 1.62 0.00	26.22 1.62 0.00	27.42 1.72 0.00	30.50 2.00 0.00	33.88 2.07 0.00	36.44 2.32 -0.03	37.93 2.35 -0.01	37.89 2.08 0.00	38.69 2.36 0.00	38.73 2.36 0.00	40.49 2.36 0.00	40.78 2.49 0.00	43.10 2.71 0.00	44.09 2.73 0.00	49.50 3.41 0.00	48.33 3.58 0.00	41.15 2.98 0.00	41.19 3.12 0.00	37.54 2.46 0.00	33.73 2.03 0.00	32.03 1.90 0.00
LWR___OSWEGATCHIE_HYD 23850	32.14 -0.36 -0.05	29.74 -0.24 0.00	26.35 -0.24 0.00	24.71 -0.22 0.00	24.40 -0.20 0.00	25.62 -0.08 0.00	28.54 0.03 0.00	31.81 0.00 0.00	34.03 -0.14 -0.08	35.52 -0.18 -0.13	35.35 -0.47 0.00	35.60 -0.73 0.00	35.34 -1.02 0.00	37.14 -0.99 0.00	37.10 -1.19 0.00	38.82 -1.58 0.00	39.96 -1.41 0.00	44.52 -1.57 0.00	43.41 -1.34 0.00	37.48 -0.69 0.00	37.65 -0.42 0.00	34.63 -0.46 0.00	31.17 -0.54 0.00	29.77 -0.36 0.00
LYONS_FALL_HYD 23570	33.04 0.55 -0.04	30.49 0.51 0.00	27.04 0.45 0.00	25.36 0.42 0.00	25.01 0.42 0.00	26.26 0.56 0.00	29.19 0.68 0.00	32.57 0.76 0.00	34.90 0.75 -0.06	36.41 0.75 -0.10	36.49 0.68 0.00	37.09 0.76 0.00	37.05 0.69 0.00	38.93 0.80 0.00	39.01 0.73 0.00	41.04 0.64 0.00	42.11 0.75 0.00	47.06 0.97 0.00	45.78 1.03 0.00	39.12 0.95 0.00	39.13 1.06 0.00	35.82 0.74 0.00	32.21 0.51 0.00	30.59 0.45 0.00
MADISON___COUNTY_LFGE 323628	33.46 0.97 -0.04	30.85 0.87 0.00	27.36 0.77 0.00	25.64 0.70 0.00	25.28 0.69 0.00	26.52 0.82 0.00	29.45 0.94 0.00	32.86 1.05 0.00	35.37 1.23 -0.05	36.97 1.32 -0.09	37.14 1.33 0.00	37.81 1.49 0.00	37.89 1.53 0.00	39.80 1.68 0.00	39.93 1.65 0.00	42.13 1.74 0.00	43.06 1.70 0.00	48.03 1.94 0.00	46.63 1.88 0.00	39.69 1.53 0.00	39.67 1.60 0.00	36.31 1.23 0.00	32.66 0.95 0.00	30.98 0.84 0.00
MALONE___115KV_TB1 356076	32.55 0.10 0.00	30.25 0.27 0.00	26.83 0.24 0.00	25.11 0.17 0.00	24.79 0.20 0.00	26.06 0.36 0.00	29.05 0.54 0.00	32.42 0.60 0.00	34.67 0.58 0.00	36.17 0.60 0.00	36.24 0.43 0.00	36.36 0.04 0.00	36.00 -0.36 0.00	37.78 -0.34 0.00	37.60 -0.69 0.00	39.54 -0.85 0.00	40.70 -0.66 0.00	44.98 -1.11 0.00	43.95 -0.81 0.00	37.86 -0.31 0.00	38.18 0.11 0.00	35.33 0.25 0.00	31.74 0.03 0.00	30.22 0.09 0.00
MAPLEWOD_115KV_TB3 80458	33.65 1.20 0.00	31.12 1.14 0.00	27.57 0.98 0.00	25.89 0.95 0.00	25.55 0.96 0.00	26.65 0.95 0.00	29.53 1.03 0.00	32.93 1.11 0.00	35.38 1.26 -0.03	36.86 1.28 -0.01	36.96 1.15 0.00	37.70 1.38 0.00	37.82 1.45 0.00	39.65 1.53 0.00	39.93 1.65 0.00	42.21 1.82 0.00	43.18 1.82 0.00	48.26 2.17 0.00	46.90 2.15 0.00	39.96 1.79 0.00	39.86 1.79 0.00	36.38 1.30 0.00	32.85 1.14 0.00	31.22 1.08 0.00
MAPLE_RIDGE_WT_1 323574	31.99 -0.45 0.00	29.59 -0.39 0.00	26.24 -0.35 0.00	24.59 -0.35 0.00	24.25 -0.34 0.00	25.34 -0.36 0.00	28.14 -0.37 0.00	31.43 -0.38 0.00	33.68 -0.41 0.00	35.21 -0.36 0.00	35.42 -0.39 0.00	35.71 -0.62 0.00	35.71 -0.65 0.00	37.44 -0.69 0.00	37.52 -0.77 0.00	39.50 -0.89 0.00	40.41 -0.95 0.00	44.94 -1.15 0.00	43.68 -1.07 0.00	37.36 -0.80 0.00	37.23 -0.84 0.00	34.56 -0.53 0.00	31.20 -0.51 0.00	29.68 -0.45 0.00
MAPLE_RIDGE_WT_2 323611	31.99 -0.45 0.00	29.59 -0.39 0.00	26.24 -0.35 0.00	24.59 -0.35 0.00	24.25 -0.34 0.00	25.34 -0.36 0.00	28.14 -0.37 0.00	31.43 -0.38 0.00	33.68 -0.41 0.00	35.21 -0.36 0.00	35.42 -0.39 0.00	35.71 -0.62 0.00	35.71 -0.65 0.00	37.44 -0.69 0.00	37.52 -0.77 0.00	39.50 -0.89 0.00	40.41 -0.95 0.00	44.94 -1.15 0.00	43.68 -1.07 0.00	37.36 -0.80 0.00	37.23 -0.84 0.00	34.56 -0.53 0.00	31.20 -0.51 0.00	29.68 -0.45 0.00
MARBLE_RIVER_WT_PWR 323696	32.74 0.29 0.00	30.40 0.42 0.00	26.99 0.40 0.00	25.26 0.32 0.00	24.91 0.32 0.00	26.16 0.46 0.00	29.11 0.60 0.00	32.51 0.70 0.00	34.77 0.68 0.00	36.28 0.71 0.00	36.42 0.61 0.00	36.58 0.26 0.00	36.44 0.07 0.00	38.17 0.04 0.00	38.02 -0.27 0.00	40.11 -0.28 0.00	41.03 -0.33 0.00	45.31 -0.78 0.00	44.39 -0.36 0.00	38.13 -0.04 0.00	38.15 0.08 0.00	35.54 0.45 0.00	31.96 0.25 0.00	30.37 0.24 0.00
MARSHVLE_115KV_TB1 80742	34.98 2.53 0.00	32.29 2.31 0.00	28.47 1.89 0.00	26.73 1.80 0.00	26.39 1.80 0.00	27.76 2.06 0.00	30.79 2.28 0.00	34.74 2.93 0.00	36.97 2.86 -0.02	37.96 2.38 -0.01	38.11 2.29 0.00	38.69 2.36 0.00	38.65 2.29 0.00	40.49 2.36 0.00	40.74 2.45 0.00	43.10 2.71 0.00	44.42 3.06 0.00	50.24 4.15 0.00	49.54 4.79 0.00	42.29 4.12 0.00	42.75 4.68 0.00	38.87 3.79 0.00	34.59 2.89 0.00	32.70 2.56 0.00
MARSH_HILL_WT_PWR 323713	33.09 0.61 -0.03	30.25 0.27 0.00	27.01 0.42 0.00	25.26 0.32 0.00	24.84 0.25 0.00	26.21 0.51 0.00	29.11 0.60 0.00	32.20 0.38 0.00	34.21 0.07 -0.05	35.75 0.11 -0.07	36.53 0.72 0.00	37.49 1.16 0.00	37.49 1.13 0.00	39.24 1.11 0.00	39.25 0.96 0.00	41.40 1.01 0.00	42.77 1.41 0.00	47.47 1.38 0.00	46.05 1.30 0.00	38.97 0.80 0.00	38.91 0.84 0.00	35.79 0.70 0.00	32.09 0.38 0.00	30.50 0.36 0.00
MCINTYRE_115KV_TB2 80467	32.29 -0.16 0.00	30.01 0.03 0.00	26.61 0.03 0.00	24.96 0.02 0.00	24.64 0.05 0.00	25.90 0.21 0.00	28.79 0.29 0.00	32.07 0.25 0.00	34.23 0.10 -0.03	35.66 0.04 -0.06	35.49 -0.32 0.00	35.49 -0.84 0.00	35.13 -1.24 0.00	36.87 -1.26 0.00	36.79 -1.49 0.00	38.21 -2.18 0.00	39.46 -1.90 0.00	43.88 -2.21 0.00	42.78 -1.97 0.00	37.37 -0.80 0.00	37.65 -0.42 0.00	34.84 -0.25 0.00	31.36 -0.35 0.00	29.98 -0.15 0.00
MECO_____69_KV_BK1 80468	36.37 3.93 0.00	33.64 3.66 0.00	29.54 2.95 0.00	27.73 2.79 0.00	27.40 2.80 0.00	28.89 3.19 0.00	32.33 3.82 0.00	36.36 4.55 0.00	39.05 4.94 -0.02	40.24 4.66 -0.01	40.58 4.76 0.00	41.12 4.79 0.00	41.16 4.80 0.00	42.89 4.77 0.00	43.15 4.86 0.00	45.48 5.09 0.00	46.78 5.42 0.00	53.10 7.01 0.00	52.00 7.25 0.00	44.12 5.95 0.00	44.47 6.40 0.00	40.35 5.26 0.00	35.73 4.03 0.00	33.69 3.56 0.00
MENANDS___115KV_TB5 355628	33.42 0.97 0.00	30.91 0.93 0.00	27.38 0.80 0.00	25.74 0.80 0.00	25.41 0.81 0.00	26.50 0.80 0.00	29.33 0.83 0.00	32.70 0.89 0.00	35.17 1.06 -0.03	36.65 1.07 -0.01	36.71 0.90 0.00	37.49 1.16 0.00	37.60 1.24 0.00	39.42 1.30 0.00	39.67 1.38 0.00	41.97 1.58 0.00	42.89 1.53 0.00	47.93 1.84 0.00	46.54 1.79 0.00	39.69 1.53 0.00	39.55 1.48 0.00	36.10 1.02 0.00	32.62 0.92 0.00	31.01 0.87 0.00
MG INDUSTRY___DRP 24185	33.45 1.01 0.00	30.94 0.96 0.00	27.41 0.82 0.00	25.76 0.82 0.00	25.43 0.84 0.00	26.50 0.80 0.00	29.36 0.86 0.00	32.67 0.86 0.00	35.04 0.92 -0.02	36.43 0.85 -0.01	36.53 0.72 0.00	37.27 0.94 0.00	37.34 0.98 0.00	39.12 0.99 0.00	39.40 1.11 0.00	41.65 1.25 0.00	42.65 1.28 0.00	47.70 1.61 0.00	46.36 1.61 0.00	39.54 1.37 0.00	39.48 1.41 0.00	36.10 1.02 0.00	32.59 0.89 0.00	30.98 0.84 0.00

MID___OSWEGATCHIE_HYD 23849	32.14 -0.36 -0.05	29.74 -0.24 0.00	26.35 -0.24 0.00	24.71 -0.22 0.00	24.40 -0.20 0.00	25.62 -0.08 0.00	28.54 0.03 0.00	31.81 0.00 0.00	34.03 -0.14 -0.08	35.52 -0.18 -0.13	35.35 -0.47 0.00	35.60 -0.73 0.00	35.34 -1.02 0.00	37.14 -0.99 0.00	37.10 -1.19 0.00	38.82 -1.58 0.00	39.96 -1.41 0.00	44.52 -1.57 0.00	43.41 -1.34 0.00	37.48 -0.69 0.00	37.65 -0.42 0.00	34.63 -0.46 0.00	31.17 -0.54 0.00	29.77 -0.36 0.00
MID___RAQUETTE_HYD 23851	31.79 -0.68 -0.02	29.50 -0.48 0.00	26.16 -0.43 0.00	24.51 -0.42 0.00	24.20 -0.39 0.00	25.42 -0.28 0.00	28.28 -0.23 0.00	31.56 -0.25 0.00	33.76 -0.38 -0.04	35.21 -0.43 -0.07	34.96 -0.86 0.00	34.94 -1.38 0.00	34.51 -1.85 0.00	36.22 -1.91 0.00	36.14 -2.14 0.00	37.61 -2.79 0.00	38.76 -2.61 0.00	43.00 -3.09 0.00	41.89 -2.86 0.00	36.53 -1.64 0.00	36.74 -1.33 0.00	34.03 -1.05 0.00	30.72 -0.98 0.00	29.50 -0.63 0.00
MILLIKEN___1 23584	33.35 0.81 -0.09	30.64 0.66 0.00	27.17 0.58 0.00	25.46 0.52 0.00	25.09 0.49 0.00	26.29 0.59 0.00	29.22 0.71 0.00	32.64 0.83 0.00	34.98 0.75 -0.14	36.58 0.78 -0.23	36.75 0.93 0.00	37.41 1.09 0.00	37.45 1.09 0.00	39.27 1.14 0.00	39.36 1.07 0.00	41.93 1.53 0.00	43.14 1.78 0.00	47.70 1.61 0.00	46.27 1.52 0.00	39.31 1.15 0.00	39.25 1.18 0.00	36.00 0.91 0.00	32.43 0.73 0.00	30.74 0.60 0.00
MILLIKEN___2 23585	33.35 0.81 -0.09	30.64 0.66 0.00	27.17 0.58 0.00	25.46 0.52 0.00	25.09 0.49 0.00	26.29 0.59 0.00	29.22 0.71 0.00	32.64 0.83 0.00	34.98 0.75 -0.14	36.58 0.78 -0.23	36.75 0.93 0.00	37.41 1.09 0.00	37.45 1.09 0.00	39.27 1.14 0.00	39.36 1.07 0.00	41.93 1.53 0.00	43.14 1.78 0.00	47.70 1.61 0.00	46.27 1.52 0.00	39.31 1.15 0.00	39.25 1.18 0.00	36.00 0.91 0.00	32.43 0.73 0.00	30.74 0.60 0.00
MILLIKEN___DIESEL 23629	33.35 0.81 -0.09	30.64 0.66 0.00	27.17 0.58 0.00	25.46 0.52 0.00	25.09 0.49 0.00	26.29 0.59 0.00	29.22 0.71 0.00	32.64 0.83 0.00	34.98 0.75 -0.14	36.58 0.78 -0.23	36.75 0.93 0.00	37.41 1.09 0.00	37.45 1.09 0.00	39.27 1.14 0.00	39.36 1.07 0.00	41.93 1.53 0.00	43.14 1.78 0.00	47.70 1.61 0.00	46.27 1.52 0.00	39.31 1.15 0.00	39.25 1.18 0.00	36.00 0.91 0.00	32.43 0.73 0.00	30.74 0.60 0.00
MILLSEAT___LFGE 323607	32.71 0.26 0.00	29.77 -0.21 0.00	26.61 0.03 0.00	24.89 -0.05 0.00	24.45 -0.15 0.00	25.80 0.10 0.00	28.45 -0.06 0.00	31.24 -0.57 0.00	33.17 -0.92 0.00	34.63 -0.92 0.01	35.53 -0.29 0.00	36.36 0.04 0.00	36.29 -0.07 0.00	38.02 -0.11 -0.01	37.87 -0.42 -0.01	39.96 -0.44 -0.01	41.41 0.04 0.00	45.87 -0.23 -0.01	44.75 0.00 0.00	37.75 -0.42 0.00	37.69 -0.38 0.00	34.77 -0.32 0.00	31.07 -0.63 0.00	29.83 -0.30 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.59 2.14 0.00	31.93 1.95 0.00	28.26 1.67 0.00	26.46 1.52 0.00	26.07 1.48 0.00	27.22 1.52 0.00	30.22 1.71 0.00	33.88 2.07 0.00	36.61 2.35 -0.17	38.10 2.45 -0.08	38.29 2.47 0.00	39.27 2.94 0.00	39.53 3.16 0.00	41.44 3.32 0.00	41.77 3.48 0.00	44.31 3.92 0.00	45.21 3.85 0.00	50.28 4.19 0.00	48.73 3.98 0.00	41.37 3.21 0.00	41.08 3.01 0.00	37.54 2.46 0.00	34.08 2.38 0.00	32.33 2.20 0.00
MILLWOOD_13_KV_LOAD 356217	34.72 2.27 0.00	32.05 2.07 0.00	28.34 1.75 0.00	26.53 1.60 0.00	26.14 1.55 0.00	27.32 1.62 0.00	30.33 1.82 0.00	34.04 2.23 0.00	36.78 2.52 -0.17	38.28 2.63 -0.08	38.47 2.65 0.00	39.45 3.12 0.00	39.74 3.38 0.00	41.67 3.55 0.00	42.00 3.71 0.00	44.55 4.16 0.00	45.42 4.05 0.00	50.56 4.47 0.00	48.96 4.21 0.00	41.53 3.36 0.00	41.23 3.16 0.00	37.68 2.60 0.00	34.21 2.50 0.00	32.45 2.32 0.00
MODEL_CITY_ENERGY 24167	31.80 -0.65 0.00	28.93 -1.05 0.00	25.95 -0.64 0.00	24.27 -0.67 0.00	23.81 -0.79 0.00	25.11 -0.59 0.00	27.62 -0.88 0.00	30.16 -1.66 0.00	32.01 -2.08 0.00	33.46 -2.10 0.01	34.38 -1.43 0.00	35.24 -1.09 0.00	35.16 -1.20 0.00	36.87 -1.26 0.00	36.76 -1.53 0.00	38.74 -1.66 0.00	40.21 -1.16 0.00	44.44 -1.66 0.00	43.36 -1.39 0.00	36.64 -1.53 0.00	36.51 -1.56 0.00	33.72 -1.37 0.00	30.18 -1.52 0.00	29.11 -1.02 0.00
MODERN_LFGE___ 323580	31.80 -0.65 0.00	28.93 -1.05 0.00	25.95 -0.64 0.00	24.27 -0.67 0.00	23.81 -0.79 0.00	25.11 -0.59 0.00	27.62 -0.88 0.00	30.16 -1.66 0.00	32.01 -2.08 0.00	33.46 -2.10 0.01	34.38 -1.43 0.00	35.24 -1.09 0.00	35.16 -1.20 0.00	36.87 -1.26 0.00	36.76 -1.53 0.00	38.74 -1.66 0.00	40.21 -1.16 0.00	44.44 -1.66 0.00	43.36 -1.39 0.00	36.64 -1.53 0.00	36.51 -1.56 0.00	33.72 -1.37 0.00	30.18 -1.52 0.00	29.11 -1.02 0.00
MOHAWK_PAPER___DRP 24187	33.65 1.20 0.00	31.12 1.14 0.00	27.57 0.98 0.00	25.89 0.95 0.00	25.55 0.96 0.00	26.65 0.95 0.00	29.53 1.03 0.00	32.93 1.11 0.00	35.38 1.26 -0.03	36.86 1.28 -0.01	36.96 1.15 0.00	37.70 1.38 0.00	37.82 1.45 0.00	39.65 1.53 0.00	39.93 1.65 0.00	42.21 1.82 0.00	43.18 1.82 0.00	48.26 2.17 0.00	46.90 2.15 0.00	39.96 1.79 0.00	39.86 1.79 0.00	36.38 1.30 0.00	32.85 1.14 0.00	31.22 1.08 0.00
MOHICAN___35_KV_115KV_LD 80490	34.65 2.21 0.00	32.20 2.22 0.00	28.34 1.75 0.00	26.61 1.67 0.00	26.27 1.67 0.00	27.52 1.82 0.00	30.70 2.20 0.00	34.01 2.20 0.00	36.61 2.49 -0.03	38.11 2.53 -0.01	37.93 2.11 0.00	38.69 2.36 0.00	38.73 2.36 0.00	40.38 2.25 0.00	40.66 2.37 0.00	42.98 2.59 0.00	43.93 2.56 0.00	49.45 3.36 0.00	48.51 3.76 0.00	41.30 3.13 0.00	41.46 3.39 0.00	37.72 2.63 0.00	33.76 2.06 0.00	32.06 1.93 0.00
MONGAUP___HYD 23641	34.33 1.88 0.00	31.72 1.74 0.00	28.10 1.51 0.00	26.33 1.40 0.00	25.95 1.35 0.00	27.09 1.39 0.00	30.02 1.51 0.00	33.43 1.62 0.00	35.76 1.81 0.14	37.35 1.85 0.07	37.64 1.83 0.00	38.50 2.18 0.00	38.69 2.33 0.00	40.64 2.52 0.00	40.89 2.60 0.00	43.34 2.95 0.00	44.38 3.02 0.00	49.55 3.46 0.00	48.06 3.31 0.00	40.84 2.67 0.00	40.77 2.70 0.00	37.05 1.96 0.00	33.61 1.90 0.00	31.94 1.81 0.00
MONTAUK___DIESEL 23721	38.79 3.12 -3.22	37.71 2.76 -4.97	36.35 2.55 -7.21	29.17 2.37 -1.86	29.94 2.43 -2.91	33.49 2.78 -5.02	34.11 3.19 -2.41	38.60 3.85 -2.94	39.83 4.57 -1.17	40.51 4.87 -0.07	41.01 5.19 0.00	42.66 5.99 -0.34	42.50 6.04 -0.10	44.35 6.21 0.00	44.97 6.43 -0.25	51.82 7.55 -3.88	61.84 7.24 -13.24	66.57 8.43 -12.05	52.91 8.14 -0.01	44.48 6.30 -0.01	44.09 6.02 -0.01	39.79 4.70 0.00	35.35 3.65 0.00	33.96 3.83 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.36 0.91 0.00	30.25 0.27 0.00	27.14 0.56 0.00	25.39 0.45 0.00	24.91 0.32 0.00	26.26 0.57 0.00	29.14 0.63 0.00	32.19 0.38 0.00	34.06 -0.03 0.00	35.63 0.07 0.01	36.85 1.04 0.00	37.60 1.27 0.00	37.82 1.45 0.00	39.58 1.45 0.00	39.25 0.96 0.00	41.53 1.13 0.00	42.89 1.53 0.00	47.25 1.15 0.00	46.09 1.34 0.00	38.70 0.53 0.00	38.45 0.38 0.00	35.33 0.25 0.00	31.67 -0.03 0.00	30.22 0.09 0.00

MORTIMER_115KV_TB3 55949	32.48 0.03 0.00	29.74 -0.24 0.00	26.48 -0.11 0.00	24.76 -0.17 0.00	24.35 -0.25 0.00	25.60 -0.10 0.00	28.31 -0.20 0.00	31.33 -0.48 0.00	33.44 -0.65 0.00	34.95 -0.60 0.01	35.64 -0.18 0.00	36.14 -0.18 0.00	36.33 -0.04 0.00	37.94 -0.19 0.00	37.79 -0.50 0.00	40.07 -0.32 0.00	41.41 0.04 0.00	45.81 -0.28 0.00	44.62 -0.13 0.00	37.71 -0.46 0.00	37.73 -0.34 0.00	34.73 -0.35 0.00	31.20 -0.51 0.00	29.77 -0.36 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.91 2.47 0.00	32.26 2.28 0.00	28.50 1.91 0.00	26.66 1.72 0.00	26.27 1.67 0.00	27.45 1.75 0.00	30.53 2.02 0.00	34.29 2.48 0.00	37.06 2.83 -0.14	38.59 2.95 -0.07	37.32 2.94 1.44	37.58 3.45 2.20	38.59 3.71 1.48	41.77 3.89 0.25	43.01 4.06 -0.67	44.89 4.48 -0.02	45.75 4.38 0.00	50.84 4.75 0.00	49.27 4.52 0.00	41.87 3.70 0.00	41.53 3.46 0.00	38.03 2.95 0.00	34.49 2.79 0.00	32.70 2.56 0.00
MUNSVILLE_WIND_PWR 323609	35.16 2.66 -0.05	32.41 2.43 0.00	28.77 2.18 0.00	26.98 2.05 0.00	26.56 1.97 0.00	28.01 2.31 0.00	31.19 2.68 0.00	35.34 3.53 0.00	37.60 3.41 -0.10	39.22 3.49 -0.16	39.47 3.65 0.00	40.36 4.03 0.00	40.22 3.85 0.00	42.32 4.19 0.00	42.34 4.06 0.00	44.67 4.28 0.00	46.24 4.88 0.00	51.71 5.62 0.00	50.30 5.55 0.00	42.75 4.58 0.00	42.94 4.87 0.00	38.88 3.79 0.00	34.68 2.98 0.00	32.81 2.68 0.00
N SALMON___HYD 24042	32.55 0.10 0.00	30.25 0.27 0.00	26.82 0.24 0.00	25.11 0.18 0.00	24.79 0.20 0.00	26.06 0.36 0.00	29.05 0.54 0.00	32.41 0.60 0.00	34.67 0.58 0.00	36.17 0.60 0.00	36.21 0.39 0.00	36.29 -0.04 0.00	36.04 -0.33 0.00	37.75 -0.38 0.00	37.60 -0.69 0.00	39.59 -0.81 0.00	40.58 -0.79 0.00	44.75 -1.34 0.00	43.95 -0.80 0.00	37.86 -0.31 0.00	37.88 -0.19 0.00	35.33 0.25 0.00	31.74 0.03 0.00	30.22 0.09 0.00
N.AKRON__115KV_KNAPP 355671	32.74 0.29 0.00	29.77 -0.21 0.00	26.64 0.05 0.00	24.89 -0.05 0.00	24.45 -0.15 0.00	25.75 0.05 0.00	28.45 -0.06 0.00	31.24 -0.57 0.00	33.17 -0.92 0.00	34.67 -0.89 0.01	35.60 -0.21 0.00	36.07 -0.25 0.00	36.29 -0.07 0.00	37.98 -0.15 -0.01	37.68 -0.61 -0.01	39.87 -0.53 -0.01	41.41 0.04 0.00	45.77 -0.32 -0.01	44.66 -0.09 0.00	37.63 -0.53 0.00	37.65 -0.42 0.00	34.70 -0.39 0.00	31.07 -0.63 0.00	29.86 -0.27 0.00
N.BELMOR_69_KV_BK1 55787	38.69 3.02 -3.22	37.71 2.76 -4.97	36.16 2.37 -7.21	28.95 2.14 -1.86	29.60 2.09 -2.91	32.90 2.18 -5.02	33.37 2.45 -2.41	37.68 2.93 -2.94	38.57 3.31 -1.17	39.05 3.41 -0.07	39.11 3.29 0.00	41.90 4.00 -1.58	41.07 4.25 -0.45	42.47 4.35 0.00	42.92 4.63 0.00	63.31 5.09 -17.83	69.33 5.09 -22.88	63.66 5.53 -12.04	49.99 5.24 0.00	42.48 4.31 0.00	42.14 4.07 0.00	38.56 3.47 0.00	34.75 3.04 0.00	33.18 3.04 0.00
N.E_GEN_SANDY PD 24062	34.07 1.62 0.00	31.48 1.50 0.00	27.89 1.30 0.00	26.16 1.22 0.00	25.80 1.20 0.00	26.91 1.21 0.00	29.76 1.25 0.00	33.28 1.46 0.00	35.78 1.64 -0.05	37.26 1.67 -0.02	37.35 1.54 0.00	38.21 1.89 0.00	38.29 1.93 0.00	40.15 2.02 0.00	40.39 2.10 0.00	41.40 2.38 1.38	45.26 2.52 -1.38	48.95 2.86 0.00	47.44 2.68 0.00	40.42 2.25 0.00	40.32 2.25 0.00	36.70 1.61 0.00	33.29 1.58 0.00	31.70 1.57 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.43 1.98 0.00	31.81 1.83 0.00	28.15 1.57 0.00	26.38 1.45 0.00	25.97 1.38 0.00	27.14 1.44 0.00	30.10 1.60 0.00	33.66 1.85 0.00	35.92 2.08 0.25	37.66 2.21 0.12	38.04 2.22 0.00	39.05 2.72 0.00	39.31 2.95 0.00	41.22 3.09 0.00	41.58 3.29 0.00	44.07 3.68 0.00	44.96 3.60 0.00	50.01 3.92 0.00	48.47 3.71 0.00	41.15 2.98 0.00	40.81 2.74 0.00	37.33 2.25 0.00	33.92 2.22 0.00	32.24 2.11 0.00
N.QUEENS_27_KV_LOAD 356247	35.27 2.82 0.00	32.63 2.64 -0.01	28.71 2.13 0.00	26.81 1.87 0.00	26.39 1.80 0.00	27.58 1.88 0.00	30.67 2.17 0.00	34.52 2.70 0.00	37.21 2.97 -0.15	38.73 3.09 -0.07	40.54 3.19 -1.54	40.09 3.74 -0.02	40.38 4.00 -0.02	42.29 4.16 -0.01	42.55 4.25 -0.01	45.14 4.73 -0.02	46.00 4.63 0.00	51.02 4.93 0.00	49.50 4.74 0.00	42.14 3.97 0.00	41.76 3.69 0.00	38.32 3.23 -0.01	34.85 3.14 -0.01	33.06 2.92 -0.01
N.TROY___115KV_TB1 355778	33.91 1.46 0.00	31.36 1.38 0.00	27.76 1.17 0.00	26.06 1.12 0.00	25.73 1.13 0.00	26.86 1.16 0.00	29.76 1.25 0.00	33.15 1.34 0.00	35.62 1.50 -0.03	37.11 1.53 -0.01	37.14 1.33 0.00	37.92 1.60 0.00	38.00 1.64 0.00	39.80 1.68 0.00	40.05 1.76 0.00	42.37 1.98 0.00	43.39 2.03 0.00	48.53 2.44 0.00	47.21 2.46 0.00	40.27 2.10 0.00	40.13 2.06 0.00	36.63 1.54 0.00	33.07 1.36 0.00	31.46 1.33 0.00
NARROWS_GT1_1 24228	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	67.45 4.92 -17.78	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
NARROWS_GT1_2 24229	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	67.45 4.92 -17.78	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
NARROWS_GT1_3 24230	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	67.45 4.92 -17.78	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
NARROWS_GT1_4 24231	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	67.45 4.92 -17.78	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
NARROWS_GT1_5 24232	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	67.45 4.92 -17.78	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98

NARROWS_GT1_6 24233	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	67.45 4.92 -17.78	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
NARROWS_GT1_7 24234	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	67.45 4.92 -17.78	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
NARROWS_GT1_8 24235	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	67.45 4.92 -17.78	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
NARROWS_GT2_1 24236	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	68.52 4.92 -18.84	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
NARROWS_GT2_2 24237	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	68.52 4.92 -18.84	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
NARROWS_GT2_3 24238	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	68.52 4.92 -18.84	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
NARROWS_GT2_4 24239	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	68.52 4.92 -18.84	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
NARROWS_GT2_5 24240	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	68.52 4.92 -18.84	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
NARROWS_GT2_6 24241	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	68.52 4.92 -18.84	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
NARROWS_GT2_7 24242	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	68.52 4.92 -18.84	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
NARROWS_GT2_8 24243	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.98 3.34 -0.07	40.76 3.37 -1.57	43.67 3.92 -3.42	45.76 4.14 -5.26	71.12 4.34 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	68.52 4.92 -18.84	67.47 4.12 -25.18	100.29 4.00 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.97 1.53 0.00	31.42 1.44 0.00	27.81 1.22 0.00	26.16 1.22 0.00	25.85 1.25 0.00	26.93 1.23 0.00	29.88 1.37 0.00	33.02 1.21 0.00	35.58 1.47 -0.02	36.79 1.21 -0.01	36.78 0.97 0.00	37.45 1.13 0.00	37.53 1.16 0.00	39.39 1.26 0.00	39.67 1.38 0.00	41.93 1.53 0.00	42.98 1.61 0.00	48.21 2.12 0.00	46.94 2.19 0.00	40.08 1.91 0.00	40.13 2.06 0.00	36.45 1.37 0.00	32.85 1.14 0.00	31.19 1.05 0.00
NCHELSEA_115KV_TR2 355582	34.69 2.24 0.00	32.05 2.07 0.00	28.37 1.78 0.00	26.58 1.65 0.00	26.19 1.60 0.00	27.32 1.62 0.00	30.33 1.82 0.00	33.88 2.07 0.00	36.45 2.35 -0.01	38.06 2.49 0.00	38.29 2.47 0.00	39.16 2.83 0.00	39.42 3.05 0.00	41.33 3.20 0.00	41.66 3.37 0.00	44.15 3.76 0.00	45.05 3.68 0.00	50.15 4.06 0.00	48.56 3.80 0.00	41.22 3.05 0.00	41.04 2.97 0.00	37.40 2.32 0.00	33.99 2.28 0.00	32.27 2.14 0.00
NEG CAPITAL____MECHNVIL 23645	34.59 2.14 0.00	32.05 2.07 0.00	28.29 1.70 0.00	26.54 1.60 0.00	26.19 1.60 0.00	27.40 1.70 0.00	30.47 1.97 0.00	33.85 2.04 0.00	36.40 2.28 -0.03	37.93 2.35 -0.01	37.96 2.15 0.00	38.72 2.40 0.00	38.76 2.40 0.00	40.53 2.40 0.00	40.81 2.53 0.00	43.14 2.75 0.00	44.18 2.81 0.00	49.59 3.50 0.00	48.33 3.58 0.00	41.18 3.01 0.00	41.23 3.16 0.00	37.50 2.42 0.00	33.73 2.03 0.00	32.03 1.90 0.00
NEG CENTRAL_HIGH_ACRES 23767	32.03 -0.42 0.00	29.35 -0.63 0.00	26.11 -0.48 0.00	24.41 -0.52 0.00	24.03 -0.56 0.00	25.26 -0.44 0.00	28.00 -0.51 0.00	31.05 -0.76 0.00	33.17 -0.92 0.00	34.63 -0.92 0.01	35.28 -0.54 0.00	36.00 -0.33 0.00	35.93 -0.43 0.00	37.59 -0.53 0.00	37.60 -0.69 0.00	39.75 -0.65 0.00	40.99 -0.37 0.00	45.40 -0.69 0.00	44.08 -0.67 0.00	37.33 -0.84 0.00	37.31 -0.76 0.00	34.31 -0.77 0.00	30.78 -0.92 0.00	29.32 -0.81 0.00



NEG CENTRAL___DRP 24199	32.89 0.36 -0.09	30.13 0.15 0.00	26.77 0.19 0.00	25.06 0.12 0.00	24.69 0.10 0.00	25.90 0.21 0.00	28.79 0.29 0.00	32.07 0.25 0.00	34.37 0.14 -0.14	35.98 0.18 -0.23	36.24 0.43 0.00	36.91 0.58 0.00	36.98 0.62 0.00	38.58 0.46 0.00	38.63 0.34 0.00	41.36 0.97 0.00	42.60 1.24 0.00	46.64 0.55 0.00	45.24 0.49 0.00	38.32 0.15 0.00	38.26 0.19 0.00	35.30 0.21 0.00	31.77 0.06 0.00	30.10 -0.03 0.00
NEG CENTRAL___INDECK 23768	33.75 1.30 0.00	30.85 0.87 0.00	27.46 0.88 0.00	25.69 0.75 0.00	25.23 0.64 0.00	26.62 0.92 0.00	29.53 1.02 0.00	32.61 0.80 0.00	34.43 0.34 0.00	35.74 0.18 0.01	36.35 0.54 0.00	37.23 0.91 0.00	37.13 0.76 0.00	38.85 0.72 0.00	38.86 0.58 0.00	41.08 0.69 0.00	42.48 1.12 0.00	47.29 1.20 0.00	46.27 1.52 0.00	39.35 1.18 0.00	39.44 1.37 0.00	36.28 1.19 0.00	32.43 0.73 0.00	30.83 0.69 0.00
NEG CENTRAL___SENECA 23627	33.05 0.55 -0.05	30.28 0.30 0.00	26.91 0.32 0.00	25.19 0.25 0.00	24.79 0.20 0.00	26.06 0.36 0.00	28.96 0.46 0.00	32.19 0.38 0.00	34.40 0.24 -0.07	35.97 0.28 -0.12	36.42 0.61 0.00	37.09 0.76 0.00	37.20 0.84 0.00	38.70 0.57 0.00	38.71 0.42 0.00	41.20 0.81 0.00	42.48 1.12 0.00	46.87 0.78 0.00	45.51 0.76 0.00	38.47 0.31 0.00	38.45 0.38 0.00	35.54 0.46 0.00	31.93 0.22 0.00	30.28 0.15 0.00
NEG CENTRAL___STATE_STREET 24147	32.86 0.29 -0.12	30.16 0.18 0.00	26.75 0.16 0.00	25.06 0.12 0.00	24.69 0.10 0.00	25.88 0.18 0.00	28.76 0.26 0.00	32.07 0.25 0.00	34.45 0.17 -0.18	36.09 0.21 -0.31	36.24 0.43 0.00	36.91 0.58 0.00	36.94 0.58 0.00	38.70 0.57 0.00	38.82 0.54 0.00	41.73 1.33 0.00	42.94 1.57 0.00	46.74 0.65 0.00	45.29 0.54 0.00	38.44 0.27 0.00	38.41 0.34 0.00	35.30 0.21 0.00	31.80 0.10 0.00	30.13 0.00 0.00
NEG MILLWOOD___DRP 24198	34.95 2.50 0.00	32.26 2.28 0.00	28.50 1.91 0.00	26.71 1.77 0.00	26.29 1.70 0.00	27.47 1.77 0.00	30.50 2.00 0.00	34.23 2.42 0.00	36.87 2.73 -0.05	38.47 2.88 -0.02	38.72 2.90 0.00	39.63 3.31 0.00	39.96 3.60 0.00	41.86 3.74 0.00	42.27 3.98 0.00	44.84 4.44 0.00	45.58 4.22 0.00	50.84 4.75 0.00	49.23 4.48 0.00	41.68 3.51 0.00	41.50 3.43 0.00	37.79 2.70 0.00	34.30 2.60 0.00	32.54 2.41 0.00
NEG NORTH_FLCN_SEA 23793	33.45 1.01 0.00	31.09 1.11 0.00	27.60 1.01 0.00	25.84 0.90 0.00	25.48 0.89 0.00	26.80 1.11 0.00	29.85 1.34 0.00	33.34 1.53 0.00	35.66 1.57 0.00	37.17 1.60 0.00	37.39 1.58 0.00	37.60 1.27 0.00	37.27 0.91 0.00	39.12 0.99 0.00	38.86 0.57 0.00	41.04 0.65 0.00	42.19 0.83 0.00	46.60 0.51 0.00	45.51 0.76 0.00	39.08 0.92 0.00	39.40 1.33 0.00	36.42 1.33 0.00	32.69 0.98 0.00	31.07 0.93 0.00
NEG NORTH_KES_CHATEGAY 23792	32.55 0.10 0.00	30.22 0.24 0.00	26.83 0.24 0.00	25.11 0.17 0.00	24.77 0.17 0.00	26.01 0.31 0.00	28.94 0.43 0.00	32.29 0.48 0.00	34.53 0.44 0.00	36.03 0.46 0.00	36.17 0.36 0.00	36.36 0.04 0.00	36.07 -0.29 0.00	37.82 -0.31 0.00	37.71 -0.57 0.00	39.71 -0.69 0.00	40.83 -0.54 0.00	45.17 -0.92 0.00	44.13 -0.63 0.00	37.90 -0.27 0.00	38.15 0.08 0.00	35.37 0.28 0.00	31.80 0.10 0.00	30.22 0.09 0.00
NEG NORTH___ALICE_FALLS 23915	33.32 0.88 0.00	31.00 1.02 0.00	27.49 0.90 0.00	25.74 0.80 0.00	25.38 0.79 0.00	26.70 1.00 0.00	29.76 1.25 0.00	33.21 1.40 0.00	35.52 1.43 0.00	37.03 1.46 0.00	37.21 1.40 0.00	37.41 1.09 0.00	37.09 0.73 0.00	38.89 0.76 0.00	38.63 0.34 0.00	40.84 0.44 0.00	42.03 0.66 0.00	46.37 0.28 0.00	45.33 0.58 0.00	38.89 0.73 0.00	39.29 1.22 0.00	36.28 1.19 0.00	32.56 0.86 0.00	30.95 0.81 0.00
NEG NORTH___LWR_SARANAC 23913	33.32 0.88 0.00	31.00 1.02 0.00	27.49 0.90 0.00	25.74 0.80 0.00	25.38 0.79 0.00	26.70 1.00 0.00	29.76 1.25 0.00	33.21 1.40 0.00	35.52 1.43 0.00	37.03 1.46 0.00	37.21 1.40 0.00	37.41 1.09 0.00	37.09 0.73 0.00	38.89 0.76 0.00	38.63 0.34 0.00	40.84 0.44 0.00	42.03 0.66 0.00	46.37 0.28 0.00	45.33 0.58 0.00	38.89 0.73 0.00	39.29 1.22 0.00	36.28 1.19 0.00	32.56 0.86 0.00	30.95 0.81 0.00
NEG NORTH___PLATTSBURG 23628	33.32 0.88 0.00	31.00 1.02 0.00	27.49 0.90 0.00	25.74 0.80 0.00	25.38 0.79 0.00	26.70 1.00 0.00	29.76 1.25 0.00	33.21 1.40 0.00	35.52 1.43 0.00	37.03 1.46 0.00	37.18 1.36 0.00	37.34 1.02 0.00	37.13 0.76 0.00	38.89 0.76 0.00	38.63 0.34 0.00	40.84 0.45 0.00	41.86 0.50 0.00	46.04 -0.05 0.00	45.33 0.58 0.00	38.89 0.72 0.00	39.02 0.95 0.00	36.28 1.19 0.00	32.56 0.86 0.00	30.95 0.81 0.00
NEG WEST_LEA_LOCKPORT 23791	32.12 -0.32 0.00	29.23 -0.75 0.00	26.19 -0.40 0.00	24.49 -0.45 0.00	24.03 -0.57 0.00	25.31 -0.39 0.00	27.91 -0.60 0.00	30.51 -1.30 0.00	32.39 -1.70 0.00	33.85 -1.71 0.01	34.85 -0.97 0.00	35.34 -0.98 0.00	35.60 -0.76 0.00	37.26 -0.88 -0.01	36.95 -1.34 -0.01	39.11 -1.29 -0.01	40.62 -0.74 0.00	44.85 -1.24 -0.01	43.77 -0.98 0.00	36.87 -1.30 0.00	36.85 -1.22 0.00	34.00 -1.09 0.00	30.50 -1.20 0.00	29.41 -0.72 0.00
NEG WEST___LANCASTR 23811	32.22 -0.23 0.00	29.29 -0.69 0.00	26.27 -0.32 0.00	24.56 -0.37 0.00	24.10 -0.49 0.00	25.37 -0.33 0.00	28.08 -0.43 0.00	30.89 -0.92 0.00	32.83 -1.26 0.00	34.32 -1.24 0.01	35.42 -0.39 0.00	36.14 -0.18 0.00	36.44 0.07 0.00	38.21 0.08 0.00	38.06 -0.23 0.00	40.28 -0.12 0.00	41.74 0.37 0.00	46.09 0.00 0.00	44.93 0.18 0.00	37.75 -0.42 0.00	37.61 -0.46 0.00	34.63 -0.46 0.00	31.07 -0.63 0.00	29.74 -0.39 0.00
NEG_PENN_ALLEGHNY 23528	33.05 0.55 -0.05	30.34 0.36 0.00	26.96 0.37 0.00	25.29 0.35 0.00	24.89 0.30 0.00	26.06 0.36 0.00	28.94 0.43 0.00	32.51 0.70 0.00	34.82 0.65 -0.08	36.42 0.71 -0.14	36.78 0.97 0.00	37.59 1.27 0.00	37.45 1.09 0.00	39.31 1.18 0.00	39.47 1.19 0.00	41.72 1.33 0.00	42.90 1.53 0.00	47.75 1.66 0.00	46.32 1.57 0.00	39.31 1.14 0.00	39.21 1.14 0.00	35.93 0.84 0.00	32.34 0.63 0.00	30.68 0.54 0.00
NEG___GEN_MONROE 24207	32.61 0.16 0.00	29.83 -0.15 0.00	26.56 -0.03 0.00	24.81 -0.12 0.00	24.37 -0.22 0.00	25.67 -0.03 0.00	28.42 -0.09 0.00	31.40 -0.41 0.00	33.48 -0.61 0.00	34.95 -0.60 0.01	35.67 -0.14 0.00	36.18 -0.15 0.00	36.36 0.00 0.00	38.01 -0.11 0.00	37.87 -0.42 0.00	40.15 -0.24 0.00	41.45 0.08 0.00	45.91 -0.18 0.00	44.75 0.00 0.00	37.82 -0.34 0.00	37.88 -0.19 0.00	34.91 -0.18 0.00	31.29 -0.41 0.00	29.98 -0.15 0.00
NEPA___ENERGY 23901	32.58 0.13 0.00	29.62 -0.36 0.00	26.59 0.00 0.00	24.84 -0.10 0.00	24.37 -0.22 0.00	25.65 -0.05 0.00	28.37 -0.14 0.00	31.40 -0.41 0.00	33.34 -0.75 0.00	34.85 -0.71 0.01	35.99 0.18 0.00	36.72 0.40 0.00	37.02 0.65 0.00	38.82 0.69 0.00	38.67 0.38 0.00	40.92 0.53 0.00	42.40 1.03 0.00	46.88 0.78 0.00	45.69 0.94 0.00	38.44 0.27 0.00	38.26 0.19 0.00	35.23 0.14 0.00	31.58 -0.13 0.00	30.16 0.03 0.00

NEVERSINK___HYD 23608	34.23 1.78 0.00	31.60 1.62 0.00	27.99 1.41 0.00	26.26 1.32 0.00	25.85 1.25 0.00	26.98 1.28 0.00	29.93 1.42 0.00	33.40 1.59 0.00	35.85 1.81 0.04	37.43 1.88 0.02	37.75 1.93 0.00	38.61 2.29 0.00	38.80 2.44 0.00	40.76 2.63 0.00	41.04 2.76 0.00	43.46 3.07 0.00	44.47 3.10 0.00	49.55 3.46 0.00	47.98 3.22 0.00	40.73 2.56 0.00	40.62 2.55 0.00	36.94 1.86 0.00	33.54 1.84 0.00	31.85 1.72 0.00
NEWKRMKL_115KV_TB1 55635	33.26 0.81 0.00	30.79 0.81 0.00	27.25 0.66 0.00	25.61 0.67 0.00	25.28 0.69 0.00	26.37 0.67 0.00	29.22 0.71 0.00	32.54 0.73 0.00	35.00 0.89 -0.03	36.47 0.89 -0.01	36.57 0.75 0.00	37.34 1.02 0.00	37.45 1.09 0.00	39.27 1.14 0.00	39.51 1.23 0.00	41.81 1.41 0.00	42.73 1.37 0.00	47.75 1.66 0.00	46.36 1.61 0.00	39.50 1.34 0.00	39.36 1.29 0.00	35.96 0.88 0.00	32.46 0.76 0.00	30.86 0.72 0.00
NEWTON___FALLS_HYD 23847	32.14 -0.36 -0.05	29.74 -0.24 0.00	26.35 -0.24 0.00	24.71 -0.22 0.00	24.40 -0.20 0.00	25.62 -0.08 0.00	28.54 0.03 0.00	31.81 0.00 0.00	34.03 -0.14 -0.08	35.52 -0.18 -0.13	35.35 -0.47 0.00	35.60 -0.73 0.00	35.34 -1.02 0.00	37.14 -0.99 0.00	37.10 -1.19 0.00	38.82 -1.58 0.00	39.96 -1.41 0.00	44.52 -1.57 0.00	43.41 -1.34 0.00	37.48 -0.69 0.00	37.65 -0.42 0.00	34.63 -0.46 0.00	31.17 -0.54 0.00	29.77 -0.36 0.00
NGRID_A1_DSASP 323792	31.31 -1.14 0.00	28.51 -1.47 0.00	25.55 -1.04 0.00	23.87 -1.07 0.00	23.41 -1.18 0.00	24.70 -1.00 0.00	27.20 -1.31 0.00	29.62 -2.19 0.00	31.47 -2.62 0.00	32.85 -2.70 0.01	33.77 -2.04 0.00	34.62 -1.71 0.00	34.55 -1.82 0.00	36.20 -1.91 0.03	36.08 -2.18 0.03	38.02 -2.34 0.03	39.46 -1.90 0.00	43.57 -2.49 0.03	42.56 -2.19 0.00	35.99 -2.17 0.00	35.90 -2.17 0.00	33.16 -1.93 0.00	29.71 -2.00 0.00	28.69 -1.45 0.00
NGRID_A2_DSASP 323793	31.31 -1.14 0.00	28.51 -1.47 0.00	25.55 -1.04 0.00	23.87 -1.07 0.00	23.41 -1.18 0.00	24.70 -1.00 0.00	27.20 -1.31 0.00	29.62 -2.19 0.00	31.47 -2.62 0.00	32.85 -2.70 0.01	33.77 -2.04 0.00	34.62 -1.71 0.00	34.55 -1.82 0.00	36.20 -1.91 0.03	36.08 -2.18 0.03	38.02 -2.34 0.03	39.46 -1.90 0.00	43.57 -2.49 0.03	42.56 -2.19 0.00	35.99 -2.17 0.00	35.90 -2.17 0.00	33.16 -1.93 0.00	29.71 -2.00 0.00	28.69 -1.45 0.00
NGRID_A4_DSASP 323807	31.31 -1.14 0.00	28.51 -1.47 0.00	25.55 -1.04 0.00	23.87 -1.07 0.00	23.41 -1.18 0.00	24.70 -1.00 0.00	27.20 -1.31 0.00	29.62 -2.19 0.00	31.47 -2.62 0.00	32.85 -2.70 0.01	33.77 -2.04 0.00	34.62 -1.71 0.00	34.55 -1.82 0.00	36.20 -1.91 0.03	36.08 -2.18 0.03	38.02 -2.34 0.03	39.46 -1.90 0.00	43.57 -2.49 0.03	42.56 -2.19 0.00	35.99 -2.17 0.00	35.90 -2.17 0.00	33.16 -1.93 0.00	29.71 -2.00 0.00	28.69 -1.45 0.00
NIAGARA_115E_LBMP 323715	31.60 -0.84 0.00	28.75 -1.23 0.00	25.79 -0.80 0.00	24.12 -0.82 0.00	23.69 -0.91 0.00	24.95 -0.75 0.00	27.45 -1.05 0.00	29.97 -1.85 0.00	31.81 -2.28 0.01	33.21 -2.35 0.01	34.13 -1.68 0.00	34.98 -1.34 0.00	34.94 -1.42 0.00	36.60 -1.53 0.00	36.49 -1.80 0.00	38.46 -1.94 0.00	39.92 -1.45 0.00	44.11 -1.98 0.00	43.05 -1.70 0.00	36.41 -1.76 0.00	36.28 -1.79 0.00	33.51 -1.58 0.00	29.99 -1.71 0.00	28.96 -1.18 0.00
NIAGARA_115W_LBMP 323714	31.22 -1.23 0.00	28.42 -1.56 0.00	25.49 -1.09 0.00	23.79 -1.15 0.00	23.37 -1.23 0.00	24.62 -1.08 0.00	27.11 -1.40 0.00	29.55 -2.26 0.00	31.36 -2.73 0.01	32.75 -2.81 0.01	33.67 -2.15 0.00	34.51 -1.82 0.00	34.43 -1.93 0.00	36.08 -2.02 0.02	35.97 -2.30 0.02	37.90 -2.47 0.02	39.34 -2.03 0.00	43.49 -2.58 0.02	42.42 -2.33 0.00	35.88 -2.29 0.00	35.79 -2.28 0.00	33.09 -2.00 0.00	29.61 -2.09 0.00	28.60 -1.54 0.00
NIAGARA_230_LBMP 323716	31.67 -0.78 0.00	28.84 -1.14 0.00	25.84 -0.74 0.00	24.14 -0.80 0.00	23.69 -0.91 0.00	24.98 -0.72 0.00	27.51 -1.00 0.00	30.00 -1.81 0.00	31.88 -2.22 0.01	33.28 -2.28 0.01	34.20 -1.61 0.00	35.05 -1.27 0.00	34.98 -1.38 0.00	36.68 -1.45 0.01	36.56 -1.72 0.01	38.57 -1.82 0.01	40.00 -1.36 0.00	44.24 -1.85 0.01	43.18 -1.57 0.00	36.53 -1.64 0.00	36.40 -1.67 0.00	33.61 -1.47 0.00	30.12 -1.58 0.00	29.05 -1.08 0.00
NIAGARA___115KV_198_GIBSON 55903	31.22 -1.23 0.00	28.42 -1.56 0.00	25.50 -1.09 0.00	23.79 -1.15 0.00	23.37 -1.23 0.00	24.59 -1.11 0.00	27.08 -1.43 0.00	29.55 -2.26 0.00	31.36 -2.73 0.01	32.79 -2.77 0.01	33.74 -2.08 0.00	34.18 -2.14 0.00	34.44 -1.93 0.00	36.05 -2.06 0.02	35.77 -2.49 0.02	37.83 -2.54 0.02	39.34 -2.03 0.00	43.39 -2.67 0.02	42.38 -2.37 0.00	35.76 -2.40 0.00	35.75 -2.32 0.00	33.01 -2.07 0.00	29.58 -2.12 0.00	28.60 -1.54 0.00
NIAGARA___ 23760	31.67 -0.78 0.00	28.84 -1.14 0.00	25.84 -0.74 0.00	24.14 -0.80 0.00	23.69 -0.91 0.00	24.98 -0.72 0.00	27.51 -1.00 0.00	30.00 -1.81 0.00	31.88 -2.22 0.01	33.28 -2.28 0.01	34.20 -1.61 0.00	35.05 -1.27 0.00	34.98 -1.38 0.00	36.67 -1.45 0.01	36.56 -1.72 0.01	38.57 -1.82 0.01	40.00 -1.36 0.00	44.24 -1.85 0.01	43.18 -1.57 0.00	36.53 -1.64 0.00	36.40 -1.67 0.00	33.61 -1.47 0.00	30.12 -1.58 0.00	29.05 -1.08 0.00
NINE_MILE_1 23575	30.79 -0.87 0.78	29.14 -0.84 0.00	25.87 -0.72 0.00	24.24 -0.70 0.00	23.93 -0.66 0.00	25.01 -0.69 0.00	27.74 -0.77 0.00	30.92 -0.89 0.00	31.89 -0.99 1.22	32.41 -1.03 2.13	34.88 -0.93 0.00	35.49 -0.83 0.00	35.49 -0.87 0.00	37.21 -0.92 0.00	37.37 -0.92 0.00	39.34 -1.05 0.00	40.37 -0.99 0.00	45.03 -1.06 0.00	43.68 -1.07 0.00	37.18 -0.99 0.00	37.08 -0.99 0.00	34.10 -0.98 0.00	30.82 -0.89 0.00	29.26 -0.87 0.00
NINE_MILE_2 23744	30.78 -0.87 0.79	29.14 -0.84 0.00	25.87 -0.72 0.00	24.24 -0.70 0.00	23.93 -0.66 0.00	25.01 -0.69 0.00	27.74 -0.77 0.00	30.92 -0.89 0.00	31.87 -0.99 1.23	32.38 -1.03 2.16	34.88 -0.93 0.00	35.49 -0.83 0.00	35.49 -0.87 0.00	37.21 -0.92 0.00	37.37 -0.92 0.00	39.34 -1.05 0.00	40.37 -0.99 0.00	45.03 -1.06 0.00	43.68 -1.07 0.00	37.18 -0.99 0.00	37.08 -0.99 0.00	34.10 -0.98 0.00	30.82 -0.89 0.00	29.26 -0.87 0.00
NM_CAPITAL___DRP 24208	33.32 0.88 0.00	30.82 0.84 0.00	27.30 0.72 0.00	25.66 0.72 0.00	25.33 0.74 0.00	26.42 0.72 0.00	29.25 0.74 0.00	32.61 0.80 0.00	35.04 0.92 -0.03	36.51 0.92 -0.01	36.60 0.79 0.00	37.38 1.05 0.00	37.49 1.13 0.00	39.31 1.18 0.00	39.55 1.26 0.00	41.85 1.45 0.00	42.77 1.41 0.00	47.80 1.71 0.00	46.41 1.66 0.00	39.54 1.37 0.00	39.40 1.33 0.00	36.00 0.91 0.00	32.53 0.82 0.00	30.92 0.78 0.00
NM_CENTRAL___DRP 24181	32.39 -0.13 -0.08	29.80 -0.18 0.00	26.45 -0.13 0.00	24.79 -0.15 0.00	24.45 -0.15 0.00	25.57 -0.13 0.00	28.39 -0.11 0.00	31.68 -0.13 0.00	34.01 -0.20 -0.12	35.56 -0.21 -0.20	35.74 -0.07 0.00	36.36 0.04 0.00	36.40 0.04 0.00	38.17 0.04 0.00	38.29 0.00 0.00	40.55 0.16 0.00	41.65 0.29 0.00	46.23 0.14 0.00	44.84 0.09 0.00	38.09 -0.08 0.00	37.99 -0.08 0.00	34.94 -0.14 0.00	31.55 -0.16 0.00	29.92 -0.21 0.00

NM_FRONTIER___DRP 24179	31.22 -1.23 0.00	28.42 -1.56 0.00	25.50 -1.09 0.00	23.79 -1.15 0.00	23.37 -1.23 0.00	24.59 -1.11 0.00	27.08 -1.43 0.00	29.55 -2.26 0.00	31.36 -2.73 0.00	32.79 -2.77 0.01	33.74 -2.08 0.00	34.18 -2.14 0.00	34.44 -1.93 0.00	36.05 -2.06 0.02	35.77 -2.49 0.02	37.83 -2.54 0.02	39.34 -2.03 0.00	43.39 -2.67 0.02	42.38 -2.37 0.00	35.76 -2.40 0.00	35.75 -2.32 0.00	33.01 -2.07 0.00	29.58 -2.12 0.00	28.60 -1.54 0.00
NM_ST_REGIS___HYD 24053	31.98 -0.49 -0.02	29.65 -0.33 0.00	26.32 -0.27 0.00	24.66 -0.27 0.00	24.35 -0.25 0.00	25.57 -0.13 0.00	28.45 -0.06 0.00	31.75 -0.06 0.00	33.96 -0.17 -0.04	35.46 -0.18 -0.07	35.24 -0.57 0.00	35.27 -1.05 0.00	34.87 -1.49 0.00	36.56 -1.56 0.00	36.49 -1.80 0.00	38.05 -2.34 0.00	39.21 -2.15 0.00	43.46 -2.63 0.00	42.38 -2.37 0.00	36.83 -1.34 0.00	37.08 -0.99 0.00	34.35 -0.74 0.00	30.94 -0.76 0.00	29.68 -0.45 0.00
NORTHPORT___1 23551	38.17 2.50 -3.22	37.35 2.40 -4.97	35.84 2.05 -7.21	28.75 1.95 -1.86	29.40 1.89 -2.91	32.64 1.93 -5.02	33.11 2.20 -2.41	37.39 2.64 -2.94	38.09 2.83 -1.17	38.45 2.81 -0.07	33.95 2.40 4.26	33.95 3.09 5.46	33.95 3.24 5.65	33.95 3.47 7.65	33.98 3.29 7.60	34.13 4.12 10.38	34.37 4.18 11.17	40.33 4.38 10.14	39.17 4.25 9.84	35.23 3.24 6.18	34.07 3.16 7.15	37.57 2.60 0.11	33.96 2.25 0.00	32.94 2.80 0.00
NORTHPORT___2 23552	38.17 2.50 -3.22	37.35 2.40 -4.97	35.84 2.05 -7.21	28.75 1.95 -1.86	29.40 1.89 -2.91	32.64 1.93 -5.02	33.11 2.20 -2.41	37.39 2.64 -2.94	38.09 2.83 -1.17	38.45 2.81 -0.07	33.95 2.40 4.26	33.95 3.09 5.46	33.95 3.24 5.65	33.95 3.47 7.65	33.98 3.29 7.60	33.95 4.12 10.57	33.95 4.18 11.59	34.10 4.38 16.37	34.28 4.25 14.73	34.25 3.24 7.16	34.07 3.16 7.15	34.10 2.60 3.58	33.96 2.25 0.00	32.94 2.80 0.00
NORTHPORT___3 23553	37.91 2.24 -3.22	37.14 2.19 -4.97	35.68 1.89 -7.21	28.55 1.75 -1.86	29.18 1.67 -2.91	32.46 1.75 -5.02	32.89 1.97 -2.41	37.14 2.39 -2.94	37.82 2.56 -1.17	38.12 2.49 -0.06	33.94 2.40 4.27	33.99 3.09 5.42	33.96 3.24 5.64	33.87 3.39 7.65	34.17 3.45 7.56	34.48 4.12 10.04	34.36 4.22 11.23	34.18 4.47 16.38	34.18 4.16 14.73	34.21 3.21 7.16	33.99 3.08 7.16	33.99 2.49 3.59	33.82 2.12 0.01	32.39 2.26 0.00
NORTHPORT___4 23650	37.91 2.24 -3.22	37.14 2.19 -4.97	35.68 1.89 -7.21	28.55 1.75 -1.86	29.18 1.67 -2.91	32.46 1.75 -5.02	32.89 1.97 -2.41	37.14 2.39 -2.94	37.82 2.56 -1.17	38.12 2.49 -0.06	33.94 2.40 4.27	33.99 3.09 5.42	33.96 3.24 5.64	33.87 3.39 7.65	34.17 3.45 7.56	34.48 4.12 10.04	34.36 4.22 11.23	34.18 4.47 16.38	34.18 4.16 14.73	34.21 3.21 7.16	33.99 3.08 7.16	33.99 2.49 3.59	33.82 2.12 0.01	32.39 2.26 0.00
NORTHPORT___IC 23718	38.24 2.56 -3.22	37.35 2.40 -4.97	35.84 2.05 -7.21	28.75 1.95 -1.86	29.40 1.89 -2.91	32.64 1.93 -5.02	33.14 2.22 -2.41	37.39 2.64 -2.94	38.13 2.86 -1.17	38.52 2.88 -0.07	33.91 2.36 4.26	33.95 3.09 5.46	34.02 3.31 5.65	33.95 3.47 7.65	34.44 3.75 7.60	34.03 4.20 10.57	33.90 4.14 11.60	34.28 4.56 16.37	34.28 4.25 14.73	34.37 3.36 7.16	34.04 3.12 7.15	34.10 2.60 3.58	34.08 2.38 0.00	32.94 2.80 0.00
NORTH___COUNTRY_ESR 323785	32.48 0.03 0.00	30.16 0.18 0.00	26.75 0.16 0.00	25.06 0.13 0.00	24.72 0.12 0.00	25.93 0.23 0.00	28.85 0.34 0.00	32.22 0.41 0.00	34.47 0.38 0.00	35.96 0.39 0.00	36.10 0.29 0.00	36.22 -0.11 0.00	36.07 -0.29 0.00	37.75 -0.38 0.00	37.67 -0.61 0.00	39.71 -0.69 0.00	40.66 -0.70 0.00	44.89 -1.20 0.00	43.99 -0.76 0.00	37.79 -0.38 0.00	37.76 -0.31 0.00	35.23 0.14 0.00	31.70 0.00 0.00	30.13 0.00 0.00
NPX_GEN_1385_PROXY 323591	37.55 1.88 -3.22	36.60 1.65 -4.97	34.00 1.28 -6.14	28.40 1.60 -1.86	29.06 1.55 -2.91	32.00 1.28 -5.02	32.63 1.71 -2.41	36.66 1.91 -2.94	37.51 2.25 -1.17	37.77 2.13 -0.07	33.95 2.40 4.26	33.95 3.09 5.46	33.80 3.09 5.65	33.84 3.36 7.65	33.79 3.10 7.60	33.61 5.01 11.79	36.62 5.13 9.87	39.10 4.29 11.28	39.30 5.28 10.73	35.93 4.12 6.36	34.30 3.39 7.15	36.70 2.35 0.74	33.51 1.81 0.00	32.76 2.62 0.00
NPX_GEN_CSC 323557	38.24 2.56 -3.22	37.23 2.28 -4.97	35.84 2.05 -7.21	28.67 1.87 -1.86	29.30 1.79 -2.91	32.62 1.90 -5.02	33.06 2.14 -2.41	37.33 2.58 -2.94	38.13 2.86 -1.17	38.52 2.88 -0.07	38.75 2.94 0.00	40.30 3.63 -0.34	40.25 3.78 -0.10	42.17 4.04 0.00	42.63 4.10 -0.25	47.93 5.05 -2.49	60.94 4.96 -14.61	63.99 5.85 -12.05	50.35 5.59 -0.01	42.34 4.16 -0.01	42.34 4.26 -0.01	38.14 3.05 0.00	34.15 2.44 0.00	32.91 2.77 0.00
NSINS_S_GLNS_FALLS 23858	34.65 2.21 0.00	32.17 2.19 0.00	28.31 1.73 0.00	26.58 1.65 0.00	26.27 1.67 0.00	27.52 1.82 0.00	30.70 2.20 0.00	34.01 2.20 0.00	36.61 2.49 -0.03	38.07 2.49 -0.01	37.89 2.08 0.00	38.65 2.32 0.00	38.69 2.33 0.00	40.34 2.21 0.00	40.62 2.34 0.00	42.90 2.50 0.00	43.85 2.48 0.00	49.36 3.27 0.00	48.47 3.71 0.00	41.26 3.09 0.00	41.42 3.35 0.00	37.72 2.63 0.00	33.73 2.03 0.00	32.03 1.90 0.00
NUCOR_STEEL___DRP 24197	32.93 0.36 -0.12	30.22 0.24 0.00	26.83 0.24 0.00	25.11 0.17 0.00	24.77 0.17 0.00	25.93 0.23 0.00	28.79 0.29 0.00	32.10 0.29 0.00	34.49 0.20 -0.20	36.11 0.21 -0.33	36.21 0.39 0.00	36.87 0.54 0.00	36.91 0.55 0.00	38.62 0.50 0.00	38.78 0.50 0.00	41.73 1.33 0.00	42.89 1.53 0.00	46.64 0.55 0.00	45.20 0.45 0.00	38.36 0.19 0.00	38.34 0.27 0.00	35.23 0.14 0.00	31.80 0.10 0.00	30.13 0.00 0.00
NUMBER_THREE_WT_PWR 323818	32.79 0.29 -0.06	30.28 0.30 0.00	26.82 0.24 0.00	25.16 0.22 0.00	24.84 0.25 0.00	26.09 0.39 0.00	29.02 0.51 0.00	32.39 0.57 0.00	34.65 0.48 -0.08	36.17 0.46 -0.14	36.14 0.32 0.00	36.65 0.33 0.00	36.58 0.22 0.00	38.40 0.27 0.00	38.44 0.15 0.00	40.39 0.00 0.00	41.49 0.12 0.00	46.37 0.28 0.00	45.20 0.45 0.00	38.74 0.57 0.00	38.79 0.72 0.00	35.54 0.45 0.00	31.93 0.22 0.00	30.35 0.21 0.00
NYISO_LBMP_REFERENCE 24008	32.45 0.00 0.00	29.98 0.00 0.00	26.59 0.00 0.00	24.94 0.00 0.00	24.60 0.00 0.00	25.70 0.00 0.00	28.51 0.00 0.00	31.81 0.00 0.00	34.09 0.00 0.00	35.57 0.00 0.00	35.81 0.00 0.00	36.32 0.00 0.00	36.36 0.00 0.00	38.13 0.00 0.00	38.29 0.00 0.00	40.39 0.00 0.00	41.36 0.00 0.00	46.09 0.00 0.00	44.75 0.00 0.00	38.17 0.00 0.00	38.07 0.00 0.00	35.08 0.00 0.00	31.70 0.00 0.00	30.13 0.00 0.00
NYPA_BRENTWD____GT 24164	38.82 3.15 -3.22	37.83 2.88 -4.97	36.29 2.50 -7.21	29.12 2.32 -1.86	29.77 2.26 -2.91	33.08 2.36 -5.02	33.57 2.65 -2.41	37.87 3.12 -2.94	38.67 3.41 -1.17	39.09 3.45 -0.07	39.15 3.33 0.00	40.78 4.03 -0.43	40.69 4.18 -0.15	42.62 4.46 -0.03	44.62 4.29 -2.04	49.99 5.09 -4.50	60.26 5.21 -13.68	63.70 5.57 -12.04	50.12 5.37 0.00	42.37 4.20 0.00	42.18 4.11 0.00	38.59 3.47 -0.03	34.62 2.91 0.00	33.42 3.29 0.00

NYPA_GOWANUS____GT5 24156	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.94 3.31 -0.07	40.72 3.33 -1.57	43.67 3.92 -3.42	45.73 4.11 -5.26	71.08 4.31 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	67.45 4.92 -17.78	67.47 4.12 -25.18	100.26 3.96 -58.23	59.64 3.37 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
NYPA_GOWANUS____GT6 24157	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.89 0.00	26.42 1.82 0.00	27.57 1.88 0.00	30.65 2.14 0.00	34.61 2.80 0.00	51.56 3.13 -14.33	38.94 3.31 -0.07	40.72 3.33 -1.57	43.67 3.92 -3.42	45.73 4.11 -5.26	71.08 4.31 -28.65	71.17 4.44 -28.44	80.50 4.89 -35.22	67.47 4.92 -21.19	126.37 5.21 -75.08	67.45 4.92 -17.78	67.47 4.12 -25.18	100.26 3.96 -58.23	59.64 3.37 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98
NYPA_HARLEM__RVR__GT1 24160	35.17 2.73 0.00	32.54 2.55 -0.01	28.63 2.05 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.50 1.80 0.00	30.56 2.05 0.00	34.42 2.61 0.00	37.11 2.86 -0.15	38.65 3.02 -0.06	38.80 3.11 0.13	40.16 3.60 -0.24	40.31 3.78 -0.16	42.12 4.00 0.01	42.41 4.06 -0.07	44.88 4.48 -0.01	45.87 4.51 0.00	50.88 4.79 0.00	49.27 4.52 0.00	41.91 3.74 0.00	41.69 3.62 0.00	38.18 3.09 -0.01	34.73 3.01 -0.01	32.94 2.80 -0.01
NYPA_HARLEM__RVR__GT2 24161	35.17 2.73 0.00	32.54 2.55 -0.01	28.63 2.05 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.50 1.80 0.00	30.56 2.05 0.00	34.42 2.61 0.00	37.11 2.86 -0.15	38.65 3.02 -0.06	38.80 3.11 0.13	40.16 3.60 -0.24	40.31 3.78 -0.16	42.12 4.00 0.01	42.41 4.06 -0.07	44.88 4.48 -0.01	45.87 4.51 0.00	50.88 4.79 0.00	49.27 4.52 0.00	41.91 3.74 0.00	41.69 3.62 0.00	38.18 3.09 -0.01	34.73 3.01 -0.01	32.94 2.80 -0.01
NYPA_KENT____GT 24152	35.18 2.73 -0.01	32.48 2.49 -0.01	28.66 2.08 0.00	26.78 1.85 0.00	26.39 1.79 0.00	27.55 1.85 0.00	30.62 2.11 0.00	34.55 2.74 0.00	46.46 3.10 -9.27	38.91 3.27 -0.07	40.65 3.26 -1.57	43.13 3.81 -2.99	44.27 4.00 -3.91	56.00 4.19 -13.68	59.17 4.33 -16.56	65.29 4.72 -20.17	58.25 4.75 -12.13	94.10 5.02 -42.98	49.53 4.74 -0.03	42.11 3.97 0.03	41.88 3.84 0.03	38.42 3.26 -0.07	34.85 3.07 -0.07	37.54 2.83 -4.57
NYPA_POUCH1____GT 24155	35.16 2.69 -0.02	32.51 2.52 -0.01	28.66 2.08 0.00	26.78 1.85 0.00	26.37 1.77 0.00	27.50 1.80 0.00	30.53 2.02 0.00	34.51 2.70 0.00	51.42 3.00 -14.33	38.84 3.20 -0.07	40.61 3.22 -1.57	43.56 3.81 -3.42	45.66 4.04 -5.26	71.01 4.23 -28.65	71.09 4.36 -28.44	80.42 4.80 -35.22	67.39 4.84 -21.19	126.33 5.16 -75.08	67.94 4.88 -18.31	67.39 4.04 -25.18	100.22 3.92 -58.23	59.61 3.33 -21.19	34.89 3.07 -0.11	40.95 2.83 -7.98
NYPA_VERNON____GT2 24162	35.08 2.63 0.00	32.42 2.43 -0.01	28.61 2.02 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.52 1.82 0.00	30.59 2.08 0.00	34.51 2.70 0.00	41.33 3.03 -4.21	38.84 3.20 -0.07	40.61 3.22 -1.57	42.62 3.74 -2.56	42.81 3.89 -2.55	45.92 4.12 -3.67	47.22 4.25 -4.68	50.16 4.64 -5.12	49.07 4.63 -3.07	61.91 4.93 -10.89	49.37 4.61 -0.01	42.01 3.85 0.01	41.79 3.73 0.01	38.27 3.16 -0.02	34.74 3.01 -0.02	34.04 2.74 -1.17
NYPA_VERNON____GT3 24163	35.08 2.63 0.00	32.42 2.43 -0.01	28.61 2.02 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.52 1.82 0.00	30.59 2.08 0.00	34.51 2.70 0.00	41.33 3.03 -4.21	38.84 3.20 -0.07	40.61 3.22 -1.57	42.62 3.74 -2.56	42.81 3.89 -2.55	45.92 4.12 -3.67	47.22 4.25 -4.68	50.16 4.64 -5.12	49.07 4.63 -3.07	61.91 4.93 -10.89	49.37 4.61 -0.01	42.01 3.85 0.01	41.79 3.73 0.01	38.27 3.16 -0.02	34.74 3.01 -0.02	34.04 2.74 -1.17
NYPA__ASTORIA_CC1 323568	35.05 2.60 0.00	32.39 2.40 -0.01	28.58 1.99 0.00	26.71 1.77 0.00	26.32 1.72 0.00	27.47 1.77 0.00	30.53 2.02 0.00	34.45 2.64 0.00	39.22 2.96 -2.17	38.77 3.13 -0.07	40.54 3.15 -1.57	42.40 3.67 -2.41	42.21 3.82 -2.03	42.44 4.04 -0.27	43.07 4.14 -0.65	44.93 4.52 -0.02	45.91 4.55 0.00	50.88 4.79 0.00	49.27 4.52 0.00	41.98 3.82 0.00	41.72 3.66 0.00	38.21 3.12 -0.01	34.66 2.95 -0.01	32.86 2.71 -0.01
NYPA__ASTORIA_CC2 323569	35.05 2.60 0.00	32.39 2.40 -0.01	28.58 1.99 0.00	26.71 1.77 0.00	26.32 1.72 0.00	27.47 1.77 0.00	30.53 2.02 0.00	34.45 2.64 0.00	39.22 2.96 -2.17	38.77 3.13 -0.07	40.54 3.15 -1.57	42.40 3.67 -2.41	42.21 3.82 -2.03	42.44 4.04 -0.27	43.07 4.14 -0.65	44.93 4.52 -0.02	45.91 4.55 0.00	50.88 4.79 0.00	49.27 4.52 0.00	41.98 3.82 0.00	41.72 3.66 0.00	38.21 3.12 -0.01	34.66 2.95 -0.01	32.86 2.71 -0.01
NYPA__HOLTSVILL 23794	38.40 2.73 -3.22	37.44 2.49 -4.97	36.00 2.21 -7.21	28.85 2.05 -1.86	29.48 1.97 -2.91	32.75 2.03 -5.02	33.20 2.28 -2.41	37.49 2.74 -2.94	38.23 2.96 -1.17	38.62 2.99 -0.07	38.75 2.94 0.00	40.26 3.60 -0.34	40.21 3.75 -0.10	42.13 4.00 0.00	42.50 3.98 -0.23	48.97 4.76 -3.82	59.41 4.84 -13.20	63.43 5.30 -12.05	49.86 5.10 -0.01	42.11 3.93 -0.01	41.96 3.89 -0.01	38.11 3.02 0.00	34.27 2.57 0.00	33.06 2.92 0.00
NYPA__HELLGATE_GT1 24158	35.17 2.73 0.00	32.54 2.55 -0.01	28.63 2.05 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.50 1.80 0.00	30.56 2.05 0.00	34.42 2.61 0.00	37.11 2.86 -0.15	38.65 3.02 -0.06	39.09 3.11 -0.16	39.72 3.60 0.20	40.01 3.78 0.13	42.16 4.00 -0.03	42.30 4.06 0.05	44.88 4.48 -0.01	45.87 4.51 0.00	50.88 4.79 0.00	49.27 4.52 0.00	41.91 3.74 0.00	41.69 3.62 0.00	38.18 3.09 -0.01	34.73 3.01 -0.01	32.94 2.80 -0.01
NYPA__HELLGATE_GT2 24159	35.17 2.73 0.00	32.54 2.55 -0.01	28.63 2.05 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.50 1.80 0.00	30.56 2.05 0.00	34.42 2.61 0.00	37.11 2.86 -0.15	38.65 3.02 -0.06	39.09 3.11 -0.16	39.72 3.60 0.20	40.01 3.78 0.13	42.16 4.00 -0.03	42.30 4.06 0.05	44.88 4.48 -0.01	45.87 4.51 0.00	50.88 4.79 0.00	49.27 4.52 0.00	41.91 3.74 0.00	41.69 3.62 0.00	38.18 3.09 -0.01	34.73 3.01 -0.01	32.94 2.80 -0.01
NYS_BARGE____HYD 23848	32.16 -0.29 0.00	29.26 -0.72 0.00	26.21 -0.37 0.00	24.49 -0.45 0.00	24.05 -0.54 0.00	25.36 -0.33 0.00	27.94 -0.57 0.00	30.57 -1.24 0.00	32.42 -1.67 0.00	33.89 -1.67 0.01	34.81 -1.00 0.00	35.71 -0.62 0.00	35.64 -0.73 0.00	37.37 -0.76 -0.01	37.22 -1.07 -0.01	39.23 -1.17 -0.01	40.70 -0.66 0.00	44.99 -1.11 -0.01	43.90 -0.85 0.00	37.06 -1.11 0.00	36.96 -1.11 0.00	34.10 -0.98 0.00	30.53 -1.17 0.00	29.41 -0.72 0.00
OAK ORCHARD____HYD 24046	32.48 0.03 0.00	29.74 -0.24 0.00	26.48 -0.11 0.00	24.76 -0.17 0.00	24.35 -0.25 0.00	25.62 -0.08 0.00	28.34 -0.17 0.00	31.34 -0.48 0.00	33.44 -0.65 0.00	34.92 -0.64 0.01	35.60 -0.21 0.00	36.36 0.04 0.00	36.33 -0.04 0.00	38.01 -0.11 0.00	37.98 -0.31 0.00	40.15 -0.24 0.00	41.45 0.08 0.00	45.95 -0.14 0.00	44.71 -0.04 0.00	37.86 -0.31 0.00	37.81 -0.26 0.00	34.80 -0.28 0.00	31.20 -0.51 0.00	29.77 -0.36 0.00

OAKDALE___35_KV_LOAD 356122	32.89 0.39 -0.05	30.19 0.21 0.00	26.85 0.27 0.00	25.16 0.22 0.00	24.77 0.17 0.00	25.93 0.23 0.00	28.76 0.26 0.00	32.32 0.51 0.00	34.65 0.48 -0.08	36.21 0.50 -0.14	36.57 0.75 0.00	37.30 0.98 0.00	37.27 0.91 0.00	39.08 0.95 0.00	39.21 0.92 0.00	41.52 1.13 0.00	42.69 1.32 0.00	47.47 1.38 0.00	46.09 1.34 0.00	39.12 0.95 0.00	38.98 0.91 0.00	35.75 0.67 0.00	32.21 0.51 0.00	30.59 0.45 0.00
OCC_CHEM___DRP 24175	31.31 -1.14 0.00	28.51 -1.47 0.00	25.55 -1.04 0.00	23.87 -1.07 0.00	23.41 -1.18 0.00	24.67 -1.03 0.00	27.17 -1.34 0.00	29.62 -2.20 0.00	31.47 -2.63 0.00	32.89 -2.67 0.01	33.81 -2.01 0.00	34.29 -2.03 0.00	34.54 -1.82 0.00	36.12 -1.98 0.03	35.85 -2.41 0.03	37.94 -2.42 0.03	39.42 -1.94 0.00	43.48 -2.58 0.03	42.47 -2.28 0.00	35.84 -2.33 0.00	35.82 -2.25 0.00	33.09 -2.00 0.00	29.67 -2.03 0.00	28.69 -1.45 0.00
OH_GEN_PROXY 24063	31.67 -0.78 0.00	28.84 -1.14 0.00	25.84 -0.74 0.00	24.14 -0.80 0.00	23.71 -0.88 0.00	24.98 -0.72 0.00	25.88 -1.00 1.63	28.49 -1.75 1.57	28.99 -2.15 2.95	30.61 -2.21 2.75	31.43 -1.58 2.81	32.98 -1.20 2.15	34.66 -1.31 0.40	36.75 -1.37 0.00	36.68 -1.61 0.00	37.32 -1.69 1.38	41.50 -1.24 -1.38	44.38 -1.70 0.00	43.32 -1.43 0.00	36.64 -1.53 0.00	36.51 -1.56 0.00	33.72 -1.37 0.00	30.18 -1.52 0.00	29.08 -1.06 0.00
OLIN_CORP_DRP 24177	31.67 -0.78 0.00	28.81 -1.17 0.00	25.82 -0.77 0.00	24.14 -0.80 0.00	23.71 -0.89 0.00	24.95 -0.75 0.00	27.48 -1.03 0.00	30.00 -1.81 0.00	31.84 -2.25 0.00	33.28 -2.28 0.01	34.24 -1.58 0.00	34.73 -1.60 0.00	34.98 -1.38 0.00	36.60 -1.53 0.00	36.34 -1.95 0.00	38.42 -1.98 0.00	39.96 -1.41 0.00	44.06 -2.03 0.00	43.05 -1.70 0.00	36.30 -1.87 0.00	36.28 -1.79 0.00	33.47 -1.61 0.00	30.02 -1.68 0.00	28.99 -1.15 0.00
OLIN_CORP_DSASP 323712	31.31 -1.14 0.00	28.51 -1.47 0.00	25.55 -1.04 0.00	23.87 -1.07 0.00	23.41 -1.18 0.00	24.70 -1.00 0.00	27.20 -1.31 0.00	29.62 -2.19 0.00	31.47 -2.62 0.00	32.85 -2.70 0.01	33.77 -2.04 0.00	34.62 -1.71 0.00	34.55 -1.82 0.00	36.20 -1.91 0.03	36.08 -2.18 0.03	38.02 -2.34 0.03	39.46 -1.90 0.00	43.57 -2.49 0.03	42.56 -2.19 0.00	35.99 -2.17 0.00	35.90 -2.17 0.00	33.16 -1.93 0.00	29.71 -2.00 0.00	28.69 -1.45 0.00
ONEIDA_HERK_LFGE 323681	33.13 0.65 -0.03	30.61 0.63 0.00	27.12 0.53 0.00	25.44 0.50 0.00	25.09 0.49 0.00	26.32 0.62 0.00	29.25 0.74 0.00	32.64 0.83 0.00	34.99 0.85 -0.04	36.53 0.89 -0.07	36.67 0.86 0.00	37.27 0.94 0.00	37.27 0.91 0.00	39.16 1.03 0.00	39.24 0.96 0.00	41.32 0.93 0.00	42.40 1.03 0.00	47.33 1.24 0.00	46.00 1.25 0.00	39.28 1.11 0.00	39.29 1.22 0.00	35.96 0.88 0.00	32.34 0.63 0.00	30.71 0.57 0.00
ONEIDA___115KV_TB4 55905	33.46 0.97 -0.04	30.85 0.87 0.00	27.36 0.77 0.00	25.64 0.70 0.00	25.28 0.69 0.00	26.52 0.82 0.00	29.45 0.94 0.00	32.86 1.05 0.00	35.37 1.23 -0.05	36.97 1.32 -0.09	37.14 1.33 0.00	37.81 1.49 0.00	37.89 1.53 0.00	39.80 1.68 0.00	39.93 1.65 0.00	42.13 1.74 0.00	43.06 1.70 0.00	48.03 1.94 0.00	46.63 1.88 0.00	39.69 1.53 0.00	39.67 1.60 0.00	36.31 1.23 0.00	32.66 0.95 0.00	30.98 0.84 0.00
ONONDAGA_REF_OCCRA 23987	32.54 0.00 -0.09	29.92 -0.06 0.00	26.53 -0.05 0.00	24.86 -0.07 0.00	24.52 -0.07 0.00	25.65 -0.05 0.00	28.51 0.00 0.00	31.81 0.00 0.00	34.20 -0.03 -0.14	35.77 -0.04 -0.24	35.92 0.11 0.00	36.54 0.22 0.00	36.58 0.22 0.00	38.36 0.23 0.00	38.52 0.23 0.00	40.88 0.48 0.00	41.98 0.62 0.00	46.50 0.41 0.00	45.11 0.36 0.00	38.32 0.15 0.00	38.22 0.15 0.00	35.16 0.07 0.00	31.70 0.00 0.00	30.07 -0.06 0.00
ONONDAGA___COGEN 23986	32.65 0.06 -0.14	29.98 0.00 0.00	26.59 0.00 0.00	24.91 -0.02 0.00	24.57 -0.02 0.00	25.70 0.00 0.00	28.54 0.03 0.00	31.84 0.03 0.00	34.28 -0.03 -0.22	35.94 0.00 -0.37	35.96 0.14 0.00	36.58 0.25 0.00	36.62 0.25 0.00	38.39 0.27 0.00	38.52 0.23 0.00	41.24 0.85 0.00	42.40 1.03 0.00	46.32 0.23 0.00	44.89 0.13 0.00	38.13 -0.04 0.00	38.07 0.00 0.00	34.98 -0.11 0.00	31.58 -0.13 0.00	29.95 -0.18 0.00
ONTARIO___LFGE 23819	33.05 0.55 -0.05	30.28 0.30 0.00	26.91 0.32 0.00	25.19 0.25 0.00	24.79 0.20 0.00	26.09 0.39 0.00	28.99 0.48 0.00	32.20 0.38 0.00	34.41 0.24 -0.07	35.94 0.25 -0.12	36.42 0.61 0.00	37.23 0.91 0.00	37.20 0.84 0.00	38.77 0.65 0.00	38.82 0.54 0.00	41.24 0.85 0.00	42.52 1.16 0.00	46.96 0.87 0.00	45.60 0.85 0.00	38.59 0.42 0.00	38.53 0.46 0.00	35.54 0.45 0.00	31.93 0.22 0.00	30.29 0.15 0.00
ORANGEVILLE_WT_PWR 323706	32.51 0.07 0.00	29.62 -0.36 0.00	26.51 -0.08 0.00	24.79 -0.15 0.00	24.35 -0.25 0.00	25.65 -0.05 0.00	28.37 -0.14 0.00	31.21 -0.61 0.00	33.14 -0.95 0.00	34.60 -0.96 0.01	35.53 -0.29 0.00	36.51 0.18 0.00	36.47 0.11 0.00	38.24 0.11 0.00	38.17 -0.11 0.00	40.27 -0.12 0.00	41.66 0.29 0.00	46.14 0.05 0.00	44.93 0.18 0.00	37.94 -0.23 0.00	37.76 -0.31 0.00	34.77 -0.32 0.00	31.16 -0.54 0.00	29.83 -0.30 0.00
ORANGEVILLE___ESR 323794	32.51 0.07 0.00	29.62 -0.36 0.00	26.51 -0.08 0.00	24.79 -0.15 0.00	24.35 -0.25 0.00	25.65 -0.05 0.00	28.37 -0.14 0.00	31.21 -0.61 0.00	33.14 -0.95 0.00	34.60 -0.96 0.01	35.53 -0.29 0.00	36.51 0.18 0.00	36.47 0.11 0.00	38.24 0.11 0.00	38.17 -0.11 0.00	40.27 -0.12 0.00	41.66 0.29 0.00	46.14 0.05 0.00	44.93 0.18 0.00	37.94 -0.23 0.00	37.76 -0.31 0.00	34.77 -0.32 0.00	31.16 -0.54 0.00	29.83 -0.30 0.00
OSWEGATCHIE___HYD 24044	32.14 -0.36 -0.05	29.74 -0.24 0.00	26.35 -0.24 0.00	24.71 -0.22 0.00	24.40 -0.20 0.00	25.62 -0.08 0.00	28.54 0.03 0.00	31.81 0.00 0.00	34.03 -0.14 -0.08	35.52 -0.18 -0.13	35.35 -0.47 0.00	35.56 -0.76 0.00	35.38 -0.98 0.00	37.10 -1.03 0.00	37.10 -1.19 0.00	38.86 -1.53 0.00	39.92 -1.45 0.00	44.43 -1.66 0.00	43.41 -1.34 0.00	37.48 -0.69 0.00	37.46 -0.61 0.00	34.63 -0.46 0.00	31.16 -0.54 0.00	29.77 -0.36 0.00
OSWEGO___5 23606	32.41 -0.62 -0.58	29.38 -0.60 0.00	26.08 -0.51 0.00	24.44 -0.50 0.00	24.10 -0.49 0.00	25.21 -0.49 0.00	27.97 -0.54 0.00	31.18 -0.64 0.00	34.28 -0.72 -0.91	36.38 -0.75 -1.57	35.17 -0.64 0.00	35.82 -0.51 0.00	35.78 -0.58 0.00	37.56 -0.57 0.00	37.67 -0.61 0.00	39.59 -0.81 0.00	40.58 -0.79 0.00	45.35 -0.74 0.00	44.03 -0.72 0.00	37.44 -0.73 0.00	37.39 -0.68 0.00	34.35 -0.74 0.00	31.01 -0.70 0.00	29.47 -0.66 0.00
OSWEGO___6 23613	32.41 -0.62 -0.58	29.38 -0.60 0.00	26.08 -0.51 0.00	24.44 -0.50 0.00	24.10 -0.49 0.00	25.21 -0.49 0.00	27.97 -0.54 0.00	31.18 -0.64 0.00	34.28 -0.72 -0.91	36.38 -0.75 -1.57	35.17 -0.64 0.00	35.82 -0.51 0.00	35.78 -0.58 0.00	37.56 -0.57 0.00	37.67 -0.61 0.00	39.59 -0.81 0.00	40.58 -0.79 0.00	45.35 -0.74 0.00	44.03 -0.72 0.00	37.44 -0.73 0.00	37.39 -0.68 0.00	34.35 -0.74 0.00	31.01 -0.70 0.00	29.47 -0.66 0.00

OUTOKUMPU-AB___DRP 24206	32.32 -0.13 0.00	29.38 -0.60 0.00	26.32 -0.27 0.00	24.61 -0.32 0.00	24.15 -0.44 0.00	25.44 -0.26 0.00	28.05 -0.46 0.00	30.73 -1.08 0.00	32.63 -1.47 0.00	34.10 -1.46 0.01	35.13 -0.68 0.00	35.67 -0.65 0.00	35.89 -0.47 0.00	37.66 -0.50 -0.03	37.40 -0.92 -0.03	39.49 -0.93 -0.03	40.99 -0.37 0.00	45.24 -0.88 -0.03	44.08 -0.67 0.00	37.10 -1.07 0.00	37.08 -0.99 0.00	34.21 -0.88 0.00	30.66 -1.05 0.00	29.53 -0.60 0.00
OXBOW___BTM 323836	31.83 -0.62 0.00	28.96 -1.02 0.00	25.95 -0.64 0.00	24.24 -0.70 0.00	23.81 -0.79 0.00	25.11 -0.59 0.00	27.65 -0.85 0.00	30.19 -1.62 0.00	32.08 -2.01 0.00	33.50 -2.06 0.01	34.45 -1.36 0.00	35.34 -0.98 0.00	35.27 -1.09 0.00	37.05 -1.11 -0.03	36.94 -1.38 -0.03	38.89 -1.53 -0.03	40.29 -1.08 0.00	44.55 -1.57 -0.03	43.41 -1.34 0.00	36.68 -1.49 0.00	36.55 -1.52 0.00	33.72 -1.37 0.00	30.21 -1.49 0.00	29.14 -0.99 0.00
OXBOW___ 24026	31.83 -0.62 0.00	28.96 -1.02 0.00	25.95 -0.64 0.00	24.24 -0.70 0.00	23.81 -0.79 0.00	25.06 -0.64 0.00	27.62 -0.88 0.00	30.19 -1.62 0.00	32.08 -2.01 0.00	33.53 -2.03 0.01	34.53 -1.29 0.00	35.02 -1.31 0.00	35.27 -1.09 0.00	36.97 -1.18 -0.03	36.71 -1.61 -0.03	38.81 -1.62 -0.03	40.29 -1.08 0.00	44.46 -1.66 -0.03	43.36 -1.39 0.00	36.53 -1.64 0.00	36.47 -1.60 0.00	33.68 -1.40 0.00	30.18 -1.52 0.00	29.14 -0.99 0.00
OXY_CHEM_DSASP 323612	31.31 -1.14 0.00	28.51 -1.47 0.00	25.55 -1.04 0.00	23.87 -1.07 0.00	23.41 -1.18 0.00	24.67 -1.03 0.00	27.17 -1.34 0.00	29.62 -2.20 0.00	31.47 -2.63 0.00	32.89 -2.67 0.01	33.81 -2.01 0.00	34.29 -2.03 0.00	34.54 -1.82 0.00	36.12 -1.98 0.03	35.85 -2.41 0.03	37.94 -2.42 0.03	39.42 -1.94 0.00	43.48 -2.58 0.03	42.47 -2.28 0.00	35.84 -2.33 0.00	35.82 -2.25 0.00	33.09 -2.00 0.00	29.67 -2.03 0.00	28.69 -1.45 0.00
OZONE_PARK_ESR 323760	35.30 2.86 0.00	32.59 2.61 0.00	28.79 2.21 0.00	26.93 2.00 0.00	26.51 1.92 0.00	27.73 2.03 0.00	30.85 2.34 0.00	34.71 2.89 0.00	37.47 3.24 -0.14	39.05 3.41 -0.07	40.82 3.47 -1.53	42.66 4.00 -2.34	42.19 4.25 -1.58	42.81 4.42 -0.26	43.51 4.59 -0.63	45.50 5.09 -0.02	46.37 5.01 0.00	51.53 5.44 0.00	49.94 5.19 0.00	42.44 4.27 0.00	42.07 4.00 0.00	38.52 3.44 0.00	34.97 3.27 0.00	33.09 2.95 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.31 -1.14 0.00	28.51 -1.47 0.00	25.55 -1.04 0.00	23.87 -1.07 0.00	23.41 -1.18 0.00	24.67 -1.03 0.00	27.17 -1.34 0.00	29.62 -2.20 0.00	31.47 -2.63 0.00	32.89 -2.67 0.01	33.81 -2.01 0.00	34.29 -2.03 0.00	34.54 -1.82 0.00	36.12 -1.98 0.03	35.85 -2.41 0.03	37.94 -2.42 0.03	39.42 -1.94 0.00	43.48 -2.58 0.03	42.47 -2.28 0.00	35.84 -2.33 0.00	35.82 -2.25 0.00	33.09 -2.00 0.00	29.67 -2.03 0.00	28.69 -1.45 0.00
PACKARD___115KV_DUPONT_184 80571	31.31 -1.14 0.00	28.51 -1.47 0.00	25.55 -1.04 0.00	23.87 -1.07 0.00	23.41 -1.18 0.00	24.67 -1.03 0.00	27.17 -1.34 0.00	29.62 -2.20 0.00	31.47 -2.63 0.00	32.89 -2.67 0.01	33.81 -2.01 0.00	34.29 -2.03 0.00	34.54 -1.82 0.00	36.12 -1.98 0.03	35.85 -2.41 0.03	37.94 -2.42 0.03	39.42 -1.94 0.00	43.48 -2.58 0.03	42.47 -2.28 0.00	35.84 -2.33 0.00	35.82 -2.25 0.00	33.09 -2.00 0.00	29.67 -2.03 0.00	28.69 -1.45 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	35.14 2.69 0.00	32.48 2.49 -0.01	28.61 2.02 0.00	26.73 1.80 0.00	26.32 1.72 0.00	27.47 1.77 0.00	30.53 2.02 0.00	34.39 2.58 0.00	37.07 2.83 -0.15	38.59 2.95 -0.07	38.77 2.94 -0.02	39.83 3.49 -0.02	40.13 3.75 -0.02	42.06 3.93 -0.01	42.39 4.10 -0.01	44.89 4.48 -0.02	45.75 4.38 0.00	50.79 4.70 0.00	49.27 4.52 0.00	41.95 3.78 0.00	41.57 3.50 0.00	38.18 3.09 -0.01	34.69 2.98 -0.01	32.88 2.74 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.53 3.08 0.00	32.87 2.88 -0.01	28.95 2.37 0.00	27.03 2.09 0.00	26.61 2.02 0.00	27.78 2.08 0.00	30.85 2.34 0.00	34.71 2.89 0.00	37.41 3.17 -0.15	38.94 3.31 -0.07	39.16 3.33 -0.02	40.20 3.85 -0.02	40.49 4.11 -0.02	42.45 4.31 -0.01	42.85 4.56 -0.01	45.38 4.97 -0.02	46.24 4.88 0.00	51.34 5.25 0.00	49.81 5.06 0.00	42.40 4.24 0.00	42.03 3.96 0.00	38.60 3.51 -0.01	35.10 3.39 -0.01	33.28 3.13 -0.01
PATROON___115KV_TB1 80586	33.39 0.94 0.00	30.88 0.90 0.00	27.33 0.74 0.00	25.69 0.75 0.00	25.38 0.79 0.00	26.47 0.77 0.00	29.33 0.83 0.00	32.67 0.86 0.00	35.14 1.02 -0.03	36.61 1.03 -0.01	36.71 0.90 0.00	37.49 1.16 0.00	37.60 1.24 0.00	39.39 1.26 0.00	39.67 1.38 0.00	41.93 1.53 0.00	42.85 1.49 0.00	47.93 1.84 0.00	46.54 1.79 0.00	39.66 1.49 0.00	39.52 1.45 0.00	36.10 1.02 0.00	32.59 0.89 0.00	30.95 0.81 0.00
PATTRSNVILLE___SOLAR 323815	33.97 1.53 0.00	31.36 1.38 0.00	27.73 1.14 0.00	26.03 1.10 0.00	25.70 1.11 0.00	26.86 1.16 0.00	29.82 1.31 0.00	33.31 1.50 0.00	35.68 1.57 -0.02	37.00 1.42 -0.01	37.14 1.33 0.00	37.81 1.49 0.00	37.85 1.49 0.00	39.65 1.53 0.00	39.89 1.61 0.00	42.21 1.82 0.00	43.35 1.99 0.00	48.58 2.49 0.00	47.39 2.64 0.00	40.42 2.25 0.00	40.47 2.40 0.00	36.94 1.86 0.00	33.26 1.55 0.00	31.55 1.42 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.45 0.00 0.00	29.47 -0.51 0.00	26.43 -0.16 0.00	24.71 -0.22 0.00	24.25 -0.34 0.00	25.55 -0.15 0.00	28.25 -0.26 0.00	31.08 -0.73 0.00	33.00 -1.09 0.00	34.53 -1.03 0.01	35.64 -0.18 0.00	36.29 -0.04 0.00	36.58 0.22 0.00	38.40 0.27 0.00	38.18 -0.11 0.00	40.36 -0.04 0.00	41.86 0.50 0.00	46.23 0.14 0.00	45.07 0.31 0.00	37.86 -0.31 0.00	37.73 -0.34 0.00	34.73 -0.35 0.00	31.13 -0.57 0.00	29.86 -0.27 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.95 2.50 0.00	32.26 2.28 0.00	28.50 1.91 0.00	26.71 1.77 0.00	26.29 1.70 0.00	27.47 1.77 0.00	30.50 2.00 0.00	34.23 2.42 0.00	36.87 2.73 -0.05	38.47 2.88 -0.02	38.72 2.90 0.00	39.63 3.31 0.00	39.96 3.60 0.00	41.86 3.74 0.00	42.27 3.98 0.00	44.84 4.44 0.00	45.58 4.22 0.00	50.84 4.75 0.00	49.23 4.48 0.00	41.68 3.51 0.00	41.50 3.43 0.00	37.79 2.70 0.00	34.30 2.60 0.00	32.54 2.41 0.00
PEEKSKILL___ 23653	34.53 2.08 0.00	31.90 1.92 0.00	28.21 1.62 0.00	26.43 1.50 0.00	26.02 1.43 0.00	27.19 1.49 0.00	30.16 1.65 0.00	33.85 2.04 0.00	36.54 2.28 -0.16	38.07 2.42 -0.08	38.28 2.47 0.00	39.26 2.94 0.00	39.45 3.09 0.00	41.41 3.28 0.00	41.69 3.41 0.00	44.23 3.84 0.00	45.17 3.80 0.00	50.28 4.19 0.00	48.64 3.89 0.00	41.30 3.13 0.00	41.08 3.01 0.00	37.50 2.42 0.00	34.02 2.31 0.00	32.30 2.17 0.00
PGE MADISON___WINDPWR 24146	35.16 2.66 -0.05	32.41 2.43 0.00	28.77 2.18 0.00	26.98 2.05 0.00	26.56 1.97 0.00	28.01 2.31 0.00	31.19 2.68 0.00	35.34 3.53 0.00	37.60 3.41 -0.10	39.22 3.49 -0.16	39.47 3.65 0.00	40.36 4.03 0.00	40.22 3.85 0.00	42.32 4.19 0.00	42.34 4.06 0.00	44.67 4.28 0.00	46.24 4.88 0.00	51.71 5.62 0.00	50.30 5.55 0.00	42.75 4.58 0.00	42.94 4.87 0.00	38.88 3.79 0.00	34.68 2.98 0.00	32.81 2.68 0.00

PIERCEFIELD___HYD 23852	31.79 -0.68 -0.02	29.50 -0.48 0.00	26.16 -0.43 0.00	24.51 -0.42 0.00	24.20 -0.39 0.00	25.42 -0.28 0.00	28.28 -0.23 0.00	31.56 -0.25 0.00	33.76 -0.38 -0.04	35.21 -0.43 -0.07	34.96 -0.86 0.00	34.94 -1.38 0.00	34.51 -1.85 0.00	36.22 -1.91 0.00	36.14 -2.14 0.00	37.61 -2.79 0.00	38.76 -2.61 0.00	43.00 -3.09 0.00	41.89 -2.86 0.00	36.53 -1.64 0.00	36.74 -1.33 0.00	34.03 -1.05 0.00	30.72 -0.98 0.00	29.50 -0.63 0.00
PINELAWN_CC_1 323563	38.69 3.02 -3.22	37.71 2.76 -4.97	36.19 2.39 -7.21	29.00 2.20 -1.86	29.63 2.12 -2.91	32.95 2.23 -5.02	33.40 2.48 -2.41	37.74 2.99 -2.94	38.54 3.27 -1.17	38.94 3.31 -0.07	38.71 2.90 0.00	40.58 3.56 -0.69	40.09 3.53 -0.20	42.06 3.93 0.00	42.48 3.91 -0.28	52.66 4.48 -7.78	61.90 4.59 -15.95	63.06 4.93 -12.04	49.45 4.70 0.00	41.95 3.78 0.00	41.73 3.66 0.00	38.14 3.05 0.00	34.59 2.88 0.00	33.21 3.08 0.00
PJM_GEN_HTP_PROXY 323702	34.85 2.40 0.00	32.20 2.22 0.00	28.45 1.86 0.00	26.63 1.70 0.00	26.22 1.62 0.00	27.42 1.72 0.00	30.45 1.94 0.00	34.29 2.48 0.00	37.03 2.80 -0.14	38.59 2.95 -0.07	40.33 3.04 -1.48	42.10 3.52 -2.26	41.56 3.67 -1.52	42.27 3.89 -0.26	42.88 3.98 -0.61	43.48 4.44 1.36	47.17 4.43 -1.38	50.88 4.79 0.00	49.27 4.52 0.00	41.83 3.66 0.00	41.57 3.50 0.00	37.96 2.88 0.00	34.46 2.76 0.00	32.63 2.50 0.00
PJM_GEN_KEystone 24065	33.13 0.68 0.00	30.42 0.45 0.01	27.09 0.50 0.00	25.36 0.42 0.00	24.94 0.34 0.00	25.98 0.41 0.13	27.58 0.40 1.33	30.18 0.35 1.98	33.24 0.31 1.16	35.36 0.36 0.56	37.19 0.75 -0.62	37.72 1.24 -0.16	37.82 1.35 -0.11	39.59 1.45 -0.02	39.79 1.45 -0.04	40.68 1.66 1.37	44.60 1.86 -1.38	48.03 1.94 0.00	46.59 1.84 0.00	39.47 1.30 0.00	39.25 1.18 0.00	35.96 0.88 0.00	32.46 0.76 0.00	30.92 0.78 0.00
PJM_GEN_NEPTUNE_PROXY 323594	36.74 2.56 -1.73	35.02 2.37 -2.67	32.48 2.02 -3.87	27.79 1.85 -1.00	27.96 1.79 -1.57	30.27 1.88 -2.70	31.88 2.08 -1.30	35.94 2.55 -1.58	37.62 2.83 -0.70	38.55 2.92 -0.07	38.61 2.80 0.00	39.78 3.45 0.00	39.96 3.60 0.00	41.90 3.78 0.00	42.08 3.79 0.00	43.50 4.44 1.33	57.91 4.55 -12.00	57.40 4.84 -6.47	49.32 4.57 0.00	41.72 3.55 0.00	41.53 3.46 0.00	37.93 2.84 0.00	34.24 2.54 0.00	32.76 2.62 0.00
PJM_GEN_VFT_PROXY 323633	34.79 2.34 0.00	32.11 2.13 0.00	28.37 1.78 0.00	26.54 1.60 0.00	26.15 1.55 0.00	27.32 1.62 0.00	30.36 1.85 0.00	34.20 2.39 0.00	36.96 2.73 -0.14	38.51 2.88 -0.07	40.28 2.94 -1.53	42.07 3.41 -2.34	42.17 3.57 -1.58	42.78 3.78 -0.26	43.31 3.87 -0.63	46.96 4.28 1.36	50.70 4.22 -1.38	49.05 4.61 0.00	41.68 4.30 0.00	41.46 3.51 0.00	37.89 2.81 0.00	34.43 2.73 0.00	32.61 2.47 0.00	
PLATSBURG_115KV_PMLD1 355749	33.45 1.01 0.00	31.09 1.11 0.00	27.57 0.98 0.00	25.81 0.87 0.00	25.46 0.86 0.00	26.78 1.08 0.00	29.82 1.31 0.00	33.31 1.50 0.00	35.63 1.53 0.00	37.13 1.56 0.00	37.36 1.54 0.00	37.56 1.24 0.00	37.24 0.87 0.00	39.08 0.95 0.00	38.82 0.54 0.00	41.00 0.61 0.00	42.15 0.79 0.00	46.55 0.46 0.00	45.47 0.72 0.00	39.05 0.88 0.00	39.36 1.29 0.00	36.38 1.30 0.00	32.66 0.95 0.00	31.04 0.90 0.00
PLEASANTVLY___LBMP 24000	34.30 1.85 0.00	31.69 1.71 0.00	28.05 1.46 0.00	26.28 1.35 0.00	25.92 1.33 0.00	27.04 1.34 0.00	30.02 1.51 0.00	33.59 1.78 0.00	36.17 2.01 -0.07	37.73 2.13 -0.03	37.89 2.08 0.00	38.83 2.51 0.00	39.05 2.69 0.00	40.95 2.82 0.00	41.23 2.95 0.00	43.71 3.31 0.00	44.63 3.27 0.00	49.68 3.60 0.00	48.15 3.40 0.00	40.95 2.79 0.00	40.70 2.63 0.00	37.19 2.11 0.00	33.73 2.03 0.00	32.03 1.90 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.69 2.24 0.00	32.02 2.04 0.00	28.31 1.73 0.00	26.53 1.60 0.00	26.12 1.52 0.00	27.29 1.59 0.00	30.30 1.80 0.00	34.01 2.20 0.00	36.69 2.49 -0.11	38.22 2.60 -0.05	38.43 2.61 0.00	39.41 3.09 0.00	39.74 3.38 0.00	41.64 3.51 0.00	42.00 3.71 0.00	44.51 4.12 0.00	45.42 4.05 0.00	50.51 4.42 0.00	48.96 4.21 0.00	41.57 3.40 0.00	41.23 3.16 0.00	37.72 2.63 0.00	34.18 2.47 0.00	32.42 2.29 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	34.69 2.24 0.00	32.02 2.04 0.00	28.31 1.73 0.00	26.53 1.60 0.00	26.12 1.52 0.00	27.29 1.59 0.00	30.30 1.80 0.00	34.01 2.20 0.00	36.69 2.49 -0.11	38.22 2.60 -0.05	38.43 2.61 0.00	39.41 3.09 0.00	39.74 3.38 0.00	41.64 3.51 0.00	42.00 3.71 0.00	44.51 4.12 0.00	45.42 4.05 0.00	50.51 4.42 0.00	48.96 4.21 0.00	41.57 3.40 0.00	41.23 3.16 0.00	37.72 2.63 0.00	34.18 2.47 0.00	32.42 2.29 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.56 2.11 0.00	31.90 1.92 0.00	28.23 1.65 0.00	26.48 1.55 0.00	26.10 1.50 0.00	27.22 1.52 0.00	30.22 1.71 0.00	33.75 1.94 0.00	36.34 2.22 -0.03	37.90 2.31 -0.02	38.11 2.29 0.00	39.01 2.69 0.00	39.24 2.87 0.00	41.18 3.05 0.00	41.50 3.22 0.00	43.95 3.55 0.00	44.88 3.52 0.00	50.01 3.92 0.00	48.47 3.71 0.00	41.15 2.98 0.00	40.93 2.86 0.00	37.30 2.21 0.00	33.86 2.16 0.00	32.15 2.02 0.00
POLETTI____ 23519	34.88 2.43 0.00	32.20 2.22 0.00	28.45 1.86 0.00	26.61 1.67 0.00	26.22 1.62 0.00	27.40 1.70 0.00	30.48 1.97 0.00	34.25 2.45 0.01	37.03 2.80 -0.14	38.57 2.95 -0.05	40.32 2.97 -1.53	42.15 3.49 -2.34	41.65 3.71 -1.58	42.24 3.85 -0.26	42.92 4.02 -0.62	44.84 4.44 0.00	45.74 4.38 0.01	50.78 4.70 0.01	49.22 4.48 0.01	41.82 3.66 0.01	41.45 3.39 0.01	38.00 2.91 0.01	34.49 2.79 0.00	32.67 2.53 0.00
POMONA___ESR 323819	34.43 1.98 0.00	31.81 1.83 0.00	28.15 1.57 0.00	26.38 1.45 0.00	25.97 1.38 0.00	27.14 1.44 0.00	30.07 1.57 0.00	33.66 1.84 0.00	35.92 2.08 0.25	37.66 2.21 0.12	38.07 2.26 0.00	39.08 2.76 0.00	39.27 2.91 0.00	41.25 3.13 0.00	41.54 3.25 0.00	44.03 3.64 0.00	45.00 3.64 0.00	50.05 3.96 0.00	48.42 3.67 0.00	41.11 2.94 0.00	40.89 2.82 0.00	37.33 2.25 0.00	33.92 2.22 0.00	32.24 2.11 0.00
PORT_JEFF_3 23555	38.56 2.89 -3.22	37.56 2.61 -4.97	36.11 2.31 -7.21	28.92 2.12 -1.86	29.55 2.04 -2.91	32.85 2.13 -5.02	33.31 2.39 -2.41	37.62 2.86 -2.94	38.16 2.90 -1.17	38.55 2.92 -0.07	38.71 2.90 0.00	40.26 3.60 -0.34	40.21 3.75 -0.10	42.13 4.00 0.00	42.55 4.02 -0.24	48.97 4.68 -3.90	59.30 4.67 -13.26	63.25 5.12 -12.05	49.64 4.88 -0.01	42.07 3.90 -0.01	41.92 3.84 -0.01	38.04 2.95 0.00	34.37 2.66 0.00	33.18 3.04 0.00
PORT_JEFF_4 23616	38.56 2.89 -3.22	37.56 2.61 -4.97	36.11 2.31 -7.21	28.92 2.12 -1.86	29.55 2.04 -2.91	32.85 2.13 -5.02	33.31 2.39 -2.41	37.62 2.86 -2.94	38.16 2.90 -1.17	38.55 2.92 -0.07	38.71 2.90 0.00	40.26 3.60 -0.34	40.21 3.75 -0.10	42.13 4.00 0.00	42.55 4.02 -0.24	48.97 4.68 -3.90	59.30 4.67 -13.26	63.25 5.12 -12.05	49.64 4.88 -0.01	42.07 3.90 -0.01	41.92 3.84 -0.01	38.04 2.95 0.00	34.37 2.66 0.00	33.18 3.04 0.00

PORT_JEFF_IC 23713	38.63 2.95 -3.22	37.62 2.67 -4.97	36.13 2.34 -7.21	28.95 2.14 -1.86	29.58 2.07 -2.91	32.90 2.18 -5.02	33.37 2.45 -2.41	37.65 2.89 -2.94	38.30 3.03 -1.17	38.73 3.09 -0.07	38.79 2.97 0.00	40.42 3.74 -0.35	40.47 4.00 -0.10	42.33 4.19 0.00	42.97 4.44 -0.25	49.34 4.93 -4.02	59.42 4.72 -13.34	63.44 5.30 -12.05	49.78 5.01 -0.01	42.38 4.20 -0.01	42.08 4.00 -0.01	38.25 3.16 0.00	34.53 2.82 0.00	33.21 3.07 0.00
PPL PILGRIM_ST_GT1 24216	38.82 3.15 -3.22	37.83 2.88 -4.97	36.29 2.50 -7.21	29.12 2.32 -1.86	29.77 2.26 -2.91	33.08 2.36 -5.02	33.57 2.65 -2.41	37.87 3.12 -2.94	38.67 3.41 -1.17	39.09 3.45 -0.07	39.15 3.33 0.00	40.78 4.03 -0.43	40.69 4.18 -0.15	42.62 4.46 -0.03	44.62 4.29 -2.04	49.99 5.09 -4.50	60.26 5.21 -13.68	63.70 5.57 -12.04	50.12 5.37 0.00	42.37 4.20 0.00	42.18 4.11 0.00	38.59 3.47 -0.03	34.62 2.91 0.00	33.42 3.29 0.00
PPL PILGRIM_ST_GT2 24217	38.82 3.15 -3.22	37.83 2.88 -4.97	36.29 2.50 -7.21	29.12 2.32 -1.86	29.77 2.26 -2.91	33.08 2.36 -5.02	33.57 2.65 -2.41	37.87 3.12 -2.94	38.67 3.41 -1.17	39.09 3.45 -0.07	39.15 3.33 0.00	40.78 4.03 -0.43	40.69 4.18 -0.15	42.62 4.46 -0.03	44.62 4.29 -2.04	49.99 5.09 -4.50	60.26 5.21 -13.68	63.70 5.57 -12.04	50.12 5.37 0.00	42.37 4.20 0.00	42.18 4.11 0.00	38.59 3.47 -0.03	34.62 2.91 0.00	33.42 3.29 0.00
PPL_SHRM_GT3 24213	38.27 2.60 -3.22	37.26 2.31 -4.97	35.87 2.08 -7.21	28.70 1.89 -1.86	29.33 1.82 -2.91	32.64 1.93 -5.02	33.06 2.14 -2.41	37.33 2.58 -2.94	38.13 2.86 -1.17	38.52 2.88 -0.07	38.75 2.94 0.00	40.30 3.63 -0.35	40.25 3.78 -0.10	42.17 4.04 0.00	42.65 4.10 -0.26	49.41 5.09 -3.93	59.69 5.04 -13.28	64.04 5.90 -12.05	50.45 5.68 -0.01	42.38 4.20 -0.01	42.34 4.26 -0.01	38.14 3.05 0.00	34.18 2.47 0.00	32.94 2.80 0.00
PPL_SHRM_GT4 24214	38.27 2.60 -3.22	37.26 2.31 -4.97	35.87 2.08 -7.21	28.70 1.89 -1.86	29.33 1.82 -2.91	32.64 1.93 -5.02	33.06 2.14 -2.41	37.33 2.58 -2.94	38.13 2.86 -1.17	38.52 2.88 -0.07	38.75 2.94 0.00	40.30 3.63 -0.35	40.25 3.78 -0.10	42.17 4.04 0.00	42.65 4.10 -0.26	49.41 5.09 -3.93	59.69 5.04 -13.28	64.04 5.90 -12.05	50.45 5.68 -0.01	42.38 4.20 -0.01	42.34 4.26 -0.01	38.14 3.05 0.00	34.18 2.47 0.00	32.94 2.80 0.00
PROJECT___ORANGE 1 24174	32.43 -0.10 -0.08	29.83 -0.15 0.00	26.45 -0.13 0.00	24.79 -0.15 0.00	24.45 -0.15 0.00	25.57 -0.13 0.00	28.39 -0.11 0.00	31.68 -0.13 0.00	34.04 -0.17 -0.12	35.59 -0.18 -0.20	35.78 -0.04 0.00	36.40 0.07 0.00	36.44 0.07 0.00	38.20 0.08 0.00	38.32 0.04 0.00	40.60 0.20 0.00	41.69 0.33 0.00	46.32 0.23 0.00	44.89 0.13 0.00	38.13 -0.04 0.00	38.03 -0.04 0.00	34.98 -0.11 0.00	31.58 -0.13 0.00	29.95 -0.18 0.00
PROJECT___ORANGE 2 24166	32.43 -0.10 -0.08	29.83 -0.15 0.00	26.45 -0.13 0.00	24.79 -0.15 0.00	24.45 -0.15 0.00	25.57 -0.13 0.00	28.39 -0.11 0.00	31.68 -0.13 0.00	34.04 -0.17 -0.12	35.59 -0.18 -0.20	35.78 -0.04 0.00	36.40 0.07 0.00	36.44 0.07 0.00	38.20 0.08 0.00	38.32 0.04 0.00	40.60 0.20 0.00	41.69 0.33 0.00	46.32 0.23 0.00	44.89 0.13 0.00	38.13 -0.04 0.00	38.03 -0.04 0.00	34.98 -0.11 0.00	31.58 -0.13 0.00	29.95 -0.18 0.00
PUCKETT___SOLAR 323809	33.44 0.94 -0.05	30.73 0.75 0.00	27.30 0.72 0.00	25.59 0.65 0.00	25.21 0.62 0.00	26.45 0.75 0.00	29.36 0.85 0.00	33.15 1.34 0.00	35.44 1.26 -0.09	36.96 1.24 -0.15	37.28 1.47 0.00	38.10 1.78 0.00	38.00 1.64 0.00	39.88 1.75 0.00	40.01 1.72 0.00	42.33 1.94 0.00	43.60 2.23 0.00	48.67 2.58 0.00	47.26 2.50 0.00	40.15 1.98 0.00	40.12 2.05 0.00	36.67 1.58 0.00	32.91 1.20 0.00	31.22 1.08 0.00
PYRITES___HYD 24023	32.24 -0.23 -0.02	29.95 -0.03 0.00	26.56 -0.03 0.00	24.91 -0.02 0.00	24.60 0.00 0.00	25.88 0.18 0.00	28.79 0.29 0.00	32.07 0.25 0.00	34.23 0.10 -0.04	35.67 0.04 -0.07	35.49 -0.32 0.00	35.45 -0.87 0.00	35.05 -1.31 0.00	36.83 -1.30 0.00	36.79 -1.49 0.00	38.17 -2.22 0.00	39.38 -1.99 0.00	43.74 -2.35 0.00	42.69 -2.06 0.00	37.25 -0.92 0.00	37.54 -0.53 0.00	34.70 -0.39 0.00	31.23 -0.48 0.00	29.89 -0.24 0.00
QUAKERRD_115KV_BK1 80622	31.83 -0.62 0.00	29.17 -0.81 0.00	25.95 -0.64 0.00	24.29 -0.65 0.00	23.88 -0.71 0.00	25.08 -0.62 0.00	27.80 -0.71 0.00	30.83 -0.99 0.00	32.93 -1.16 0.00	34.39 -1.17 0.01	34.99 -0.82 0.00	35.52 -0.80 0.00	35.64 -0.73 0.00	37.25 -0.88 0.00	37.14 -1.15 0.00	39.38 -1.01 0.00	40.62 -0.74 0.00	45.03 -1.06 0.00	43.77 -0.98 0.00	37.02 -1.15 0.00	37.00 -1.07 0.00	34.07 -1.02 0.00	30.63 -1.08 0.00	29.20 -0.93 0.00
QUENSBRY_115KV_TB8 356137	34.65 2.21 0.00	32.20 2.22 0.00	28.31 1.73 0.00	26.58 1.65 0.00	26.27 1.67 0.00	27.52 1.82 0.00	30.73 2.22 0.00	34.01 2.20 0.00	36.64 2.52 -0.03	38.14 2.56 -0.01	37.93 2.11 0.00	38.69 2.36 0.00	38.69 2.33 0.00	40.34 2.21 0.00	40.66 2.37 0.00	42.94 2.54 0.00	43.89 2.52 0.00	49.41 3.32 0.00	48.56 3.80 0.00	41.34 3.17 0.00	41.50 3.43 0.00	37.75 2.67 0.00	33.76 2.06 0.00	32.03 1.90 0.00
RAMAPO___LBMP 323565	34.30 1.85 0.00	31.69 1.71 0.00	28.05 1.46 0.00	26.28 1.35 0.00	25.90 1.30 0.00	27.04 1.34 0.00	29.99 1.48 0.00	33.56 1.75 0.00	35.85 1.98 0.22	37.56 2.10 0.11	37.93 2.11 0.00	38.90 2.58 0.00	39.20 2.84 0.00	41.10 2.97 0.00	41.43 3.14 0.00	43.91 3.51 0.00	44.80 3.43 0.00	49.87 3.78 0.00	48.33 3.58 0.00	41.03 2.86 0.00	40.70 2.63 0.00	37.23 2.14 0.00	33.83 2.12 0.00	32.12 1.99 0.00
RANKINE____ 23646	32.51 0.06 0.00	29.56 -0.42 0.00	26.51 -0.08 0.00	24.76 -0.17 0.00	24.30 -0.30 0.00	25.60 -0.10 0.00	28.28 -0.23 0.00	31.05 -0.76 0.00	32.97 -1.13 0.00	34.46 -1.10 0.01	35.53 -0.29 0.00	36.14 -0.18 0.00	36.36 0.00 0.00	38.13 0.00 -0.01	37.91 -0.38 -0.01	40.08 -0.32 -0.01	41.57 0.21 0.00	45.91 -0.18 -0.01	44.75 0.00 0.00	37.63 -0.53 0.00	37.54 -0.53 0.00	34.63 -0.46 0.00	31.04 -0.67 0.00	29.83 -0.30 0.00
RAVENSWOOD_GT2_1 24244	34.95 2.50 0.00	32.26 2.28 0.00	28.50 1.91 0.00	26.68 1.75 0.00	26.27 1.67 0.00	27.47 1.77 0.00	30.53 2.02 0.00	34.33 2.51 0.00	37.10 2.86 -0.14	38.62 2.99 -0.07	40.36 2.97 -1.57	42.22 3.49 -2.41	41.73 3.75 -1.62	42.33 3.93 -0.27	43.03 4.10 -0.65	44.93 4.52 -0.02	45.79 4.43 0.00	50.88 4.79 0.00	49.32 4.56 0.00	41.91 3.74 0.00	41.57 3.50 0.00	38.07 2.98 0.00	34.56 2.85 0.00	32.73 2.59 0.00
RAVENSWOOD_GT2_2 24245	34.95 2.50 0.00	32.26 2.28 0.00	28.50 1.91 0.00	26.68 1.75 0.00	26.27 1.67 0.00	27.47 1.77 0.00	30.53 2.02 0.00	34.33 2.51 0.00	37.10 2.86 -0.14	38.62 2.99 -0.07	40.36 2.97 -1.57	42.22 3.49 -2.41	41.73 3.75 -1.62	42.33 3.93 -0.27	43.03 4.10 -0.65	44.93 4.52 -0.02	45.79 4.43 0.00	50.88 4.79 0.00	49.32 4.56 0.00	41.91 3.74 0.00	41.57 3.50 0.00	38.07 2.98 0.00	34.56 2.85 0.00	32.73 2.59 0.00



RAVENSWOOD_GT2_3 24246	34.95 2.50 0.00	32.29 2.31 0.00	28.53 1.94 0.00	26.68 1.75 0.00	26.29 1.70 0.00	27.47 1.77 0.00	30.56 2.05 0.00	34.36 2.54 0.00	37.10 2.86 -0.14	38.66 3.02 -0.07	40.40 3.01 -1.57	42.26 3.52 -2.41	41.73 3.75 -1.62	42.33 3.93 -0.27	43.07 4.13 -0.65	44.97 4.56 -0.02	45.83 4.47 0.00	50.93 4.84 0.00	49.36 4.61 0.00	41.95 3.78 0.00	41.57 3.50 0.00	38.10 3.02 0.00	34.56 2.85 0.00	32.76 2.62 0.00
RAVENSWOOD_GT2_4 24247	34.95 2.50 0.00	32.29 2.31 0.00	28.53 1.94 0.00	26.68 1.75 0.00	26.29 1.70 0.00	27.47 1.77 0.00	30.56 2.05 0.00	34.36 2.54 0.00	37.10 2.86 -0.14	38.66 3.02 -0.07	40.40 3.01 -1.57	42.26 3.52 -2.41	41.73 3.75 -1.62	42.33 3.93 -0.27	43.07 4.13 -0.65	44.97 4.56 -0.02	45.83 4.47 0.00	50.93 4.84 0.00	49.36 4.61 0.00	41.95 3.78 0.00	41.57 3.50 0.00	38.10 3.02 0.00	34.56 2.85 0.00	32.76 2.62 0.00
RAVENSWOOD_GT3_1 24248	34.95 2.50 0.00	32.26 2.28 0.00	28.50 1.91 0.00	26.68 1.75 0.00	26.27 1.67 0.00	27.47 1.77 0.00	30.53 2.02 0.00	34.33 2.51 0.00	37.10 2.86 -0.14	38.62 2.99 -0.07	40.36 2.97 -1.57	42.22 3.49 -2.41	41.73 3.75 -1.62	42.33 3.93 -0.27	43.03 4.10 -0.65	44.93 4.52 -0.02	45.79 4.43 0.00	50.88 4.79 0.00	49.32 4.56 0.00	41.91 3.74 0.00	41.57 3.50 0.00	38.07 2.98 0.00	34.56 2.85 0.00	32.73 2.59 0.00
RAVENSWOOD_GT3_2 24249	34.95 2.50 0.00	32.26 2.28 0.00	28.50 1.91 0.00	26.68 1.75 0.00	26.27 1.67 0.00	27.47 1.77 0.00	30.53 2.02 0.00	34.33 2.51 0.00	37.10 2.86 -0.14	38.62 2.99 -0.07	40.36 2.97 -1.57	42.22 3.49 -2.41	41.73 3.75 -1.62	42.33 3.93 -0.27	43.03 4.10 -0.65	44.93 4.52 -0.02	45.79 4.43 0.00	50.88 4.79 0.00	49.32 4.56 0.00	41.91 3.74 0.00	41.57 3.50 0.00	38.07 2.98 0.00	34.56 2.85 0.00	32.73 2.59 0.00
RAVENSWOOD_GT3_3 24250	35.01 2.56 0.00	32.32 2.34 0.00	28.55 1.97 0.00	26.71 1.77 0.00	26.32 1.72 0.00	27.50 1.80 0.00	30.59 2.08 0.00	34.39 2.58 0.00	37.17 2.93 -0.14	38.69 3.06 -0.07	40.43 3.04 -1.57	42.29 3.56 -2.41	41.81 3.82 -1.62	42.40 4.00 -0.27	43.11 4.17 -0.65	45.01 4.60 -0.02	45.91 4.55 0.00	50.98 4.89 0.00	49.41 4.65 0.00	42.02 3.85 0.00	41.65 3.58 0.00	38.14 3.05 0.00	34.62 2.92 0.00	32.79 2.65 0.00
RAVENSWOOD_GT3_4 24251	35.01 2.56 0.00	32.32 2.34 0.00	28.55 1.97 0.00	26.71 1.77 0.00	26.32 1.72 0.00	27.50 1.80 0.00	30.59 2.08 0.00	34.39 2.58 0.00	37.17 2.93 -0.14	38.69 3.06 -0.07	40.43 3.04 -1.57	42.29 3.56 -2.41	41.81 3.82 -1.62	42.40 4.00 -0.27	43.11 4.17 -0.65	45.01 4.60 -0.02	45.91 4.55 0.00	50.98 4.89 0.00	49.41 4.65 0.00	42.02 3.85 0.00	41.65 3.58 0.00	38.14 3.05 0.00	34.62 2.92 0.00	32.79 2.65 0.00
RAVENSWOOD_GT_1 23729	35.11 2.66 0.00	32.42 2.43 -0.01	28.61 2.02 0.00	26.76 1.82 0.00	26.34 1.75 0.00	27.52 1.82 0.00	30.62 2.11 0.00	34.52 2.70 0.00	41.33 3.03 -4.21	38.80 3.17 -0.07	40.54 3.15 -1.57	42.55 3.67 -2.56	42.84 3.93 -2.55	45.91 4.12 -3.67	47.26 4.29 -4.68	50.20 4.69 -5.12	49.03 4.59 -3.07	61.86 4.89 -10.89	49.46 4.70 -0.01	42.09 3.93 0.01	41.72 3.65 0.01	38.27 3.16 -0.02	34.74 3.01 -0.02	34.04 2.74 -1.17
RAVENSWOOD_GT_10 24258	34.95 2.50 0.00	32.26 2.28 0.00	28.50 1.91 0.00	26.68 1.75 0.00	26.27 1.67 0.00	27.47 1.77 0.00	30.53 2.02 0.00	34.33 2.51 0.00	36.89 2.86 0.06	38.62 2.99 -0.07	40.36 2.97 -1.57	42.22 3.49 -2.41	41.69 3.75 -1.58	42.33 3.93 -0.27	43.03 4.10 -0.65	44.93 4.52 -0.02	45.79 4.43 0.00	50.88 4.79 0.00	49.32 4.56 0.00	41.91 3.74 0.00	41.57 3.50 0.00	38.07 2.98 0.00	34.52 2.82 0.00	32.72 2.59 0.00
RAVENSWOOD_GT_11 24259	34.95 2.50 0.00	32.26 2.28 0.00	28.50 1.91 0.00	26.68 1.75 0.00	26.27 1.67 0.00	27.47 1.77 0.00	30.53 2.02 0.00	34.33 2.51 0.00	36.89 2.86 0.06	38.62 2.99 -0.07	40.36 2.97 -1.57	42.22 3.49 -2.41	41.69 3.75 -1.58	42.33 3.93 -0.27	43.03 4.10 -0.65	44.93 4.52 -0.02	45.79 4.43 0.00	50.88 4.79 0.00	49.32 4.56 0.00	41.91 3.74 0.00	41.57 3.50 0.00	38.07 2.98 0.00	34.52 2.82 0.00	32.72 2.59 0.00
RAVENSWOOD_GT_4 24252	34.92 2.47 0.00	32.22 2.25 0.01	28.50 1.91 0.00	26.66 1.72 0.00	26.27 1.67 0.00	27.47 1.77 0.00	30.53 2.02 0.00	34.33 2.51 0.00	37.06 2.83 -0.14	38.62 2.99 -0.07	40.36 2.97 -1.57	42.30 3.45 -2.52	41.78 3.71 -1.71	44.88 3.89 -2.86	46.07 4.06 -3.72	48.78 4.48 -3.90	48.13 4.43 -2.34	59.17 4.79 -8.29	49.32 4.56 -0.01	41.90 3.74 0.01	41.53 3.46 0.01	38.04 2.95 -0.01	34.53 2.82 -0.01	33.57 2.56 -0.87
RAVENSWOOD_GT_5 24254	34.92 2.47 0.00	32.22 2.25 0.01	28.50 1.91 0.00	26.66 1.72 0.00	26.27 1.67 0.00	27.47 1.77 0.00	30.53 2.02 0.00	34.33 2.51 0.00	37.06 2.83 -0.14	38.62 2.99 -0.07	40.36 2.97 -1.57	42.30 3.45 -2.52	41.78 3.71 -1.71	44.88 3.89 -2.86	46.07 4.06 -3.72	48.78 4.48 -3.90	48.13 4.43 -2.34	59.17 4.79 -8.29	49.32 4.56 -0.01	41.90 3.74 0.01	41.53 3.46 0.01	38.04 2.95 -0.01	34.53 2.82 -0.01	33.57 2.56 -0.87
RAVENSWOOD_GT_6 24253	34.92 2.47 0.00	32.22 2.25 0.01	28.50 1.91 0.00	26.66 1.72 0.00	26.27 1.67 0.00	27.47 1.77 0.00	30.53 2.02 0.00	34.33 2.51 0.00	37.06 2.83 -0.14	38.62 2.99 -0.07	40.36 2.97 -1.57	42.30 3.45 -2.52	41.78 3.71 -1.71	44.88 3.89 -2.86	46.07 4.06 -3.72	48.78 4.48 -3.90	48.13 4.43 -2.34	59.17 4.79 -8.29	49.32 4.56 -0.01	41.90 3.74 0.01	41.53 3.46 0.01	38.04 2.95 -0.01	34.53 2.82 -0.01	33.57 2.56 -0.87
RAVENSWOOD_GT_7 24255	34.92 2.47 0.00	32.22 2.25 0.01	28.50 1.91 0.00	26.66 1.72 0.00	26.27 1.67 0.00	27.47 1.77 0.00	30.53 2.02 0.00	34.33 2.51 0.00	37.06 2.83 -0.14	38.62 2.99 -0.07	40.36 2.97 -1.57	42.30 3.45 -2.52	41.78 3.71 -1.71	44.88 3.89 -2.86	46.07 4.06 -3.72	48.78 4.48 -3.90	48.13 4.43 -2.34	59.17 4.79 -8.29	49.32 4.56 -0.01	41.90 3.74 0.01	41.53 3.46 0.01	38.04 2.95 -0.01	34.53 2.82 -0.01	33.57 2.56 -0.87
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.95 2.50 0.00	32.26 2.28 0.00	28.50 1.91 0.00	26.68 1.75 0.00	26.27 1.67 0.00	27.47 1.77 0.00	30.53 2.02 0.00	34.33 2.51 0.00	36.89 2.86 0.06	38.62 2.99 -0.07	40.36 2.97 -1.57	42.22 3.49 -2.41	41.69 3.75 -1.58	42.33 3.93 -0.27	43.03 4.10 -0.65	44.93 4.52 -0.02	45.79 4.43 0.00	50.88 4.79 0.00	49.32 4.56 0.00	41.91 3.74 0.00	41.57 3.50 0.00	38.07 2.98 0.00	34.52 2.82 0.00	32.72 2.59 0.00
RAVENSWOOD_GT_9 24257	34.95 2.50 0.00	32.26 2.28 0.00	28.50 1.91 0.00	26.68 1.75 0.00	26.27 1.67 0.00	27.47 1.77 0.00	30.53 2.02 0.00	34.33 2.51 0.00	36.89 2.86 0.06	38.62 2.99 -0.07	40.36 2.97 -1.57	42.22 3.49 -2.41	41.69 3.75 -1.58	42.33 3.93 -0.27	43.03 4.10 -0.65	44.93 4.52 -0.02	45.79 4.43 0.00	50.88 4.79 0.00	49.32 4.56 0.00	41.91 3.74 0.00	41.57 3.50 0.00	38.07 2.98 0.00	34.52 2.82 0.00	32.72 2.59 0.00

RAVENSWOOD___1 23533	35.08 2.63 0.00	32.39 2.40 -0.01	28.58 1.99 0.00	26.73 1.80 0.00	26.32 1.72 0.00	27.50 1.80 0.00	30.56 2.05 0.00	34.48 2.67 0.00	39.26 3.00 -2.17	38.80 3.16 -0.07	40.58 3.19 -1.57	42.44 3.71 -2.41	42.29 3.89 -2.03	42.48 4.08 -0.27	43.15 4.21 -0.65	45.01 4.60 -0.02	46.00 4.63 0.00	50.97 4.88 0.00	49.36 4.61 0.00	42.02 3.85 0.00	41.76 3.69 0.00	38.25 3.16 -0.01	34.69 2.98 -0.01	32.88 2.74 -0.01
RAVENSWOOD___2 23534	34.98 2.53 0.00	32.33 2.34 -0.01	28.53 1.94 0.00	26.68 1.75 0.00	26.27 1.67 0.00	27.45 1.75 0.00	30.50 1.99 0.00	34.39 2.58 0.00	39.18 2.93 -2.16	38.73 3.09 -0.07	40.50 3.11 -1.57	42.37 3.63 -2.41	42.21 3.82 -2.03	42.40 4.00 -0.27	43.07 4.14 -0.65	44.93 4.52 -0.02	45.91 4.55 0.00	50.70 4.61 0.00	49.23 4.47 0.00	41.91 3.74 0.00	41.69 3.62 0.00	38.14 3.05 -0.01	34.63 2.91 -0.01	32.79 2.65 -0.01
RAVENSWOOD___3 23535	34.95 2.50 0.00	32.26 2.28 0.00	28.50 1.92 0.00	26.68 1.75 0.00	26.27 1.67 0.00	27.47 1.77 0.00	30.50 1.99 0.00	34.36 2.55 0.00	37.10 2.86 -0.14	38.66 3.02 -0.07	40.43 3.04 -1.57	42.26 3.52 -2.41	41.70 3.71 -1.62	42.33 3.93 -0.27	42.96 4.02 -0.65	44.89 4.48 -0.02	45.83 4.47 0.00	50.93 4.84 0.00	49.27 4.52 0.00	41.87 3.70 0.00	41.65 3.58 0.00	38.07 2.98 0.00	34.52 2.82 0.00	32.73 2.59 0.00
RAVENSWOOD___4 23820	35.04 2.60 0.00	32.39 2.40 -0.01	28.55 1.97 0.00	26.71 1.77 0.00	26.32 1.72 0.00	27.50 1.80 0.00	30.53 2.02 0.00	34.45 2.64 0.00	37.21 2.96 -0.15	38.77 3.13 -0.07	40.54 3.15 -1.57	42.30 3.71 -2.27	41.73 3.85 -1.51	39.14 4.08 3.07	39.14 4.17 3.32	39.98 4.60 5.01	42.93 4.59 3.03	40.21 4.84 10.72	49.31 4.57 0.01	41.99 3.82 -0.01	41.77 3.69 -0.01	38.20 3.12 0.01	34.64 2.95 0.01	31.72 2.71 1.13
RCPL_TRUST___DRP 24196	34.91 2.47 0.00	32.26 2.28 0.00	28.50 1.91 0.00	26.66 1.72 0.00	26.27 1.67 0.00	27.47 1.77 0.00	30.53 2.02 0.00	34.36 2.54 0.00	37.13 2.90 -0.14	38.69 3.06 -0.07	40.37 3.08 -1.48	42.14 3.56 -2.26	41.70 3.82 -1.52	42.35 3.97 -0.26	43.03 4.13 -0.61	45.01 4.60 -0.02	45.91 4.55 0.00	50.98 4.89 0.00	49.41 4.65 0.00	41.98 3.82 0.00	41.57 3.50 0.00	38.03 2.95 0.00	34.53 2.82 0.00	32.70 2.56 0.00
RED___ROCHESTER 323720	32.71 0.26 0.00	29.95 -0.03 0.00	26.64 0.05 0.00	24.91 -0.02 0.00	24.50 -0.10 0.00	25.78 0.08 0.00	28.51 0.00 0.00	31.56 -0.26 0.00	33.68 -0.41 0.00	35.20 -0.36 0.01	35.92 0.11 0.00	36.65 0.33 0.00	36.62 0.26 0.00	38.32 0.19 0.00	38.29 0.00 0.00	40.47 0.08 0.00	41.82 0.46 0.00	46.37 0.28 0.00	45.11 0.36 0.00	38.13 -0.04 0.00	38.11 0.04 0.00	35.05 -0.04 0.00	31.42 -0.29 0.00	29.95 -0.18 0.00
REGAN___SOLAR 323812	36.37 3.92 0.00	33.64 3.66 0.00	29.54 2.95 0.00	27.73 2.79 0.00	27.40 2.80 0.00	28.89 3.19 0.00	32.33 3.82 0.00	36.36 4.55 0.00	39.05 4.94 -0.02	40.24 4.66 -0.01	40.58 4.76 0.00	41.19 4.87 0.00	41.13 4.76 0.00	42.89 4.77 0.00	43.15 4.86 0.00	45.48 5.09 0.00	46.78 5.42 0.00	53.09 7.00 0.00	52.05 7.30 0.00	44.16 5.99 0.00	44.54 6.47 0.00	40.38 5.30 0.00	35.73 4.03 0.00	33.69 3.55 0.00
RENSSELAER___COGEN 23796	33.20 0.75 0.00	30.70 0.72 0.00	27.20 0.61 0.00	25.56 0.62 0.00	25.23 0.64 0.00	26.29 0.59 0.00	29.11 0.60 0.00	32.45 0.64 0.00	34.90 0.78 -0.03	36.36 0.78 -0.01	36.46 0.65 0.00	37.23 0.91 0.00	37.27 0.91 0.00	39.08 0.95 0.00	39.32 1.03 0.00	41.60 1.21 0.00	42.60 1.24 0.00	47.56 1.47 0.00	46.18 1.43 0.00	39.35 1.18 0.00	39.29 1.22 0.00	35.82 0.74 0.00	32.40 0.70 0.00	30.80 0.66 0.00
REPUBLIC_115KV_BARTNBK 55605	36.54 4.09 0.00	34.03 4.05 0.00	29.80 3.22 0.00	27.98 3.04 0.00	27.64 3.05 0.00	29.09 3.39 0.00	32.50 3.99 0.00	35.82 4.01 0.00	38.65 4.53 -0.03	40.20 4.62 -0.01	40.04 4.23 0.00	40.86 4.54 0.00	40.80 4.44 0.00	42.44 4.31 0.00	42.84 4.56 0.00	45.08 4.69 0.00	46.04 4.67 0.00	52.17 6.08 0.00	51.33 6.58 0.00	43.66 5.50 0.00	44.01 5.94 0.00	40.00 4.91 0.00	35.48 3.77 0.00	33.57 3.44 0.00
REVERE_CPPR_DRP 24186	33.69 1.20 -0.04	31.09 1.11 0.00	27.54 0.96 0.00	25.84 0.90 0.00	25.48 0.89 0.00	26.73 1.03 0.00	29.71 1.20 0.00	33.15 1.34 0.00	35.61 1.47 -0.05	37.22 1.56 -0.08	37.36 1.54 0.00	38.03 1.71 0.00	38.11 1.75 0.00	40.03 1.91 0.00	40.16 1.88 0.00	42.29 1.90 0.00	43.31 1.94 0.00	48.35 2.26 0.00	46.99 2.24 0.00	40.04 1.87 0.00	40.05 1.98 0.00	36.59 1.51 0.00	32.88 1.17 0.00	31.19 1.05 0.00
REYNOLDS_115KV_TB3 80639	33.49 1.04 0.00	30.94 0.96 0.00	27.44 0.85 0.00	25.79 0.85 0.00	25.46 0.86 0.00	26.52 0.82 0.00	29.36 0.86 0.00	32.73 0.92 0.00	35.18 1.06 -0.03	36.65 1.07 -0.01	36.71 0.90 0.00	37.49 1.16 0.00	37.60 1.24 0.00	39.42 1.30 0.00	39.67 1.38 0.00	41.97 1.58 0.00	42.94 1.57 0.00	47.98 1.89 0.00	46.54 1.79 0.00	39.69 1.53 0.00	39.55 1.48 0.00	36.10 1.02 0.00	32.66 0.95 0.00	31.07 0.93 0.00
RIVERBAY____ 323610	35.53 3.08 0.00	32.87 2.88 -0.01	28.95 2.37 0.00	27.03 2.09 0.00	26.61 2.02 0.00	27.78 2.08 0.00	30.85 2.34 0.00	34.71 2.89 0.00	37.41 3.17 -0.15	38.94 3.31 -0.07	39.16 3.33 -0.02	40.20 3.85 -0.02	40.49 4.11 -0.02	42.45 4.31 -0.01	42.85 4.56 -0.01	45.38 4.97 -0.02	46.24 4.88 0.00	51.34 5.25 0.00	49.81 5.06 0.00	42.40 4.24 0.00	42.03 3.96 0.00	38.60 3.51 -0.01	35.10 3.39 -0.01	33.28 3.13 -0.01
RIVERSDE_115KV_TB3 55908	33.32 0.88 0.00	30.82 0.84 0.00	27.30 0.72 0.00	25.66 0.72 0.00	25.33 0.74 0.00	26.42 0.72 0.00	29.25 0.74 0.00	32.61 0.80 0.00	35.04 0.92 -0.03	36.51 0.92 -0.01	36.60 0.79 0.00	37.38 1.05 0.00	37.49 1.13 0.00	39.31 1.18 0.00	39.55 1.26 0.00	41.85 1.45 0.00	42.77 1.41 0.00	47.80 1.71 0.00	46.41 1.66 0.00	39.54 1.37 0.00	39.40 1.33 0.00	36.00 0.91 0.00	32.53 0.82 0.00	30.92 0.78 0.00
ROARING___BROOK_WT_PWR 323790	31.99 -0.45 0.00	29.59 -0.39 0.00	26.24 -0.35 0.00	24.59 -0.35 0.00	24.25 -0.34 0.00	25.34 -0.36 0.00	28.14 -0.37 0.00	31.43 -0.38 0.00	33.68 -0.41 0.00	35.21 -0.36 0.00	35.42 -0.39 0.00	35.71 -0.62 0.00	35.71 -0.65 0.00	37.44 -0.69 0.00	37.52 -0.77 0.00	39.50 -0.89 0.00	40.41 -0.95 0.00	44.94 -1.15 0.00	43.68 -1.07 0.00	37.36 -0.80 0.00	37.23 -0.84 0.00	34.56 -0.53 0.00	31.20 -0.51 0.00	29.68 -0.45 0.00
ROCHESRG_115KV_T4 355643	32.32 -0.13 0.00	29.59 -0.39 0.00	26.37 -0.21 0.00	24.66 -0.27 0.00	24.25 -0.34 0.00	25.47 -0.23 0.00	28.19 -0.31 0.00	31.18 -0.64 0.00	33.27 -0.82 0.00	34.74 -0.82 0.01	35.46 -0.36 0.00	35.96 -0.36 0.00	36.11 -0.25 0.00	37.75 -0.38 0.00	37.60 -0.69 0.00	39.87 -0.53 0.00	41.20 -0.17 0.00	45.63 -0.46 0.00	44.39 -0.36 0.00	37.56 -0.61 0.00	37.54 -0.53 0.00	34.59 -0.49 0.00	31.04 -0.67 0.00	29.65 -0.48 0.00

ROCHESTER_9_IC 23652	32.55 0.10 0.00	29.77 -0.21 0.00	26.53 -0.05 0.00	24.79 -0.15 0.00	24.37 -0.22 0.00	25.62 -0.08 0.00	28.37 -0.14 0.00	31.40 -0.41 0.00	33.51 -0.58 0.00	35.03 -0.53 0.01	35.71 -0.11 0.00	36.25 -0.07 0.00	36.40 0.04 0.00	38.01 -0.11 0.00	37.87 -0.42 0.00	40.15 -0.24 0.00	41.49 0.12 0.00	45.95 -0.14 0.00	44.71 -0.04 0.00	37.79 -0.38 0.00	37.80 -0.27 0.00	34.80 -0.28 0.00	31.23 -0.48 0.00	29.83 -0.30 0.00
ROCKVIEW_13_KV_LD 356306	34.88 2.43 0.00	32.20 2.22 0.00	28.47 1.89 0.00	26.66 1.72 0.00	26.27 1.67 0.00	27.45 1.75 0.00	30.50 2.00 0.00	34.23 2.42 0.00	36.96 2.73 -0.14	38.52 2.88 -0.07	38.72 2.90 0.00	39.74 3.41 0.00	40.07 3.71 0.00	42.02 3.89 0.00	42.35 4.06 0.00	44.88 4.48 0.00	45.79 4.43 0.00	50.93 4.84 0.00	49.32 4.56 0.00	41.87 3.70 0.00	41.53 3.46 0.00	37.96 2.88 0.00	34.43 2.73 0.00	32.64 2.50 0.00
ROME____115KV_TB2 80656	33.69 1.20 -0.04	31.09 1.11 0.00	27.54 0.96 0.00	25.84 0.90 0.00	25.48 0.89 0.00	26.73 1.03 0.00	29.71 1.20 0.00	33.15 1.34 0.00	35.61 1.47 -0.05	37.22 1.56 -0.08	37.36 1.54 0.00	38.03 1.71 0.00	38.11 1.75 0.00	40.03 1.91 0.00	40.16 1.88 0.00	42.29 1.90 0.00	43.31 1.94 0.00	48.35 2.26 0.00	46.99 2.24 0.00	40.04 1.87 0.00	40.05 1.98 0.00	36.59 1.51 0.00	32.88 1.17 0.00	31.19 1.05 0.00
ROSETON____1 23587	34.23 1.78 0.00	31.63 1.65 0.00	27.99 1.41 0.00	26.23 1.30 0.00	25.85 1.25 0.00	26.98 1.28 0.00	29.93 1.42 0.00	33.53 1.72 0.00	36.03 1.94 0.00	37.59 2.03 0.00	37.86 2.04 0.00	38.80 2.47 0.00	38.95 2.58 0.00	40.87 2.75 0.00	41.16 2.87 0.00	43.63 3.23 0.00	44.59 3.23 0.00	49.64 3.55 0.00	48.06 3.31 0.00	40.84 2.67 0.00	40.66 2.59 0.00	37.12 2.03 0.00	33.67 1.97 0.00	31.97 1.84 0.00
ROSETON____2 23588	34.23 1.78 0.00	31.63 1.65 0.00	27.99 1.41 0.00	26.23 1.30 0.00	25.85 1.25 0.00	26.98 1.28 0.00	29.93 1.42 0.00	33.53 1.72 0.00	36.03 1.94 0.00	37.59 2.03 0.00	37.86 2.04 0.00	38.80 2.47 0.00	38.95 2.58 0.00	40.87 2.75 0.00	41.16 2.87 0.00	43.63 3.23 0.00	44.59 3.23 0.00	49.64 3.55 0.00	48.06 3.31 0.00	40.84 2.67 0.00	40.66 2.59 0.00	37.12 2.03 0.00	33.67 1.97 0.00	31.97 1.84 0.00
ROTTDRAM_115KV_TB3 80664	33.62 1.17 0.00	31.06 1.08 0.00	27.49 0.90 0.00	25.81 0.87 0.00	25.48 0.89 0.00	26.60 0.90 0.00	29.51 1.00 0.00	32.93 1.11 0.00	35.34 1.23 -0.02	36.79 1.21 -0.01	36.93 1.11 0.00	37.63 1.31 0.00	37.71 1.35 0.00	39.50 1.37 0.00	39.74 1.45 0.00	42.05 1.66 0.00	43.06 1.70 0.00	48.12 2.03 0.00	46.81 2.06 0.00	39.89 1.72 0.00	39.82 1.75 0.00	36.42 1.33 0.00	32.88 1.17 0.00	31.22 1.08 0.00
RUSSELL____1 23602	32.71 0.26 0.00	29.95 -0.03 0.00	26.64 0.05 0.00	24.91 -0.02 0.00	24.50 -0.10 0.00	25.75 0.05 0.00	28.51 0.00 0.00	31.56 -0.25 0.00	33.68 -0.41 0.00	35.20 -0.36 0.01	35.96 0.14 0.00	36.47 0.15 0.00	36.62 0.25 0.00	38.28 0.15 0.00	38.10 -0.19 0.00	40.39 0.00 0.00	41.78 0.41 0.00	46.23 0.14 0.00	45.02 0.27 0.00	38.02 -0.15 0.00	38.03 -0.04 0.00	35.01 -0.07 0.00	31.39 -0.32 0.00	29.95 -0.18 0.00
RUSSELL____2 23532	32.71 0.26 0.00	29.95 -0.03 0.00	26.64 0.05 0.00	24.91 -0.02 0.00	24.50 -0.10 0.00	25.75 0.05 0.00	28.51 0.00 0.00	31.56 -0.25 0.00	33.68 -0.41 0.00	35.20 -0.36 0.01	35.96 0.14 0.00	36.47 0.15 0.00	36.62 0.25 0.00	38.28 0.15 0.00	38.10 -0.19 0.00	40.39 0.00 0.00	41.78 0.41 0.00	46.23 0.14 0.00	45.02 0.27 0.00	38.02 -0.15 0.00	38.03 -0.04 0.00	35.01 -0.07 0.00	31.39 -0.32 0.00	29.95 -0.18 0.00
RUSSELL____3 23549	32.71 0.26 0.00	29.95 -0.03 0.00	26.64 0.05 0.00	24.91 -0.02 0.00	24.50 -0.10 0.00	25.75 0.05 0.00	28.51 0.00 0.00	31.56 -0.25 0.00	33.68 -0.41 0.00	35.20 -0.36 0.01	35.96 0.14 0.00	36.47 0.15 0.00	36.62 0.25 0.00	38.28 0.15 0.00	38.10 -0.19 0.00	40.39 0.00 0.00	41.78 0.41 0.00	46.23 0.14 0.00	45.02 0.27 0.00	38.02 -0.15 0.00	38.03 -0.04 0.00	35.01 -0.07 0.00	31.39 -0.32 0.00	29.95 -0.18 0.00
RUSSELL____4 23556	32.71 0.26 0.00	29.95 -0.03 0.00	26.64 0.05 0.00	24.91 -0.02 0.00	24.50 -0.10 0.00	25.75 0.05 0.00	28.51 0.00 0.00	31.56 -0.25 0.00	33.68 -0.41 0.00	35.20 -0.36 0.01	35.96 0.14 0.00	36.47 0.15 0.00	36.62 0.25 0.00	38.28 0.15 0.00	38.10 -0.19 0.00	40.39 0.00 0.00	41.78 0.41 0.00	46.23 0.14 0.00	45.02 0.27 0.00	38.02 -0.15 0.00	38.03 -0.04 0.00	35.01 -0.07 0.00	31.39 -0.32 0.00	29.95 -0.18 0.00
RUSSELL____STATION 23914	32.71 0.26 0.00	29.95 -0.03 0.00	26.64 0.05 0.00	24.91 -0.02 0.00	24.50 -0.10 0.00	25.75 0.05 0.00	28.51 0.00 0.00	31.56 -0.25 0.00	33.68 -0.41 0.00	35.20 -0.36 0.01	35.96 0.14 0.00	36.47 0.15 0.00	36.62 0.25 0.00	38.28 0.15 0.00	38.10 -0.19 0.00	40.39 0.00 0.00	41.78 0.41 0.00	46.23 0.14 0.00	45.02 0.27 0.00	38.02 -0.15 0.00	38.03 -0.04 0.00	35.01 -0.07 0.00	31.39 -0.32 0.00	29.95 -0.18 0.00
S SALMON____HYD 24043	32.43 -0.19 -0.18	29.77 -0.21 0.00	26.40 -0.18 0.00	24.76 -0.17 0.00	24.42 -0.17 0.00	25.60 -0.10 0.00	28.42 -0.09 0.00	31.69 -0.13 0.00	34.13 -0.24 -0.28	35.76 -0.29 -0.48	35.60 -0.21 0.00	36.22 -0.11 0.00	36.18 -0.18 0.00	37.98 -0.15 0.00	38.06 -0.23 0.00	39.99 -0.40 0.00	41.03 -0.33 0.00	45.81 -0.27 0.00	44.53 -0.22 0.00	37.98 -0.19 0.00	37.99 -0.08 0.00	34.91 -0.17 0.00	31.45 -0.25 0.00	29.83 -0.30 0.00
S.PERRY__115KV_TB1 80734	33.75 1.30 0.00	30.85 0.87 0.00	27.46 0.88 0.00	25.69 0.75 0.00	25.23 0.64 0.00	26.62 0.93 0.00	29.51 1.00 0.00	32.61 0.80 0.00	34.43 0.34 0.00	35.77 0.21 0.01	36.39 0.57 0.00	37.01 0.69 0.00	37.16 0.80 0.00	37.52 -0.61 0.00	37.44 -0.84 0.00	39.67 -0.73 0.00	41.07 -0.29 0.00	45.58 -0.51 0.00	44.71 -0.04 0.00	37.98 -0.19 0.00	38.11 0.04 0.00	36.24 1.16 0.00	32.43 0.73 0.00	30.83 0.69 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.19 -0.26 0.00	29.26 -0.72 0.00	26.24 -0.35 0.00	24.51 -0.42 0.00	24.05 -0.54 0.00	25.34 -0.36 0.00	27.97 -0.54 0.00	30.60 -1.21 0.00	32.49 -1.60 0.00	33.99 -1.56 0.01	34.99 -0.82 0.00	35.52 -0.80 0.00	35.78 -0.58 0.00	37.48 -0.65 0.00	37.21 -1.07 0.00	39.38 -1.01 0.00	40.91 -0.46 0.00	45.12 -0.97 0.00	44.04 -0.72 0.00	37.10 -1.07 0.00	37.04 -1.03 0.00	34.17 -0.91 0.00	30.66 -1.05 0.00	29.50 -0.63 0.00
SAWYER____23_KV_LOAD 55526	32.19 -0.26 0.00	29.26 -0.72 0.00	26.24 -0.35 0.00	24.51 -0.42 0.00	24.05 -0.54 0.00	25.34 -0.36 0.00	27.97 -0.54 0.00	30.60 -1.21 0.00	32.49 -1.60 0.00	33.99 -1.56 0.01	34.99 -0.82 0.00	35.52 -0.80 0.00	35.78 -0.58 0.00	37.48 -0.65 0.00	37.21 -1.07 0.00	39.38 -1.01 0.00	40.91 -0.46 0.00	45.12 -0.97 0.00	44.04 -0.72 0.00	37.10 -1.07 0.00	37.04 -1.03 0.00	34.17 -0.91 0.00	30.66 -1.05 0.00	29.50 -0.63 0.00

SELKIRK___I 23801	33.46 1.01 0.00	30.94 0.96 0.00	27.41 0.83 0.00	25.76 0.82 0.00	25.43 0.84 0.00	26.50 0.80 0.00	29.36 0.85 0.00	32.67 0.86 0.00	35.04 0.92 -0.02	36.43 0.85 -0.01	36.53 0.72 0.00	37.27 0.94 0.00	37.35 0.98 0.00	39.12 0.99 0.00	39.36 1.07 0.00	41.60 1.21 0.00	42.65 1.28 0.00	47.70 1.61 0.00	46.36 1.61 0.00	39.54 1.37 0.00	39.52 1.45 0.00	36.10 1.02 0.00	32.59 0.89 0.00	30.98 0.84 0.00
SELKIRK___II 23799	33.29 0.84 0.00	30.76 0.78 0.00	27.25 0.66 0.00	25.61 0.67 0.00	25.28 0.69 0.00	26.34 0.64 0.00	29.19 0.68 0.00	32.54 0.73 0.00	34.97 0.85 -0.03	36.43 0.85 -0.01	36.57 0.75 0.00	37.31 0.98 0.00	37.38 1.02 0.00	39.19 1.07 0.00	39.43 1.15 0.00	41.72 1.33 0.00	42.69 1.32 0.00	47.66 1.57 0.00	46.27 1.52 0.00	39.43 1.26 0.00	39.36 1.30 0.00	35.93 0.84 0.00	32.50 0.79 0.00	30.89 0.75 0.00
SENECA OSWGO___HYD 24041	32.34 -0.36 -0.25	29.59 -0.39 0.00	26.27 -0.32 0.00	24.61 -0.32 0.00	24.27 -0.32 0.00	25.39 -0.31 0.00	28.20 -0.31 0.00	31.43 -0.38 0.00	34.01 -0.48 -0.39	35.74 -0.50 -0.67	35.46 -0.36 0.00	36.11 -0.22 0.00	36.11 -0.25 0.00	37.86 -0.27 0.00	38.02 -0.27 0.00	39.99 -0.40 0.00	41.08 -0.29 0.00	45.81 -0.27 0.00	44.39 -0.36 0.00	37.79 -0.38 0.00	37.69 -0.38 0.00	34.63 -0.46 0.00	31.26 -0.44 0.00	29.65 -0.48 0.00
SENECA___115KV_TB3 355854	32.58 0.13 0.00	29.62 -0.36 0.00	26.53 -0.05 0.00	24.81 -0.12 0.00	24.35 -0.25 0.00	25.65 -0.05 0.00	28.34 -0.17 0.00	31.11 -0.70 0.00	33.03 -1.06 0.00	34.53 -1.03 0.01	35.60 -0.21 0.00	36.22 -0.11 0.00	36.47 0.11 0.00	38.25 0.11 -0.01	37.99 -0.31 -0.01	40.16 -0.24 -0.01	41.65 0.29 0.00	46.00 -0.09 -0.01	44.84 0.09 0.00	37.71 -0.46 0.00	37.61 -0.46 0.00	34.66 -0.42 0.00	31.10 -0.60 0.00	29.89 -0.24 0.00
SENECA___ENERGY 23797	32.68 0.13 -0.10	29.92 -0.06 0.00	26.56 -0.03 0.00	24.89 -0.05 0.00	24.52 -0.07 0.00	25.75 0.05 0.00	28.62 0.11 0.00	31.84 0.03 0.00	34.18 -0.07 -0.16	35.80 -0.04 -0.27	36.03 0.22 0.00	36.79 0.47 0.00	36.76 0.40 0.00	38.43 0.30 0.00	38.56 0.27 0.00	41.28 0.89 0.00	42.48 1.12 0.00	46.41 0.32 0.00	45.02 0.27 0.00	38.21 0.04 0.00	38.15 0.08 0.00	35.08 0.00 0.00	31.58 -0.13 0.00	29.95 -0.18 0.00
SHOEMAKER___GT 23640	34.01 1.56 0.00	31.42 1.44 0.00	27.84 1.25 0.00	26.09 1.15 0.00	25.70 1.11 0.00	26.83 1.13 0.00	29.76 1.25 0.00	33.24 1.43 0.00	35.59 1.64 0.13	37.17 1.67 0.07	37.53 1.72 0.00	38.39 2.07 0.00	38.54 2.18 0.00	40.49 2.36 0.00	40.74 2.45 0.00	43.14 2.75 0.00	44.14 2.77 0.00	49.18 3.09 0.00	47.62 2.87 0.00	40.46 2.29 0.00	40.35 2.28 0.00	36.80 1.72 0.00	33.38 1.68 0.00	31.70 1.57 0.00
SHOEMAKR_138KV_BK 111 55601	34.01 1.56 0.00	31.42 1.44 0.00	27.84 1.25 0.00	26.09 1.15 0.00	25.70 1.11 0.00	26.83 1.13 0.00	29.76 1.25 0.00	33.24 1.43 0.00	35.59 1.64 0.13	37.21 1.71 0.06	37.50 1.68 0.00	38.39 2.07 0.00	38.62 2.25 0.00	40.49 2.36 0.00	40.81 2.53 0.00	43.22 2.83 0.00	44.14 2.77 0.00	49.18 3.09 0.00	47.66 2.91 0.00	40.50 2.33 0.00	40.28 2.21 0.00	36.80 1.72 0.00	33.38 1.68 0.00	31.73 1.60 0.00
SHOREHAM_IC_1 23715	38.27 2.60 -3.22	37.26 2.31 -4.97	35.87 2.08 -7.21	28.70 1.89 -1.86	29.33 1.82 -2.91	32.64 1.93 -5.02	33.06 2.14 -2.41	37.33 2.58 -2.94	38.13 2.86 -1.17	38.52 2.88 -0.07	38.75 2.94 0.00	40.30 3.63 -0.35	40.25 3.78 -0.10	42.17 4.04 0.00	42.65 4.10 -0.26	49.41 5.09 -3.93	59.69 5.04 -13.28	64.04 5.90 -12.05	50.45 5.68 -0.01	42.38 4.20 -0.01	42.34 4.26 -0.01	38.14 3.05 0.00	34.18 2.47 0.00	32.94 2.80 0.00
SHOREHAM_IC_2 23716	38.27 2.60 -3.22	37.26 2.31 -4.97	35.87 2.08 -7.21	28.70 1.89 -1.86	29.33 1.82 -2.91	32.64 1.93 -5.02	33.06 2.14 -2.41	37.33 2.58 -2.94	38.13 2.86 -1.17	38.52 2.88 -0.07	38.75 2.94 0.00	40.30 3.63 -0.35	40.25 3.78 -0.10	42.17 4.04 0.00	42.65 4.10 -0.26	49.41 5.09 -3.93	59.69 5.04 -13.28	64.04 5.90 -12.05	50.45 5.68 -0.01	42.38 4.20 -0.01	42.34 4.26 -0.01	38.14 3.05 0.00	34.18 2.47 0.00	32.94 2.80 0.00
SISSONVILLE____ 23735	31.79 -0.68 -0.02	29.50 -0.48 0.00	26.16 -0.43 0.00	24.51 -0.42 0.00	24.20 -0.39 0.00	25.42 -0.28 0.00	28.28 -0.23 0.00	31.56 -0.25 0.00	33.76 -0.38 -0.04	35.21 -0.43 -0.07	34.96 -0.86 0.00	34.94 -1.38 0.00	34.51 -1.85 0.00	36.22 -1.91 0.00	36.14 -2.14 0.00	37.61 -2.79 0.00	38.76 -2.61 0.00	43.00 -3.09 0.00	41.89 -2.86 0.00	36.53 -1.64 0.00	36.74 -1.33 0.00	34.03 -1.05 0.00	30.72 -0.98 0.00	29.50 -0.63 0.00
SITHE_IND_GS1 24169	30.81 -0.91 0.73	29.11 -0.87 0.00	25.84 -0.74 0.00	24.24 -0.70 0.00	23.91 -0.69 0.00	25.01 -0.69 0.00	27.71 -0.80 0.00	30.89 -0.92 0.00	31.93 -1.02 1.14	32.52 -1.07 1.99	34.85 -0.97 0.00	35.45 -0.87 0.00	35.46 -0.91 0.00	37.21 -0.92 0.00	37.33 -0.96 0.00	39.34 -1.05 0.00	40.33 -1.03 0.00	44.98 -1.11 0.00	43.68 -1.07 0.00	37.18 -0.99 0.00	37.08 -0.99 0.00	34.07 -1.02 0.00	30.78 -0.92 0.00	29.23 -0.90 0.00
SITHE_IND_GS2 24170	30.81 -0.91 0.73	29.11 -0.87 0.00	25.84 -0.74 0.00	24.24 -0.70 0.00	23.91 -0.69 0.00	25.01 -0.69 0.00	27.71 -0.80 0.00	30.89 -0.92 0.00	31.93 -1.02 1.14	32.52 -1.07 1.99	34.85 -0.97 0.00	35.45 -0.87 0.00	35.46 -0.91 0.00	37.21 -0.92 0.00	37.33 -0.96 0.00	39.34 -1.05 0.00	40.33 -1.03 0.00	44.98 -1.11 0.00	43.68 -1.07 0.00	37.18 -0.99 0.00	37.08 -0.99 0.00	34.07 -1.02 0.00	30.78 -0.92 0.00	29.23 -0.90 0.00
SITHE_IND_GS3 24171	30.81 -0.91 0.73	29.11 -0.87 0.00	25.84 -0.74 0.00	24.24 -0.70 0.00	23.91 -0.69 0.00	25.01 -0.69 0.00	27.71 -0.80 0.00	30.89 -0.92 0.00	31.93 -1.02 1.14	32.52 -1.07 1.99	34.85 -0.97 0.00	35.45 -0.87 0.00	35.46 -0.91 0.00	37.21 -0.92 0.00	37.33 -0.96 0.00	39.34 -1.05 0.00	40.33 -1.03 0.00	44.98 -1.11 0.00	43.68 -1.07 0.00	37.18 -0.99 0.00	37.08 -0.99 0.00	34.07 -1.02 0.00	30.78 -0.92 0.00	29.23 -0.90 0.00
SITHE_IND_GS4 24172	30.81 -0.91 0.73	29.11 -0.87 0.00	25.84 -0.74 0.00	24.24 -0.70 0.00	23.91 -0.69 0.00	25.01 -0.69 0.00	27.71 -0.80 0.00	30.89 -0.92 0.00	31.93 -1.02 1.14	32.52 -1.07 1.99	34.85 -0.97 0.00	35.45 -0.87 0.00	35.46 -0.91 0.00	37.21 -0.92 0.00	37.33 -0.96 0.00	39.34 -1.05 0.00	40.33 -1.03 0.00	44.98 -1.11 0.00	43.68 -1.07 0.00	37.18 -0.99 0.00	37.08 -0.99 0.00	34.07 -1.02 0.00	30.78 -0.92 0.00	29.23 -0.90 0.00
SITHE___BATAVIA 24024	33.03 0.58 0.00	30.07 0.09 0.00	26.85 0.27 0.00	25.11 0.18 0.00	24.67 0.07 0.00	26.03 0.33 0.00	28.74 0.23 0.00	31.62 -0.19 0.00	33.61 -0.48 0.00	35.06 -0.50 0.01	35.92 0.11 0.00	36.72 0.40 0.00	36.65 0.29 0.00	38.40 0.27 -0.01	38.25 -0.04 -0.01	40.40 0.00 -0.01	41.86 0.50 0.00	46.37 0.28 -0.01	45.25 0.49 0.00	38.17 0.00 0.00	38.15 0.08 0.00	35.16 0.07 0.00	31.42 -0.29 0.00	30.10 -0.03 0.00

SITHE___INDEPEND 23800	30.81 -0.91 0.73	29.11 -0.87 0.00	25.84 -0.74 0.00	24.24 -0.70 0.00	23.91 -0.69 0.00	24.98 -0.72 0.00	27.71 -0.80 0.00	30.89 -0.92 0.00	31.93 -1.02 1.14	32.51 -1.07 1.99	34.85 -0.97 0.00	35.42 -0.91 0.00	35.45 -0.91 0.00	37.17 -0.95 0.00	37.29 -1.00 0.00	39.30 -1.09 0.00	40.33 -1.03 0.00	44.98 -1.11 0.00	43.63 -1.12 0.00	37.14 -1.03 0.00	37.04 -1.03 0.00	34.07 -1.02 0.00	30.78 -0.92 0.00	29.23 -0.90 0.00
SITHE___MASSENA 23902	32.06 -0.39 0.00	29.74 -0.24 0.00	26.37 -0.21 0.00	24.71 -0.22 0.00	24.40 -0.20 0.00	25.57 -0.13 0.00	28.39 -0.11 0.00	31.72 -0.10 0.00	33.92 -0.17 0.00	35.39 -0.18 0.00	35.49 -0.32 0.00	35.56 -0.76 0.00	35.46 -0.91 0.00	37.14 -0.99 0.00	37.14 -1.15 0.00	38.82 -1.58 0.00	39.59 -1.78 0.00	43.83 -2.26 0.00	42.83 -1.92 0.00	37.14 -1.03 0.00	37.00 -1.07 0.00	34.63 -0.46 0.00	31.23 -0.47 0.00	29.77 -0.36 0.00
SITHE___OGDNSBRG 24021	32.29 -0.16 0.00	29.98 0.00 0.00	26.59 0.00 0.00	24.94 0.00 0.00	24.60 0.00 0.00	25.85 0.15 0.00	28.76 0.26 0.00	32.03 0.22 0.00	34.16 0.07 0.00	35.57 0.00 0.00	35.49 -0.32 0.00	35.52 -0.80 0.00	35.16 -1.20 0.00	36.95 -1.18 0.00	36.87 -1.42 0.00	38.33 -2.06 0.00	39.50 -1.86 0.00	43.88 -2.21 0.00	42.83 -1.92 0.00	37.37 -0.80 0.00	37.61 -0.46 0.00	34.84 -0.25 0.00	31.36 -0.35 0.00	29.95 -0.18 0.00
SITHE___STERLING 23777	33.46 0.97 -0.04	30.85 0.87 0.00	27.36 0.77 0.00	25.64 0.70 0.00	25.28 0.69 0.00	26.52 0.82 0.00	29.45 0.94 0.00	32.86 1.05 0.00	35.37 1.23 -0.05	36.97 1.32 -0.09	37.14 1.33 0.00	37.88 1.56 0.00	37.89 1.53 0.00	39.80 1.68 0.00	39.97 1.68 0.00	42.13 1.74 0.00	43.06 1.70 0.00	48.03 1.94 0.00	46.63 1.88 0.00	39.70 1.53 0.00	39.71 1.64 0.00	36.31 1.23 0.00	32.65 0.95 0.00	30.98 0.84 0.00
SLEIGHT___34_KV_TB1 80719	32.44 -0.03 -0.03	29.77 -0.21 0.00	26.45 -0.13 0.00	24.74 -0.20 0.00	24.35 -0.25 0.00	25.60 -0.10 0.00	28.39 -0.11 0.00	31.56 -0.25 0.00	33.76 -0.38 -0.05	35.28 -0.36 -0.07	35.78 -0.04 0.00	36.36 0.04 0.00	36.44 0.07 0.00	38.13 0.00 0.00	38.10 -0.19 0.00	40.47 0.08 0.00	41.74 0.37 0.00	46.00 -0.09 0.00	44.66 -0.09 0.00	37.82 -0.34 0.00	37.80 -0.27 0.00	34.77 -0.32 0.00	31.23 -0.48 0.00	29.71 -0.42 0.00
SOUTH CAIRO___GT 23612	34.30 1.85 0.00	31.72 1.74 0.00	28.07 1.49 0.00	26.41 1.47 0.00	26.10 1.50 0.00	27.19 1.49 0.00	30.19 1.68 0.00	33.24 1.43 0.00	35.85 1.74 -0.02	37.04 1.46 -0.01	37.03 1.22 0.00	37.63 1.31 0.00	37.71 1.35 0.00	39.61 1.49 0.00	39.93 1.65 0.00	42.21 1.82 0.00	43.27 1.90 0.00	48.58 2.49 0.00	47.35 2.60 0.00	40.38 2.21 0.00	40.47 2.40 0.00	36.70 1.61 0.00	33.07 1.36 0.00	31.40 1.27 0.00
SOUTH HAMPTN___IC 23720	38.76 3.08 -3.22	37.68 2.73 -4.97	36.27 2.47 -7.21	29.07 2.27 -1.86	29.72 2.21 -2.91	33.11 2.39 -5.02	33.60 2.68 -2.41	38.00 3.25 -2.94	38.98 3.72 -1.17	39.44 3.81 -0.07	39.86 4.05 0.00	41.42 4.76 -0.34	41.34 4.87 -0.10	43.32 5.18 0.00	43.75 5.21 -0.25	50.45 6.18 -3.88	60.81 6.20 -13.25	65.23 7.09 -12.05	51.61 6.85 -0.01	43.33 5.15 -0.01	43.22 5.14 -0.01	38.98 3.89 0.00	34.75 3.04 0.00	33.48 3.34 0.00
SOUTHDOW___115KV_TB1 355954	33.55 1.10 0.00	30.43 0.45 0.00	27.30 0.72 0.00	25.54 0.60 0.00	25.06 0.47 0.00	26.44 0.75 0.00	29.36 0.86 0.00	32.51 0.70 0.00	34.40 0.31 0.00	35.99 0.43 0.01	37.25 1.43 0.00	37.99 1.67 0.00	38.25 1.89 0.00	40.08 1.94 0.00	39.74 1.45 0.00	42.01 1.62 0.00	43.35 1.99 0.00	47.80 1.71 0.00	46.59 1.83 0.00	39.08 0.92 0.00	38.91 0.84 0.00	35.75 0.67 0.00	32.05 0.35 0.00	30.59 0.45 0.00
SOUTHOLD_69_KV_BK 2 55809	39.05 3.37 -3.22	37.92 2.97 -4.97	36.51 2.71 -7.21	29.30 2.49 -1.86	30.04 2.53 -2.91	33.54 2.83 -5.02	34.14 3.22 -2.41	38.60 3.85 -2.94	39.80 4.53 -1.17	40.44 4.80 -0.07	40.90 5.09 0.00	42.59 5.92 -0.34	42.46 6.00 -0.10	44.35 6.21 0.00	45.01 6.47 -0.25	51.87 7.59 -3.88	61.93 7.32 -13.24	66.62 8.48 -12.05	52.91 8.14 -0.01	44.48 6.30 -0.01	44.09 6.02 -0.01	39.83 4.74 0.00	35.41 3.71 0.00	33.99 3.86 0.00
SOUTHOLD___IC 23719	39.05 3.37 -3.22	37.92 2.97 -4.97	36.51 2.71 -7.21	29.30 2.49 -1.86	30.04 2.53 -2.91	33.54 2.83 -5.02	34.11 3.19 -2.41	38.60 3.85 -2.94	39.76 4.50 -1.17	40.37 4.73 -0.07	40.94 5.12 0.00	42.59 5.92 -0.34	42.39 5.93 -0.10	44.35 6.22 0.00	44.82 6.28 -0.25	51.54 7.27 -3.88	61.97 7.36 -13.25	66.57 8.43 -12.05	52.86 8.10 -0.01	44.36 6.18 -0.01	44.17 6.09 -0.01	39.79 4.70 0.00	35.32 3.61 0.00	34.00 3.86 0.00
SOUTH_FORK_WT_PWR 323839	38.69 3.02 -3.22	37.65 2.70 -4.97	36.29 2.50 -7.21	29.12 2.32 -1.86	29.89 2.39 -2.91	33.47 2.75 -5.02	34.06 3.14 -2.41	38.57 3.82 -2.94	39.80 4.53 -1.17	40.44 4.80 -0.07	41.04 5.23 0.00	42.66 5.99 -0.34	42.43 5.96 -0.10	44.35 6.22 0.00	44.78 6.24 -0.25	51.46 7.19 -3.88	61.85 7.24 -13.25	66.48 8.34 -12.05	52.81 8.05 -0.01	44.32 6.15 -0.01	44.13 6.05 -0.01	39.72 4.63 0.00	35.22 3.52 0.00	33.93 3.80 0.00
SPIERFLS_115KV_TB 1 80737	34.40 1.95 0.00	31.96 1.98 0.00	28.13 1.54 0.00	26.41 1.47 0.00	26.10 1.50 0.00	27.34 1.64 0.00	30.50 2.00 0.00	33.78 1.97 0.00	36.37 2.25 -0.03	37.86 2.28 -0.01	37.64 1.83 0.00	38.36 2.03 0.00	38.40 2.04 0.00	40.03 1.91 0.00	40.32 2.03 0.00	42.57 2.18 0.00	43.51 2.15 0.00	48.99 2.90 0.00	48.15 3.40 0.00	40.99 2.82 0.00	41.15 3.08 0.00	37.47 2.39 0.00	33.54 1.84 0.00	31.82 1.69 0.00
ST LAWRENCE____ 23600	31.80 -0.65 0.00	29.47 -0.51 0.00	26.13 -0.45 0.00	24.49 -0.45 0.00	24.15 -0.44 0.00	25.29 -0.41 0.00	28.08 -0.43 0.00	31.34 -0.48 0.00	33.58 -0.51 0.00	35.04 -0.53 0.00	35.17 -0.64 0.00	35.31 -1.02 0.00	35.27 -1.09 0.00	36.95 -1.18 0.00	37.02 -1.26 0.00	38.94 -1.45 0.00	39.79 -1.57 0.00	44.20 -1.89 0.00	43.05 -1.70 0.00	36.98 -1.18 0.00	36.89 -1.18 0.00	34.42 -0.67 0.00	31.04 -0.67 0.00	29.53 -0.60 0.00
STATE_CA_115KV_115_LB 55624	33.39 0.94 0.00	30.88 0.90 0.00	27.33 0.74 0.00	25.69 0.75 0.00	25.38 0.79 0.00	26.47 0.77 0.00	29.33 0.83 0.00	32.67 0.86 0.00	35.14 1.02 -0.03	36.61 1.03 -0.01	36.71 0.90 0.00	37.49 1.16 0.00	37.60 1.24 0.00	39.39 1.26 0.00	39.67 1.38 0.00	41.93 1.53 0.00	42.85 1.49 0.00	47.93 1.84 0.00	46.54 1.79 0.00	39.66 1.49 0.00	39.52 1.45 0.00	36.10 1.02 0.00	32.59 0.89 0.00	30.95 0.81 0.00
STATE_ST_34_KV_LOAD 55959	32.86 0.29 -0.12	30.16 0.18 0.00	26.75 0.16 0.00	25.06 0.12 0.00	24.69 0.10 0.00	25.88 0.18 0.00	28.76 0.26 0.00	32.07 0.25 0.00	34.45 0.17 -0.18	36.09 0.21 -0.31	36.24 0.43 0.00	36.91 0.58 0.00	36.94 0.58 0.00	38.70 0.57 0.00	38.82 0.54 0.00	41.73 1.33 0.00	42.94 1.57 0.00	46.74 0.65 0.00	45.29 0.54 0.00	38.44 0.27 0.00	38.41 0.34 0.00	35.30 0.21 0.00	31.80 0.10 0.00	30.13 0.00 0.00

STATION 5_MISC_HYD 23604	32.55 0.10 0.00	29.77 -0.21 0.00	26.53 -0.05 0.00	24.79 -0.15 0.00	24.37 -0.22 0.00	25.65 -0.05 0.00	28.37 -0.14 0.00	31.40 -0.41 0.00	33.51 -0.58 0.00	34.99 -0.57 0.01	35.67 -0.14 0.00	36.43 0.11 0.00	36.40 0.04 0.00	38.09 -0.04 0.00	38.06 -0.23 0.00	40.23 -0.16 0.00	41.53 0.17 0.00	46.04 -0.05 0.00	44.80 0.04 0.00	37.90 -0.27 0.00	37.88 -0.19 0.00	34.84 -0.24 0.00	31.26 -0.44 0.00	29.83 -0.30 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.80 0.32 -0.03	30.07 0.09 0.00	26.72 0.13 0.00	24.99 0.05 0.00	24.60 0.00 0.00	25.85 0.15 0.00	28.68 0.17 0.00	31.88 0.06 0.00	34.11 -0.03 -0.05	35.64 0.00 -0.07	36.21 0.39 0.00	36.76 0.44 0.00	36.87 0.51 0.00	38.51 0.38 0.00	38.44 0.15 0.00	40.88 0.48 0.00	42.19 0.83 0.00	46.50 0.41 0.00	45.20 0.45 0.00	38.21 0.04 0.00	38.18 0.11 0.00	35.19 0.11 0.00	31.58 -0.13 0.00	30.04 -0.09 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.38 -0.06 0.00	29.65 -0.33 0.00	26.37 -0.21 0.00	24.66 -0.27 0.00	24.28 -0.32 0.00	25.49 -0.21 0.00	28.22 -0.29 0.00	31.30 -0.51 0.00	33.41 -0.68 0.00	34.92 -0.64 0.01	35.60 -0.21 0.00	36.14 -0.18 0.00	36.25 -0.11 0.00	37.90 -0.23 0.00	37.75 -0.54 0.00	40.03 -0.36 0.00	41.32 -0.04 0.00	45.77 -0.32 0.00	44.53 -0.22 0.00	37.63 -0.53 0.00	37.65 -0.42 0.00	34.66 -0.42 0.00	31.10 -0.60 0.00	29.68 -0.45 0.00
STA_56____34_KV_BUS2 355983	32.38 -0.06 0.00	29.65 -0.33 0.00	26.37 -0.21 0.00	24.66 -0.27 0.00	24.28 -0.32 0.00	25.49 -0.21 0.00	28.22 -0.29 0.00	31.30 -0.51 0.00	33.41 -0.68 0.00	34.92 -0.64 0.01	35.60 -0.21 0.00	36.14 -0.18 0.00	36.25 -0.11 0.00	37.90 -0.23 0.00	37.75 -0.54 0.00	40.03 -0.36 0.00	41.32 -0.04 0.00	45.77 -0.32 0.00	44.53 -0.22 0.00	37.63 -0.53 0.00	37.65 -0.42 0.00	34.66 -0.42 0.00	31.10 -0.60 0.00	29.68 -0.45 0.00
STA_67____115KV_BK2 355882	32.45 0.00 0.00	29.71 -0.27 0.00	26.45 -0.13 0.00	24.74 -0.20 0.00	24.32 -0.27 0.00	25.57 -0.13 0.00	28.31 -0.20 0.00	31.30 -0.51 0.00	33.41 -0.68 0.00	34.92 -0.64 0.01	35.60 -0.21 0.00	36.14 -0.18 0.00	36.29 -0.07 0.00	37.90 -0.23 0.00	37.79 -0.50 0.00	40.03 -0.36 0.00	41.36 0.00 0.00	45.81 -0.28 0.00	44.62 -0.13 0.00	37.71 -0.46 0.00	37.69 -0.38 0.00	34.73 -0.35 0.00	31.17 -0.54 0.00	29.77 -0.36 0.00
STA_7____115KV_9TRANS 80674	32.71 0.26 0.00	29.95 -0.03 0.00	26.64 0.05 0.00	24.91 -0.02 0.00	24.50 -0.10 0.00	25.75 0.05 0.00	28.51 0.00 0.00	31.56 -0.25 0.00	33.68 -0.41 0.00	35.20 -0.36 0.01	35.96 0.14 0.00	36.47 0.15 0.00	36.62 0.25 0.00	38.28 0.15 0.00	38.10 -0.19 0.00	40.39 0.00 0.00	41.78 0.41 0.00	46.23 0.14 0.00	45.02 0.27 0.00	38.02 -0.15 0.00	38.03 -0.04 0.00	35.01 -0.07 0.00	31.39 -0.32 0.00	29.95 -0.18 0.00
STA_82____115KV_TB1 80780	32.48 0.03 0.00	29.74 -0.24 0.00	26.48 -0.11 0.00	24.74 -0.20 0.00	24.35 -0.25 0.00	25.60 -0.10 0.00	28.31 -0.20 0.00	31.33 -0.48 0.00	33.44 -0.65 0.00	34.92 -0.64 0.01	35.64 -0.18 0.00	36.14 -0.18 0.00	36.29 -0.07 0.00	37.94 -0.19 0.00	37.79 -0.50 0.00	40.03 -0.36 0.00	41.41 0.04 0.00	45.81 -0.28 0.00	44.62 -0.13 0.00	37.71 -0.46 0.00	37.69 -0.38 0.00	34.73 -0.35 0.00	31.17 -0.54 0.00	29.77 -0.36 0.00
STEEL____WIND 323596	32.55 0.10 0.00	29.59 -0.39 0.00	26.51 -0.08 0.00	24.79 -0.15 0.00	24.33 -0.27 0.00	25.65 -0.05 0.00	28.31 -0.20 0.00	31.08 -0.73 0.00	33.00 -1.09 0.00	34.46 -1.10 0.01	35.49 -0.32 0.00	36.47 0.15 0.00	36.40 0.04 0.00	38.25 0.11 -0.01	38.14 -0.15 -0.01	40.16 -0.24 -0.01	41.66 0.29 0.00	46.05 -0.05 -0.01	44.84 0.09 0.00	37.82 -0.34 0.00	37.65 -0.42 0.00	34.70 -0.39 0.00	31.10 -0.60 0.00	29.86 -0.27 0.00
STEPHTWN_115KV_BK_2 55603	33.58 1.14 0.00	31.03 1.05 0.00	27.46 0.88 0.00	25.81 0.87 0.00	25.48 0.89 0.00	26.60 0.90 0.00	29.51 1.00 0.00	32.86 1.05 0.00	35.31 1.19 -0.03	36.79 1.21 -0.01	36.89 1.07 0.00	37.67 1.34 0.00	37.78 1.42 0.00	39.58 1.45 0.00	39.89 1.61 0.00	42.21 1.82 0.00	43.18 1.82 0.00	48.30 2.21 0.00	46.94 2.19 0.00	39.96 1.79 0.00	39.86 1.79 0.00	36.38 1.30 0.00	32.81 1.11 0.00	31.16 1.02 0.00
STEUBEN_REC_LFGE 323667	33.26 0.78 -0.04	30.37 0.39 0.00	27.12 0.53 0.00	25.36 0.42 0.00	24.94 0.34 0.00	26.32 0.62 0.00	29.25 0.74 0.00	32.35 0.54 0.00	34.39 0.24 -0.06	35.99 0.32 -0.10	36.75 0.93 0.00	37.49 1.16 0.00	37.71 1.35 0.00	39.31 1.18 0.00	39.21 0.92 0.00	41.48 1.09 0.00	42.85 1.49 0.00	47.47 1.38 0.00	46.14 1.39 0.00	38.89 0.73 0.00	38.91 0.84 0.00	35.93 0.84 0.00	32.18 0.48 0.00	30.59 0.45 0.00
STILLWATER____SOLAR 323814	34.49 2.05 0.00	31.96 1.98 0.00	28.21 1.62 0.00	26.49 1.55 0.00	26.15 1.55 0.00	27.35 1.65 0.00	30.42 1.91 0.00	33.79 1.97 0.00	36.30 2.18 -0.03	37.82 2.24 -0.01	37.78 1.97 0.00	38.58 2.25 0.00	38.58 2.22 0.00	40.34 2.21 0.00	40.62 2.34 0.00	42.94 2.55 0.00	43.97 2.61 0.00	49.36 3.27 0.00	48.15 3.40 0.00	41.03 2.86 0.00	41.08 3.01 0.00	37.40 2.32 0.00	33.64 1.93 0.00	31.94 1.81 0.00
STONY____BROOK 24151	38.69 3.02 -3.22	37.68 2.73 -4.97	36.19 2.39 -7.21	29.00 2.20 -1.86	29.63 2.12 -2.91	32.95 2.23 -5.02	33.40 2.48 -2.41	37.74 2.99 -2.94	38.40 3.13 -1.17	38.80 3.16 -0.07	39.00 3.19 0.00	40.61 3.92 -0.36	40.58 4.11 -0.11	42.51 4.38 0.00	42.91 4.40 -0.23	49.47 5.01 -4.06	59.78 5.04 -13.38	63.67 5.53 -12.05	50.05 5.28 -0.02	42.46 4.27 -0.02	42.27 4.19 -0.02	38.35 3.26 0.00	34.53 2.82 0.00	33.27 3.13 0.00
STURGEON_POOL_HYD 23609	34.36 1.91 0.00	31.72 1.74 0.00	28.10 1.52 0.00	26.33 1.40 0.00	25.92 1.33 0.00	27.04 1.34 0.00	29.99 1.48 0.00	33.53 1.72 0.00	36.21 2.11 -0.01	37.71 2.13 0.00	37.96 2.15 0.00	38.87 2.54 0.00	39.16 2.80 0.00	41.10 2.97 0.00	41.43 3.14 0.00	43.91 3.51 0.00	44.80 3.43 0.00	49.78 3.69 0.00	48.20 3.45 0.00	40.92 2.75 0.00	40.62 2.55 0.00	37.08 2.00 0.00	33.73 2.03 0.00	32.06 1.93 0.00
ST_LAW_115_BK7_LBMP 345037	31.77 -0.68 0.00	29.44 -0.54 0.00	26.11 -0.48 0.00	24.46 -0.47 0.00	24.13 -0.47 0.00	25.26 -0.44 0.00	28.05 -0.46 0.00	31.34 -0.48 0.00	33.54 -0.55 0.00	35.00 -0.57 0.00	35.13 -0.68 0.00	35.24 -1.09 0.00	35.20 -1.17 0.00	36.87 -1.26 0.00	36.95 -1.34 0.00	38.82 -1.58 0.00	39.63 -1.74 0.00	44.02 -2.07 0.00	42.87 -1.88 0.00	36.87 -1.30 0.00	36.78 -1.29 0.00	34.35 -0.74 0.00	31.01 -0.70 0.00	29.50 -0.63 0.00
ST_LAW_115_BK8_LBMP 345038	31.77 -0.68 0.00	29.44 -0.54 0.00	26.11 -0.48 0.00	24.46 -0.47 0.00	24.13 -0.47 0.00	25.26 -0.44 0.00	28.05 -0.46 0.00	31.34 -0.48 0.00	33.54 -0.55 0.00	35.00 -0.57 0.00	35.13 -0.68 0.00	35.24 -1.09 0.00	35.20 -1.17 0.00	36.87 -1.26 0.00	36.95 -1.34 0.00	38.82 -1.58 0.00	39.63 -1.74 0.00	44.02 -2.07 0.00	42.87 -1.88 0.00	36.87 -1.30 0.00	36.78 -1.29 0.00	34.35 -0.74 0.00	31.01 -0.70 0.00	29.50 -0.63 0.00

ST_LAW_230_BK5_LBMP 345035	31.80 -0.65 0.00	29.47 -0.51 0.00	26.13 -0.45 0.00	24.49 -0.45 0.00	24.15 -0.44 0.00	25.29 -0.41 0.00	28.08 -0.43 0.00	31.34 -0.48 0.00	33.58 -0.51 0.00	35.04 -0.53 0.00	35.17 -0.64 0.00	35.31 -1.02 0.00	35.27 -1.09 0.00	36.95 -1.18 0.00	37.02 -1.26 0.00	38.94 -1.45 0.00	39.79 -1.57 0.00	44.20 -1.89 0.00	43.05 -1.70 0.00	36.98 -1.18 0.00	36.89 -1.18 0.00	34.42 -0.67 0.00	31.04 -0.67 0.00	29.53 -0.60 0.00
ST_LAW_230_BK6_LBMP 345036	31.80 -0.65 0.00	29.47 -0.51 0.00	26.13 -0.45 0.00	24.49 -0.45 0.00	24.15 -0.44 0.00	25.29 -0.41 0.00	28.08 -0.43 0.00	31.34 -0.48 0.00	33.58 -0.51 0.00	35.04 -0.53 0.00	35.17 -0.64 0.00	35.31 -1.02 0.00	35.27 -1.09 0.00	36.95 -1.18 0.00	37.02 -1.26 0.00	38.94 -1.45 0.00	39.79 -1.57 0.00	44.20 -1.89 0.00	43.05 -1.70 0.00	36.98 -1.18 0.00	36.89 -1.18 0.00	34.42 -0.67 0.00	31.04 -0.67 0.00	29.53 -0.60 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.20 1.75 0.00	31.60 1.62 0.00	27.97 1.38 0.00	26.21 1.27 0.00	25.82 1.23 0.00	26.96 1.26 0.00	29.90 1.40 0.00	33.43 1.62 0.00	35.77 1.84 0.16	37.45 1.96 0.08	37.75 1.93 0.00	38.72 2.40 0.00	38.94 2.58 0.00	40.87 2.75 0.00	41.20 2.91 0.00	43.67 3.27 0.00	44.55 3.19 0.00	49.59 3.50 0.00	48.06 3.31 0.00	40.80 2.63 0.00	40.54 2.47 0.00	37.05 1.96 0.00	33.64 1.93 0.00	31.94 1.81 0.00
SWANROAD_115KV_TB1 355699	31.67 -0.78 0.00	28.81 -1.17 0.00	25.84 -0.74 0.00	24.17 -0.77 0.00	23.73 -0.86 0.00	24.98 -0.72 0.00	27.51 -1.00 0.00	30.03 -1.78 0.00	31.88 -2.22 0.00	33.32 -2.24 0.01	34.27 -1.54 0.00	34.76 -1.56 0.00	35.02 -1.35 0.00	36.64 -1.49 0.00	36.34 -1.95 0.00	38.46 -1.94 0.00	40.00 -1.37 0.00	44.11 -1.98 0.00	43.10 -1.66 0.00	36.34 -1.83 0.00	36.32 -1.75 0.00	33.51 -1.58 0.00	30.06 -1.65 0.00	29.02 -1.11 0.00
SYNERGY___BIOGAS 323694	33.03 0.58 0.00	30.07 0.09 0.00	26.85 0.27 0.00	25.11 0.18 0.00	24.67 0.07 0.00	26.03 0.33 0.00	28.74 0.23 0.00	31.62 -0.19 0.00	33.61 -0.48 0.00	35.06 -0.50 0.01	35.92 0.11 0.00	36.72 0.40 0.00	36.65 0.29 0.00	38.40 0.27 -0.01	38.25 -0.04 -0.01	40.40 0.00 -0.01	41.86 0.50 0.00	46.37 0.28 -0.01	45.25 0.49 0.00	38.17 0.00 0.00	38.15 0.08 0.00	35.16 0.07 0.00	31.42 -0.29 0.00	30.10 -0.03 0.00
SYRACUSE___ENERGY_ST1 323597	32.65 0.06 -0.14	29.98 0.00 0.00	26.59 0.00 0.00	24.91 -0.02 0.00	24.57 -0.02 0.00	25.70 0.00 0.00	28.54 0.03 0.00	31.84 0.03 0.00	34.28 -0.03 -0.22	35.94 0.00 -0.37	35.96 0.14 0.00	36.58 0.25 0.00	36.62 0.25 0.00	38.39 0.27 0.00	38.52 0.23 0.00	41.24 0.85 0.00	42.40 1.03 0.00	46.32 0.23 0.00	44.89 0.13 0.00	38.13 -0.04 0.00	38.07 0.00 0.00	34.98 -0.11 0.00	31.58 -0.13 0.00	29.95 -0.18 0.00
SYRACUSE___ENERGY_ST2 323598	32.65 0.06 -0.14	29.98 0.00 0.00	26.59 0.00 0.00	24.91 -0.02 0.00	24.57 -0.02 0.00	25.70 0.00 0.00	28.54 0.03 0.00	31.84 0.03 0.00	34.28 -0.03 -0.22	35.94 0.00 -0.37	35.96 0.14 0.00	36.58 0.25 0.00	36.62 0.25 0.00	38.39 0.27 0.00	38.52 0.23 0.00	41.24 0.85 0.00	42.40 1.03 0.00	46.32 0.23 0.00	44.89 0.13 0.00	38.13 -0.04 0.00	38.07 0.00 0.00	34.98 -0.11 0.00	31.58 -0.13 0.00	29.95 -0.18 0.00
SYRACUSE___POWER 24017	32.51 -0.03 -0.09	29.89 -0.09 0.00	26.53 -0.05 0.00	24.86 -0.07 0.00	24.50 -0.10 0.00	25.65 -0.05 0.00	28.48 -0.03 0.00	31.78 -0.03 0.00	34.17 -0.07 -0.15	35.78 -0.04 -0.24	35.89 0.07 0.00	36.51 0.18 0.00	36.58 0.22 0.00	38.36 0.23 0.00	38.48 0.19 0.00	40.84 0.44 0.00	41.94 0.58 0.00	46.46 0.37 0.00	45.07 0.31 0.00	38.28 0.11 0.00	38.18 0.11 0.00	35.12 0.04 0.00	31.67 -0.03 0.00	30.04 -0.09 0.00
TALLMAN___138KV_BK151 55660	34.40 1.95 0.00	31.78 1.80 0.00	28.13 1.54 0.00	26.36 1.42 0.00	25.95 1.35 0.00	27.11 1.41 0.00	30.08 1.57 0.00	33.66 1.85 0.00	35.95 2.08 0.23	37.67 2.21 0.11	38.04 2.22 0.00	39.05 2.72 0.00	39.31 2.95 0.00	41.22 3.09 0.00	41.58 3.29 0.00	44.07 3.68 0.00	44.96 3.60 0.00	50.05 3.96 0.00	48.47 3.71 0.00	41.15 2.98 0.00	40.81 2.74 0.00	37.33 2.25 0.00	33.92 2.22 0.00	32.21 2.08 0.00
TEALLAVE_115KV_TB7 355573	32.39 -0.13 -0.08	29.80 -0.18 0.00	26.45 -0.13 0.00	24.79 -0.15 0.00	24.45 -0.15 0.00	25.57 -0.13 0.00	28.39 -0.11 0.00	31.68 -0.13 0.00	34.01 -0.20 -0.12	35.56 -0.21 -0.20	35.74 -0.07 0.00	36.36 0.04 0.00	36.40 0.04 0.00	38.17 0.04 0.00	38.29 0.00 0.00	40.55 0.16 0.00	41.65 0.29 0.00	46.23 0.14 0.00	44.84 0.09 0.00	38.09 -0.08 0.00	37.99 -0.08 0.00	34.94 -0.14 0.00	31.55 -0.16 0.00	29.92 -0.21 0.00
TELGRAPH_34_KV_EAST 80808	32.51 0.06 0.00	29.59 -0.39 0.00	26.48 -0.11 0.00	24.74 -0.20 0.00	24.30 -0.30 0.00	25.60 -0.10 0.00	28.25 -0.26 0.00	30.98 -0.83 0.00	32.93 -1.16 0.00	34.42 -1.14 0.01	35.35 -0.47 0.00	35.82 -0.51 0.00	36.07 -0.29 0.00	37.75 -0.38 -0.01	37.45 -0.84 -0.01	39.63 -0.77 -0.01	41.16 -0.21 0.00	45.45 -0.65 -0.01	44.35 -0.40 0.00	37.37 -0.80 0.00	37.38 -0.69 0.00	34.45 -0.63 0.00	30.88 -0.82 0.00	29.68 -0.45 0.00
TEMPLE___115KV_TB 2 55572	32.43 -0.10 -0.08	29.83 -0.15 0.00	26.45 -0.13 0.00	24.79 -0.15 0.00	24.45 -0.15 0.00	25.57 -0.13 0.00	28.39 -0.11 0.00	31.68 -0.13 0.00	34.04 -0.17 -0.12	35.59 -0.18 -0.20	35.78 -0.04 0.00	36.40 0.07 0.00	36.44 0.07 0.00	38.20 0.08 0.00	38.32 0.04 0.00	40.60 0.20 0.00	41.69 0.33 0.00	46.32 0.23 0.00	44.89 0.13 0.00	38.13 -0.04 0.00	38.03 -0.04 0.00	34.98 -0.11 0.00	31.58 -0.13 0.00	29.95 -0.18 0.00
TIANA___69_KV_BK 1 55817	38.72 3.05 -3.22	37.65 2.70 -4.97	36.21 2.42 -7.21	29.02 2.22 -1.86	29.65 2.14 -2.91	33.03 2.31 -5.02	33.51 2.59 -2.41	37.84 3.09 -2.94	38.81 3.55 -1.17	39.30 3.66 -0.07	39.50 3.69 0.00	41.17 4.50 -0.34	41.16 4.69 -0.10	43.05 4.92 0.00	43.75 5.21 -0.25	50.53 6.26 -3.88	60.52 5.92 -13.24	65.05 6.91 -12.05	51.34 6.58 -0.01	43.25 5.08 -0.01	42.95 4.87 -0.01	38.84 3.75 0.00	34.75 3.04 0.00	33.39 3.25 0.00
TILDEN___115KV_TB1 80814	32.51 -0.03 -0.09	29.89 -0.09 0.00	26.53 -0.05 0.00	24.86 -0.07 0.00	24.50 -0.10 0.00	25.65 -0.05 0.00	28.48 -0.03 0.00	31.78 -0.03 0.00	34.17 -0.07 -0.15	35.78 -0.04 -0.24	35.89 0.07 0.00	36.51 0.18 0.00	36.58 0.22 0.00	38.36 0.23 0.00	38.48 0.19 0.00	40.84 0.44 0.00	41.94 0.58 0.00	46.46 0.37 0.00	45.07 0.31 0.00	38.28 0.11 0.00	38.18 0.11 0.00	35.12 0.04 0.00	31.67 -0.03 0.00	30.04 -0.09 0.00
TRIGEN___CC 323695	38.43 2.76 -3.22	37.47 2.52 -4.97	35.97 2.18 -7.21	28.80 2.00 -1.86	29.43 1.92 -2.91	32.75 2.03 -5.02	33.20 2.28 -2.41	37.49 2.74 -2.94	38.33 3.07 -1.17	38.80 3.17 -0.07	38.86 3.04 0.00	41.65 3.71 -1.63	40.76 3.93 -0.47	42.17 4.04 0.00	42.57 4.29 0.00	63.59 4.77 -18.43	69.42 4.76 -23.30	63.29 5.16 -12.04	49.63 4.88 0.00	42.10 3.93 0.00	41.76 3.69 0.00	38.21 3.12 0.00	34.53 2.82 0.00	32.94 2.80 0.00

TRINITY__115KV__4 BK 55933	33.23 0.78 0.00	30.73 0.75 0.00	27.22 0.64 0.00	25.59 0.65 0.00	25.26 0.66 0.00	26.34 0.64 0.00	29.16 0.66 0.00	32.51 0.70 0.00	34.94 0.82 -0.03	36.40 0.82 -0.01	36.50 0.68 0.00	37.27 0.94 0.00	37.38 1.02 0.00	39.16 1.03 0.00	39.44 1.15 0.00	41.69 1.29 0.00	42.65 1.28 0.00	47.66 1.57 0.00	46.27 1.52 0.00	39.43 1.26 0.00	39.29 1.22 0.00	35.89 0.81 0.00	32.43 0.73 0.00	30.83 0.69 0.00
UNION__PROCESSING_DRP 323587	32.48 0.03 0.00	29.74 -0.24 0.00	26.48 -0.11 0.00	24.76 -0.17 0.00	24.35 -0.25 0.00	25.60 -0.10 0.00	28.31 -0.20 0.00	31.33 -0.48 0.00	33.44 -0.65 0.00	34.95 -0.60 0.01	35.64 -0.18 0.00	36.14 -0.18 0.00	36.33 -0.04 0.00	37.94 -0.19 0.00	37.79 -0.50 0.00	40.07 -0.32 0.00	41.41 0.04 0.00	45.81 -0.28 0.00	44.62 -0.13 0.00	37.71 -0.46 0.00	37.73 -0.34 0.00	34.73 -0.35 0.00	31.20 -0.51 0.00	29.77 -0.36 0.00
UPPER HUDSON__HYD 24058	34.40 1.95 0.00	31.96 1.98 0.00	28.13 1.54 0.00	26.41 1.47 0.00	26.10 1.50 0.00	27.35 1.65 0.00	30.47 1.97 0.00	33.79 1.97 0.00	36.37 2.25 -0.03	37.86 2.28 -0.01	37.64 1.83 0.00	38.39 2.07 0.00	38.40 2.04 0.00	40.03 1.91 0.00	40.31 2.03 0.00	42.57 2.18 0.00	43.55 2.19 0.00	49.00 2.91 0.00	48.15 3.40 0.00	40.99 2.82 0.00	41.23 3.16 0.00	37.47 2.39 0.00	33.54 1.84 0.00	31.82 1.69 0.00
UPPER RAQUET__HYD 24056	31.79 -0.68 -0.02	29.50 -0.48 0.00	26.16 -0.43 0.00	24.51 -0.42 0.00	24.20 -0.39 0.00	25.42 -0.28 0.00	28.28 -0.23 0.00	31.56 -0.26 0.00	33.76 -0.37 -0.04	35.22 -0.43 -0.07	34.92 -0.89 0.00	34.83 -1.49 0.00	34.51 -1.85 0.00	36.14 -1.98 0.00	36.14 -2.14 0.00	37.69 -2.71 0.00	38.68 -2.69 0.00	42.82 -3.27 0.00	41.89 -2.87 0.00	36.53 -1.64 0.00	36.40 -1.67 0.00	34.03 -1.05 0.00	30.72 -0.98 0.00	29.50 -0.63 0.00
VALLEY44_115KV_TB2 355964	32.32 -0.13 0.00	29.38 -0.60 0.00	26.35 -0.24 0.00	24.64 -0.30 0.00	24.18 -0.42 0.00	25.44 -0.26 0.00	28.19 -0.31 0.00	31.11 -0.70 0.00	33.03 -1.06 0.00	34.53 -1.03 0.01	35.67 -0.14 0.00	36.47 0.15 0.00	36.76 0.40 0.00	38.59 0.46 0.00	38.48 0.19 0.00	40.76 0.36 0.00	42.19 0.83 0.00	46.69 0.60 0.00	45.47 0.72 0.00	38.21 0.04 0.00	37.99 -0.08 0.00	34.98 -0.11 0.00	31.39 -0.32 0.00	29.92 -0.21 0.00
VALLEY__115KV_TB 1-4 80826	33.00 0.55 0.00	30.52 0.54 0.00	27.04 0.45 0.00	25.39 0.45 0.00	25.06 0.47 0.00	26.21 0.51 0.00	29.08 0.57 0.00	32.45 0.64 0.00	34.67 0.58 0.00	36.28 0.71 0.00	36.53 0.72 0.00	37.16 0.84 0.00	37.24 0.87 0.00	39.04 0.92 0.00	39.21 0.92 0.00	41.32 0.93 0.00	42.32 0.95 0.00	47.15 1.06 0.00	45.78 1.03 0.00	38.93 0.76 0.00	38.79 0.72 0.00	35.61 0.53 0.00	32.12 0.41 0.00	30.56 0.42 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.03 1.56 -0.02	31.42 1.44 0.00	27.84 1.25 0.00	26.14 1.20 0.00	25.75 1.16 0.00	26.96 1.26 0.00	29.96 1.45 0.00	35.53 3.72 0.00	37.95 3.78 -0.07	39.60 3.91 -0.12	39.90 4.08 0.00	40.68 4.36 0.00	40.69 4.33 0.00	42.70 4.58 0.00	42.77 4.48 0.00	45.08 4.69 0.00	46.58 5.21 0.00	52.13 6.04 0.00	50.75 6.00 0.00	43.05 4.89 0.00	43.29 5.22 0.00	39.19 4.10 0.00	34.91 3.20 0.00	33.03 2.89 0.00
VISCHER__FERRY HYD 24020	33.91 1.46 0.00	31.36 1.38 0.00	27.75 1.17 0.00	26.06 1.12 0.00	25.73 1.13 0.00	26.83 1.13 0.00	29.76 1.25 0.00	33.15 1.34 0.00	35.62 1.50 -0.03	37.11 1.53 -0.01	37.18 1.36 0.00	37.92 1.60 0.00	38.00 1.64 0.00	39.80 1.68 0.00	40.05 1.76 0.00	42.37 1.98 0.00	43.43 2.07 0.00	48.58 2.49 0.00	47.17 2.41 0.00	40.23 2.06 0.00	40.20 2.13 0.00	36.59 1.51 0.00	33.07 1.36 0.00	31.46 1.32 0.00
V_A_10_SYNC_DSASP 323832	31.90 -0.55 0.00	29.11 -0.87 0.00	26.05 -0.53 0.00	24.34 -0.60 0.00	23.91 -0.69 0.00	25.16 -0.54 0.00	27.77 -0.74 0.00	30.48 -1.33 0.00	32.42 -1.67 0.00	33.85 -1.71 0.01	34.67 -1.15 0.00	35.49 -0.83 0.00	35.42 -0.95 0.00	37.10 -1.03 0.00	37.06 -1.23 0.00	39.10 -1.29 0.00	40.49 -0.87 0.00	44.85 -1.24 0.00	43.72 -1.03 0.00	36.98 -1.18 0.00	36.89 -1.18 0.00	34.03 -1.05 0.00	30.50 -1.20 0.00	29.29 -0.84 0.00
V_CMM_10_SYNC_DSASP 323787	31.90 -0.55 0.00	29.56 -0.42 0.00	26.21 -0.37 0.00	24.56 -0.37 0.00	24.25 -0.34 0.00	25.39 -0.31 0.00	28.20 -0.31 0.00	31.46 -0.35 0.00	33.68 -0.41 0.00	35.14 -0.43 0.00	35.28 -0.54 0.00	35.42 -0.91 0.00	35.35 -1.02 0.00	37.02 -1.11 0.00	37.06 -1.23 0.00	38.98 -1.41 0.00	39.79 -1.57 0.00	44.16 -1.93 0.00	43.05 -1.70 0.00	37.02 -1.14 0.00	36.93 -1.14 0.00	34.49 -0.60 0.00	31.10 -0.60 0.00	29.62 -0.51 0.00
V_CMP_10_SYNC_DSASP 323788	33.46 1.01 0.00	31.09 1.11 0.00	27.57 0.98 0.00	25.81 0.87 0.00	25.46 0.86 0.00	26.78 1.08 0.00	29.82 1.31 0.00	33.31 1.50 0.00	35.63 1.54 0.00	37.13 1.56 0.00	37.32 1.50 0.00	37.49 1.16 0.00	37.27 0.91 0.00	39.04 0.91 0.00	38.82 0.54 0.00	41.04 0.64 0.00	42.02 0.66 0.00	46.23 0.14 0.00	45.47 0.71 0.00	39.05 0.88 0.00	39.10 1.03 0.00	36.38 1.30 0.00	32.65 0.95 0.00	31.04 0.90 0.00
V_D_10_SYNC_DSASP 323841	32.06 -0.39 0.00	29.74 -0.24 0.00	26.37 -0.21 0.00	24.71 -0.22 0.00	24.40 -0.20 0.00	25.57 -0.13 0.00	28.39 -0.11 0.00	31.72 -0.10 0.00	33.92 -0.17 0.00	35.39 -0.18 0.00	35.49 -0.32 0.00	35.60 -0.73 0.00	35.46 -0.91 0.00	37.14 -0.99 0.00	37.18 -1.11 0.00	38.82 -1.58 0.00	39.63 -1.74 0.00	43.88 -2.21 0.00	42.83 -1.92 0.00	37.18 -0.99 0.00	37.00 -1.07 0.00	34.63 -0.46 0.00	31.23 -0.47 0.00	29.77 -0.36 0.00
V_E_10_SYNC_DSASP 323830	35.16 2.66 -0.05	32.41 2.43 0.00	28.77 2.18 0.00	26.98 2.05 0.00	26.56 1.97 0.00	28.01 2.31 0.00	31.19 2.68 0.00	35.34 3.53 0.00	37.60 3.41 -0.10	39.22 3.49 -0.16	39.47 3.65 0.00	40.36 4.03 0.00	40.22 3.85 0.00	42.32 4.19 0.00	42.34 4.06 0.00	44.67 4.28 0.00	46.24 4.88 0.00	51.71 5.62 0.00	50.30 5.55 0.00	42.75 4.58 0.00	42.94 4.87 0.00	38.88 3.79 0.00	34.68 2.98 0.00	32.81 2.68 0.00
V_F_30_NSYNC__DSASP 323816	34.59 2.14 0.00	32.05 2.07 0.00	28.29 1.70 0.00	26.54 1.60 0.00	26.22 1.62 0.00	27.42 1.72 0.00	30.47 1.97 0.00	33.85 2.04 0.00	36.40 2.28 -0.03	37.93 2.35 -0.01	37.89 2.08 0.00	38.68 2.36 0.00	38.69 2.33 0.00	40.45 2.33 0.00	40.74 2.45 0.00	43.06 2.67 0.00	44.09 2.73 0.00	49.45 3.36 0.00	48.24 3.49 0.00	41.11 2.94 0.00	41.19 3.12 0.00	37.50 2.42 0.00	33.70 2.00 0.00	32.00 1.87 0.00
V_F_30_SYNC_DSASP 323786	33.39 0.94 0.00	30.88 0.90 0.00	27.33 0.74 0.00	25.69 0.75 0.00	25.38 0.79 0.00	26.47 0.77 0.00	29.33 0.83 0.00	32.67 0.86 0.00	35.14 1.02 -0.03	36.61 1.03 -0.01	36.71 0.90 0.00	37.49 1.16 0.00	37.60 1.24 0.00	39.39 1.26 0.00	39.67 1.38 0.00	41.93 1.53 0.00	42.85 1.49 0.00	47.93 1.84 0.00	46.54 1.79 0.00	39.66 1.49 0.00	39.52 1.45 0.00	36.10 1.02 0.00	32.59 0.89 0.00	30.95 0.81 0.00



V_XM10_SYNC_DSASP 323789	33.46 1.01 0.00	31.09 1.11 0.00	27.57 0.98 0.00	25.81 0.87 0.00	25.46 0.86 0.00	26.78 1.08 0.00	29.82 1.31 0.00	33.31 1.50 0.00	35.63 1.54 0.00	37.13 1.56 0.00	37.32 1.50 0.00	37.49 1.16 0.00	37.27 0.91 0.00	39.04 0.91 0.00	38.82 0.54 0.00	41.04 0.64 0.00	42.02 0.66 0.00	46.23 0.14 0.00	45.47 0.71 0.00	39.05 0.88 0.00	39.10 1.03 0.00	36.38 1.30 0.00	32.65 0.95 0.00	31.04 0.90 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.49 2.04 0.00	31.87 1.89 0.00	28.21 1.62 0.00	26.43 1.50 0.00	26.05 1.45 0.00	27.19 1.49 0.00	30.16 1.65 0.00	33.72 1.91 0.00	36.03 2.18 0.25	37.73 2.28 0.12	38.11 2.29 0.00	39.12 2.80 0.00	39.42 3.05 0.00	41.33 3.20 0.00	41.69 3.41 0.00	44.19 3.80 0.00	45.09 3.72 0.00	50.15 4.06 0.00	48.56 3.80 0.00	41.22 3.05 0.00	40.93 2.86 0.00	37.40 2.32 0.00	33.99 2.28 0.00	32.30 2.17 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.91 2.47 0.00	32.26 2.28 0.00	28.50 1.91 0.00	26.66 1.72 0.00	26.27 1.67 0.00	27.47 1.77 0.00	30.53 2.02 0.00	34.36 2.54 0.00	37.13 2.90 -0.14	38.69 3.06 -0.07	40.37 3.08 -1.48	42.14 3.56 -2.26	41.70 3.82 -1.52	42.35 3.97 -0.26	43.03 4.13 -0.61	45.01 4.60 -0.02	45.91 4.55 0.00	50.98 4.89 0.00	49.41 4.65 0.00	41.98 3.82 0.00	41.57 3.50 0.00	38.03 2.95 0.00	34.53 2.82 0.00	32.70 2.56 0.00
W50THST__13_KV_LOAD 356117	35.11 2.66 0.00	32.44 2.46 0.00	28.66 2.07 0.00	26.81 1.87 0.00	26.42 1.82 0.00	27.63 1.93 0.00	30.76 2.25 0.00	34.61 2.80 0.00	37.40 3.17 -0.14	38.98 3.34 -0.07	40.69 3.40 -1.48	42.47 3.89 -2.26	42.03 4.15 -1.52	42.65 4.27 -0.26	43.34 4.44 -0.61	45.34 4.93 -0.02	46.24 4.88 0.00	51.34 5.25 0.00	49.76 5.01 0.00	42.25 4.08 0.00	41.88 3.81 0.00	38.24 3.16 0.00	34.72 3.01 0.00	32.85 2.71 0.00
WADING RIVER_IC_1 23522	38.24 2.56 -3.22	37.23 2.28 -4.97	35.84 2.05 -7.21	28.67 1.87 -1.86	29.30 1.79 -2.91	32.62 1.90 -5.02	33.03 2.11 -2.41	37.33 2.58 -2.94	38.13 2.86 -1.17	38.52 2.88 -0.07	38.75 2.94 0.00	40.30 3.63 -0.34	40.25 3.78 -0.10	42.17 4.04 0.00	42.63 4.10 -0.25	49.30 5.05 -3.86	59.56 4.96 -13.24	63.99 5.85 -12.05	50.40 5.64 -0.01	42.34 4.16 -0.01	42.34 4.26 -0.01	38.14 3.05 0.00	34.15 2.44 0.00	32.91 2.77 0.00
WADING RIVER_IC_2 23547	38.24 2.56 -3.22	37.23 2.28 -4.97	35.84 2.05 -7.21	28.67 1.87 -1.86	29.30 1.79 -2.91	32.62 1.90 -5.02	33.03 2.11 -2.41	37.33 2.58 -2.94	38.13 2.86 -1.17	38.52 2.88 -0.07	38.75 2.94 0.00	40.30 3.63 -0.34	40.25 3.78 -0.10	42.17 4.04 0.00	42.63 4.10 -0.25	49.30 5.05 -3.86	59.56 4.96 -13.24	63.99 5.85 -12.05	50.40 5.64 -0.01	42.34 4.16 -0.01	42.34 4.26 -0.01	38.14 3.05 0.00	34.15 2.44 0.00	32.91 2.77 0.00
WADING RIVER_IC_3 23601	38.24 2.56 -3.22	37.23 2.28 -4.97	35.84 2.05 -7.21	28.67 1.87 -1.86	29.30 1.79 -2.91	32.62 1.90 -5.02	33.03 2.11 -2.41	37.33 2.58 -2.94	38.13 2.86 -1.17	38.52 2.88 -0.07	38.75 2.94 0.00	40.30 3.63 -0.34	40.25 3.78 -0.10	42.17 4.04 0.00	42.63 4.10 -0.25	49.30 5.05 -3.86	59.56 4.96 -13.24	63.99 5.85 -12.05	50.40 5.64 -0.01	42.34 4.16 -0.01	42.34 4.26 -0.01	38.14 3.05 0.00	34.15 2.44 0.00	32.91 2.77 0.00
WALDENNY_12_KV_BK2 80841	32.58 0.13 0.00	29.59 -0.39 0.00	26.53 -0.05 0.00	24.81 -0.12 0.00	24.35 -0.25 0.00	25.65 -0.05 0.00	28.34 -0.17 0.00	31.08 -0.73 0.00	33.00 -1.09 0.00	34.53 -1.03 0.01	35.60 -0.21 0.00	36.22 -0.11 0.00	36.47 0.11 0.00	38.25 0.11 0.00	37.99 -0.31 0.00	40.16 -0.24 0.00	41.65 0.29 0.00	45.96 -0.14 0.00	44.80 0.04 0.00	37.67 -0.50 0.00	37.57 -0.49 0.00	34.63 -0.46 0.00	31.07 -0.63 0.00	29.86 -0.27 0.00
WALDEN__HYDRO 24148	34.40 1.95 0.00	31.78 1.80 0.00	28.13 1.54 0.00	26.36 1.42 0.00	25.97 1.38 0.00	27.11 1.41 0.00	30.08 1.57 0.00	33.59 1.78 0.00	36.04 2.01 0.06	37.67 2.13 0.03	37.93 2.11 0.00	38.87 2.54 0.00	39.09 2.73 0.00	41.02 2.90 0.00	41.35 3.06 0.00	43.83 3.43 0.00	44.71 3.35 0.00	49.78 3.69 0.00	48.24 3.49 0.00	40.95 2.79 0.00	40.73 2.66 0.00	37.19 2.11 0.00	33.76 2.06 0.00	32.06 1.93 0.00
WARRENSBURG____ 23737	34.40 1.95 0.00	31.96 1.98 0.00	28.13 1.54 0.00	26.41 1.47 0.00	26.10 1.50 0.00	27.35 1.65 0.00	30.47 1.97 0.00	33.79 1.97 0.00	36.37 2.25 -0.03	37.86 2.28 -0.01	37.64 1.83 0.00	38.39 2.07 0.00	38.40 2.04 0.00	40.03 1.91 0.00	40.31 2.03 0.00	42.57 2.18 0.00	43.55 2.19 0.00	49.00 2.91 0.00	48.15 3.40 0.00	40.99 2.82 0.00	41.23 3.16 0.00	37.47 2.39 0.00	33.54 1.84 0.00	31.82 1.69 0.00
WATERSIDE____6 8 9 23538	35.04 2.60 0.00	32.39 2.40 -0.01	28.55 1.97 0.00	26.71 1.77 0.00	26.32 1.72 0.00	27.50 1.80 0.00	30.59 2.08 0.00	34.45 2.64 0.00	37.21 2.97 -0.15	38.73 3.09 -0.07	40.47 3.08 -1.57	42.22 3.63 -2.27	41.77 3.89 -1.51	39.14 4.08 3.07	39.22 4.25 3.32	40.03 4.65 5.01	42.89 4.55 3.03	40.21 4.84 10.72	49.40 4.65 0.01	42.03 3.85 -0.01	41.66 3.58 -0.01	38.20 3.12 0.01	34.68 2.98 0.01	31.71 2.71 1.13
WATKINRD_115KV_LN8_ILLION 55919	32.90 0.45 0.00	30.40 0.42 0.00	26.93 0.35 0.00	25.29 0.35 0.00	24.94 0.34 0.00	26.08 0.39 0.00	28.94 0.43 0.00	32.26 0.45 0.00	34.64 0.55 0.00	36.14 0.57 0.00	36.39 0.57 0.00	37.01 0.69 0.00	37.13 0.76 0.00	38.89 0.76 0.00	39.05 0.77 0.00	41.24 0.85 0.00	42.15 0.79 0.00	47.06 0.97 0.00	45.69 0.94 0.00	38.97 0.80 0.00	38.87 0.80 0.00	35.75 0.67 0.00	32.27 0.57 0.00	30.68 0.54 0.00
WATSON__69_KV_BK 1 55734	39.21 3.54 -3.22	38.10 3.15 -4.97	36.56 2.76 -7.21	29.35 2.54 -1.86	29.99 2.48 -2.91	33.31 2.60 -5.02	33.83 2.91 -2.41	38.16 3.40 -2.94	39.05 3.78 -1.17	39.51 3.88 -0.07	39.58 3.76 0.00	41.33 4.54 -0.46	41.27 4.76 -0.14	43.14 4.99 -0.02	44.57 5.28 -1.00	51.48 5.98 -5.11	61.37 5.92 -14.09	64.68 6.54 -12.04	51.02 6.27 -0.01	43.17 5.00 -0.01	42.80 4.72 -0.01	39.07 3.96 -0.02	35.10 3.39 0.00	33.72 3.59 0.00
WDELAWARE__HYD 323627	34.17 1.72 0.00	31.54 1.56 0.00	27.91 1.33 0.00	26.18 1.25 0.00	25.80 1.20 0.00	26.91 1.21 0.00	29.85 1.34 0.00	33.31 1.50 0.00	35.79 1.74 0.04	37.36 1.81 0.02	37.64 1.83 0.00	38.54 2.22 0.00	38.69 2.33 0.00	40.64 2.52 0.00	40.93 2.64 0.00	43.38 2.99 0.00	44.38 3.02 0.00	49.41 3.32 0.00	47.88 3.13 0.00	40.65 2.48 0.00	40.54 2.47 0.00	36.87 1.79 0.00	33.45 1.74 0.00	31.76 1.63 0.00
WEST BABYLON__IC 23714	39.11 3.44 -3.22	38.04 3.09 -4.97	36.48 2.69 -7.21	29.27 2.47 -1.86	29.92 2.41 -2.91	33.23 2.52 -5.02	33.74 2.82 -2.41	38.06 3.31 -2.94	38.94 3.68 -1.17	39.44 3.81 -0.07	39.40 3.58 0.00	41.34 4.32 -0.69	41.15 4.58 -0.20	42.90 4.77 -0.01	43.81 5.05 -0.47	53.80 5.66 -7.75	62.91 5.63 -15.92	64.30 6.18 -12.04	50.62 5.86 0.00	42.90 4.73 0.00	42.56 4.49 0.00	38.88 3.79 -0.01	35.03 3.33 0.00	33.60 3.47 0.00

WEST CANADA___HYD 24049	32.68 0.23 0.00	30.19 0.21 0.00	26.77 0.19 0.00	25.11 0.18 0.00	24.77 0.17 0.00	25.88 0.18 0.00	28.68 0.17 0.00	32.00 0.19 0.00	34.30 0.21 0.00	35.78 0.21 0.00	36.03 0.22 0.00	36.65 0.33 0.00	36.73 0.36 0.00	38.51 0.38 0.00	38.71 0.42 0.00	40.84 0.45 0.00	41.82 0.46 0.00	46.69 0.60 0.00	45.29 0.54 0.00	38.59 0.42 0.00	38.49 0.42 0.00	35.33 0.25 0.00	31.96 0.25 0.00	30.35 0.21 0.00
WESTERN_NY_WIND 24143	33.00 0.55 0.00	30.04 0.06 0.00	26.83 0.24 0.00	25.09 0.15 0.00	24.62 0.02 0.00	25.96 0.26 0.00	28.68 0.17 0.00	31.56 -0.25 0.00	33.55 -0.55 0.00	35.03 -0.53 0.01	35.92 0.11 0.00	36.36 0.04 0.00	36.58 0.22 0.00	38.29 0.15 -0.01	37.99 -0.31 -0.01	40.24 -0.16 -0.01	41.74 0.37 0.00	46.19 0.09 -0.01	45.11 0.36 0.00	37.98 -0.19 0.00	38.03 -0.04 0.00	35.05 -0.04 0.00	31.36 -0.35 0.00	30.07 -0.06 0.00
WESTOVER___LESR 323668	32.99 0.49 -0.05	30.28 0.30 0.00	26.93 0.35 0.00	25.24 0.30 0.00	24.84 0.25 0.00	26.01 0.31 0.00	28.88 0.37 0.00	32.51 0.70 0.00	34.82 0.65 -0.08	36.39 0.68 -0.14	36.75 0.93 0.00	37.49 1.16 0.00	37.38 1.02 0.00	39.19 1.07 0.00	39.32 1.03 0.00	41.65 1.25 0.00	42.81 1.45 0.00	47.61 1.52 0.00	46.23 1.48 0.00	39.20 1.03 0.00	39.10 1.03 0.00	35.86 0.77 0.00	32.31 0.60 0.00	30.65 0.51 0.00
WETHRSFD_WT_PWR 323626	32.51 0.07 0.00	29.65 -0.33 0.00	26.53 -0.05 0.00	24.81 -0.12 0.00	24.35 -0.25 0.00	25.67 -0.03 0.00	28.37 -0.14 0.00	31.24 -0.57 0.00	33.17 -0.92 0.00	34.64 -0.92 0.01	35.57 -0.25 0.00	36.54 0.22 0.00	36.51 0.15 0.00	38.28 0.15 0.00	38.21 -0.08 0.00	40.31 -0.08 0.00	41.69 0.33 0.00	46.18 0.09 0.00	44.98 0.22 0.00	37.98 -0.19 0.00	37.81 -0.26 0.00	34.80 -0.28 0.00	31.20 -0.51 0.00	29.83 -0.30 0.00
WHAVSTOR_138KV_BK127 55557	34.36 1.91 0.00	31.75 1.77 0.00	28.10 1.52 0.00	26.33 1.40 0.00	25.95 1.35 0.00	27.09 1.39 0.00	30.05 1.54 0.00	33.59 1.78 0.00	35.85 2.01 0.25	37.58 2.13 0.12	37.93 2.11 0.00	38.94 2.62 0.00	39.20 2.84 0.00	41.10 2.97 0.00	41.46 3.18 0.00	43.95 3.55 0.00	44.84 3.47 0.00	49.92 3.83 0.00	48.33 3.58 0.00	41.03 2.86 0.00	40.73 2.66 0.00	37.26 2.18 0.00	33.86 2.16 0.00	32.18 2.05 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.36 1.91 0.00	31.75 1.77 0.00	28.10 1.52 0.00	26.33 1.40 0.00	25.95 1.35 0.00	27.09 1.39 0.00	30.05 1.54 0.00	33.59 1.78 0.00	35.85 2.01 0.25	37.58 2.13 0.12	37.93 2.11 0.00	38.94 2.62 0.00	39.20 2.84 0.00	41.10 2.97 0.00	41.46 3.18 0.00	43.95 3.55 0.00	44.84 3.47 0.00	49.92 3.83 0.00	48.33 3.58 0.00	41.03 2.86 0.00	40.73 2.66 0.00	37.26 2.18 0.00	33.86 2.16 0.00	32.18 2.05 0.00
WHITEHAL_115KV_TB1 80871	35.21 2.76 0.00	32.74 2.76 0.00	28.77 2.18 0.00	27.01 2.07 0.00	26.69 2.09 0.00	28.01 2.31 0.00	31.27 2.77 0.00	34.58 2.77 0.00	37.25 3.14 -0.03	38.71 3.13 -0.01	38.54 2.72 0.00	39.30 2.98 0.00	39.31 2.95 0.00	40.95 2.82 0.00	41.27 2.99 0.00	43.54 3.15 0.00	44.55 3.19 0.00	50.28 4.19 0.00	49.41 4.65 0.00	42.06 3.89 0.00	42.30 4.23 0.00	38.49 3.40 0.00	34.30 2.60 0.00	32.51 2.38 0.00
WHITEPLN_13_KV_LOAD 356215	35.08 2.63 0.00	32.38 2.40 0.00	28.63 2.05 0.00	26.81 1.87 0.00	26.39 1.80 0.00	27.60 1.90 0.00	30.67 2.17 0.00	34.45 2.64 0.00	37.21 2.97 -0.15	38.81 3.17 -0.07	39.00 3.19 0.00	40.10 3.78 0.00	40.51 4.15 0.00	42.47 4.35 0.00	42.84 4.56 0.00	45.40 5.01 0.00	46.24 4.88 0.00	51.53 5.44 0.00	49.85 5.10 0.00	42.21 4.05 0.00	41.84 3.77 0.00	38.24 3.16 0.00	34.62 2.92 0.00	32.82 2.68 0.00
WM_FLOYD_69_KV_BK2 356380	38.59 2.92 -3.22	37.53 2.58 -4.97	36.11 2.31 -7.21	28.92 2.12 -1.86	29.55 2.04 -2.91	32.87 2.16 -5.02	33.34 2.42 -2.41	37.62 2.86 -2.94	38.43 3.17 -1.17	38.87 3.24 -0.07	38.97 3.15 0.00	40.56 3.89 -0.35	40.58 4.11 -0.10	42.48 4.35 0.00	43.16 4.59 -0.28	49.87 5.53 -3.95	59.90 5.25 -13.29	64.27 6.13 -12.05	50.58 5.82 -0.01	42.72 4.54 -0.01	42.42 4.34 -0.01	38.46 3.37 0.00	34.53 2.82 0.00	33.18 3.04 0.00
WOODARD__115KV_TB2 355635	32.35 -0.19 -0.10	29.74 -0.24 0.00	26.40 -0.19 0.00	24.74 -0.20 0.00	24.40 -0.20 0.00	25.52 -0.18 0.00	28.34 -0.17 0.00	31.62 -0.19 0.00	33.98 -0.27 -0.16	35.59 -0.25 -0.27	35.67 -0.14 0.00	36.29 -0.04 0.00	36.33 -0.04 0.00	38.09 -0.04 0.00	38.21 -0.08 0.00	40.55 0.16 0.00	41.65 0.29 0.00	46.14 0.05 0.00	44.71 -0.04 0.00	37.98 -0.19 0.00	37.92 -0.15 0.00	34.84 -0.25 0.00	31.45 -0.25 0.00	29.86 -0.27 0.00
YORK___WARBASSE 23770	35.26 2.79 -0.02	32.57 2.58 -0.01	28.71 2.13 0.00	26.83 1.90 0.00	26.42 1.82 0.00	27.58 1.88 0.00	30.67 2.17 0.00	34.61 2.80 0.00	51.56 3.14 -14.33	38.91 3.27 -0.07	40.68 3.29 -1.57	43.63 3.89 -3.42	45.77 4.15 -5.26	71.12 4.35 -28.65	71.25 4.52 -28.44	80.54 4.93 -35.22	67.39 4.84 -21.19	126.33 5.16 -75.08	68.61 5.01 -18.84	67.51 4.16 -25.18	100.18 3.88 -58.23	59.67 3.40 -21.19	34.99 3.17 -0.11	41.01 2.89 -7.98