

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/08/2026

ALBANY___2 23572	36.25 0.30 0.00	31.54 0.33 0.00	28.54 0.33 0.00	27.62 0.31 0.00	28.01 0.31 0.00	33.28 0.35 0.00	47.92 0.51 0.00	45.73 0.53 0.00	43.87 0.53 0.00	39.62 0.40 0.00	37.66 0.30 0.00	37.20 0.23 0.00	38.68 0.25 0.00	40.60 0.25 0.00	45.70 0.19 0.00	46.02 0.31 0.00	48.35 0.41 0.00	104.85 1.61 0.00	83.93 1.34 0.00	53.84 0.68 0.00	55.84 0.51 0.00	54.98 0.56 0.00	51.24 0.59 0.00	42.81 0.43 0.00
ALBANY___3 23573	36.25 0.30 0.00	31.54 0.33 0.00	28.54 0.33 0.00	27.62 0.31 0.00	28.01 0.31 0.00	33.28 0.35 0.00	47.92 0.51 0.00	45.73 0.53 0.00	43.87 0.53 0.00	39.62 0.40 0.00	37.66 0.30 0.00	37.20 0.23 0.00	38.68 0.25 0.00	40.60 0.25 0.00	45.70 0.19 0.00	46.02 0.31 0.00	48.35 0.41 0.00	104.85 1.61 0.00	83.93 1.34 0.00	53.84 0.68 0.00	55.84 0.51 0.00	54.98 0.56 0.00	51.24 0.59 0.00	42.81 0.43 0.00
ALBANY___4 23574	36.25 0.30 0.00	31.54 0.33 0.00	28.54 0.33 0.00	27.62 0.31 0.00	28.01 0.31 0.00	33.28 0.35 0.00	47.92 0.51 0.00	45.73 0.53 0.00	43.87 0.53 0.00	39.62 0.40 0.00	37.66 0.30 0.00	37.20 0.23 0.00	38.68 0.25 0.00	40.60 0.25 0.00	45.70 0.19 0.00	46.02 0.31 0.00	48.35 0.41 0.00	104.85 1.61 0.00	83.93 1.34 0.00	53.84 0.68 0.00	55.84 0.51 0.00	54.98 0.56 0.00	51.24 0.59 0.00	42.81 0.43 0.00
ALBANY___LFGE 323615	36.60 0.65 0.00	31.83 0.63 0.00	28.81 0.59 0.00	27.88 0.58 0.00	28.27 0.58 0.00	33.61 0.68 0.00	48.41 1.00 0.00	46.19 1.00 0.00	44.31 0.96 0.00	40.01 0.79 0.00	38.04 0.68 0.00	37.57 0.61 0.00	39.09 0.66 0.00	41.04 0.68 0.00	46.20 0.70 0.00	46.58 0.86 0.00	48.96 1.03 0.00	106.21 2.97 0.00	84.97 2.37 0.00	54.50 1.33 0.00	56.51 1.18 0.00	55.61 1.19 0.00	51.80 1.15 0.00	43.25 0.87 0.00
ALCOA_PA_115KV_PL-6C 55860	36.33 0.38 0.00	31.53 0.33 0.00	28.44 0.22 0.00	27.54 0.24 0.00	27.95 0.26 0.00	33.26 0.33 0.00	47.77 0.36 0.00	45.53 0.34 0.00	43.81 0.46 0.00	39.82 0.60 0.00	38.05 0.69 0.00	37.62 0.65 0.00	39.00 0.57 0.00	40.64 0.28 0.00	45.61 0.11 0.00	45.59 -0.13 0.00	47.66 -0.28 0.00	102.15 -1.09 0.00	81.75 -0.85 0.00	53.07 -0.10 0.00	55.68 0.35 0.00	54.84 0.43 0.00	51.13 0.48 0.00	42.79 0.42 0.00
ALCOA_RYNLDS___DRP 24188	36.33 0.38 0.00	31.53 0.33 0.00	28.44 0.22 0.00	27.54 0.24 0.00	27.95 0.26 0.00	33.26 0.33 0.00	47.77 0.36 0.00	45.53 0.34 0.00	43.81 0.46 0.00	39.82 0.60 0.00	38.05 0.69 0.00	37.62 0.65 0.00	39.00 0.57 0.00	40.64 0.28 0.00	45.61 0.11 0.00	45.59 -0.13 0.00	47.66 -0.28 0.00	102.15 -1.10 0.00	81.75 -0.85 0.00	53.07 -0.10 0.00	55.68 0.35 0.00	54.84 0.43 0.00	51.13 0.48 0.00	42.79 0.42 0.00
ALCOA___DSASP 323711	36.33 0.38 0.00	31.53 0.33 0.00	28.44 0.22 0.00	27.54 0.24 0.00	27.95 0.26 0.00	33.26 0.33 0.00	47.77 0.36 0.00	45.53 0.34 0.00	43.81 0.46 0.00	39.82 0.60 0.00	38.05 0.69 0.00	37.62 0.65 0.00	39.00 0.57 0.00	40.64 0.28 0.00	45.61 0.11 0.00	45.59 -0.13 0.00	47.66 -0.28 0.00	102.15 -1.10 0.00	81.75 -0.85 0.00	53.07 -0.10 0.00	55.68 0.35 0.00	54.84 0.43 0.00	51.13 0.48 0.00	42.79 0.42 0.00
ALLEGHENY___COGEN 23514	36.86 0.91 0.00	31.68 0.48 0.00	28.65 0.44 0.00	27.73 0.43 0.00	28.11 0.42 0.00	33.72 0.79 0.00	47.53 0.13 0.00	44.40 -0.79 0.00	41.36 -1.99 0.00	35.54 -3.68 0.00	33.80 -3.56 0.00	33.61 -3.36 0.00	35.44 -2.99 0.00	40.25 -0.11 0.00	46.09 0.59 0.00	46.26 0.55 0.00	48.55 0.61 0.00	104.54 1.30 0.00	86.71 4.11 0.00	56.36 3.19 0.00	58.04 2.72 0.00	56.35 1.94 0.00	51.81 1.16 0.00	43.05 0.67 0.00
ALTAMONT_115KV_TB 2 55880	36.42 0.47 0.00	31.67 0.47 0.00	28.66 0.45 0.00	27.74 0.44 0.00	28.13 0.44 0.00	33.43 0.49 0.00	48.17 0.76 0.00	45.97 0.78 0.00	44.06 0.71 0.00	39.77 0.55 0.00	37.82 0.46 0.00	37.38 0.41 0.00	38.86 0.43 0.00	40.84 0.48 0.00	45.98 0.48 0.00	46.27 0.56 0.00	48.59 0.66 0.00	105.37 2.13 0.00	84.37 1.77 0.00	54.14 0.97 0.00	56.12 0.79 0.00	55.26 0.84 0.00	51.50 0.85 0.00	43.06 0.68 0.00
ALTONA_WT_PWR 323606	36.15 0.20 0.00	31.39 0.19 0.00	28.36 0.15 0.00	27.43 0.13 0.00	27.87 0.17 0.00	33.22 0.28 0.00	47.94 0.54 0.00	45.64 0.45 0.00	43.89 0.55 0.00	39.85 0.63 0.00	38.02 0.65 0.00	37.58 0.61 0.00	39.02 0.59 0.00	40.71 0.36 0.00	45.81 0.30 0.00	45.90 0.18 0.00	48.12 0.18 0.00	103.27 0.04 0.00	82.70 0.11 0.00	53.55 0.38 0.00	55.97 0.65 0.00	55.01 0.60 0.00	51.28 0.63 0.00	42.73 0.34 0.00
AMERICAN_REF_FUEL 24010	34.26 -1.68 0.00	29.42 -1.78 0.00	26.60 -1.61 0.00	25.80 -1.50 0.00	26.08 -1.61 0.00	31.29 -1.64 0.00	44.84 -2.56 0.00	42.62 -2.57 0.00	41.36 -1.98 0.00	37.93 -1.29 0.00	36.19 -1.17 0.00	36.01 -0.96 0.00	37.46 -0.97 0.00	39.51 -0.85 0.00	44.85 -0.65 0.00	44.70 -1.01 0.00	46.66 -1.28 0.00	98.70 -4.54 0.00	79.35 -3.24 0.00	51.07 -2.10 0.00	52.53 -2.80 0.00	51.27 -3.14 0.00	47.47 -3.18 0.00	39.78 -2.60 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	35.53 -0.42 0.00	30.53 -0.67 0.00	27.62 -0.60 0.00	26.71 -0.59 0.00	27.09 -0.61 0.00	32.39 -0.54 0.00	46.63 -0.77 0.00	44.77 -0.43 0.00	43.18 -0.17 0.00	39.39 0.16 0.00	37.62 0.26 0.00	37.42 0.45 0.00	38.92 0.49 0.00	41.15 0.79 0.00	46.71 1.21 0.00	46.77 1.06 0.00	48.73 0.80 0.00	105.02 1.79 0.00	84.58 1.99 0.00	53.97 0.81 0.00	55.30 -0.03 0.00	53.55 -0.87 0.00	48.99 -1.66 0.00	40.49 -1.89 0.00
ARTHUR KILL_GT_1 23520	37.05 1.10 0.00	32.10 0.90 0.00	29.08 0.87 0.00	28.14 0.84 0.00	28.51 0.82 0.00	33.84 0.91 0.00	48.75 1.34 0.00	46.93 1.74 0.00	45.33 1.98 0.00	59.31 1.76 -18.33	60.93 1.67 -21.90	47.45 1.90 -8.59	48.06 1.58 -8.05	49.11 1.97 -6.79	48.10 2.59 0.00	48.20 2.48 0.00	50.35 2.41 0.00	108.69 5.45 0.00	86.97 4.37 0.00	55.23 2.06 0.00	56.63 1.30 0.00	55.57 1.16 0.00	52.09 1.44 0.00	44.10 1.72 0.00
ARTHUR_KILL_2 23512	36.94 0.99 0.00	32.01 0.81 0.00	29.00 0.78 0.00	28.06 0.76 0.00	28.42 0.73 0.00	33.74 0.81 0.00	48.60 1.19 0.00	46.80 1.61 0.00	45.20 1.85 0.00	59.20 1.65 -18.33	60.83 1.57 -21.90	47.34 1.79 -8.59	47.93 1.44 -8.05	48.96 1.82 -6.79	47.92 2.42 0.00	48.02 2.30 0.00	50.17 2.23 0.00	108.30 5.06 0.00	86.63 4.03 0.00	55.02 1.85 0.00	56.41 1.08 0.00	55.37 0.95 0.00	51.91 1.26 0.00	43.96 1.58 0.00
ARTHUR_KILL_3 23513	36.90 0.95 0.00	31.95 0.75 0.00	28.94 0.73 0.00	28.00 0.70 0.00	28.37 0.68 0.00	33.65 0.71 0.00	48.62 1.21 0.00	46.88 1.69 0.00	45.23 1.88 0.00	59.26 1.71 -18.33	60.90 1.63 -21.90	45.78 1.77 -7.04	-370.55 1.84 410.82	-360.21 2.21 402.78	-57.55 2.40 105.46	47.96 2.24 0.00	50.14 2.21 0.00	108.74 5.50 0.00	86.89 4.29 0.00	55.09 1.93 0.00	56.50 1.17 0.00	55.36 0.94 0.00	51.84 1.19 0.00	43.78 1.40 0.00

ARTHUR_KILL_COGEN 323718	37.05 1.10 0.00	32.10 0.90 0.00	29.08 0.86 0.00	28.14 0.84 0.00	28.51 0.82 0.00	33.84 0.91 0.00	48.75 1.34 0.00	46.94 1.74 0.00	45.33 1.98 0.00	59.31 1.76 -18.33	60.93 1.67 -21.90	47.45 1.89 -8.59	48.05 1.56 -8.05	49.09 1.95 -6.79	48.08 2.58 0.00	48.20 2.48 0.00	50.34 2.41 0.00	108.69 5.45 0.00	86.97 4.37 0.00	55.23 2.06 0.00	56.63 1.30 0.00	55.58 1.16 0.00	52.09 1.44 0.00	44.10 1.72 0.00
ASHOKAN____ 23654	36.80 0.85 0.00	31.91 0.71 0.00	28.86 0.65 0.00	27.90 0.60 0.00	28.31 0.62 0.00	33.62 0.69 0.00	48.68 1.28 0.00	46.76 1.57 0.00	44.91 1.56 0.00	40.55 1.33 0.00	38.60 1.24 0.00	37.97 1.00 0.00	39.48 1.04 0.00	41.61 1.25 0.00	46.89 1.39 0.00	47.38 1.67 0.00	49.76 1.83 0.00	108.96 5.73 0.00	87.17 4.57 0.00	55.75 2.58 0.00	57.48 2.15 0.00	56.31 1.90 0.00	52.34 1.69 0.00	43.74 1.36 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.90 0.95 0.00	31.97 0.76 0.00	28.96 0.75 0.00	28.08 0.78 0.00	28.30 0.61 0.00	33.74 0.80 0.00	48.74 1.33 0.00	46.98 1.78 0.00	45.38 2.04 0.00	59.30 1.75 -18.33	60.96 1.70 -21.90	47.38 1.82 -8.59	48.24 1.75 -8.05	49.36 2.22 -6.79	48.07 2.56 0.00	48.01 2.30 0.00	50.11 2.17 0.00	108.58 5.34 0.00	86.81 4.22 0.00	55.02 1.85 0.00	56.44 1.11 0.00	55.35 0.94 0.01	51.89 1.24 0.00	43.90 1.52 0.00
ASTORIA_EAST_ENERGY_CC2 323582	36.90 0.95 0.00	31.97 0.76 0.00	28.96 0.75 0.00	28.07 0.77 0.00	28.30 0.61 0.00	33.74 0.80 0.00	48.74 1.33 0.00	46.98 1.78 0.00	45.38 2.04 0.00	59.30 1.75 -18.33	60.96 1.70 -21.90	47.38 1.82 -8.59	48.24 1.75 -8.05	49.36 2.22 -6.79	48.07 2.56 0.00	48.01 2.30 0.00	50.11 2.17 0.00	108.58 5.34 0.00	86.81 4.22 0.00	55.02 1.85 0.00	56.44 1.11 0.00	55.35 0.94 0.01	51.89 1.24 0.00	43.90 1.52 0.00
ASTORIA_GT2_1 24094	36.93 0.98 0.00	31.98 0.78 0.00	28.99 0.78 0.00	28.09 0.78 0.00	28.32 0.62 0.00	33.75 0.82 0.00	48.77 1.37 0.00	47.00 1.80 0.00	45.41 2.06 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.39 1.83 -8.59	48.27 1.78 -8.05	49.39 2.24 -6.79	48.11 2.61 0.00	48.03 2.32 0.00	50.15 2.21 0.00	108.62 5.38 0.00	86.84 4.24 0.00	55.03 1.86 0.00	56.47 1.14 0.00	55.38 0.97 0.01	51.93 1.28 0.00	43.92 1.54 0.00
ASTORIA_GT2_2 24095	36.93 0.98 0.00	31.98 0.78 0.00	28.99 0.78 0.00	28.09 0.78 0.00	28.32 0.62 0.00	33.75 0.82 0.00	48.77 1.37 0.00	47.00 1.80 0.00	45.41 2.06 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.39 1.83 -8.59	48.27 1.78 -8.05	49.39 2.24 -6.79	48.11 2.61 0.00	48.03 2.32 0.00	50.15 2.21 0.00	108.62 5.38 0.00	86.84 4.24 0.00	55.03 1.86 0.00	56.47 1.14 0.00	55.38 0.97 0.01	51.93 1.28 0.00	43.92 1.54 0.00
ASTORIA_GT2_3 24096	36.93 0.98 0.00	31.98 0.78 0.00	28.99 0.78 0.00	28.09 0.78 0.00	28.32 0.62 0.00	33.75 0.82 0.00	48.77 1.37 0.00	47.00 1.80 0.00	45.41 2.06 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.39 1.83 -8.59	48.27 1.78 -8.05	49.39 2.24 -6.79	48.11 2.61 0.00	48.03 2.32 0.00	50.15 2.21 0.00	108.62 5.38 0.00	86.84 4.24 0.00	55.03 1.86 0.00	56.47 1.14 0.00	55.38 0.97 0.01	51.93 1.28 0.00	43.92 1.54 0.00
ASTORIA_GT2_4 24097	36.93 0.98 0.00	31.98 0.78 0.00	28.99 0.78 0.00	28.09 0.78 0.00	28.32 0.62 0.00	33.75 0.82 0.00	48.77 1.37 0.00	47.00 1.80 0.00	45.41 2.06 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.39 1.83 -8.59	48.27 1.78 -8.05	49.39 2.24 -6.79	48.11 2.61 0.00	48.03 2.32 0.00	50.15 2.21 0.00	108.62 5.38 0.00	86.84 4.24 0.00	55.03 1.86 0.00	56.47 1.14 0.00	55.38 0.97 0.01	51.93 1.28 0.00	43.92 1.54 0.00
ASTORIA_GT3_1 24098	36.93 0.98 0.00	31.98 0.78 0.00	28.99 0.78 0.00	28.09 0.78 0.00	28.32 0.62 0.00	33.75 0.82 0.00	48.77 1.37 0.00	47.00 1.80 0.00	45.41 2.06 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.39 1.83 -8.59	48.27 1.78 -8.05	49.39 2.24 -6.79	48.11 2.61 0.00	48.03 2.32 0.00	50.15 2.21 0.00	108.62 5.38 0.00	86.84 4.24 0.00	55.03 1.86 0.00	56.47 1.14 0.00	55.38 0.97 0.01	51.93 1.28 0.00	43.92 1.54 0.00
ASTORIA_GT3_2 24099	36.93 0.98 0.00	31.98 0.78 0.00	28.99 0.78 0.00	28.09 0.78 0.00	28.32 0.62 0.00	33.75 0.82 0.00	48.77 1.37 0.00	47.00 1.80 0.00	45.41 2.06 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.39 1.83 -8.59	48.27 1.78 -8.05	49.39 2.24 -6.79	48.11 2.61 0.00	48.03 2.32 0.00	50.15 2.21 0.00	108.62 5.38 0.00	86.84 4.24 0.00	55.03 1.86 0.00	56.47 1.14 0.00	55.38 0.97 0.01	51.93 1.28 0.00	43.92 1.54 0.00
ASTORIA_GT3_3 24100	36.93 0.98 0.00	31.98 0.78 0.00	28.99 0.78 0.00	28.09 0.78 0.00	28.32 0.62 0.00	33.75 0.82 0.00	48.77 1.37 0.00	47.00 1.80 0.00	45.41 2.06 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.39 1.83 -8.59	48.27 1.78 -8.05	49.39 2.24 -6.79	48.11 2.61 0.00	48.03 2.32 0.00	50.15 2.21 0.00	108.62 5.38 0.00	86.84 4.24 0.00	55.03 1.86 0.00	56.47 1.14 0.00	55.38 0.97 0.01	51.93 1.28 0.00	43.92 1.54 0.00
ASTORIA_GT3_4 24101	36.93 0.98 0.00	31.98 0.78 0.00	28.99 0.78 0.00	28.09 0.78 0.00	28.32 0.62 0.00	33.75 0.82 0.00	48.77 1.37 0.00	47.00 1.80 0.00	45.41 2.06 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.39 1.83 -8.59	48.27 1.78 -8.05	49.39 2.24 -6.79	48.11 2.61 0.00	48.03 2.32 0.00	50.15 2.21 0.00	108.62 5.38 0.00	86.84 4.24 0.00	55.03 1.86 0.00	56.47 1.14 0.00	55.38 0.97 0.01	51.93 1.28 0.00	43.92 1.54 0.00
ASTORIA_GT4_1 24102	36.93 0.98 0.00	31.98 0.78 0.00	28.99 0.78 0.00	28.09 0.78 0.00	28.32 0.62 0.00	33.75 0.82 0.00	48.77 1.37 0.00	47.00 1.80 0.00	45.41 2.06 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.39 1.83 -8.59	48.27 1.78 -8.05	49.39 2.24 -6.79	48.11 2.61 0.00	48.03 2.32 0.00	50.15 2.21 0.00	108.62 5.38 0.00	86.84 4.24 0.00	55.03 1.86 0.00	56.47 1.14 0.00	55.38 0.97 0.01	51.93 1.28 0.00	43.92 1.54 0.00
ASTORIA_GT4_2 24103	36.93 0.98 0.00	31.98 0.78 0.00	28.99 0.78 0.00	28.09 0.78 0.00	28.32 0.62 0.00	33.75 0.82 0.00	48.77 1.37 0.00	47.00 1.80 0.00	45.41 2.06 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.39 1.83 -8.59	48.27 1.78 -8.05	49.39 2.24 -6.79	48.11 2.61 0.00	48.03 2.32 0.00	50.15 2.21 0.00	108.62 5.38 0.00	86.84 4.24 0.00	55.03 1.86 0.00	56.47 1.14 0.00	55.38 0.97 0.01	51.93 1.28 0.00	43.92 1.54 0.00
ASTORIA_GT4_3 24104	36.93 0.98 0.00	31.98 0.78 0.00	28.99 0.78 0.00	28.09 0.78 0.00	28.32 0.62 0.00	33.75 0.82 0.00	48.77 1.37 0.00	47.00 1.80 0.00	45.41 2.06 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.39 1.83 -8.59	48.27 1.78 -8.05	49.39 2.24 -6.79	48.11 2.61 0.00	48.03 2.32 0.00	50.15 2.21 0.00	108.62 5.38 0.00	86.84 4.24 0.00	55.03 1.86 0.00	56.47 1.14 0.00	55.38 0.97 0.01	51.93 1.28 0.00	43.92 1.54 0.00

ASTORIA_GT4_4 24105	36.93 0.98 0.00	31.98 0.78 0.00	28.99 0.78 0.00	28.09 0.78 0.00	28.32 0.62 0.00	33.75 0.82 0.00	48.77 1.37 0.00	47.00 1.80 0.00	45.41 2.06 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.39 1.83 -8.59	48.27 1.78 -8.05	49.39 2.24 -6.79	48.11 2.61 0.00	48.03 2.32 0.00	50.15 2.21 0.00	108.62 5.38 0.00	86.84 4.24 0.00	55.03 1.86 0.00	56.47 1.14 0.00	55.38 0.97 0.01	51.93 1.28 0.00	43.92 1.54 0.00
ASTORIA_GT_1 23523	37.00 1.05 0.00	32.05 0.85 0.00	29.05 0.84 0.00	28.14 0.84 0.00	28.37 0.67 0.00	33.81 0.88 0.00	48.87 1.46 0.00	47.09 1.89 0.00	45.51 2.16 0.00	59.42 1.87 -18.33	61.06 1.80 -21.90	47.48 1.93 -8.59	48.36 1.88 -8.05	49.49 2.35 -6.79	48.23 2.72 0.00	48.16 2.44 0.00	50.27 2.34 0.00	108.89 5.65 0.00	87.06 4.47 0.00	55.17 2.01 0.00	56.60 1.27 0.00	55.51 1.10 0.01	52.04 1.39 0.00	44.02 1.64 0.00
ASTORIA_GT_10 24110	36.98 1.03 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.07 0.77 0.00	28.42 0.72 0.00	33.75 0.82 0.00	48.75 1.34 0.00	47.01 1.81 0.00	45.37 2.03 0.00	59.37 1.82 -18.33	61.02 1.76 -21.90	47.45 1.90 -8.59	48.37 1.88 -8.05	49.41 2.27 -6.79	48.08 2.58 0.00	47.99 2.27 0.00	50.12 2.19 0.00	108.50 5.26 0.00	86.67 4.07 0.00	54.96 1.80 0.00	56.40 1.07 0.00	55.33 0.91 0.00	51.89 1.24 0.00	43.92 1.54 0.00
ASTORIA_GT_11 24225	36.98 1.03 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.07 0.77 0.00	28.42 0.72 0.00	33.75 0.82 0.00	48.75 1.34 0.00	47.01 1.81 0.00	45.37 2.03 0.00	59.37 1.82 -18.33	61.02 1.76 -21.90	47.45 1.90 -8.59	48.37 1.88 -8.05	49.41 2.27 -6.79	48.08 2.58 0.00	47.99 2.27 0.00	50.12 2.19 0.00	108.50 5.26 0.00	86.67 4.07 0.00	54.96 1.80 0.00	56.40 1.07 0.00	55.33 0.91 0.00	51.89 1.24 0.00	43.92 1.54 0.00
ASTORIA_GT_12 24226	36.98 1.03 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.07 0.77 0.00	28.42 0.72 0.00	33.75 0.82 0.00	48.75 1.34 0.00	47.01 1.81 0.00	45.37 2.03 0.00	59.37 1.82 -18.33	61.02 1.76 -21.90	47.45 1.90 -8.59	48.37 1.88 -8.05	49.41 2.27 -6.79	48.08 2.58 0.00	47.99 2.27 0.00	50.12 2.19 0.00	108.50 5.26 0.00	86.67 4.07 0.00	54.96 1.80 0.00	56.40 1.07 0.00	55.33 0.91 0.00	51.89 1.24 0.00	43.92 1.54 0.00
ASTORIA_GT_13 24227	36.98 1.03 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.07 0.77 0.00	28.42 0.72 0.00	33.75 0.82 0.00	48.75 1.34 0.00	47.01 1.81 0.00	45.37 2.03 0.00	59.37 1.82 -18.33	61.02 1.76 -21.90	47.45 1.90 -8.59	48.37 1.88 -8.05	49.41 2.27 -6.79	48.08 2.58 0.00	47.99 2.27 0.00	50.12 2.19 0.00	108.50 5.26 0.00	86.67 4.07 0.00	54.96 1.80 0.00	56.40 1.07 0.00	55.33 0.91 0.00	51.89 1.24 0.00	43.92 1.54 0.00
ASTORIA_GT_5 24106	37.00 1.05 0.00	32.05 0.85 0.00	29.05 0.84 0.00	28.14 0.84 0.00	28.37 0.67 0.00	33.81 0.88 0.00	48.87 1.46 0.00	47.09 1.89 0.00	45.51 2.16 0.00	59.42 1.87 -18.33	61.06 1.80 -21.90	47.48 1.93 -8.59	48.36 1.88 -8.05	49.49 2.35 -6.79	48.23 2.72 0.00	48.16 2.44 0.00	50.27 2.34 0.00	108.89 5.65 0.00	87.06 4.47 0.00	55.17 2.01 0.00	56.60 1.27 0.00	55.51 1.10 0.01	52.04 1.39 0.00	44.02 1.64 0.00
ASTORIA_GT_7 24107	37.00 1.05 0.00	32.05 0.85 0.00	29.05 0.84 0.00	28.14 0.84 0.00	28.37 0.67 0.00	33.81 0.88 0.00	48.87 1.46 0.00	47.09 1.89 0.00	45.51 2.16 0.00	59.42 1.87 -18.33	61.06 1.80 -21.90	47.48 1.93 -8.59	48.36 1.88 -8.05	49.49 2.35 -6.79	48.23 2.72 0.00	48.16 2.44 0.00	50.27 2.34 0.00	108.89 5.65 0.00	87.06 4.47 0.00	55.17 2.01 0.00	56.60 1.27 0.00	55.51 1.10 0.01	52.04 1.39 0.00	44.02 1.64 0.00
ASTORIA_GT_8 24108	37.00 1.05 0.00	32.05 0.85 0.00	29.05 0.84 0.00	28.14 0.84 0.00	28.37 0.67 0.00	33.81 0.88 0.00	48.87 1.46 0.00	47.09 1.89 0.00	45.51 2.16 0.00	59.42 1.87 -18.33	61.06 1.80 -21.90	47.48 1.93 -8.59	48.36 1.88 -8.05	49.49 2.35 -6.79	48.23 2.72 0.00	48.16 2.44 0.00	50.27 2.34 0.00	108.89 5.65 0.00	87.06 4.47 0.00	55.17 2.01 0.00	56.60 1.27 0.00	55.51 1.10 0.01	52.04 1.39 0.00	44.02 1.64 0.00
ASTORIA___2 24149	36.93 0.98 0.00	31.98 0.78 0.00	28.98 0.77 0.00	28.08 0.78 0.00	28.32 0.62 0.00	33.75 0.82 0.00	48.77 1.37 0.00	47.00 1.81 0.00	45.41 2.07 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.39 1.83 -8.59	48.27 1.79 -8.05	49.39 2.25 -6.79	48.10 2.59 0.00	48.04 2.32 0.00	50.14 2.20 0.00	108.62 5.38 0.00	86.84 4.24 0.00	55.03 1.86 0.00	56.47 1.14 0.00	55.39 0.98 0.01	51.93 1.28 0.00	43.92 1.54 0.00
ASTORIA___3 23516	36.93 0.98 0.00	31.98 0.78 0.00	28.98 0.77 0.00	28.08 0.78 0.00	28.32 0.62 0.00	33.75 0.81 0.00	48.75 1.34 0.00	47.01 1.81 0.00	45.38 2.03 0.00	59.37 1.82 -18.33	61.02 1.76 -21.90	47.46 1.90 -8.59	48.37 1.88 -8.05	49.41 2.27 -6.79	48.07 2.56 0.00	47.99 2.27 0.00	50.11 2.18 0.00	108.49 5.25 0.00	86.66 4.07 0.00	54.96 1.79 0.00	56.39 1.07 0.00	55.33 0.91 0.00	51.89 1.24 0.00	43.92 1.54 0.00
ASTORIA___4 23517	36.93 0.98 0.00	31.98 0.78 0.00	28.99 0.78 0.00	28.09 0.78 0.00	28.32 0.62 0.00	33.75 0.82 0.00	48.75 1.34 0.00	47.01 1.81 0.00	45.37 2.03 0.00	59.37 1.82 -18.33	61.02 1.76 -21.90	47.45 1.90 -8.59	48.37 1.88 -8.05	49.41 2.27 -6.79	48.08 2.58 0.00	47.99 2.27 0.00	50.12 2.18 0.00	108.50 5.26 0.00	86.67 4.07 0.00	54.96 1.79 0.00	56.39 1.07 0.00	55.33 0.91 0.00	51.89 1.24 0.00	43.92 1.54 0.00
ASTORIA___5 23518	36.98 1.03 0.00	32.04 0.84 0.00	29.02 0.80 0.00	28.07 0.77 0.00	28.42 0.72 0.00	33.75 0.81 0.00	48.75 1.34 0.00	47.01 1.81 0.00	45.38 2.03 0.00	59.37 1.82 -18.33	61.02 1.76 -21.90	47.46 1.90 -8.59	48.37 1.88 -8.05	49.41 2.27 -6.79	48.07 2.56 0.00	47.99 2.27 0.00	50.11 2.18 0.00	108.49 5.25 0.00	86.66 4.07 0.00	54.96 1.79 0.00	56.39 1.07 0.00	55.33 0.91 0.00	51.89 1.24 0.00	43.92 1.54 0.00
AST_ENERGY_2_CC3 323677	37.03 1.08 0.00	32.07 0.87 0.00	29.05 0.83 0.00	28.09 0.79 0.00	28.47 0.78 0.00	33.78 0.85 0.00	48.82 1.42 0.00	47.06 1.87 0.00	45.42 2.07 0.00	59.43 1.88 -18.33	61.07 1.81 -21.90	47.49 1.93 -8.60	48.50 2.00 -8.07	49.56 2.39 -6.81	48.08 2.58 0.00	48.00 2.29 0.00	50.20 2.26 0.00	108.77 5.53 0.00	86.88 4.29 0.00	55.12 1.95 0.00	56.55 1.23 0.00	55.45 1.04 0.00	52.02 1.38 0.00	43.98 1.60 0.00
AST_ENERGY_2_CC4 323678	37.03 1.08 0.00	32.07 0.87 0.00	29.05 0.83 0.00	28.09 0.79 0.00	28.47 0.78 0.00	33.78 0.85 0.00	48.82 1.42 0.00	47.06 1.87 0.00	45.42 2.07 0.00	59.43 1.88 -18.33	61.07 1.81 -21.90	47.49 1.93 -8.60	48.50 2.00 -8.07	49.56 2.39 -6.81	48.08 2.58 0.00	48.00 2.29 0.00	50.20 2.26 0.00	108.77 5.53 0.00	86.88 4.29 0.00	55.12 1.95 0.00	56.55 1.23 0.00	55.45 1.04 0.00	52.02 1.38 0.00	43.98 1.60 0.00

ATHENS_STG_1 23668	36.40 0.45 0.00	31.65 0.44 0.00	28.66 0.45 0.00	27.73 0.43 0.00	28.13 0.44 0.00	33.39 0.46 0.00	48.14 0.74 0.00	46.08 0.88 0.00	44.19 0.85 0.00	48.07 0.72 -8.12	47.79 0.72 -9.71	40.55 0.78 -2.79	41.02 0.78 -1.81	41.41 1.05 0.00	46.67 1.16 0.00	46.53 0.82 0.00	48.46 0.53 0.00	105.08 1.84 0.00	84.02 1.42 0.00	53.49 0.32 0.00	55.01 -0.32 0.00	54.00 -0.42 0.00	50.43 -0.21 0.00	42.40 0.02 0.00
ATHENS_STG_2 23670	36.40 0.45 0.00	31.65 0.44 0.00	28.66 0.45 0.00	27.73 0.43 0.00	28.13 0.44 0.00	33.39 0.46 0.00	48.14 0.74 0.00	46.08 0.88 0.00	44.19 0.85 0.00	48.07 0.72 -8.12	47.79 0.72 -9.71	40.55 0.78 -2.79	41.02 0.78 -1.81	41.41 1.05 0.00	46.67 1.16 0.00	46.53 0.82 0.00	48.46 0.53 0.00	105.08 1.84 0.00	84.02 1.42 0.00	53.49 0.32 0.00	55.01 -0.32 0.00	54.00 -0.42 0.00	50.43 -0.21 0.00	42.40 0.02 0.00
ATHENS_STG_3 23677	36.40 0.45 0.00	31.65 0.44 0.00	28.66 0.45 0.00	27.73 0.43 0.00	28.13 0.44 0.00	33.39 0.46 0.00	48.14 0.74 0.00	46.08 0.88 0.00	44.19 0.85 0.00	48.07 0.72 -8.12	47.79 0.72 -9.71	40.55 0.78 -2.79	41.02 0.78 -1.81	41.41 1.05 0.00	46.67 1.16 0.00	46.53 0.82 0.00	48.46 0.53 0.00	105.08 1.84 0.00	84.02 1.42 0.00	53.49 0.32 0.00	55.01 -0.32 0.00	54.00 -0.42 0.00	50.43 -0.21 0.00	42.40 0.02 0.00
AUBURN___LFGE 323710	35.83 -0.12 0.00	31.00 -0.20 0.00	28.05 -0.16 0.00	27.25 -0.05 0.00	27.56 -0.13 0.00	32.99 0.05 0.00	47.53 0.12 0.00	45.38 0.18 0.00	44.03 0.68 0.00	39.38 0.16 0.00	37.53 0.17 0.00	37.25 0.28 0.00	38.84 0.41 0.00	40.94 0.58 0.00	46.13 0.62 0.00	46.44 0.73 0.00	49.18 1.24 0.00	106.72 3.48 0.00	85.90 3.30 0.00	54.69 1.52 0.00	56.00 0.67 0.00	55.05 0.64 0.00	50.89 0.24 0.00	42.53 0.15 0.00
BABYLON_RES_REC 323704	37.26 1.31 0.00	32.40 1.20 0.00	29.36 1.15 0.00	28.34 1.04 0.00	28.98 1.28 0.00	34.22 1.29 0.00	49.30 1.89 0.00	47.65 2.46 0.00	45.87 2.53 0.00	59.23 1.89 -18.13	60.81 1.80 -21.65	44.92 1.73 -6.23	44.32 1.87 -4.02	42.76 2.41 0.00	48.39 2.89 0.00	48.29 2.57 0.00	50.61 2.68 0.00	109.10 5.86 0.00	86.60 4.01 0.00	55.36 2.19 0.00	57.10 1.77 0.00	56.18 1.76 0.00	52.38 1.74 0.00	44.30 1.92 0.00
BALL_HILL_WT_PWR 323825	35.22 -0.73 0.00	30.26 -0.94 0.00	27.37 -0.84 0.00	26.48 -0.82 0.00	26.82 -0.87 0.00	32.17 -0.76 0.00	46.27 -1.14 0.00	44.13 -1.07 0.00	42.60 -0.75 0.00	38.94 -0.28 0.00	37.18 -0.18 0.00	36.99 0.03 0.00	38.49 0.06 0.00	40.65 0.30 0.00	46.17 0.67 0.00	46.17 0.46 0.00	48.15 0.22 0.00	103.21 -0.03 0.00	83.06 0.46 0.00	53.15 -0.01 0.00	54.52 -0.81 0.00	53.10 -1.31 0.00	48.86 -1.79 0.00	40.76 -1.62 0.00
BARON_WINDS___WT_PWR 323822	35.51 -0.44 0.00	30.60 -0.60 0.00	27.73 -0.48 0.00	26.80 -0.50 0.00	27.20 -0.49 0.00	32.54 -0.39 0.00	46.87 -0.54 0.00	44.62 -0.58 0.00	42.51 -0.84 0.00	38.36 -0.86 0.00	36.51 -0.85 0.00	36.25 -0.72 0.00	37.71 -0.72 0.00	39.92 -0.43 0.00	45.27 -0.24 0.00	45.50 -0.22 0.00	47.52 -0.41 0.00	103.04 -0.20 0.00	83.51 0.91 0.00	53.50 0.34 0.00	54.75 -0.58 0.00	53.28 -1.13 0.00	48.96 -1.69 0.00	40.99 -1.39 0.00
BARRETT_IC_1 23704	36.93 0.98 0.00	32.13 0.93 0.00	29.12 0.91 0.00	28.11 0.81 0.00	28.67 0.98 0.00	33.90 0.97 0.00	48.77 1.36 0.00	47.00 1.81 0.00	45.28 1.94 0.00	58.88 1.53 -18.13	60.53 1.51 -21.65	44.64 1.45 -6.23	43.90 1.44 -4.02	42.53 2.17 0.00	48.04 2.54 0.00	48.01 2.30 0.00	50.26 2.33 0.00	108.17 4.93 0.00	85.87 3.27 0.00	55.10 1.93 0.00	56.72 1.39 0.00	55.77 1.36 0.00	52.11 1.46 0.00	44.00 1.62 0.00
BARRETT_IC_10 23701	36.93 0.98 0.00	32.13 0.93 0.00	29.12 0.91 0.00	28.11 0.81 0.00	28.67 0.98 0.00	33.90 0.97 0.00	48.77 1.36 0.00	47.00 1.81 0.00	45.28 1.94 0.00	58.88 1.53 -18.13	60.53 1.51 -21.65	44.64 1.45 -6.23	43.90 1.44 -4.02	42.53 2.17 0.00	48.04 2.54 0.00	48.01 2.30 0.00	50.26 2.33 0.00	108.17 4.93 0.00	85.87 3.27 0.00	55.10 1.93 0.00	56.72 1.39 0.00	55.77 1.36 0.00	52.11 1.46 0.00	44.00 1.62 0.00
BARRETT_IC_11 23702	36.93 0.98 0.00	32.13 0.93 0.00	29.12 0.91 0.00	28.11 0.81 0.00	28.67 0.98 0.00	33.90 0.97 0.00	48.77 1.36 0.00	47.00 1.81 0.00	45.28 1.94 0.00	58.88 1.53 -18.13	60.53 1.51 -21.65	44.64 1.45 -6.23	43.90 1.44 -4.02	42.53 2.17 0.00	48.04 2.54 0.00	48.01 2.30 0.00	50.26 2.33 0.00	108.17 4.93 0.00	85.87 3.27 0.00	55.10 1.93 0.00	56.72 1.39 0.00	55.77 1.36 0.00	52.11 1.46 0.00	44.00 1.62 0.00
BARRETT_IC_12 23703	36.93 0.98 0.00	32.13 0.93 0.00	29.12 0.91 0.00	28.11 0.81 0.00	28.67 0.98 0.00	33.90 0.97 0.00	48.77 1.36 0.00	47.00 1.81 0.00	45.28 1.94 0.00	58.88 1.53 -18.13	60.53 1.51 -21.65	44.64 1.45 -6.23	43.90 1.44 -4.02	42.53 2.17 0.00	48.04 2.54 0.00	48.01 2.30 0.00	50.26 2.33 0.00	108.17 4.93 0.00	85.87 3.27 0.00	55.10 1.93 0.00	56.72 1.39 0.00	55.77 1.36 0.00	52.11 1.46 0.00	44.00 1.62 0.00
BARRETT_IC_2 23705	36.93 0.98 0.00	32.13 0.93 0.00	29.12 0.91 0.00	28.11 0.81 0.00	28.67 0.98 0.00	33.90 0.97 0.00	48.77 1.36 0.00	47.00 1.81 0.00	45.28 1.94 0.00	58.88 1.53 -18.13	60.53 1.51 -21.65	44.64 1.45 -6.23	43.90 1.44 -4.02	42.53 2.17 0.00	48.04 2.54 0.00	48.01 2.30 0.00	50.26 2.33 0.00	108.17 4.93 0.00	85.87 3.27 0.00	55.10 1.93 0.00	56.72 1.39 0.00	55.77 1.36 0.00	52.11 1.46 0.00	44.00 1.62 0.00
BARRETT_IC_3 23706	36.93 0.98 0.00	32.13 0.93 0.00	29.12 0.91 0.00	28.11 0.81 0.00	28.67 0.98 0.00	33.90 0.97 0.00	48.77 1.36 0.00	47.00 1.81 0.00	45.28 1.94 0.00	58.88 1.53 -18.13	60.53 1.51 -21.65	44.64 1.45 -6.23	43.90 1.44 -4.02	42.53 2.17 0.00	48.04 2.54 0.00	48.01 2.30 0.00	50.26 2.33 0.00	108.17 4.93 0.00	85.87 3.27 0.00	55.10 1.93 0.00	56.72 1.39 0.00	55.77 1.36 0.00	52.11 1.46 0.00	44.00 1.62 0.00
BARRETT_IC_4 23707	36.93 0.98 0.00	32.13 0.93 0.00	29.12 0.91 0.00	28.11 0.81 0.00	28.67 0.98 0.00	33.90 0.97 0.00	48.77 1.36 0.00	47.00 1.81 0.00	45.28 1.94 0.00	58.88 1.53 -18.13	60.53 1.51 -21.65	44.64 1.45 -6.23	43.90 1.44 -4.02	42.53 2.17 0.00	48.04 2.54 0.00	48.01 2.30 0.00	50.26 2.33 0.00	108.17 4.93 0.00	85.87 3.27 0.00	55.10 1.93 0.00	56.72 1.39 0.00	55.77 1.36 0.00	52.11 1.46 0.00	44.00 1.62 0.00
BARRETT_IC_5 23708	36.93 0.98 0.00	32.13 0.93 0.00	29.12 0.91 0.00	28.11 0.81 0.00	28.67 0.98 0.00	33.90 0.97 0.00	48.77 1.36 0.00	47.00 1.81 0.00	45.28 1.94 0.00	58.88 1.53 -18.13	60.53 1.51 -21.65	44.64 1.45 -6.23	43.90 1.44 -4.02	42.53 2.17 0.00	48.04 2.54 0.00	48.01 2.30 0.00	50.26 2.33 0.00	108.17 4.93 0.00	85.87 3.27 0.00	55.10 1.93 0.00	56.72 1.39 0.00	55.77 1.36 0.00	52.11 1.46 0.00	44.00 1.62 0.00

BARRETT_IC_6 23709	36.93 0.98 0.00	32.13 0.93 0.00	29.12 0.91 0.00	28.11 0.81 0.00	28.67 0.98 0.00	33.90 0.97 0.00	48.77 1.36 0.00	47.00 1.81 0.00	45.28 1.94 0.00	58.88 1.53 -18.13	60.53 1.51 -21.65	44.64 1.45 -6.23	43.90 1.44 -4.02	42.53 2.17 0.00	48.04 2.54 0.00	48.01 2.30 0.00	50.26 2.33 0.00	108.17 4.93 0.00	85.87 3.27 0.00	55.10 1.93 0.00	56.72 1.39 0.00	55.77 1.36 0.00	52.11 1.46 0.00	44.00 1.62 0.00
BARRETT_IC_7 23710	36.93 0.98 0.00	32.13 0.93 0.00	29.13 0.91 0.00	28.11 0.81 0.00	28.68 0.98 0.00	33.90 0.96 0.00	48.77 1.37 0.00	47.00 1.80 0.00	45.28 1.94 0.00	58.88 1.53 -18.13	60.53 1.51 -21.65	44.65 1.45 -6.23	43.90 1.44 -4.02	42.53 2.17 0.00	48.05 2.55 0.00	48.01 2.29 0.00	50.26 2.33 0.00	108.17 4.93 0.00	85.87 3.27 0.00	55.10 1.93 0.00	56.72 1.39 0.00	55.76 1.35 0.00	52.12 1.47 0.00	44.00 1.62 0.00
BARRETT_IC_8 23711	36.93 0.98 0.00	32.13 0.93 0.00	29.12 0.91 0.00	28.11 0.81 0.00	28.67 0.98 0.00	33.90 0.97 0.00	48.77 1.36 0.00	47.00 1.81 0.00	45.28 1.94 0.00	58.88 1.53 -18.13	60.53 1.51 -21.65	44.64 1.45 -6.23	43.90 1.44 -4.02	42.53 2.17 0.00	48.04 2.54 0.00	48.01 2.30 0.00	50.26 2.33 0.00	108.17 4.93 0.00	85.87 3.27 0.00	55.10 1.93 0.00	56.72 1.39 0.00	55.77 1.36 0.00	52.11 1.46 0.00	44.00 1.62 0.00
BARRETT_IC_9 23700	36.93 0.98 0.00	32.13 0.93 0.00	29.12 0.91 0.00	28.11 0.81 0.00	28.67 0.98 0.00	33.90 0.97 0.00	48.77 1.36 0.00	47.00 1.81 0.00	45.28 1.94 0.00	58.88 1.53 -18.13	60.53 1.51 -21.65	44.64 1.45 -6.23	43.90 1.44 -4.02	42.53 2.17 0.00	48.04 2.54 0.00	48.01 2.30 0.00	50.26 2.33 0.00	108.17 4.93 0.00	85.87 3.27 0.00	55.10 1.93 0.00	56.72 1.39 0.00	55.77 1.36 0.00	52.11 1.46 0.00	44.00 1.62 0.00
BARRETT___1 23545	36.93 0.98 0.00	32.13 0.93 0.00	29.12 0.91 0.00	28.11 0.81 0.00	28.67 0.98 0.00	33.90 0.97 0.00	48.77 1.36 0.00	47.00 1.81 0.00	45.28 1.94 0.00	58.88 1.53 -18.13	60.53 1.51 -21.65	44.64 1.45 -6.23	43.90 1.44 -4.02	42.53 2.17 0.00	48.04 2.54 0.00	48.01 2.30 0.00	50.26 2.33 0.00	108.17 4.93 0.00	85.87 3.27 0.00	55.10 1.93 0.00	56.72 1.39 0.00	55.77 1.36 0.00	52.11 1.46 0.00	44.00 1.62 0.00
BARRETT___2 23546	36.93 0.98 0.00	32.13 0.93 0.00	29.12 0.91 0.00	28.11 0.81 0.00	28.67 0.98 0.00	33.90 0.97 0.00	48.77 1.36 0.00	47.00 1.81 0.00	45.28 1.94 0.00	58.88 1.53 -18.13	60.53 1.51 -21.65	44.64 1.45 -6.23	43.90 1.44 -4.02	42.53 2.17 0.00	48.04 2.54 0.00	48.01 2.30 0.00	50.26 2.33 0.00	108.17 4.93 0.00	85.87 3.27 0.00	55.10 1.93 0.00	56.72 1.39 0.00	55.77 1.36 0.00	52.11 1.46 0.00	44.00 1.62 0.00
BATAVIA___115KV_TB1 55881	35.57 -0.38 0.00	30.54 -0.66 0.00	27.59 -0.62 0.00	26.74 -0.56 0.00	27.06 -0.63 0.00	32.50 -0.43 0.00	47.07 -0.33 0.00	44.84 -0.36 0.00	42.93 -0.42 0.00	38.95 -0.27 0.00	37.02 -0.34 0.00	36.82 -0.15 0.00	38.29 -0.14 0.00	40.42 0.06 0.00	45.94 0.44 0.00	46.02 0.30 0.00	48.27 0.34 0.00	103.45 0.21 0.00	84.18 1.59 0.00	54.37 1.20 0.00	55.98 0.65 0.00	54.51 0.10 0.00	50.27 -0.38 0.00	41.97 -0.41 0.00
BAYONEEC___CTG1 323682	37.05 1.10 0.00	32.07 0.87 0.00	29.05 0.84 0.00	28.09 0.79 0.00	28.47 0.78 0.00	33.79 0.85 0.00	48.82 1.42 0.00	47.08 1.89 0.00	45.42 2.08 0.00	59.45 1.89 -18.33	61.09 1.83 -21.90	47.54 1.96 -8.61	48.56 2.03 -8.10	49.64 2.42 -6.87	48.14 2.64 0.00	48.11 2.40 0.00	50.30 2.37 0.00	109.05 5.81 0.00	87.11 4.51 0.00	55.25 2.08 0.00	56.67 1.34 0.00	55.56 1.15 0.00	52.07 1.42 0.00	43.98 1.61 0.00
BAYONEEC___CTG10 323750	37.05 1.10 0.00	32.07 0.87 0.00	29.05 0.84 0.00	28.09 0.79 0.00	28.47 0.78 0.00	33.79 0.85 0.00	48.82 1.42 0.00	47.08 1.89 0.00	45.42 2.08 0.00	59.45 1.89 -18.33	61.09 1.83 -21.90	47.54 1.96 -8.61	48.56 2.03 -8.10	49.64 2.42 -6.87	48.14 2.64 0.00	48.11 2.40 0.00	50.30 2.37 0.00	109.05 5.81 0.00	87.11 4.51 0.00	55.25 2.08 0.00	56.67 1.34 0.00	55.56 1.15 0.00	52.07 1.42 0.00	43.98 1.61 0.00
BAYONEEC___CTG2 323683	37.05 1.10 0.00	32.07 0.87 0.00	29.05 0.84 0.00	28.09 0.79 0.00	28.47 0.78 0.00	33.79 0.85 0.00	48.82 1.42 0.00	47.08 1.89 0.00	45.42 2.08 0.00	59.45 1.89 -18.33	61.09 1.83 -21.90	47.54 1.96 -8.61	48.56 2.03 -8.10	49.64 2.42 -6.87	48.14 2.64 0.00	48.11 2.40 0.00	50.30 2.37 0.00	109.05 5.81 0.00	87.11 4.51 0.00	55.25 2.08 0.00	56.67 1.34 0.00	55.56 1.15 0.00	52.07 1.42 0.00	43.98 1.61 0.00
BAYONEEC___CTG3 323684	37.05 1.10 0.00	32.07 0.87 0.00	29.05 0.84 0.00	28.09 0.79 0.00	28.47 0.78 0.00	33.79 0.85 0.00	48.82 1.42 0.00	47.08 1.89 0.00	45.42 2.08 0.00	59.45 1.89 -18.33	61.09 1.83 -21.90	47.54 1.96 -8.61	48.56 2.03 -8.10	49.64 2.42 -6.87	48.14 2.64 0.00	48.11 2.40 0.00	50.30 2.37 0.00	109.05 5.81 0.00	87.11 4.51 0.00	55.25 2.08 0.00	56.67 1.34 0.00	55.56 1.15 0.00	52.07 1.42 0.00	43.98 1.61 0.00
BAYONEEC___CTG4 323685	37.05 1.10 0.00	32.07 0.87 0.00	29.05 0.84 0.00	28.09 0.79 0.00	28.47 0.78 0.00	33.79 0.85 0.00	48.82 1.42 0.00	47.08 1.89 0.00	45.42 2.08 0.00	59.45 1.89 -18.33	61.09 1.83 -21.90	47.54 1.96 -8.61	48.56 2.03 -8.10	49.64 2.42 -6.87	48.14 2.64 0.00	48.11 2.40 0.00	50.30 2.37 0.00	109.05 5.81 0.00	87.11 4.51 0.00	55.25 2.08 0.00	56.67 1.34 0.00	55.56 1.15 0.00	52.07 1.42 0.00	43.98 1.61 0.00
BAYONEEC___CTG5 323686	37.05 1.10 0.00	32.07 0.87 0.00	29.05 0.84 0.00	28.09 0.79 0.00	28.47 0.78 0.00	33.79 0.85 0.00	48.82 1.42 0.00	47.08 1.89 0.00	45.42 2.08 0.00	59.45 1.89 -18.33	61.09 1.83 -21.90	47.54 1.96 -8.61	48.56 2.03 -8.10	49.64 2.42 -6.87	48.14 2.64 0.00	48.11 2.40 0.00	50.30 2.37 0.00	109.05 5.81 0.00	87.11 4.51 0.00	55.25 2.08 0.00	56.67 1.34 0.00	55.56 1.15 0.00	52.07 1.42 0.00	43.98 1.61 0.00
BAYONEEC___CTG6 323687	37.05 1.10 0.00	32.07 0.87 0.00	29.05 0.84 0.00	28.09 0.79 0.00	28.47 0.78 0.00	33.79 0.85 0.00	48.82 1.42 0.00	47.08 1.89 0.00	45.42 2.08 0.00	59.45 1.89 -18.33	61.09 1.83 -21.90	47.54 1.96 -8.61	48.56 2.03 -8.10	49.64 2.42 -6.87	48.14 2.64 0.00	48.11 2.40 0.00	50.30 2.37 0.00	109.05 5.81 0.00	87.11 4.51 0.00	55.25 2.08 0.00	56.67 1.34 0.00	55.56 1.15 0.00	52.07 1.42 0.00	43.98 1.61 0.00
BAYONEEC___CTG7 323688	37.05 1.10 0.00	32.07 0.87 0.00	29.05 0.84 0.00	28.09 0.79 0.00	28.47 0.78 0.00	33.79 0.85 0.00	48.82 1.42 0.00	47.08 1.89 0.00	45.42 2.08 0.00	59.45 1.89 -18.33	61.09 1.83 -21.90	47.54 1.96 -8.61	48.56 2.03 -8.10	49.64 2.42 -6.87	48.14 2.64 0.00	48.11 2.40 0.00	50.30 2.37 0.00	109.05 5.81 0.00	87.11 4.51 0.00	55.25 2.08 0.00	56.67 1.34 0.00	55.56 1.15 0.00	52.07 1.42 0.00	43.98 1.61 0.00

BAYONEEC___CTG8 323689	37.05 1.10 0.00	32.07 0.87 0.00	29.05 0.84 0.00	28.09 0.79 0.00	28.47 0.78 0.00	33.79 0.85 0.00	48.82 1.42 0.00	47.08 1.89 0.00	45.42 2.08 0.00	59.45 1.89 -18.33	61.09 1.83 -21.90	47.54 1.96 -8.61	48.56 2.03 -8.10	49.64 2.42 -6.87	48.14 2.64 0.00	48.11 2.40 0.00	50.30 2.37 0.00	109.05 5.81 0.00	87.11 4.51 0.00	55.25 2.08 0.00	56.67 1.34 0.00	55.56 1.15 0.00	52.07 1.42 0.00	43.98 1.61 0.00
BAYONEEC___CTG9 323749	37.05 1.10 0.00	32.07 0.87 0.00	29.05 0.84 0.00	28.09 0.79 0.00	28.47 0.78 0.00	33.79 0.85 0.00	48.82 1.42 0.00	47.08 1.89 0.00	45.42 2.08 0.00	59.45 1.89 -18.33	61.09 1.83 -21.90	47.54 1.96 -8.61	48.56 2.03 -8.10	49.64 2.42 -6.87	48.14 2.64 0.00	48.11 2.40 0.00	50.30 2.37 0.00	109.05 5.81 0.00	87.11 4.51 0.00	55.25 2.08 0.00	56.67 1.34 0.00	55.56 1.15 0.00	52.07 1.42 0.00	43.98 1.61 0.00
BAYPORT_69_KV_BK 2 356364	37.39 1.44 0.00	32.64 1.44 0.00	29.62 1.41 0.00	28.55 1.25 0.00	29.36 1.66 0.00	34.62 1.69 0.00	49.72 2.31 0.00	48.16 2.97 0.00	46.48 3.14 0.00	59.53 2.18 -18.13	61.01 1.99 -21.65	45.16 1.96 -6.23	44.58 2.12 -4.02	43.13 2.77 0.00	48.86 3.36 0.00	48.73 3.02 0.00	51.02 3.09 0.00	109.96 6.72 0.00	86.93 4.33 0.00	55.54 2.37 0.00	57.35 2.03 0.00	56.58 2.16 0.00	52.73 2.08 0.00	44.56 2.19 0.00
BEACON___LESR 323632	36.72 0.76 0.00	31.88 0.68 0.00	28.83 0.61 0.00	27.89 0.59 0.00	28.31 0.61 0.00	33.69 0.75 0.00	48.62 1.21 0.00	46.36 1.16 0.00	44.40 1.05 0.00	40.01 0.79 0.00	37.98 0.61 0.00	37.44 0.47 0.00	39.01 0.57 0.00	40.93 0.57 0.00	46.11 0.61 0.00	46.49 0.78 0.00	48.94 1.01 0.00	106.63 3.39 0.00	85.34 2.75 0.00	54.85 1.68 0.00	56.72 1.39 0.00	55.76 1.34 0.00	51.92 1.28 0.00	43.29 0.91 0.00
BEAVER RIVER___HYD 24048	36.58 0.63 0.00	31.84 0.64 0.00	28.62 0.41 0.00	27.69 0.39 0.00	28.05 0.36 0.00	33.36 0.43 0.00	48.14 0.73 0.00	45.96 0.77 0.00	44.10 0.75 0.00	39.94 0.72 0.00	37.92 0.56 0.00	37.54 0.57 0.00	38.92 0.49 0.00	40.91 0.55 0.00	45.86 0.35 0.00	46.08 0.36 0.00	48.22 0.28 0.00	104.65 1.40 0.00	85.39 2.80 0.00	55.53 2.36 0.00	57.83 2.50 0.00	56.77 2.36 0.00	52.85 2.20 0.00	44.02 1.64 0.00
BEEBEE_GT_13 23619	35.57 -0.38 0.00	30.63 -0.57 0.00	27.66 -0.55 0.00	26.79 -0.51 0.00	27.13 -0.56 0.00	32.49 -0.44 0.00	46.77 -0.63 0.00	44.49 -0.71 0.00	42.86 -0.49 0.00	38.95 -0.27 0.00	37.17 -0.19 0.00	37.00 0.04 0.00	38.57 0.13 0.00	40.74 0.39 0.00	46.22 0.72 0.00	46.36 0.64 0.00	48.64 0.70 0.00	104.14 0.90 0.00	83.84 1.24 0.00	53.81 0.64 0.00	55.44 0.12 0.00	54.13 -0.29 0.00	49.99 -0.66 0.00	41.76 -0.62 0.00
BENSHRST_27_KV_BENSHRST_1 355998	37.19 1.24 0.00	32.20 1.00 0.00	29.17 0.95 0.00	28.20 0.89 0.00	28.56 0.87 0.00	33.92 0.98 0.00	48.98 1.57 0.00	47.23 2.04 0.00	45.59 2.24 0.00	59.56 2.01 -18.33	61.21 1.95 -21.90	47.67 2.11 -8.59	48.49 2.00 -8.05	49.57 2.43 -6.79	48.40 2.89 0.00	48.39 2.68 0.00	50.56 2.62 0.00	109.41 6.17 0.00	87.47 4.87 0.00	55.53 2.36 0.00	56.94 1.61 0.00	55.86 1.44 0.00	52.35 1.71 0.00	44.25 1.86 0.00
BETHLEHEM___GRP 23843	36.25 0.30 0.00	31.54 0.33 0.00	28.54 0.33 0.00	27.62 0.31 0.00	28.01 0.31 0.00	33.28 0.35 0.00	47.92 0.51 0.00	45.73 0.53 0.00	43.87 0.53 0.00	39.62 0.40 0.00	37.66 0.30 0.00	37.20 0.23 0.00	38.68 0.25 0.00	40.60 0.25 0.00	45.70 0.19 0.00	46.02 0.31 0.00	48.35 0.41 0.00	104.85 1.61 0.00	83.93 1.34 0.00	53.84 0.68 0.00	55.84 0.51 0.00	54.98 0.56 0.00	51.24 0.59 0.00	42.81 0.43 0.00
BETHLEHEM___GS1 323560	36.25 0.30 0.00	31.54 0.33 0.00	28.55 0.33 0.00	27.62 0.31 0.00	28.01 0.31 0.00	33.28 0.35 0.00	47.92 0.51 0.00	45.73 0.53 0.00	43.88 0.53 0.00	39.62 0.40 0.00	37.66 0.30 0.00	37.20 0.23 0.00	38.68 0.25 0.00	40.60 0.25 0.00	45.70 0.19 0.00	46.03 0.31 0.00	48.35 0.41 0.00	104.84 1.60 0.00	83.93 1.33 0.00	53.84 0.68 0.00	55.84 0.51 0.00	54.98 0.56 0.00	51.25 0.60 0.00	42.81 0.43 0.00
BETHLEHEM___GS2 323561	36.25 0.30 0.00	31.54 0.33 0.00	28.55 0.33 0.00	27.62 0.31 0.00	28.01 0.31 0.00	33.28 0.35 0.00	47.92 0.51 0.00	45.73 0.53 0.00	43.88 0.53 0.00	39.62 0.40 0.00	37.66 0.30 0.00	37.20 0.23 0.00	38.68 0.25 0.00	40.60 0.25 0.00	45.70 0.19 0.00	46.03 0.31 0.00	48.35 0.41 0.00	104.84 1.60 0.00	83.93 1.33 0.00	53.84 0.68 0.00	55.84 0.51 0.00	54.98 0.56 0.00	51.25 0.60 0.00	42.81 0.43 0.00
BETHLEHEM___GS3 323562	36.25 0.30 0.00	31.54 0.33 0.00	28.55 0.33 0.00	27.62 0.31 0.00	28.01 0.31 0.00	33.28 0.35 0.00	47.92 0.51 0.00	45.73 0.53 0.00	43.88 0.53 0.00	39.62 0.40 0.00	37.66 0.30 0.00	37.20 0.23 0.00	38.68 0.25 0.00	40.60 0.25 0.00	45.70 0.19 0.00	46.03 0.31 0.00	48.35 0.41 0.00	104.84 1.60 0.00	83.93 1.33 0.00	53.84 0.68 0.00	55.84 0.51 0.00	54.98 0.56 0.00	51.25 0.60 0.00	42.81 0.43 0.00
BETHLEHEM___STEEL 23779	35.23 -0.72 0.00	30.23 -0.97 0.00	27.33 -0.88 0.00	26.46 -0.84 0.00	26.77 -0.92 0.00	32.14 -0.79 0.00	46.19 -1.22 0.00	43.95 -1.25 0.00	42.50 -0.84 0.00	38.94 -0.28 0.00	37.16 -0.20 0.00	37.01 0.04 0.00	38.55 0.12 0.00	40.69 0.33 0.00	46.21 0.71 0.00	46.20 0.48 0.00	48.22 0.29 0.00	102.70 -0.55 0.00	82.59 -0.01 0.00	53.02 -0.15 0.00	54.49 -0.84 0.00	53.11 -1.31 0.00	48.94 -1.70 0.00	40.91 -1.47 0.00
BETHLHEM_115KV_TB1 79974	36.29 0.34 0.00	31.56 0.35 0.00	28.56 0.35 0.00	27.63 0.33 0.00	28.03 0.34 0.00	33.31 0.38 0.00	47.96 0.55 0.00	45.77 0.58 0.00	43.92 0.58 0.00	39.67 0.44 0.00	37.70 0.34 0.00	37.25 0.28 0.00	38.74 0.31 0.00	40.67 0.31 0.00	45.78 0.27 0.00	46.09 0.38 0.00	48.41 0.48 0.00	104.98 1.75 0.00	84.02 1.42 0.00	53.90 0.73 0.00	55.89 0.56 0.00	55.02 0.60 0.00	51.29 0.64 0.00	42.86 0.48 0.00
BETHPAGE_CC_5 323564	37.23 1.28 0.00	32.37 1.17 0.00	29.32 1.11 0.00	28.30 1.00 0.00	28.90 1.21 0.00	34.15 1.22 0.00	49.23 1.83 0.00	47.54 2.35 0.00	45.72 2.37 0.00	59.16 1.82 -18.13	60.78 1.76 -21.65	44.89 1.69 -6.23	44.24 1.79 -4.02	42.62 2.26 0.00	48.19 2.69 0.00	48.12 2.41 0.00	50.39 2.45 0.00	108.48 5.24 0.00	86.10 3.50 0.00	55.07 1.90 0.00	56.73 1.40 0.00	55.78 1.36 0.00	52.04 1.39 0.00	44.04 1.66 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.30 -0.65 0.00	30.29 -0.91 0.00	27.39 -0.82 0.00	26.51 -0.79 0.00	26.83 -0.86 0.00	32.21 -0.73 0.00	46.30 -1.11 0.00	44.08 -1.12 0.00	42.63 -0.72 0.00	39.05 -0.17 0.00	37.30 -0.07 0.00	37.14 0.17 0.00	38.69 0.26 0.00	40.84 0.49 0.00	46.40 0.89 0.00	46.36 0.65 0.00	48.41 0.48 0.00	103.18 -0.06 0.00	82.97 0.37 0.00	53.22 0.05 0.00	54.68 -0.65 0.00	53.29 -1.12 0.00	49.10 -1.55 0.00	41.03 -1.35 0.00

BINGHAMTON___COGEN 23790	35.77 -0.18 0.00	30.96 -0.24 0.00	28.06 -0.15 0.00	27.13 -0.17 0.00	27.53 -0.16 0.00	32.80 -0.14 0.00	47.28 -0.13 0.00	45.04 -0.15 0.00	43.26 -0.09 0.00	39.10 -0.12 0.00	37.19 -0.17 0.00	36.84 -0.13 0.00	38.29 -0.14 0.00	40.40 0.05 0.00	45.67 0.17 0.00	45.94 0.22 0.00	48.08 0.14 0.00	104.27 1.04 0.00	83.87 1.28 0.00	53.76 0.59 0.00	55.38 0.05 0.00	54.38 -0.03 0.00	50.39 -0.26 0.00	42.22 -0.16 0.00
BIXINCNT_115KV_LOAD 355685	35.55 -0.40 0.00	30.62 -0.59 0.00	27.72 -0.49 0.00	26.78 -0.52 0.00	27.21 -0.48 0.00	32.64 -0.29 0.00	47.09 -0.32 0.00	44.99 -0.20 0.00	43.34 -0.01 0.00	39.56 0.34 0.00	37.69 0.33 0.00	37.50 0.53 0.00	38.89 0.46 0.00	41.20 0.85 0.00	46.65 1.14 0.00	46.52 0.81 0.00	48.67 0.74 0.00	104.93 1.69 0.00	84.59 1.99 0.00	53.78 0.61 0.00	55.15 -0.18 0.00	53.76 -0.65 0.00	49.60 -1.05 0.00	41.47 -0.91 0.00
BLACK RIVER___HYD 24047	36.86 0.91 0.00	32.04 0.84 0.00	28.79 0.58 0.00	27.87 0.57 0.00	28.22 0.53 0.00	33.57 0.64 0.00	48.54 1.14 0.00	46.29 1.09 0.00	44.42 1.08 0.00	40.11 0.89 0.00	38.02 0.65 0.00	37.61 0.64 0.00	39.08 0.65 0.00	41.19 0.83 0.00	46.15 0.65 0.00	46.54 0.82 0.00	48.79 0.86 0.00	105.92 2.68 0.00	87.26 4.67 0.00	56.79 3.62 0.00	59.03 3.70 0.00	57.83 3.41 0.00	53.57 2.92 0.00	44.47 2.09 0.00
BLACKRVR_115KV_TB2 79977	36.86 0.91 0.00	32.05 0.84 0.00	28.79 0.58 0.00	27.87 0.57 0.00	28.22 0.53 0.00	33.57 0.64 0.00	48.54 1.14 0.00	46.29 1.09 0.00	44.42 1.08 0.00	40.11 0.89 0.00	38.02 0.65 0.00	37.61 0.64 0.00	39.08 0.65 0.00	41.19 0.83 0.00	46.15 0.65 0.00	46.54 0.82 0.00	48.79 0.85 0.00	105.92 2.68 0.00	87.26 4.67 0.00	56.79 3.62 0.00	59.04 3.70 0.00	57.83 3.42 0.00	53.57 2.92 0.00	44.47 2.09 0.00
BLISS_WT_PWR 323608	35.54 -0.41 0.00	30.60 -0.60 0.00	27.71 -0.50 0.00	26.77 -0.54 0.00	27.21 -0.48 0.00	32.64 -0.30 0.00	47.09 -0.32 0.00	44.99 -0.21 0.00	43.34 -0.01 0.00	39.56 0.34 0.00	37.70 0.34 0.00	37.51 0.54 0.00	38.90 0.47 0.00	41.21 0.85 0.00	46.67 1.17 0.00	46.54 0.83 0.00	48.69 0.76 0.00	104.95 1.71 0.00	84.62 2.02 0.00	53.79 0.62 0.00	55.16 -0.17 0.00	53.75 -0.66 0.00	49.58 -1.07 0.00	41.43 -0.95 0.00
BLUESTONE___WT_PWR 323821	37.23 1.28 0.00	32.19 0.99 0.00	29.15 0.94 0.00	28.19 0.88 0.00	28.62 0.92 0.00	34.15 1.21 0.00	49.44 2.04 0.00	47.06 1.87 0.00	44.95 1.61 0.00	37.43 1.06 2.85	34.79 0.81 3.39	36.77 0.77 0.97	38.63 0.83 0.63	41.58 1.22 0.00	47.06 1.56 0.00	47.31 1.59 0.00	49.70 1.76 0.00	108.69 5.45 0.00	87.92 5.32 0.00	56.77 3.60 0.00	58.44 3.11 0.00	57.19 2.77 0.00	52.85 2.21 0.00	44.02 1.63 0.00
BLUE_CIRC_CHEM_DRP 24182	36.61 0.66 0.00	31.86 0.66 0.00	28.84 0.63 0.00	27.90 0.60 0.00	28.31 0.61 0.00	33.64 0.70 0.00	48.45 1.04 0.00	46.14 0.95 0.00	44.09 0.74 0.00	39.75 0.53 0.00	37.77 0.41 0.00	37.32 0.35 0.00	38.81 0.38 0.00	40.76 0.40 0.00	45.87 0.37 0.00	46.24 0.53 0.00	48.62 0.69 0.00	105.54 2.30 0.00	84.55 1.95 0.00	54.30 1.14 0.00	56.34 1.01 0.00	55.49 1.07 0.00	51.72 1.07 0.00	43.24 0.85 0.00
BOC_GAS_DRP 24189	36.30 0.36 0.00	31.58 0.37 0.00	28.58 0.37 0.00	27.66 0.36 0.00	28.05 0.36 0.00	33.31 0.38 0.00	47.99 0.58 0.00	45.82 0.63 0.00	43.97 0.62 0.00	39.73 0.51 0.00	37.79 0.43 0.00	37.36 0.40 0.00	38.85 0.42 0.00	40.82 0.46 0.00	45.96 0.46 0.00	46.22 0.51 0.00	48.49 0.55 0.00	104.99 1.75 0.00	84.04 1.44 0.00	53.88 0.71 0.00	55.85 0.52 0.00	55.01 0.59 0.00	51.28 0.63 0.00	42.91 0.53 0.00
BOONVILLE_115KV_TB1 79983	36.60 0.65 0.00	31.83 0.63 0.00	28.69 0.48 0.00	27.76 0.46 0.00	28.14 0.45 0.00	33.52 0.58 0.00	48.33 0.93 0.00	46.09 0.90 0.00	44.12 0.77 0.00	39.82 0.60 0.00	37.84 0.48 0.00	37.45 0.48 0.00	38.87 0.44 0.00	40.96 0.61 0.00	46.19 0.69 0.00	46.44 0.72 0.00	48.76 0.82 0.00	105.91 2.68 0.00	85.67 3.07 0.00	55.37 2.21 0.00	57.44 2.11 0.00	56.41 1.99 0.00	52.37 1.72 0.00	43.66 1.28 0.00
BORALEX_4TH_BRANCH 23824	37.16 1.21 0.00	32.48 1.27 0.00	29.39 1.18 0.00	28.43 1.12 0.00	28.86 1.17 0.00	34.37 1.44 0.00	49.50 2.09 0.00	47.04 1.85 0.00	45.00 1.65 0.00	40.76 1.54 0.00	38.62 1.25 0.00	37.97 1.00 0.00	39.37 0.94 0.00	41.08 0.73 0.00	45.94 0.43 0.00	46.29 0.57 0.00	48.52 0.58 0.00	105.74 2.51 0.00	85.02 2.42 0.00	54.70 1.53 0.00	57.14 1.81 0.00	56.51 2.09 0.00	52.77 2.12 0.00	43.88 1.50 0.00
BOWLINE___1 23526	36.67 0.73 0.00	31.78 0.57 0.00	28.76 0.55 0.00	27.81 0.51 0.00	28.22 0.53 0.00	33.51 0.57 0.00	48.40 0.99 0.00	46.55 1.36 0.00	44.81 1.46 0.00	67.46 1.29 -26.94	70.80 1.26 -32.18	47.58 1.35 -9.26	45.82 1.41 -5.98	42.13 1.78 0.00	47.54 2.03 0.00	47.66 1.94 0.00	49.92 1.99 0.00	108.37 5.14 0.00	86.71 4.12 0.00	55.04 1.87 0.00	56.48 1.16 0.00	55.41 1.00 0.00	51.74 1.09 0.00	43.53 1.15 0.00
BOWLINE___2 23595	36.67 0.73 0.00	31.78 0.57 0.00	28.76 0.55 0.00	27.81 0.51 0.00	28.22 0.53 0.00	33.51 0.57 0.00	48.40 0.99 0.00	46.55 1.36 0.00	44.81 1.46 0.00	67.51 1.29 -26.99	70.86 1.26 -32.24	47.59 1.35 -9.28	45.84 1.41 -5.99	42.13 1.78 0.00	47.54 2.03 0.00	47.66 1.94 0.00	49.92 1.99 0.00	108.37 5.14 0.00	86.71 4.12 0.00	55.04 1.87 0.00	56.48 1.16 0.00	55.41 1.00 0.00	51.74 1.09 0.00	43.53 1.15 0.00
BRADY___115KV_TB2 356060	36.67 0.72 0.00	31.82 0.62 0.00	28.68 0.47 0.00	27.78 0.48 0.00	28.21 0.52 0.00	33.59 0.66 0.00	48.32 0.92 0.00	46.05 0.85 0.00	44.28 0.93 0.00	40.24 1.02 0.00	38.46 1.09 0.00	37.87 0.91 0.00	39.10 0.67 0.00	40.66 0.30 0.00	45.63 0.13 0.00	45.50 -0.22 0.00	47.43 -0.51 0.00	101.64 -1.60 0.00	81.70 -0.90 0.00	53.48 0.31 0.00	56.23 0.90 0.00	55.38 0.96 0.00	51.67 1.02 0.00	43.29 0.91 0.00
BRANSCOMB___SOLAR 323811	37.24 1.29 0.00	32.39 1.19 0.00	29.30 1.09 0.00	28.34 1.04 0.00	28.77 1.08 0.00	34.28 1.35 0.00	49.47 2.06 0.00	47.06 1.86 0.00	44.86 1.51 0.00	40.29 1.07 0.00	38.12 0.76 0.00	37.53 0.56 0.00	38.98 0.55 0.00	40.97 0.61 0.00	46.06 0.56 0.00	46.62 0.91 0.00	49.29 1.35 0.00	107.60 4.36 0.00	86.60 4.00 0.00	55.74 2.57 0.00	57.81 2.48 0.00	56.89 2.47 0.00	52.98 2.33 0.00	44.04 1.66 0.00
BRDGHMPT_69_KV_BK1 55812	37.47 1.52 0.00	32.94 1.74 0.00	30.04 1.83 0.00	28.86 1.56 0.00	29.92 2.22 0.00	35.33 2.39 0.00	50.44 3.04 0.00	49.02 3.83 0.00	47.49 4.14 0.00	60.24 2.89 -18.13	61.39 2.38 -21.65	45.55 2.35 -6.23	45.02 2.56 -4.02	43.59 3.23 0.00	49.50 4.00 0.00	49.39 3.68 0.00	51.60 3.66 0.00	111.35 8.11 0.00	87.91 5.31 0.00	55.96 2.79 0.00	57.59 2.26 0.00	56.79 2.37 0.00	53.01 2.36 0.00	44.80 2.42 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	37.37 1.42 0.00	32.56 1.36 0.00	29.51 1.30 0.00	28.49 1.19 0.00	29.18 1.49 0.00	34.40 1.47 0.00	49.54 2.13 0.00	47.89 2.69 0.00	46.16 2.81 0.00	59.42 2.07 -18.13	60.96 1.95 -21.65	45.13 1.93 -6.23	44.49 2.03 -4.02	43.00 2.64 0.00	48.65 3.15 0.00	48.46 2.74 0.00	50.65 2.72 0.00	109.35 6.11 0.00	86.30 3.71 0.00	55.24 2.07 0.00	57.18 1.85 0.00	56.34 1.93 0.00	52.55 1.90 0.00	44.48 2.10 0.00
BRISTLHL_115KV_TB1 79998	35.20 -0.75 0.00	30.50 -0.70 0.00	27.57 -0.64 0.00	26.68 -0.62 0.00	27.06 -0.63 0.00	32.24 -0.70 0.00	46.39 -1.02 0.00	44.07 -1.12 0.00	42.12 -1.23 0.00	38.05 -1.18 0.00	36.21 -1.16 0.00	35.90 -1.07 0.00	37.37 -1.06 0.00	39.34 -1.01 0.00	44.38 -1.12 0.00	44.64 -1.07 0.00	46.91 -1.03 0.00	101.34 -1.90 0.00	81.49 -1.10 0.00	52.34 -0.83 0.00	54.22 -1.11 0.00	53.19 -1.22 0.00	49.37 -1.28 0.00	41.32 -1.06 0.00
BROOKHAVEN___DRP 24191	36.87 0.92 0.00	32.32 1.11 0.00	29.40 1.19 0.00	28.30 1.00 0.00	29.23 1.54 0.00	34.45 1.52 0.00	49.20 1.80 0.00	47.75 2.55 0.00	46.13 2.78 0.00	59.07 1.73 -18.13	60.39 1.37 -21.65	44.53 1.33 -6.23	43.90 1.45 -4.02	42.39 2.04 0.00	48.02 2.51 0.00	47.86 2.14 0.00	50.06 2.13 0.00	107.99 4.75 0.00	85.43 2.83 0.00	54.60 1.43 0.00	56.34 1.02 0.00	55.61 1.19 0.00	51.87 1.22 0.00	43.89 1.51 0.00
BROOKLYN_NAVY_YARD 23515	36.96 1.01 0.00	31.97 0.77 0.01	28.95 0.74 0.01	28.00 0.70 0.00	28.39 0.69 0.00	33.71 0.77 0.00	48.71 1.31 0.00	46.98 1.79 0.00	45.37 2.02 0.00	59.40 1.84 -18.33	61.03 1.76 -21.90	47.51 1.93 -8.61	48.52 1.99 -8.10	49.59 2.37 -6.87	48.10 2.60 0.00	48.08 2.37 0.00	50.28 2.34 0.00	108.91 5.68 0.00	87.01 4.41 0.00	55.16 1.99 0.00	56.59 1.27 0.00	55.48 1.06 0.00	52.03 1.38 0.00	43.96 1.59 0.00
BROOKLYN___ARMY_DRP 323595	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.08 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	46.99 1.80 0.00	45.35 2.01 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.43 1.88 -8.59	48.24 1.75 -8.05	49.30 2.16 -6.79	48.08 2.57 0.00	48.05 2.33 0.00	50.20 2.26 0.00	108.63 5.39 0.00	86.84 4.25 0.00	55.13 1.96 0.00	56.54 1.21 0.00	55.48 1.07 0.00	52.01 1.36 0.00	43.99 1.61 0.00
BROOME_2_LFGE 323671	35.77 -0.18 0.00	30.96 -0.24 0.00	28.06 -0.15 0.00	27.13 -0.17 0.00	27.53 -0.16 0.00	32.80 -0.13 0.00	47.28 -0.12 0.00	45.04 -0.15 0.00	43.26 -0.09 0.00	39.09 -0.13 0.00	37.18 -0.18 0.00	36.83 -0.14 0.00	38.29 -0.14 0.00	40.40 0.05 0.00	45.67 0.17 0.00	45.94 0.22 0.00	48.08 0.14 0.00	104.27 1.03 0.00	83.87 1.28 0.00	53.75 0.58 0.00	55.38 0.05 0.00	54.38 -0.04 0.00	50.39 -0.26 0.00	42.22 -0.16 0.00
BROOME___LFGE 323600	35.77 -0.18 0.00	30.96 -0.24 0.00	28.06 -0.15 0.00	27.13 -0.17 0.00	27.53 -0.16 0.00	32.80 -0.13 0.00	47.28 -0.12 0.00	45.04 -0.15 0.00	43.26 -0.09 0.00	39.09 -0.13 0.00	37.18 -0.18 0.00	36.83 -0.14 0.00	38.29 -0.14 0.00	40.40 0.05 0.00	45.67 0.17 0.00	45.94 0.22 0.00	48.08 0.14 0.00	104.27 1.03 0.00	83.87 1.28 0.00	53.75 0.58 0.00	55.38 0.05 0.00	54.38 -0.04 0.00	50.39 -0.26 0.00	42.22 -0.16 0.00
BROWNFLS_115KV_TB 3_5 80003	36.37 0.42 0.00	31.62 0.42 0.00	28.45 0.24 0.00	27.54 0.24 0.00	27.92 0.23 0.00	33.22 0.28 0.00	47.86 0.45 0.00	45.69 0.49 0.00	43.96 0.61 0.00	39.89 0.67 0.00	37.99 0.63 0.00	37.55 0.59 0.00	38.81 0.38 0.00	40.59 0.24 0.00	45.37 -0.13 0.00	45.39 -0.32 0.00	47.36 -0.57 0.00	102.36 -0.88 0.00	83.00 0.40 0.00	54.05 0.88 0.00	56.57 1.24 0.00	55.70 1.28 0.00	52.00 1.35 0.00	43.50 1.12 0.00
BROWNSV1_27_KV_LOAD 356125	37.34 1.39 0.00	32.31 1.11 0.00	29.26 1.05 0.00	28.28 0.98 0.00	28.67 0.97 0.00	34.05 1.12 0.00	49.27 1.86 0.00	47.48 2.29 0.00	45.79 2.44 0.00	59.78 2.23 -18.33	61.41 2.15 -21.90	47.86 2.28 -8.61	48.90 2.37 -8.10	50.00 2.78 -6.87	48.57 3.07 0.00	48.53 2.82 0.00	50.75 2.82 0.00	109.99 6.75 0.00	87.86 5.26 0.00	55.74 2.57 0.00	57.19 1.86 0.00	56.06 1.65 0.00	52.53 1.88 0.00	44.36 1.98 0.00
BURROWS___LYONSDAL 23803	36.56 0.61 0.00	31.81 0.60 0.00	28.66 0.45 0.00	27.72 0.41 0.00	28.09 0.40 0.00	33.43 0.50 0.00	48.20 0.79 0.00	46.00 0.81 0.00	44.05 0.71 0.00	39.81 0.59 0.00	37.84 0.48 0.00	37.44 0.47 0.00	38.86 0.43 0.00	40.92 0.56 0.00	46.11 0.60 0.00	46.35 0.63 0.00	48.64 0.70 0.00	105.67 2.44 0.00	85.63 3.04 0.00	55.43 2.26 0.00	57.54 2.21 0.00	56.51 2.09 0.00	52.48 1.83 0.00	43.74 1.37 0.00
CAITHNESS_CC_1 323624	36.88 0.93 0.00	32.28 1.08 0.00	29.35 1.13 0.00	28.27 0.97 0.00	29.14 1.44 0.00	34.33 1.40 0.00	49.15 1.74 0.00	47.64 2.45 0.00	46.01 2.66 0.00	59.02 1.68 -18.13	60.41 1.39 -21.65	44.55 1.35 -6.23	43.93 1.47 -4.02	42.40 2.04 0.00	47.99 2.49 0.00	47.82 2.11 0.00	50.02 2.08 0.00	107.82 4.58 0.00	85.33 2.73 0.00	54.54 1.37 0.00	56.29 0.96 0.00	55.58 1.17 0.00	51.84 1.19 0.00	43.89 1.51 0.00
CALPINE BETH_PAGE_GT4 24209	37.22 1.27 0.00	32.35 1.15 0.00	29.30 1.09 0.00	28.28 0.98 0.00	28.87 1.18 0.00	34.13 1.20 0.00	49.20 1.79 0.00	47.50 2.30 0.00	45.71 2.36 0.00	59.20 1.85 -18.13	60.81 1.79 -21.65	44.96 1.76 -6.23	44.32 1.86 -4.02	42.63 2.28 0.00	48.21 2.70 0.00	48.15 2.44 0.00	50.42 2.49 0.00	108.49 5.25 0.00	86.10 3.50 0.00	55.08 1.91 0.00	56.72 1.39 0.00	55.73 1.32 0.00	52.03 1.38 0.00	44.08 1.70 0.00
CALPINE_BETH_PAGE_GT_4 323586	37.22 1.27 0.00	32.35 1.15 0.00	29.30 1.09 0.00	28.28 0.97 0.00	28.87 1.18 0.00	34.13 1.20 0.00	49.20 1.79 0.00	47.50 2.31 0.00	45.71 2.36 0.00	59.20 1.85 -18.13	60.81 1.80 -21.65	44.95 1.75 -6.23	44.31 1.86 -4.02	42.63 2.28 0.00	48.20 2.70 0.00	48.15 2.44 0.00	50.43 2.49 0.00	108.50 5.26 0.00	86.10 3.50 0.00	55.08 1.91 0.00	56.72 1.39 0.00	55.74 1.33 0.00	52.03 1.38 0.00	44.08 1.70 0.00
CALPINE_BP_GT1 23823	37.22 1.27 0.00	32.35 1.15 0.00	29.30 1.09 0.00	28.28 0.97 0.00	28.87 1.18 0.00	34.13 1.20 0.00	49.20 1.79 0.00	47.50 2.31 0.00	45.71 2.36 0.00	59.20 1.85 -18.13	60.81 1.80 -21.65	44.95 1.75 -6.23	44.31 1.86 -4.02	42.63 2.28 0.00	48.20 2.70 0.00	48.15 2.44 0.00	50.43 2.49 0.00	108.50 5.26 0.00	86.10 3.50 0.00	55.08 1.91 0.00	56.72 1.39 0.00	55.74 1.33 0.00	52.03 1.38 0.00	44.08 1.70 0.00
CALSPAN___DRP 24200	35.23 -0.72 0.00	30.23 -0.97 0.00	27.33 -0.88 0.00	26.46 -0.84 0.00	26.77 -0.92 0.00	32.14 -0.79 0.00	46.19 -1.22 0.00	43.95 -1.25 0.00	42.50 -0.84 0.00	38.94 -0.28 0.00	37.16 -0.20 0.00	37.01 0.04 0.00	38.55 0.12 0.00	40.69 0.33 0.00	46.21 0.71 0.00	46.20 0.48 0.00	48.22 0.29 0.00	102.70 -0.55 0.00	82.59 -0.01 0.00	53.02 -0.15 0.00	54.49 -0.84 0.00	53.11 -1.31 0.00	48.94 -1.70 0.00	40.91 -1.47 0.00

CALVERTON___SOLAR 323806	36.90 0.95 0.00	32.38 1.18 0.00	29.47 1.26 0.00	28.35 1.04 0.00	29.33 1.64 0.00	34.58 1.64 0.00	49.33 1.92 0.00	47.90 2.70 0.00	46.30 2.95 0.00	59.16 1.82 -18.13	60.43 1.41 -21.65	44.56 1.37 -6.23	43.97 1.51 -4.02	42.45 2.10 0.00	48.10 2.60 0.00	47.97 2.25 0.00	50.19 2.26 0.00	108.29 5.05 0.00	85.70 3.10 0.00	54.74 1.57 0.00	56.47 1.15 0.00	55.73 1.32 0.00	51.97 1.32 0.00	43.96 1.58 0.00
CANDIGU_WT_PWR 323617	35.51 -0.44 0.00	30.60 -0.60 0.00	27.73 -0.48 0.00	26.80 -0.50 0.00	27.20 -0.49 0.00	32.54 -0.39 0.00	46.87 -0.54 0.00	44.62 -0.58 0.00	42.51 -0.84 0.00	38.36 -0.86 0.00	36.51 -0.85 0.00	36.25 -0.72 0.00	37.71 -0.72 0.00	39.92 -0.43 0.00	45.27 -0.24 0.00	45.50 -0.22 0.00	47.52 -0.41 0.00	103.04 -0.20 0.00	83.51 0.91 0.00	53.50 0.34 0.00	54.75 -0.58 0.00	53.28 -1.13 0.00	48.96 -1.69 0.00	40.99 -1.39 0.00
CARR STREET_E_SYR 24060	35.45 -0.50 0.00	30.70 -0.51 0.00	27.77 -0.45 0.00	26.87 -0.44 0.00	27.25 -0.44 0.00	32.48 -0.45 0.00	46.79 -0.61 0.00	44.52 -0.68 0.00	42.81 -0.54 0.00	38.67 -0.55 0.00	36.82 -0.54 0.00	36.52 -0.44 0.00	38.02 -0.41 0.00	40.04 -0.32 0.00	45.24 -0.27 0.00	45.53 -0.18 0.00	47.81 -0.12 0.00	103.36 0.12 0.00	83.07 0.47 0.00	53.23 0.06 0.00	55.03 -0.30 0.00	53.98 -0.43 0.00	50.06 -0.59 0.00	41.89 -0.49 0.00
CARTHAGE___PAPER 23857	36.96 1.01 0.00	32.15 0.95 0.00	28.89 0.68 0.00	27.96 0.66 0.00	28.32 0.63 0.00	33.70 0.76 0.00	48.69 1.28 0.00	46.47 1.28 0.00	44.58 1.23 0.00	40.26 1.04 0.00	38.13 0.77 0.00	37.77 0.80 0.00	39.19 0.76 0.00	41.26 0.90 0.00	46.27 0.76 0.00	46.57 0.85 0.00	48.75 0.82 0.00	105.88 2.64 0.00	86.83 4.23 0.00	56.53 3.37 0.00	58.84 3.51 0.00	57.69 3.28 0.00	53.56 2.91 0.00	44.53 2.15 0.00
CASSADAGA_WT_PWR 323784	35.76 -0.19 0.00	30.74 -0.46 0.00	27.80 -0.41 0.00	26.89 -0.41 0.00	27.28 -0.41 0.00	32.59 -0.35 0.00	47.02 -0.38 0.00	45.24 0.05 0.00	43.60 0.25 0.00	39.73 0.51 0.00	37.93 0.57 0.00	37.73 0.76 0.00	39.18 0.75 0.00	41.48 1.12 0.00	47.04 1.54 0.00	47.03 1.32 0.00	49.09 1.16 0.00	106.05 2.81 0.00	85.50 2.90 0.00	54.46 1.29 0.00	55.77 0.44 0.00	53.92 -0.49 0.00	49.33 -1.32 0.00	40.67 -1.71 0.00
CE_DUNWOOD___DRP 24194	36.87 0.92 0.00	31.96 0.76 0.00	28.94 0.72 0.00	27.97 0.67 0.00	28.38 0.69 0.00	33.69 0.75 0.00	48.67 1.27 0.00	46.84 1.64 0.00	45.12 1.77 0.00	60.28 1.58 -19.47	62.15 1.53 -23.26	45.27 1.61 -6.69	44.43 1.67 -4.32	42.41 2.05 0.00	47.81 2.30 0.00	47.88 2.17 0.00	50.13 2.20 0.00	108.70 5.46 0.00	86.90 4.30 0.00	55.21 2.05 0.00	56.70 1.37 0.00	55.60 1.19 0.00	51.96 1.31 0.00	43.78 1.40 0.00
CE_MILLWOOD___DRP 24193	36.80 0.86 0.00	31.90 0.70 0.00	28.88 0.67 0.00	27.93 0.62 0.00	28.33 0.64 0.00	33.64 0.70 0.00	48.59 1.18 0.00	46.74 1.55 0.00	45.00 1.66 0.00	60.97 1.47 -20.28	63.02 1.44 -24.22	45.44 1.50 -6.97	44.52 1.58 -4.50	42.29 1.94 0.00	47.68 2.18 0.00	47.76 2.05 0.00	50.03 2.10 0.00	108.54 5.30 0.00	86.79 4.19 0.00	55.13 1.97 0.00	56.64 1.31 0.00	55.54 1.13 0.00	51.89 1.25 0.00	43.69 1.31 0.00
CE_NYC2_DRP 24202	37.01 1.07 0.00	32.06 0.86 0.00	29.05 0.83 0.00	28.09 0.79 0.00	28.45 0.75 0.00	33.78 0.84 0.00	48.81 1.40 0.00	47.07 1.87 0.00	45.42 2.08 0.00	59.43 1.88 -18.33	61.07 1.81 -21.90	47.51 1.96 -8.59	48.42 1.94 -8.05	49.48 2.34 -6.79	48.14 2.63 0.00	48.05 2.34 0.00	50.21 2.27 0.00	108.66 5.42 0.00	86.83 4.23 0.00	55.06 1.90 0.00	56.50 1.17 0.00	55.41 0.99 0.00	51.97 1.32 0.00	43.97 1.59 0.00
CE_NYC_DRP 24195	37.10 1.15 0.00	32.13 0.93 0.00	29.10 0.88 0.00	28.14 0.84 0.00	28.52 0.83 0.00	33.85 0.91 0.00	48.94 1.53 0.00	47.19 2.00 0.00	45.54 2.20 0.00	59.55 2.00 -18.33	61.21 1.94 -21.90	47.66 2.07 -8.62	48.70 2.15 -8.12	49.79 2.54 -6.89	48.30 2.80 0.00	48.25 2.53 0.00	50.46 2.52 0.00	109.34 6.10 0.00	87.33 4.73 0.00	55.39 2.22 0.00	56.83 1.50 0.00	55.69 1.27 0.00	52.21 1.56 0.00	44.09 1.71 0.00
CHAFFEE___LFGE 323603	35.30 -0.65 0.00	30.31 -0.89 0.00	27.41 -0.80 0.00	26.52 -0.78 0.00	26.85 -0.84 0.00	32.22 -0.71 0.00	46.34 -1.07 0.00	44.13 -1.06 0.00	42.65 -0.69 0.00	39.04 -0.18 0.00	37.23 -0.13 0.00	37.07 0.10 0.00	38.60 0.17 0.00	40.74 0.38 0.00	46.28 0.77 0.00	46.31 0.60 0.00	48.33 0.40 0.00	103.23 -0.01 0.00	83.07 0.47 0.00	53.29 0.12 0.00	54.78 -0.55 0.00	53.38 -1.03 0.00	49.20 -1.45 0.00	41.10 -1.28 0.00
CHATEAUG_35_KV_LOAD 355732	36.04 0.09 0.00	31.30 0.10 0.00	28.25 0.04 0.00	27.33 0.03 0.00	27.76 0.07 0.00	33.09 0.15 0.00	47.69 0.28 0.00	45.47 0.27 0.00	43.69 0.34 0.00	39.67 0.45 0.00	37.80 0.44 0.00	37.37 0.41 0.00	38.81 0.38 0.00	40.51 0.15 0.00	45.56 0.06 0.00	45.62 -0.09 0.00	47.77 -0.17 0.00	102.48 -0.76 0.00	82.08 -0.52 0.00	53.22 0.05 0.00	55.71 0.38 0.00	54.79 0.37 0.00	51.02 0.37 0.00	42.57 0.19 0.00
CHATEAUG_WT_PWR 323614	36.02 0.07 0.00	31.27 0.07 0.00	28.24 0.03 0.00	27.32 0.02 0.00	27.74 0.05 0.00	33.07 0.13 0.00	47.67 0.27 0.00	45.42 0.23 0.00	43.67 0.33 0.00	39.65 0.43 0.00	37.83 0.47 0.00	37.40 0.44 0.00	38.84 0.41 0.00	40.53 0.18 0.00	45.60 0.10 0.00	45.68 -0.04 0.00	47.84 -0.09 0.00	102.66 -0.58 0.00	82.16 -0.44 0.00	53.19 0.02 0.00	55.65 0.33 0.00	54.73 0.31 0.00	51.00 0.36 0.00	42.55 0.17 0.00
CHAT_HIGH_FALL_HYD 323578	36.04 0.09 0.00	31.30 0.10 0.00	28.25 0.04 0.00	27.33 0.03 0.00	27.76 0.07 0.00	33.09 0.15 0.00	47.69 0.28 0.00	45.47 0.27 0.00	43.69 0.34 0.00	39.67 0.45 0.00	37.80 0.44 0.00	37.37 0.41 0.00	38.81 0.38 0.00	40.51 0.15 0.00	45.56 0.06 0.00	45.62 -0.09 0.00	47.77 -0.17 0.00	102.48 -0.76 0.00	82.08 -0.52 0.00	53.22 0.05 0.00	55.71 0.38 0.00	54.79 0.37 0.00	51.02 0.37 0.00	42.57 0.19 0.00
CHAUTAUQUA___LFGE 323629	35.44 -0.50 0.00	30.45 -0.75 0.00	27.56 -0.65 0.00	26.65 -0.65 0.00	27.02 -0.67 0.00	32.36 -0.58 0.00	46.59 -0.82 0.00	44.57 -0.62 0.00	42.97 -0.38 0.00	39.20 -0.02 0.00	37.44 0.08 0.00	37.24 0.27 0.00	38.73 0.30 0.00	40.94 0.59 0.00	46.50 1.00 0.00	46.55 0.84 0.00	48.50 0.56 0.00	104.44 1.20 0.00	84.11 1.51 0.00	53.72 0.55 0.00	55.04 -0.29 0.00	53.50 -0.92 0.00	49.08 -1.57 0.00	40.79 -1.59 0.00
CHERRYST_13_KV_LD 356241	37.20 1.25 0.00	32.22 1.02 0.00	29.18 0.97 0.00	28.21 0.91 0.00	28.59 0.90 0.00	33.95 1.01 0.00	49.08 1.67 0.00	47.35 2.15 0.00	45.70 2.36 0.00	59.71 2.16 -18.33	61.36 2.10 -21.90	47.83 2.24 -8.62	48.86 2.32 -8.12	49.98 2.73 -6.89	48.51 3.00 0.00	48.47 2.75 0.00	50.68 2.74 0.00	109.78 6.54 0.00	87.67 5.08 0.00	55.58 2.41 0.00	57.02 1.69 0.00	55.88 1.46 0.00	52.37 1.72 0.00	44.22 1.84 0.00

CHESTROR_138KV_BK263 355645	36.57 0.62 0.00	31.71 0.50 0.00	28.70 0.48 0.00	27.75 0.45 0.00	28.16 0.47 0.00	33.44 0.51 0.00	48.29 0.88 0.00	46.39 1.20 0.00	44.62 1.27 0.00	23.40 1.09 16.91	18.24 1.05 20.16	32.28 1.11 5.80	35.85 1.16 3.75	41.84 1.48 0.00	47.20 1.70 0.00	47.37 1.66 0.00	49.66 1.73 0.00	107.78 4.54 0.00	86.32 3.72 0.00	54.94 1.77 0.00	56.47 1.15 0.00	55.39 0.97 0.00	51.68 1.03 0.00	43.42 1.03 0.00
CH_MIDHUDSON___DRP 24192	36.86 0.91 0.00	31.97 0.77 0.00	28.94 0.73 0.00	27.99 0.68 0.00	28.39 0.70 0.00	33.72 0.79 0.00	48.72 1.32 0.00	46.80 1.61 0.00	44.99 1.65 0.00	43.82 1.45 -3.15	42.69 1.42 -3.90	39.51 1.41 -1.13	40.63 1.47 -0.73	42.15 1.79 0.00	47.55 2.04 0.00	47.71 1.99 0.00	50.04 2.11 0.00	108.60 5.36 0.00	86.91 4.31 0.00	55.34 2.18 0.00	56.93 1.60 0.00	55.85 1.44 0.00	52.11 1.46 0.00	43.75 1.37 0.00
CH_MISC_IPPS 23765	37.04 1.09 0.00	32.10 0.90 0.00	29.05 0.84 0.00	28.10 0.79 0.00	28.50 0.81 0.00	33.87 0.93 0.00	48.94 1.53 0.00	47.03 1.83 0.00	45.21 1.86 0.00	40.86 1.64 0.00	38.95 1.59 0.00	38.56 1.59 0.00	40.11 1.68 0.00	42.39 2.04 0.00	47.87 2.37 0.00	48.07 2.36 0.00	50.45 2.52 0.00	109.53 6.29 0.00	87.68 5.09 0.00	55.80 2.63 0.00	57.35 2.03 0.00	56.22 1.81 0.00	52.42 1.77 0.00	44.00 1.62 0.00
CH_RES_BVR_FALLS 23983	35.91 -0.04 0.00	31.17 -0.03 0.00	28.17 -0.05 0.00	27.26 -0.04 0.00	27.65 -0.04 0.00	32.89 -0.04 0.00	47.33 -0.08 0.00	45.11 -0.08 0.00	43.32 -0.03 0.00	39.25 0.03 0.00	37.42 0.06 0.00	37.01 0.04 0.00	38.47 0.04 0.00	40.32 -0.03 0.00	45.45 -0.06 0.00	45.61 -0.10 0.00	47.80 -0.14 0.00	102.87 -0.37 0.00	82.32 -0.28 0.00	53.07 -0.09 0.00	55.32 -0.01 0.00	54.40 -0.01 0.00	50.65 0.00 0.00	42.37 -0.01 0.00
CH_RES_NIAGARA 23895	34.47 -1.48 0.00	29.61 -1.59 0.00	26.75 -1.46 0.00	25.94 -1.36 0.00	26.23 -1.47 0.00	31.45 -1.48 0.00	45.09 -2.32 0.00	42.68 -2.51 0.00	41.36 -1.98 0.00	37.97 -1.25 0.00	36.23 -1.14 0.00	36.09 -0.88 0.00	37.56 -0.88 0.00	39.61 -0.75 0.00	44.92 -0.59 0.00	44.53 -1.19 0.00	46.42 -1.51 0.00	98.06 -5.18 0.00	78.78 -3.82 0.00	50.67 -2.50 0.00	52.14 -3.19 0.00	50.90 -3.51 0.00	47.52 -3.14 0.00	39.98 -2.41 0.00
CH_RES_SYRACUSE 23985	35.61 -0.33 0.00	30.85 -0.36 0.00	27.90 -0.31 0.00	27.01 -0.30 0.00	27.39 -0.30 0.00	32.67 -0.27 0.00	47.16 -0.25 0.00	44.93 -0.26 0.00	43.61 0.26 0.00	39.23 0.02 0.00	37.35 -0.01 0.00	37.05 0.08 0.00	38.62 0.19 0.00	40.68 0.32 0.00	45.92 0.42 0.00	46.28 0.57 0.00	48.82 0.89 0.00	105.76 2.52 0.00	85.14 2.55 0.00	54.06 0.89 0.00	55.60 0.27 0.00	54.56 0.15 0.00	50.57 -0.08 0.00	42.31 -0.07 0.00
CLINTON_WT_PWR 323605	36.02 0.07 0.00	31.27 0.07 0.00	28.24 0.03 0.00	27.32 0.02 0.00	27.74 0.05 0.00	33.07 0.13 0.00	47.67 0.27 0.00	45.42 0.23 0.00	43.67 0.33 0.00	39.65 0.43 0.00	37.83 0.47 0.00	37.40 0.44 0.00	38.84 0.41 0.00	40.53 0.18 0.00	45.60 0.10 0.00	45.68 -0.04 0.00	47.84 -0.09 0.00	102.66 -0.58 0.00	82.16 -0.44 0.00	53.19 0.02 0.00	55.65 0.33 0.00	54.73 0.31 0.00	51.00 0.36 0.00	42.55 0.17 0.00
CLINTON___LFGE 323618	36.43 0.48 0.00	31.63 0.43 0.00	28.57 0.36 0.00	27.63 0.33 0.00	28.06 0.37 0.00	33.48 0.55 0.00	48.30 0.89 0.00	45.97 0.78 0.00	44.21 0.86 0.00	40.14 0.93 0.00	38.27 0.91 0.00	37.81 0.84 0.00	39.24 0.81 0.00	40.91 0.55 0.00	45.99 0.48 0.00	46.05 0.34 0.00	48.32 0.38 0.00	103.87 0.64 0.00	83.40 0.81 0.00	54.01 0.85 0.00	56.45 1.12 0.00	55.46 1.05 0.00	51.65 1.00 0.00	43.02 0.64 0.00
COBBLENY_34_KV_TB1 80064	35.30 -0.65 0.00	30.31 -0.89 0.00	27.41 -0.80 0.00	26.52 -0.78 0.00	26.85 -0.84 0.00	32.22 -0.72 0.00	46.34 -1.07 0.00	44.14 -1.06 0.00	42.66 -0.69 0.00	39.04 -0.18 0.00	37.23 -0.14 0.00	37.06 0.09 0.00	38.60 0.17 0.00	40.75 0.40 0.00	46.26 0.76 0.00	46.31 0.60 0.00	48.33 0.39 0.00	103.24 0.00 0.00	83.06 0.47 0.00	53.28 0.12 0.00	54.78 -0.55 0.00	53.40 -1.02 0.00	49.20 -1.45 0.00	41.10 -1.28 0.00
COFFEEN___115KV_TB3 355620	36.98 1.03 0.00	32.13 0.93 0.00	28.88 0.67 0.00	27.96 0.65 0.00	28.31 0.62 0.00	33.70 0.77 0.00	48.73 1.33 0.00	46.47 1.27 0.00	44.58 1.23 0.00	40.20 0.98 0.00	38.06 0.70 0.00	37.70 0.73 0.00	39.16 0.73 0.00	41.29 0.94 0.00	46.25 0.75 0.00	46.67 0.96 0.00	48.94 1.01 0.00	106.18 2.94 0.00	87.59 5.00 0.00	57.03 3.86 0.00	59.30 3.97 0.00	58.08 3.67 0.00	53.77 3.11 0.00	44.62 2.24 0.00
COLDSPRG_115KV_BK1 355956	36.00 0.05 0.00	31.01 -0.19 0.00	28.08 -0.13 0.00	27.14 -0.16 0.00	27.57 -0.13 0.00	32.99 0.05 0.00	47.67 0.26 0.00	45.81 0.62 0.00	44.05 0.70 0.00	40.13 0.91 0.00	38.25 0.89 0.00	38.00 1.03 0.00	39.35 0.92 0.00	41.76 1.41 0.00	47.20 1.69 0.00	47.04 1.33 0.00	49.27 1.34 0.00	106.98 3.74 0.00	86.32 3.72 0.00	54.72 1.55 0.00	56.04 0.71 0.00	54.39 -0.02 0.00	50.08 -0.57 0.00	41.72 -0.66 0.00
COLONIE_LFGE___ 323577	36.85 0.91 0.00	32.10 0.89 0.00	29.03 0.82 0.00	28.09 0.79 0.00	28.50 0.81 0.00	33.91 0.97 0.00	48.88 1.47 0.00	46.56 1.36 0.00	44.55 1.20 0.00	40.22 1.00 0.00	38.17 0.81 0.00	37.62 0.65 0.00	39.09 0.66 0.00	40.99 0.63 0.00	46.05 0.55 0.00	46.43 0.72 0.00	48.87 0.93 0.00	106.25 3.01 0.00	85.24 2.64 0.00	54.76 1.59 0.00	56.87 1.54 0.00	56.06 1.64 0.00	52.26 1.61 0.00	43.53 1.15 0.00
COOPERNY_115KV_TB1 80082	36.32 0.38 0.00	31.50 0.30 0.00	28.52 0.31 0.00	27.59 0.28 0.00	27.99 0.29 0.00	33.24 0.31 0.00	47.97 0.56 0.00	46.02 0.83 0.00	44.23 0.88 0.00	32.96 0.88 7.15	29.71 0.85 8.50	35.40 0.87 2.44	37.75 0.90 1.58	41.53 1.18 0.00	46.88 1.38 0.00	47.06 1.35 0.00	49.34 1.41 0.00	107.09 3.85 0.00	85.59 2.99 0.00	54.34 1.17 0.00	56.01 0.67 0.00	54.99 0.57 0.00	51.26 0.61 0.00	43.02 0.64 0.00
COPENHAGEN_WT_PWR 323753	36.53 0.59 0.00	31.80 0.60 0.00	28.55 0.34 0.00	27.64 0.34 0.00	27.97 0.28 0.00	33.21 0.28 0.00	48.01 0.60 0.00	45.80 0.61 0.00	44.00 0.65 0.00	39.79 0.57 0.00	37.79 0.43 0.00	37.36 0.40 0.00	38.82 0.39 0.00	40.90 0.54 0.00	45.88 0.37 0.00	46.32 0.60 0.00	48.58 0.64 0.00	105.43 2.19 0.00	86.69 4.09 0.00	56.36 3.18 0.00	58.56 3.23 0.00	57.40 2.99 0.00	53.19 2.54 0.00	44.15 1.76 0.00
CORNELL_____ 23752	36.22 0.27 0.00	31.33 0.13 0.00	28.36 0.15 0.00	27.44 0.14 0.00	27.85 0.16 0.00	33.20 0.27 0.00	47.94 0.53 0.00	45.72 0.53 0.00	43.82 0.47 0.00	39.25 0.03 0.00	37.20 -0.17 0.00	36.83 -0.13 0.00	38.33 -0.10 0.00	40.43 0.07 0.00	45.70 0.19 0.00	45.97 0.26 0.00	48.44 0.50 0.00	105.41 2.18 0.00	85.37 2.77 0.00	54.90 1.73 0.00	56.58 1.25 0.00	55.46 1.04 0.00	51.35 0.70 0.00	42.91 0.53 0.00

CORONA_V_69_KV_TB1 355595	37.09 1.15 0.00	32.26 1.05 0.00	29.27 1.06 0.00	28.26 0.96 0.00	28.79 1.10 0.00	34.07 1.14 0.00	49.12 1.71 0.00	47.34 2.14 0.00	45.61 2.27 0.00	59.23 1.88 -18.13	60.90 1.88 -21.65	45.05 1.85 -6.23	44.42 1.97 -4.02	42.93 2.58 0.00	48.50 2.99 0.00	48.49 2.78 0.00	50.78 2.84 0.00	109.58 6.34 0.00	87.13 4.54 0.00	55.70 2.53 0.00	57.33 2.01 0.00	56.30 1.88 0.00	52.51 1.86 0.00	44.30 1.92 0.00
CORTLAND_115KV_TB3 80093	36.01 0.06 0.00	31.18 -0.02 0.00	28.22 0.01 0.00	27.29 -0.02 0.00	27.70 0.01 0.00	33.00 0.07 0.00	47.63 0.22 0.00	45.39 0.19 0.00	43.54 0.19 0.00	39.16 -0.06 0.00	37.20 -0.16 0.00	36.85 -0.12 0.00	38.33 -0.10 0.00	40.42 0.06 0.00	45.68 0.18 0.00	45.97 0.26 0.00	48.28 0.35 0.00	104.85 1.61 0.00	84.56 1.96 0.00	54.32 1.15 0.00	56.07 0.74 0.00	55.01 0.59 0.00	50.98 0.33 0.00	42.64 0.26 0.00
COXSACKIE___GT 23611	37.74 1.79 0.00	32.79 1.59 0.00	29.66 1.45 0.00	28.67 1.37 0.00	29.10 1.41 0.00	34.67 1.74 0.00	50.14 2.73 0.00	47.91 2.71 0.00	45.58 2.23 0.00	40.67 1.45 0.00	38.47 1.11 0.00	37.90 0.93 0.00	39.45 1.01 0.00	41.44 1.08 0.00	46.67 1.17 0.00	47.39 1.67 0.00	49.91 1.97 0.00	110.28 7.04 0.00	88.48 5.89 0.00	57.02 3.85 0.00	59.10 3.77 0.00	58.02 3.60 0.00	53.81 3.16 0.00	44.76 2.38 0.00
CPV_VALLEY___CC1 323721	36.34 0.38 0.00	31.52 0.32 0.00	28.53 0.31 0.00	27.59 0.29 0.00	27.99 0.30 0.00	33.23 0.29 0.00	47.96 0.55 0.00	46.04 0.85 0.00	44.28 0.93 0.00	28.65 0.81 11.38	24.59 0.79 13.56	33.91 0.84 3.90	36.79 0.88 2.52	41.52 1.16 0.00	46.83 1.32 0.00	46.99 1.28 0.00	49.26 1.33 0.00	106.84 3.60 0.00	85.53 2.94 0.00	54.43 1.26 0.00	56.00 0.67 0.00	54.96 0.54 0.00	51.28 0.62 0.00	43.08 0.69 0.00
CPV_VALLEY___CC2 323722	36.34 0.38 0.00	31.52 0.32 0.00	28.53 0.31 0.00	27.59 0.29 0.00	27.99 0.30 0.00	33.23 0.29 0.00	47.96 0.55 0.00	46.04 0.85 0.00	44.28 0.93 0.00	28.65 0.81 11.38	24.59 0.79 13.56	33.91 0.84 3.90	36.79 0.88 2.52	41.52 1.16 0.00	46.83 1.32 0.00	46.99 1.28 0.00	49.26 1.33 0.00	106.84 3.60 0.00	85.53 2.94 0.00	54.43 1.26 0.00	56.00 0.67 0.00	54.96 0.54 0.00	51.28 0.62 0.00	43.08 0.69 0.00
CRESCENT___HYD 24018	36.85 0.91 0.00	32.10 0.89 0.00	29.03 0.82 0.00	28.09 0.79 0.00	28.50 0.81 0.00	33.91 0.97 0.00	48.88 1.47 0.00	46.56 1.36 0.00	44.55 1.20 0.00	40.22 1.00 0.00	38.17 0.81 0.00	37.62 0.65 0.00	39.09 0.66 0.00	40.99 0.63 0.00	46.05 0.55 0.00	46.43 0.72 0.00	48.87 0.93 0.00	106.25 3.01 0.00	85.24 2.64 0.00	54.76 1.59 0.00	56.87 1.54 0.00	56.06 1.64 0.00	52.26 1.61 0.00	43.53 1.15 0.00
CRICKET___VALLEY_CC1 323756	36.49 0.54 0.00	31.66 0.45 0.00	28.66 0.45 0.00	27.71 0.41 0.00	28.11 0.42 0.00	33.40 0.47 0.00	48.26 0.85 0.00	46.35 1.16 0.00	44.53 1.18 0.00	48.40 1.01 -8.17	48.13 1.00 -9.77	40.74 0.96 -2.81	41.25 1.01 -1.81	41.59 1.24 0.00	46.88 1.38 0.00	47.01 1.30 0.00	49.36 1.43 0.00	107.24 4.00 0.00	85.87 3.27 0.00	54.72 1.55 0.00	56.29 0.96 0.00	55.29 0.88 0.00	51.61 0.96 0.00	43.29 0.91 0.00
CRICKET___VALLEY_CC2 323757	36.49 0.54 0.00	31.66 0.45 0.00	28.66 0.45 0.00	27.71 0.41 0.00	28.11 0.42 0.00	33.40 0.47 0.00	48.26 0.85 0.00	46.35 1.16 0.00	44.53 1.18 0.00	48.40 1.01 -8.17	48.13 1.00 -9.77	40.74 0.96 -2.81	41.25 1.01 -1.81	41.59 1.24 0.00	46.88 1.38 0.00	47.01 1.30 0.00	49.36 1.43 0.00	107.24 4.00 0.00	85.87 3.27 0.00	54.72 1.55 0.00	56.29 0.96 0.00	55.29 0.88 0.00	51.61 0.96 0.00	43.29 0.91 0.00
CRICKET___VALLEY_CC3 323758	36.49 0.54 0.00	31.66 0.45 0.00	28.66 0.45 0.00	27.71 0.41 0.00	28.11 0.42 0.00	33.40 0.47 0.00	48.26 0.85 0.00	46.35 1.16 0.00	44.53 1.18 0.00	48.40 1.01 -8.17	48.13 1.00 -9.77	40.74 0.96 -2.81	41.25 1.01 -1.81	41.59 1.24 0.00	46.88 1.38 0.00	47.01 1.30 0.00	49.36 1.43 0.00	107.24 4.00 0.00	85.87 3.27 0.00	54.72 1.55 0.00	56.29 0.96 0.00	55.29 0.88 0.00	51.61 0.96 0.00	43.29 0.91 0.00
CRUCIBLE_METL_DRP 24180	35.61 -0.34 0.00	30.84 -0.36 0.00	27.90 -0.31 0.00	27.01 -0.30 0.00	27.39 -0.30 0.00	32.67 -0.27 0.00	47.16 -0.25 0.00	44.93 -0.26 0.00	43.61 0.26 0.00	39.23 0.02 0.00	37.35 -0.01 0.00	37.04 0.08 0.00	38.62 0.19 0.00	40.68 0.32 0.00	45.92 0.42 0.00	46.28 0.56 0.00	48.82 0.89 0.00	105.76 2.52 0.00	85.14 2.55 0.00	54.06 0.89 0.00	55.60 0.27 0.00	54.57 0.15 0.00	50.57 -0.08 0.00	42.31 -0.07 0.00
DAHOWA___HYDRO 323763	37.39 1.44 0.00	32.52 1.31 0.00	29.41 1.20 0.00	28.44 1.15 0.00	28.88 1.19 0.00	34.42 1.49 0.00	49.71 2.31 0.00	47.29 2.09 0.00	45.09 1.74 0.00	40.44 1.22 0.00	38.23 0.86 0.00	37.59 0.62 0.00	39.03 0.60 0.00	41.00 0.64 0.00	46.15 0.65 0.00	46.77 1.05 0.00	49.50 1.57 0.00	108.15 4.91 0.00	87.18 4.58 0.00	56.13 2.96 0.00	58.17 2.84 0.00	57.25 2.83 0.00	53.29 2.64 0.00	44.25 1.87 0.00
DANC___LFGE 323619	36.03 0.09 0.00	31.30 0.10 0.00	28.18 -0.03 0.00	27.28 -0.02 0.00	27.63 -0.06 0.00	32.86 -0.07 0.00	47.43 0.03 0.00	45.18 -0.01 0.00	43.34 -0.01 0.00	39.17 -0.05 0.00	37.22 -0.14 0.00	36.83 -0.14 0.00	38.30 -0.13 0.00	40.33 -0.02 0.00	45.31 -0.19 0.00	45.67 -0.05 0.00	47.90 -0.04 0.00	103.81 0.57 0.00	84.70 2.10 0.00	54.82 1.66 0.00	56.92 1.59 0.00	55.87 1.45 0.00	51.78 1.13 0.00	43.11 0.73 0.00
DANSKAMMER___1 23586	37.04 1.09 0.00	32.10 0.90 0.00	29.05 0.84 0.00	28.10 0.79 0.00	28.50 0.81 0.00	33.87 0.93 0.00	48.94 1.53 0.00	47.03 1.83 0.00	45.21 1.86 0.00	40.86 1.64 0.00	38.95 1.59 0.00	38.56 1.59 0.00	40.11 1.68 0.00	42.39 2.04 0.00	47.87 2.37 0.00	48.07 2.36 0.00	50.45 2.52 0.00	109.53 6.29 0.00	87.68 5.09 0.00	55.80 2.63 0.00	57.35 2.03 0.00	56.22 1.81 0.00	52.42 1.77 0.00	44.00 1.62 0.00
DANSKAMMER___2 23589	37.04 1.09 0.00	32.10 0.90 0.00	29.05 0.84 0.00	28.10 0.79 0.00	28.50 0.81 0.00	33.87 0.93 0.00	48.94 1.53 0.00	47.03 1.83 0.00	45.21 1.86 0.00	40.86 1.64 0.00	38.95 1.59 0.00	38.56 1.59 0.00	40.11 1.68 0.00	42.39 2.04 0.00	47.87 2.37 0.00	48.07 2.36 0.00	50.45 2.52 0.00	109.53 6.29 0.00	87.68 5.09 0.00	55.80 2.63 0.00	57.35 2.03 0.00	56.22 1.81 0.00	52.42 1.77 0.00	44.00 1.62 0.00
DANSKAMMER___3 23590	37.04 1.09 0.00	32.10 0.90 0.00	29.05 0.84 0.00	28.10 0.79 0.00	28.50 0.81 0.00	33.87 0.93 0.00	48.94 1.53 0.00	47.03 1.83 0.00	45.21 1.86 0.00	40.86 1.64 0.00	38.95 1.59 0.00	38.56 1.59 0.00	40.11 1.68 0.00	42.39 2.04 0.00	47.87 2.37 0.00	48.07 2.36 0.00	50.45 2.52 0.00	109.53 6.29 0.00	87.68 5.09 0.00	55.80 2.63 0.00	57.35 2.03 0.00	56.22 1.81 0.00	52.42 1.77 0.00	44.00 1.62 0.00

DANSKAMMER___4 23591	37.04 1.09 0.00	32.10 0.90 0.00	29.05 0.84 0.00	28.10 0.79 0.00	28.50 0.81 0.00	33.87 0.93 0.00	48.94 1.53 0.00	47.03 1.83 0.00	45.21 1.86 0.00	40.86 1.64 0.00	38.95 1.59 0.00	38.56 1.59 0.00	40.11 1.68 0.00	42.39 2.04 0.00	47.87 2.37 0.00	48.07 2.36 0.00	50.45 2.52 0.00	109.53 6.29 0.00	87.68 5.09 0.00	55.80 2.63 0.00	57.35 2.03 0.00	56.22 1.81 0.00	52.42 1.77 0.00	44.00 1.62 0.00
DANSKAMMER___DIESEL 23592	37.04 1.09 0.00	32.10 0.90 0.00	29.05 0.84 0.00	28.10 0.79 0.00	28.50 0.81 0.00	33.87 0.93 0.00	48.94 1.53 0.00	47.02 1.83 0.00	45.21 1.86 0.00	40.86 1.64 0.00	38.96 1.59 0.00	38.56 1.59 0.00	40.11 1.68 0.00	42.39 2.04 0.00	47.87 2.37 0.00	48.07 2.36 0.00	50.45 2.52 0.00	109.53 6.29 0.00	87.69 5.09 0.00	55.81 2.64 0.00	57.35 2.03 0.00	56.22 1.81 0.00	52.42 1.78 0.00	44.00 1.62 0.00
DARBY___SOLAR 323810	37.22 1.27 0.00	32.38 1.18 0.00	29.29 1.08 0.00	28.34 1.04 0.00	28.76 1.07 0.00	34.27 1.33 0.00	49.45 2.04 0.00	47.03 1.83 0.00	44.86 1.52 0.00	40.30 1.08 0.00	38.11 0.75 0.00	37.50 0.54 0.00	38.95 0.52 0.00	40.91 0.56 0.00	46.05 0.55 0.00	46.62 0.90 0.00	49.28 1.35 0.00	107.54 4.30 0.00	86.59 3.99 0.00	55.72 2.55 0.00	57.77 2.44 0.00	56.88 2.46 0.00	52.97 2.32 0.00	44.04 1.66 0.00
DASHVILLE___HYD 23610	36.62 0.67 0.00	31.75 0.55 0.00	28.75 0.53 0.00	27.81 0.50 0.00	28.20 0.51 0.00	33.46 0.53 0.00	48.38 0.97 0.00	46.48 1.28 0.00	44.72 1.37 0.00	40.55 1.33 0.00	38.78 1.42 0.00	38.19 1.22 0.00	39.71 1.28 0.00	41.95 1.60 0.00	47.30 1.80 0.00	47.51 1.80 0.00	49.79 1.85 0.00	108.11 4.87 0.00	86.45 3.85 0.00	55.05 1.88 0.00	56.65 1.32 0.00	55.57 1.15 0.00	51.83 1.18 0.00	43.50 1.12 0.00
DELAWARE___LFGE 323621	36.45 0.51 0.00	31.64 0.44 0.00	28.66 0.45 0.00	27.73 0.42 0.00	28.13 0.44 0.00	33.38 0.45 0.00	48.22 0.81 0.00	46.08 0.88 0.00	44.22 0.87 0.00	39.89 0.67 0.00	37.98 0.62 0.00	37.58 0.62 0.00	39.07 0.64 0.00	41.19 0.83 0.00	46.45 0.95 0.00	46.71 0.99 0.00	48.95 1.02 0.00	106.10 2.86 0.00	85.07 2.47 0.00	54.51 1.35 0.00	56.33 1.00 0.00	55.39 0.98 0.00	51.53 0.88 0.00	43.13 0.75 0.00
DERFIELD_115KV_TB7 355931	35.99 0.04 0.00	31.25 0.05 0.00	28.27 0.06 0.00	27.36 0.05 0.00	27.75 0.06 0.00	33.00 0.07 0.00	47.50 0.09 0.00	45.28 0.03 0.00	39.20 -0.02 0.00	37.32 -0.05 0.00	36.91 -0.06 0.00	38.37 -0.06 0.00	40.33 -0.02 0.00	45.50 0.00 0.00	45.75 0.04 0.00	48.03 0.09 0.00	103.66 0.42 0.00	83.01 0.41 0.00	53.39 0.22 0.00	55.46 0.13 0.00	54.55 0.13 0.00	50.77 0.12 0.00	42.47 0.09 0.00	
DOGLEVILLE___HYD 23807	36.58 0.63 0.00	31.82 0.61 0.00	28.82 0.61 0.00	27.83 0.53 0.00	28.26 0.57 0.00	33.69 0.76 0.00	48.65 1.25 0.00	46.17 0.97 0.00	43.32 -0.02 0.00	38.69 -0.53 0.00	36.61 -0.75 0.00	35.91 -1.06 0.00	37.47 -0.96 0.00	39.37 -0.98 0.00	44.42 -1.08 0.00	45.20 -0.51 0.00	47.87 -0.07 0.00	105.33 2.09 0.00	85.15 2.55 0.00	54.69 1.52 0.00	56.80 1.47 0.00	56.14 1.72 0.00	52.15 1.50 0.00	43.35 0.97 0.00
DUNKIRK___115KV_TB_200 55889	35.39 -0.56 0.00	30.41 -0.80 0.00	27.52 -0.69 0.00	26.61 -0.69 0.00	26.98 -0.72 0.00	32.32 -0.61 0.00	46.53 -0.88 0.00	44.48 -0.71 0.00	42.88 -0.47 0.00	39.13 -0.09 0.00	37.38 0.02 0.00	37.17 0.21 0.00	38.67 0.24 0.00	40.87 0.52 0.00	46.41 0.90 0.00	46.47 0.75 0.00	48.41 0.48 0.00	104.21 0.97 0.00	83.92 1.33 0.00	53.59 0.42 0.00	54.93 -0.40 0.00	53.44 -0.98 0.00	49.04 -1.60 0.00	40.80 -1.57 0.00
DUNKIRK___1 23563	35.39 -0.56 0.00	30.41 -0.80 0.00	27.52 -0.69 0.00	26.61 -0.69 0.00	26.98 -0.72 0.00	32.32 -0.61 0.00	46.53 -0.88 0.00	44.48 -0.71 0.00	42.88 -0.47 0.00	39.13 -0.09 0.00	37.38 0.02 0.00	37.17 0.21 0.00	38.67 0.24 0.00	40.87 0.52 0.00	46.41 0.90 0.00	46.47 0.75 0.00	48.41 0.48 0.00	104.21 0.97 0.00	83.92 1.33 0.00	53.59 0.42 0.00	54.93 -0.40 0.00	53.44 -0.98 0.00	49.04 -1.60 0.00	40.80 -1.57 0.00
DUNKIRK___2 23564	35.39 -0.56 0.00	30.41 -0.80 0.00	27.52 -0.69 0.00	26.61 -0.69 0.00	26.98 -0.72 0.00	32.32 -0.61 0.00	46.53 -0.88 0.00	44.48 -0.71 0.00	42.88 -0.47 0.00	39.13 -0.09 0.00	37.38 0.02 0.00	37.17 0.21 0.00	38.67 0.24 0.00	40.87 0.52 0.00	46.41 0.90 0.00	46.47 0.75 0.00	48.41 0.48 0.00	104.21 0.97 0.00	83.92 1.33 0.00	53.59 0.42 0.00	54.93 -0.40 0.00	53.44 -0.98 0.00	49.04 -1.60 0.00	40.80 -1.57 0.00
DUNKIRK___3 23565	35.26 -0.69 0.00	30.30 -0.91 0.00	27.42 -0.79 0.00	26.52 -0.78 0.00	26.88 -0.81 0.00	32.21 -0.72 0.00	46.35 -1.06 0.00	44.23 -0.96 0.00	42.68 -0.67 0.00	38.98 -0.23 0.00	37.22 -0.14 0.00	37.03 0.06 0.00	38.52 0.09 0.00	40.70 0.35 0.00	46.21 0.71 0.00	46.25 0.53 0.00	48.20 0.27 0.00	103.52 0.28 0.00	83.34 0.74 0.00	53.26 0.09 0.00	54.62 -0.71 0.00	53.19 -1.23 0.00	48.93 -1.72 0.00	40.80 -1.58 0.00
DUNKIRK___4 23566	35.26 -0.69 0.00	30.30 -0.91 0.00	27.42 -0.79 0.00	26.52 -0.78 0.00	26.88 -0.81 0.00	32.21 -0.72 0.00	46.35 -1.06 0.00	44.23 -0.96 0.00	42.68 -0.67 0.00	38.98 -0.23 0.00	37.22 -0.14 0.00	37.03 0.06 0.00	38.52 0.09 0.00	40.70 0.35 0.00	46.21 0.71 0.00	46.25 0.53 0.00	48.20 0.27 0.00	103.52 0.28 0.00	83.34 0.74 0.00	53.26 0.09 0.00	54.62 -0.71 0.00	53.19 -1.23 0.00	48.93 -1.72 0.00	40.80 -1.58 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.94 0.99 0.00	32.03 0.83 0.00	29.00 0.78 0.00	28.02 0.72 0.00	28.43 0.73 0.00	33.74 0.81 0.00	48.75 1.34 0.00	46.93 1.74 0.00	45.21 1.86 0.00	59.15 1.67 -18.26	60.81 1.63 -21.82	44.96 1.72 -6.28	44.27 1.78 -4.05	42.53 2.17 0.00	47.93 2.43 0.00	47.98 2.27 0.00	50.22 2.28 0.00	108.88 5.64 0.00	86.98 4.38 0.00	55.26 2.10 0.00	56.75 1.42 0.00	55.65 1.24 0.00	52.04 1.39 0.00	43.87 1.49 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.77 0.83 0.00	31.87 0.67 0.00	28.85 0.64 0.00	27.90 0.59 0.00	28.30 0.61 0.00	33.61 0.68 0.00	48.57 1.16 0.00	46.66 1.46 0.00	44.86 1.52 0.00	35.11 1.32 5.43	32.27 1.28 6.38	36.44 1.30 1.83	38.61 1.36 1.18	42.06 1.70 0.00	47.49 1.98 0.00	47.66 1.95 0.00	49.99 2.05 0.00	108.54 5.30 0.00	86.95 4.35 0.00	55.33 2.16 0.00	56.86 1.53 0.00	55.75 1.34 0.00	51.99 1.34 0.00	43.67 1.29 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	37.00 1.06 0.00	32.06 0.86 0.00	29.07 0.85 0.00	28.11 0.81 0.00	28.39 0.70 0.00	33.81 0.87 0.00	48.84 1.43 0.00	47.06 1.86 0.00	45.41 2.07 0.00	59.32 1.77 -18.33	60.99 1.73 -21.90	47.38 1.83 -8.59	48.26 1.78 -8.05	49.33 2.19 -6.79	48.06 2.56 0.00	48.04 2.33 0.00	50.20 2.27 0.00	108.77 5.53 0.00	86.99 4.39 0.00	55.18 2.02 0.00	56.66 1.33 0.00	55.59 1.17 -0.01	52.08 1.43 0.00	43.98 1.60 0.00

E179THST_13_KV_LOAD 356214	37.19 1.25 0.00	32.22 1.01 0.00	29.20 0.99 0.00	28.24 0.94 0.00	28.51 0.82 0.00	33.96 1.02 0.00	49.08 1.67 0.00	47.29 2.09 0.00	45.65 2.31 0.00	59.55 2.00 -18.33	61.20 1.94 -21.90	47.60 2.05 -8.59	48.49 2.01 -8.05	49.59 2.44 -6.79	48.35 2.84 0.00	48.33 2.62 0.00	50.50 2.57 0.00	109.39 6.16 0.00	87.50 4.90 0.00	55.51 2.34 0.00	57.00 1.67 0.00	55.92 1.50 -0.01	52.37 1.72 0.00	44.22 1.84 0.00
EAST HAMPTON___GT 23717	37.61 1.66 0.00	33.11 1.90 0.00	30.23 2.01 0.00	29.04 1.74 0.00	30.10 2.41 0.00	35.59 2.65 0.00	50.87 3.46 0.00	49.46 4.26 0.00	47.92 4.57 0.00	60.63 3.29 -18.13	61.73 2.71 -21.65	45.89 2.69 -6.23	45.38 2.93 -4.02	43.95 3.60 0.00	49.95 4.45 0.00	49.81 4.10 0.00	51.96 4.02 0.00	111.98 8.74 0.00	88.45 5.85 0.00	56.20 3.03 0.00	57.81 2.48 0.00	57.08 2.67 0.00	53.33 2.68 0.00	45.05 2.67 0.00
EAST RIVER___6 23660	37.09 1.15 0.00	32.13 0.93 0.00	29.09 0.88 0.00	28.13 0.82 0.00	28.51 0.82 0.00	33.85 0.91 0.00	48.94 1.53 0.00	47.23 2.04 0.00	45.61 2.26 0.00	59.63 2.07 -18.33	61.28 2.01 -21.90	47.75 2.16 -8.62	48.79 2.25 -8.12	49.91 2.66 -6.89	48.42 2.91 0.00	48.39 2.67 0.00	50.59 2.66 0.00	109.58 6.34 0.00	87.53 4.94 0.00	55.50 2.33 0.00	56.92 1.59 0.00	55.79 1.38 0.00	52.27 1.62 0.00	44.12 1.74 0.00
EAST RIVER___7 23524	37.09 1.15 0.00	32.13 0.93 0.00	29.09 0.88 0.00	28.13 0.82 0.00	28.51 0.82 0.00	33.85 0.91 0.00	48.94 1.53 0.00	47.23 2.04 0.00	45.61 2.26 0.00	59.63 2.07 -18.33	61.28 2.01 -21.90	47.75 2.16 -8.62	48.79 2.25 -8.12	49.91 2.66 -6.89	48.42 2.91 0.00	48.39 2.67 0.00	50.59 2.66 0.00	109.58 6.34 0.00	87.53 4.94 0.00	55.50 2.33 0.00	56.92 1.59 0.00	55.79 1.38 0.00	52.27 1.62 0.00	44.12 1.74 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.87 0.92 0.00	31.96 0.76 0.00	28.94 0.72 0.00	27.97 0.67 0.00	28.38 0.69 0.00	33.69 0.75 0.00	48.67 1.27 0.00	46.84 1.64 0.00	45.12 1.77 0.00	60.28 1.58 -19.47	62.15 1.53 -23.26	45.27 1.61 -6.69	44.43 1.67 -4.32	42.41 2.05 0.00	47.81 2.30 0.00	47.88 2.17 0.00	50.13 2.20 0.00	108.70 5.46 0.00	86.90 4.30 0.00	55.21 2.05 0.00	56.70 1.37 0.00	55.60 1.19 0.00	51.96 1.31 0.00	43.78 1.40 0.00
EAST_HAMPTON___DIESEL 23722	37.60 1.65 0.00	33.10 1.90 0.00	30.23 2.01 0.00	29.04 1.74 0.00	30.10 2.41 0.00	35.59 2.66 0.00	50.87 3.47 0.00	49.47 4.28 0.00	47.93 4.59 0.00	60.64 3.30 -18.13	61.73 2.71 -21.65	45.89 2.70 -6.23	45.39 2.93 -4.02	43.95 3.60 0.00	49.95 4.45 0.00	49.81 4.09 0.00	51.96 4.03 0.00	111.98 8.74 0.00	88.43 5.84 0.00	56.18 3.01 0.00	57.79 2.47 0.00	57.06 2.65 0.00	53.31 2.66 0.00	45.05 2.67 0.00
EAST_POINT___SOLAR 323840	37.67 1.73 0.00	32.62 1.42 0.00	29.41 1.20 0.00	28.47 1.17 0.00	28.87 1.18 0.00	34.37 1.43 0.00	49.88 2.47 0.00	46.78 1.59 0.00	43.19 -0.16 0.00	38.61 -0.62 0.00	36.84 -0.52 0.00	36.34 -0.63 0.00	37.77 -0.66 0.00	39.77 -0.58 0.00	45.12 -0.38 0.00	45.73 0.01 0.00	48.68 0.75 0.00	106.62 3.38 0.00	87.74 5.15 0.00	56.68 3.51 0.00	58.74 3.41 0.00	57.64 3.23 0.00	53.45 2.80 0.00	44.59 2.21 0.00
EAST_PULASKI___ESR 323781	35.60 -0.35 0.00	30.87 -0.33 0.00	27.88 -0.34 0.00	26.97 -0.33 0.00	27.33 -0.36 0.00	32.54 -0.39 0.00	46.90 -0.51 0.00	44.61 -0.59 0.00	42.70 -0.64 0.00	38.54 -0.68 0.00	36.66 -0.70 0.00	36.30 -0.68 0.00	37.78 -0.65 0.00	39.76 -0.60 0.00	44.78 -0.72 0.00	45.05 -0.66 0.00	47.27 -0.67 0.00	102.30 -0.94 0.00	82.82 0.22 0.00	53.38 0.22 0.00	55.34 0.01 0.00	54.37 -0.04 0.00	50.42 -0.22 0.00	42.10 -0.28 0.00
EAST_RIVER___1 323558	37.10 1.15 0.00	32.13 0.93 0.00	29.09 0.88 0.00	28.14 0.84 0.00	28.52 0.83 0.00	33.85 0.91 0.00	48.94 1.53 0.00	47.19 2.00 0.00	45.55 2.20 0.00	59.55 2.00 -18.33	61.20 1.94 -21.90	47.66 2.07 -8.62	48.70 2.15 -8.12	49.80 2.55 -6.89	48.30 2.79 0.00	48.25 2.54 0.00	50.45 2.52 0.00	109.34 6.10 0.00	87.33 4.73 0.00	55.39 2.22 0.00	56.83 1.50 0.00	55.69 1.28 0.00	52.21 1.56 0.00	44.09 1.71 0.00
EAST_RIVER___2 323559	37.09 1.15 0.00	32.13 0.93 0.00	29.09 0.88 0.00	28.13 0.82 0.00	28.51 0.82 0.00	33.85 0.91 0.00	48.94 1.53 0.00	47.23 2.04 0.00	45.61 2.26 0.00	59.63 2.07 -18.33	61.28 2.01 -21.90	47.75 2.16 -8.62	48.79 2.25 -8.12	49.91 2.66 -6.89	48.42 2.91 0.00	48.39 2.67 0.00	50.59 2.66 0.00	109.58 6.34 0.00	87.53 4.94 0.00	55.50 2.33 0.00	56.92 1.59 0.00	55.79 1.38 0.00	52.27 1.62 0.00	44.12 1.74 0.00
EAST___DELAWARE_HYD 23607	36.19 0.24 0.00	31.36 0.16 0.00	28.38 0.16 0.00	27.43 0.14 0.00	27.84 0.15 0.00	33.09 0.16 0.00	47.85 0.44 0.00	45.99 0.80 0.00	44.18 0.84 0.00	36.05 0.71 3.88	33.55 0.66 4.47	36.30 0.62 1.28	38.25 0.65 0.83	41.31 0.95 0.00	46.68 1.18 0.00	46.93 1.21 0.00	49.32 1.38 0.00	107.18 3.94 0.00	85.94 3.34 0.00	54.62 1.46 0.00	56.18 0.85 0.00	55.05 0.64 0.00	51.27 0.62 0.00	42.98 0.60 0.00
EIGHT_POINT___WT_PWR 323820	36.01 0.06 0.00	30.99 -0.21 0.00	28.08 -0.13 0.00	27.13 -0.17 0.00	27.55 -0.14 0.00	33.00 0.07 0.00	47.53 0.12 0.00	45.13 -0.07 0.00	42.90 -0.45 0.00	38.63 -0.60 0.00	36.68 -0.68 0.00	36.40 -0.56 0.00	37.89 -0.54 0.00	40.19 -0.17 0.00	45.62 0.11 0.00	45.94 0.23 0.00	48.02 0.09 0.00	104.28 1.04 0.00	84.95 2.35 0.00	54.44 1.28 0.00	55.52 0.19 0.00	53.88 -0.53 0.00	49.49 -1.16 0.00	41.13 -1.25 0.00
ELBRIDGE_115KV_TB2 80188	35.44 -0.51 0.00	30.69 -0.51 0.00	27.77 -0.45 0.00	26.90 -0.40 0.00	27.26 -0.43 0.00	32.53 -0.41 0.00	46.86 -0.55 0.00	44.70 -0.50 0.00	43.70 0.35 0.00	39.24 0.02 0.00	37.38 0.02 0.00	37.10 0.13 0.00	38.67 0.24 0.00	40.74 0.38 0.00	45.98 0.47 0.00	46.32 0.60 0.00	48.91 0.98 0.00	105.97 2.73 0.00	85.31 2.71 0.00	53.92 0.75 0.00	55.32 -0.01 0.00	54.32 -0.10 0.00	50.32 -0.32 0.00	42.11 -0.27 0.00
ELEC_TRO_TEK 24086	37.03 1.08 0.00	32.18 0.98 0.00	29.15 0.94 0.00	28.14 0.84 0.00	28.68 0.99 0.00	33.94 1.00 0.00	48.92 1.52 0.00	47.17 1.98 0.00	45.45 2.11 0.00	59.05 1.70 -18.13	60.71 1.70 -21.65	44.90 1.70 -6.23	44.26 1.80 -4.02	42.69 2.33 0.00	48.21 2.71 0.00	48.16 2.44 0.00	50.42 2.48 0.00	108.78 5.54 0.00	86.53 3.93 0.00	55.29 2.13 0.00	56.91 1.58 0.00	55.90 1.48 0.00	52.17 1.52 0.00	44.05 1.67 0.00
ELLENBURG_WT_PWR 323604	36.02 0.07 0.00	31.27 0.07 0.00	28.24 0.03 0.00	27.32 0.02 0.00	27.74 0.05 0.00	33.07 0.13 0.00	47.67 0.27 0.00	45.42 0.23 0.00	43.67 0.33 0.00	39.65 0.43 0.00	37.83 0.47 0.00	37.40 0.44 0.00	38.84 0.41 0.00	40.53 0.18 0.00	45.60 0.10 0.00	45.68 -0.04 0.00	47.84 -0.09 0.00	102.66 -0.58 0.00	82.16 -0.44 0.00	53.19 0.02 0.00	55.65 0.33 0.00	54.73 0.31 0.00	51.00 0.36 0.00	42.55 0.17 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.08 -0.87 0.00	30.11 -1.09 0.00	27.22 -0.99 0.00	26.37 -0.93 0.00	26.68 -1.01 0.00	32.02 -0.92 0.00	45.99 -1.42 0.00	43.76 -1.44 0.00	42.33 -1.02 0.00	38.79 -0.44 0.00	37.02 -0.34 0.00	36.86 -0.11 0.00	38.39 -0.04 0.00	40.51 0.16 0.00	45.99 0.48 0.00	45.92 0.20 0.00	47.92 -0.01 0.00	102.00 -1.24 0.00	82.01 -0.59 0.00	52.63 -0.54 0.00	54.09 -1.24 0.00	52.74 -1.68 0.00	48.68 -1.97 0.00	40.72 -1.66 0.00
EMPIRE_CC_1 323656	36.54 0.59 0.00	31.85 0.65 0.00	28.81 0.60 0.00	27.88 0.58 0.00	28.29 0.59 0.00	33.62 0.68 0.00	48.36 0.95 0.00	46.07 0.88 0.00	44.17 0.82 0.00	42.91 0.71 -2.98	41.52 0.60 -3.57	38.49 0.50 -1.03	39.59 0.50 -0.66	40.73 0.37 0.00	45.72 0.21 0.00	46.03 0.31 0.00	48.32 0.39 0.00	104.88 1.64 0.00	84.07 1.47 0.00	53.97 0.80 0.00	56.06 0.73 0.00	55.29 0.88 0.00	51.61 0.96 0.00	43.09 0.71 0.00
EMPIRE_CC_2 323658	36.54 0.59 0.00	31.85 0.65 0.00	28.81 0.60 0.00	27.88 0.58 0.00	28.29 0.59 0.00	33.62 0.68 0.00	48.36 0.95 0.00	46.07 0.88 0.00	44.17 0.82 0.00	42.91 0.71 -2.98	41.52 0.60 -3.57	38.49 0.50 -1.03	39.59 0.50 -0.66	40.73 0.37 0.00	45.72 0.21 0.00	46.03 0.31 0.00	48.32 0.39 0.00	104.88 1.64 0.00	84.07 1.47 0.00	53.97 0.80 0.00	56.06 0.73 0.00	55.29 0.88 0.00	51.61 0.96 0.00	43.09 0.71 0.00
ENORWICH_115KV_TB1 80156	37.89 1.94 0.00	32.72 1.52 0.00	29.61 1.39 0.00	28.63 1.33 0.00	29.08 1.39 0.00	34.73 1.80 0.00	50.40 2.99 0.00	48.00 2.80 0.00	45.64 2.29 0.00	40.56 1.34 0.00	38.16 0.80 0.00	37.63 0.67 0.00	39.12 0.69 0.00	41.59 1.24 0.00	47.06 1.56 0.00	47.40 1.68 0.00	50.03 2.10 0.00	110.29 7.05 0.00	89.93 7.34 0.00	58.22 5.05 0.00	59.90 4.57 0.00	58.51 4.09 0.00	53.96 3.31 0.00	44.88 2.50 0.00
ERIE_ST_34_KV_TB1-2 80199	35.38 -0.57 0.00	30.34 -0.86 0.00	27.42 -0.80 0.00	26.55 -0.75 0.00	26.87 -0.82 0.00	32.25 -0.68 0.00	46.38 -1.03 0.00	44.14 -1.05 0.00	42.73 -0.62 0.00	39.18 -0.04 0.00	37.41 0.04 0.00	37.24 0.27 0.00	38.84 0.41 0.00	40.96 0.61 0.00	46.61 1.10 0.00	46.64 0.93 0.00	48.74 0.81 0.00	103.73 0.49 0.00	83.25 0.65 0.00	53.53 0.36 0.00	55.00 -0.33 0.00	53.61 -0.80 0.00	49.36 -1.29 0.00	41.20 -1.18 0.00
ERIE_WT_PWR 323693	35.23 -0.71 0.00	30.24 -0.96 0.00	27.34 -0.88 0.00	26.48 -0.83 0.00	26.77 -0.92 0.00	32.15 -0.78 0.00	46.20 -1.20 0.00	43.96 -1.23 0.00	42.52 -0.82 0.00	38.98 -0.24 0.00	37.18 -0.18 0.00	37.02 0.06 0.00	38.56 0.13 0.00	40.69 0.34 0.00	46.25 0.75 0.00	46.22 0.50 0.00	48.24 0.30 0.00	102.82 -0.42 0.00	82.62 0.03 0.00	53.07 -0.10 0.00	54.54 -0.79 0.00	53.12 -1.30 0.00	48.96 -1.69 0.00	40.93 -1.45 0.00
ESPRGFLD_115KV_TB1 80157	36.88 0.93 0.00	32.00 0.79 0.00	28.97 0.76 0.00	28.02 0.72 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.90 1.49 0.00	46.74 1.55 0.00	44.81 1.46 0.00	40.36 1.14 0.00	38.40 1.04 0.00	38.01 1.04 0.00	39.50 1.07 0.00	41.70 1.35 0.00	47.08 1.58 0.00	47.34 1.63 0.00	49.65 1.72 0.00	107.99 4.75 0.00	86.80 4.21 0.00	55.64 2.47 0.00	57.45 2.12 0.00	56.38 1.96 0.00	52.32 1.68 0.00	43.70 1.32 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.17 0.22 0.00	31.29 0.09 0.00	28.33 0.12 0.00	27.42 0.12 0.00	27.82 0.13 0.00	33.16 0.23 0.00	47.88 0.47 0.00	45.66 0.47 0.00	43.78 0.43 0.00	39.23 0.01 0.00	37.20 -0.17 0.00	36.83 -0.13 0.00	38.33 -0.10 0.00	40.43 0.07 0.00	45.70 0.19 0.00	45.97 0.26 0.00	48.42 0.49 0.00	105.31 2.07 0.00	85.21 2.61 0.00	54.78 1.61 0.00	56.45 1.12 0.00	55.36 0.94 0.00	51.28 0.63 0.00	42.85 0.47 0.00
ETNA____115KV_TB2 80207	36.17 0.22 0.00	31.29 0.09 0.00	28.33 0.12 0.00	27.42 0.12 0.00	27.82 0.13 0.00	33.16 0.23 0.00	47.88 0.47 0.00	45.66 0.47 0.00	43.78 0.43 0.00	39.23 0.01 0.00	37.20 -0.17 0.00	36.83 -0.13 0.00	38.33 -0.10 0.00	40.43 0.07 0.00	45.70 0.19 0.00	45.97 0.26 0.00	48.42 0.49 0.00	105.31 2.07 0.00	85.21 2.61 0.00	54.78 1.61 0.00	56.45 1.12 0.00	55.36 0.94 0.00	51.28 0.63 0.00	42.85 0.47 0.00
EUCLID____115KV_TB2 356179	35.30 -0.65 0.00	30.59 -0.61 0.00	27.65 -0.56 0.00	26.77 -0.54 0.00	27.14 -0.55 0.00	32.37 -0.57 0.00	46.89 -0.52 0.00	44.61 -0.58 0.00	42.93 -0.41 0.00	38.75 -0.47 0.00	36.89 -0.47 0.00	36.60 -0.37 0.00	38.11 -0.33 0.00	40.14 -0.21 0.00	45.34 -0.17 0.00	45.67 -0.05 0.00	47.99 0.06 0.00	103.81 0.57 0.00	83.44 0.85 0.00	53.41 0.24 0.00	55.17 -0.16 0.00	54.11 -0.31 0.00	50.19 -0.46 0.00	41.98 -0.40 0.00
EXCELSIOR____SOLAR 323857	34.96 -0.99 0.00	30.10 -1.10 0.00	27.21 -1.01 0.00	26.36 -0.94 0.00	26.68 -1.01 0.00	31.94 -0.99 0.00	45.91 -1.49 0.00	43.66 -1.54 0.00	42.14 -1.21 0.00	38.43 -0.79 0.00	36.66 -0.70 0.00	36.45 -0.51 0.00	37.95 -0.48 0.00	40.01 -0.35 0.00	45.37 -0.14 0.00	45.36 -0.35 0.00	47.48 -0.45 0.00	101.37 -1.87 0.00	81.56 -1.04 0.00	52.39 -0.78 0.00	53.98 -1.35 0.00	52.73 -1.69 0.00	48.81 -1.84 0.00	40.84 -1.54 0.00
E_CANADA_CAP_HY 24051	37.40 1.45 0.00	32.37 1.17 0.00	29.17 0.96 0.00	28.25 0.94 0.00	28.63 0.93 0.00	34.03 1.10 0.00	49.34 1.94 0.00	46.78 1.59 0.00	44.25 0.90 0.00	39.74 0.52 0.00	38.04 0.68 0.00	37.60 0.63 0.00	39.09 0.66 0.00	41.16 0.80 0.00	46.64 1.14 0.00	46.88 1.17 0.00	49.35 1.41 0.00	107.17 3.93 0.00	86.78 4.18 0.00	55.88 2.71 0.00	57.88 2.55 0.00	56.91 2.50 0.00	52.84 2.19 0.00	44.15 1.77 0.00
E_CANADA_MHWK_HY 24050	36.58 0.63 0.00	31.82 0.62 0.00	28.82 0.61 0.00	27.82 0.53 0.00	28.26 0.57 0.00	33.69 0.76 0.00	48.65 1.25 0.00	46.16 0.97 0.00	43.32 -0.02 0.00	38.70 -0.53 0.00	36.62 -0.74 0.00	35.91 -1.06 0.00	37.47 -0.96 0.00	39.37 -0.98 0.00	44.42 -1.08 0.00	45.20 -0.51 0.00	47.87 -0.07 0.00	105.33 2.09 0.00	85.15 2.55 0.00	54.69 1.52 0.00	56.80 1.47 0.00	56.14 1.72 0.00	52.15 1.50 0.00	43.35 0.97 0.00
E_FISHKILL____LBMP 23776	36.68 0.73 0.00	31.80 0.60 0.00	28.80 0.58 0.00	27.86 0.56 0.00	28.26 0.57 0.00	33.56 0.63 0.00	48.47 1.06 0.00	46.58 1.38 0.00	44.80 1.45 0.00	47.10 1.28 -6.60	46.50 1.24 -7.89	40.51 1.28 -2.27	41.24 1.34 -1.47	42.00 1.65 0.00	47.35 1.84 0.00	47.43 1.72 0.00	49.71 1.77 0.00	107.83 4.59 0.00	86.23 3.63 0.00	54.88 1.72 0.00	56.44 1.12 0.00	55.41 0.99 0.00	51.75 1.10 0.00	43.51 1.13 0.00
FALCON____SEABRD_CC1 323796	36.36 0.40 0.00	31.57 0.36 0.00	28.53 0.31 0.00	27.59 0.28 0.00	28.02 0.32 0.00	33.42 0.48 0.00	48.23 0.83 0.00	45.88 0.68 0.00	44.12 0.78 0.00	40.07 0.84 0.00	38.20 0.84 0.00	37.77 0.80 0.00	39.21 0.78 0.00	40.89 0.53 0.00	46.01 0.50 0.00	46.12 0.41 0.00	48.37 0.44 0.00	103.91 0.67 0.00	83.27 0.68 0.00	53.89 0.73 0.00	56.28 0.95 0.00	55.31 0.90 0.00	51.56 0.91 0.00	42.95 0.57 0.00

FALCON___SEABRD_CC2 323797	36.36 0.40 0.00	31.57 0.36 0.00	28.53 0.31 0.00	27.59 0.28 0.00	28.02 0.32 0.00	33.42 0.48 0.00	48.23 0.83 0.00	45.88 0.68 0.00	44.12 0.78 0.00	40.07 0.84 0.00	38.20 0.84 0.00	37.77 0.80 0.00	39.21 0.78 0.00	40.89 0.53 0.00	46.01 0.50 0.00	46.12 0.41 0.00	48.37 0.44 0.00	103.91 0.67 0.00	83.27 0.68 0.00	53.89 0.73 0.00	56.28 0.95 0.00	55.31 0.90 0.00	51.56 0.91 0.00	42.95 0.57 0.00
FAR ROCKAWAY___4 23548	36.98 1.03 0.00	32.30 1.09 0.00	29.51 1.29 0.00	28.49 1.19 0.00	29.04 1.35 0.00	34.36 1.43 0.00	49.51 2.11 0.00	47.74 2.54 0.00	46.00 2.66 0.00	59.58 2.24 -18.13	61.25 2.23 -21.65	45.24 2.04 -6.23	44.77 2.32 -4.02	43.40 3.05 0.00	49.07 3.57 0.00	49.09 3.37 0.00	51.39 3.46 0.00	110.86 7.62 0.00	87.81 5.21 0.00	56.23 3.06 0.00	58.01 2.68 0.00	56.91 2.50 0.00	53.06 2.42 0.00	44.74 2.36 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	37.10 1.15 0.00	32.13 0.93 0.00	29.10 0.89 0.00	28.14 0.84 0.00	28.52 0.82 0.00	33.84 0.91 0.00	48.91 1.50 0.00	47.17 1.97 0.00	45.52 2.17 0.00	59.54 1.99 -18.33	61.17 1.91 -21.90	47.63 2.05 -8.61	48.65 2.11 -8.10	49.72 2.50 -6.87	48.25 2.75 0.00	48.20 2.49 0.00	50.39 2.46 0.00	109.22 5.98 0.00	87.25 4.66 0.00	55.35 2.18 0.00	56.78 1.45 0.00	55.65 1.24 0.00	52.17 1.52 0.00	44.07 1.69 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	37.11 1.17 0.00	32.14 0.93 0.00	29.10 0.89 0.00	28.14 0.84 0.00	28.52 0.83 0.00	33.85 0.91 0.00	48.94 1.53 0.00	47.18 1.99 0.00	45.51 2.16 0.00	59.52 1.97 -18.33	61.17 1.91 -21.90	47.61 2.03 -8.61	48.64 2.11 -8.10	49.72 2.50 -6.87	48.24 2.74 0.00	48.20 2.49 0.00	50.39 2.46 0.00	109.23 6.00 0.00	87.25 4.66 0.00	55.36 2.19 0.00	56.78 1.45 0.00	55.67 1.25 0.00	52.18 1.53 0.00	44.07 1.69 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.08 1.13 0.00	32.12 0.92 0.00	29.09 0.88 0.00	28.12 0.82 0.00	28.50 0.81 0.00	33.82 0.89 0.00	48.89 1.49 0.00	47.15 1.95 0.00	45.50 2.15 0.00	59.51 1.96 -18.33	61.15 1.88 -21.90	47.60 2.02 -8.61	48.62 2.09 -8.10	49.71 2.49 -6.87	48.22 2.72 0.00	48.18 2.46 0.00	50.38 2.45 0.00	109.16 5.92 0.00	87.19 4.60 0.00	55.31 2.14 0.00	56.74 1.41 0.00	55.61 1.20 0.00	52.13 1.48 0.00	44.05 1.67 0.00
FARRAGUT___LBMP 323566	37.05 1.10 0.00	32.09 0.89 0.00	29.07 0.86 0.00	28.11 0.81 0.00	28.48 0.79 0.00	33.80 0.87 0.00	48.85 1.44 0.00	47.10 1.91 0.00	45.45 2.10 0.00	59.47 1.91 -18.33	61.10 1.84 -21.90	47.56 1.97 -8.61	48.57 2.03 -8.10	49.66 2.44 -6.87	48.16 2.66 0.00	48.12 2.40 0.00	50.31 2.38 0.00	109.05 5.81 0.00	87.10 4.51 0.00	55.26 2.09 0.00	56.68 1.35 0.00	55.57 1.16 0.00	52.11 1.46 0.00	44.01 1.63 0.00
FARRCKWY_69_KV_BK2 55825	36.98 1.03 0.00	32.30 1.09 0.00	29.51 1.29 0.00	28.49 1.19 0.00	29.04 1.35 0.00	34.36 1.43 0.00	49.51 2.11 0.00	47.74 2.54 0.00	46.00 2.66 0.00	59.58 2.24 -18.13	61.25 2.23 -21.65	45.24 2.04 -6.23	44.77 2.32 -4.02	43.40 3.05 0.00	49.07 3.57 0.00	49.09 3.37 0.00	51.39 3.46 0.00	110.86 7.62 0.00	87.81 5.21 0.00	56.23 3.06 0.00	58.01 2.68 0.00	56.91 2.50 0.00	53.06 2.42 0.00	44.74 2.36 0.00
FENNER___WINDPWR 24204	36.39 0.44 0.00	31.56 0.36 0.00	28.53 0.32 0.00	27.58 0.28 0.00	27.98 0.29 0.00	33.37 0.44 0.00	48.16 0.75 0.00	45.86 0.66 0.00	43.87 0.52 0.00	39.46 0.24 0.00	37.50 0.14 0.00	37.13 0.17 0.00	38.61 0.17 0.00	40.72 0.36 0.00	46.05 0.55 0.00	46.30 0.59 0.00	48.69 0.76 0.00	105.72 2.48 0.00	85.21 2.61 0.00	54.91 1.74 0.00	56.81 1.48 0.00	55.74 1.33 0.00	51.70 1.05 0.00	43.14 0.75 0.00
FIBERTEK___ENERGY 23856	35.61 -0.34 0.00	30.84 -0.36 0.00	27.90 -0.31 0.00	27.01 -0.30 0.00	27.39 -0.30 0.00	32.67 -0.27 0.00	47.16 -0.25 0.00	44.93 -0.26 0.00	43.61 0.26 0.00	39.23 0.02 0.00	37.35 -0.01 0.00	37.04 0.08 0.00	38.62 0.19 0.00	40.68 0.32 0.00	45.92 0.42 0.00	46.28 0.56 0.00	48.82 0.89 0.00	105.76 2.52 0.00	85.14 2.55 0.00	54.06 0.89 0.00	55.60 0.27 0.00	54.57 0.15 0.00	50.57 -0.08 0.00	42.31 -0.07 0.00
FITZPATRICK____ 23598	34.87 -1.08 0.00	30.22 -0.98 0.00	27.34 -0.88 0.00	26.46 -0.85 0.00	26.83 -0.86 0.00	31.95 -0.98 0.00	45.92 -1.49 0.00	43.63 -1.57 0.00	41.79 -1.56 0.00	37.79 -1.43 0.00	35.99 -1.37 0.00	35.65 -1.32 0.00	37.10 -1.34 0.00	39.01 -1.34 0.00	44.03 -1.47 0.00	44.27 -1.44 0.00	46.43 -1.50 0.00	100.17 -3.07 0.00	80.35 -2.24 0.00	51.64 -1.53 0.00	53.55 -1.78 0.00	52.58 -1.84 0.00	48.85 -1.80 0.00	40.91 -1.47 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.11 1.16 0.00	32.16 0.95 0.00	29.11 0.90 0.00	28.14 0.84 0.00	28.56 0.86 0.00	33.93 0.99 0.00	49.03 1.62 0.00	47.12 1.92 0.00	45.30 1.95 0.00	40.95 1.72 0.00	39.03 1.67 0.00	38.64 1.67 0.00	40.20 1.77 0.00	42.49 2.14 0.00	47.98 2.48 0.00	48.19 2.47 0.00	50.56 2.63 0.00	109.82 6.58 0.00	87.88 5.28 0.00	55.93 2.76 0.00	57.47 2.15 0.00	56.34 1.93 0.00	52.53 1.89 0.00	44.09 1.71 0.00
FORT ORANGE____ 23900	36.54 0.60 0.00	31.79 0.59 0.00	28.77 0.56 0.00	27.83 0.54 0.00	28.23 0.54 0.00	33.56 0.62 0.00	48.36 0.95 0.00	46.13 0.94 0.00	44.18 0.83 0.00	39.82 0.60 0.00	37.84 0.48 0.00	37.37 0.40 0.00	38.87 0.44 0.00	40.80 0.44 0.00	45.91 0.40 0.00	46.26 0.54 0.00	48.62 0.68 0.00	105.68 2.44 0.00	84.68 2.08 0.00	54.41 1.24 0.00	56.44 1.11 0.00	55.53 1.12 0.00	51.73 1.08 0.00	43.20 0.82 0.00
FORT_DRUM_COGEN 23780	36.86 0.91 0.00	32.05 0.85 0.00	28.80 0.59 0.00	27.87 0.57 0.00	28.22 0.53 0.00	33.57 0.64 0.00	48.54 1.14 0.00	46.29 1.10 0.00	44.43 1.08 0.00	40.12 0.90 0.00	38.03 0.66 0.00	37.63 0.66 0.00	39.09 0.66 0.00	41.20 0.84 0.00	46.16 0.65 0.00	46.54 0.83 0.00	48.78 0.85 0.00	105.92 2.68 0.00	87.19 4.59 0.00	56.74 3.57 0.00	58.98 3.65 0.00	57.79 3.38 0.00	53.56 2.91 0.00	44.47 2.09 0.00
FOX_HILLS___ESR 323835	36.95 1.00 0.00	32.01 0.81 0.00	29.00 0.78 0.00	28.06 0.76 0.00	28.42 0.73 0.00	33.74 0.80 0.00	48.67 1.26 0.00	46.88 1.68 0.00	45.26 1.91 0.00	59.26 1.71 -18.33	60.90 1.64 -21.90	47.38 1.82 -8.59	48.07 1.59 -8.05	49.12 1.98 -6.79	48.00 2.50 0.00	48.04 2.32 0.00	50.19 2.25 0.00	108.51 5.27 0.00	86.78 4.18 0.00	55.11 1.94 0.00	56.50 1.18 0.00	55.45 1.04 0.00	51.98 1.33 0.00	43.99 1.61 0.00
FPL FAR_ROCK_GT1 24212	36.98 1.03 0.00	32.29 1.09 0.00	29.50 1.29 0.00	28.48 1.18 0.00	29.04 1.35 0.00	34.36 1.42 0.00	49.52 2.11 0.00	47.74 2.54 0.00	46.00 2.66 0.00	59.58 2.24 -18.13	61.25 2.23 -21.65	45.24 2.04 -6.23	44.77 2.32 -4.02	43.40 3.05 0.00	49.07 3.57 0.00	49.09 3.37 0.00	51.39 3.46 0.00	110.85 7.61 0.00	87.81 5.21 0.00	56.23 3.06 0.00	58.01 2.68 0.00	56.92 2.51 0.00	53.06 2.41 0.00	44.74 2.36 0.00

FPL FAR_ROCK_GT2 23815	36.98 1.03 0.00	32.29 1.09 0.00	29.50 1.29 0.00	28.48 1.18 0.00	29.04 1.35 0.00	34.36 1.42 0.00	49.52 2.11 0.00	47.74 2.54 0.00	46.00 2.66 0.00	59.58 2.24 -18.13	61.25 2.23 -21.65	45.24 2.04 -6.23	44.77 2.32 -4.02	43.40 3.05 0.00	49.07 3.57 0.00	49.09 3.37 0.00	51.39 3.46 0.00	110.85 7.61 0.00	87.81 5.21 0.00	56.23 3.06 0.00	58.01 2.68 0.00	56.92 2.51 0.00	53.06 2.41 0.00	44.74 2.36 0.00
FRANKLIN_FALL_HYD 24054	36.40 0.45 0.00	31.60 0.39 0.00	28.50 0.29 0.00	27.57 0.27 0.00	28.01 0.31 0.00	33.39 0.46 0.00	48.13 0.72 0.00	45.91 0.71 0.00	44.17 0.82 0.00	40.11 0.90 0.00	38.29 0.92 0.00	37.89 0.92 0.00	39.38 0.95 0.00	40.98 0.62 0.00	45.96 0.46 0.00	45.99 0.28 0.00	48.13 0.19 0.00	103.47 0.23 0.00	83.07 0.47 0.00	53.82 0.65 0.00	56.32 0.99 0.00	55.36 0.95 0.00	51.48 0.83 0.00	42.91 0.53 0.00
FREEPORT_EQUS_GT1 23764	37.29 1.34 0.00	32.39 1.19 0.00	29.33 1.12 0.00	28.30 1.00 0.00	28.87 1.18 0.00	34.16 1.22 0.00	49.22 1.82 0.00	47.50 2.31 0.00	45.75 2.40 0.00	59.28 1.93 -18.13	60.91 1.90 -21.65	45.08 1.88 -6.23	44.46 2.01 -4.02	42.95 2.60 0.00	48.56 3.06 0.00	48.56 2.85 0.00	50.88 2.95 0.00	109.36 6.12 0.00	86.86 4.27 0.00	55.75 2.58 0.00	57.38 2.05 0.00	56.35 1.93 0.00	52.54 1.89 0.00	44.38 2.00 0.00
FREEPORT___CT2 23818	37.29 1.34 0.00	32.39 1.19 0.00	29.33 1.12 0.00	28.30 1.00 0.00	28.87 1.18 0.00	34.16 1.22 0.00	49.22 1.82 0.00	47.50 2.31 0.00	45.75 2.40 0.00	59.28 1.93 -18.13	60.91 1.90 -21.65	45.08 1.88 -6.23	44.46 2.01 -4.02	42.95 2.60 0.00	48.56 3.06 0.00	48.56 2.85 0.00	50.88 2.95 0.00	109.36 6.12 0.00	86.86 4.27 0.00	55.75 2.58 0.00	57.38 2.05 0.00	56.35 1.93 0.00	52.54 1.89 0.00	44.38 2.00 0.00
FRESHKLS_33_KV_LOAD 356253	37.05 1.10 0.00	32.10 0.90 0.00	29.08 0.86 0.00	28.14 0.84 0.00	28.51 0.82 0.00	33.84 0.91 0.00	48.75 1.34 0.00	46.94 1.74 0.00	45.33 1.98 0.00	59.31 1.76 -18.33	60.93 1.67 -21.90	47.45 1.89 -8.59	48.05 1.56 -8.05	49.09 1.95 -6.79	48.08 2.58 0.00	48.20 2.48 0.00	50.34 2.41 0.00	108.69 5.45 0.00	86.97 4.37 0.00	55.23 2.06 0.00	56.63 1.30 0.00	55.58 1.16 0.00	52.09 1.44 0.00	44.10 1.72 0.00
FULTON COGEN____ 23766	35.20 -0.75 0.00	30.50 -0.70 0.00	27.57 -0.64 0.00	26.68 -0.62 0.00	27.06 -0.63 0.00	32.24 -0.70 0.00	46.39 -1.02 0.00	44.07 -1.12 0.00	42.12 -1.23 0.00	38.05 -1.18 0.00	36.21 -1.16 0.00	35.90 -1.07 0.00	37.37 -1.06 0.00	39.34 -1.01 0.00	44.38 -1.12 0.00	44.64 -1.07 0.00	46.91 -1.03 0.00	101.34 -1.90 0.00	81.49 -1.10 0.00	52.34 -0.83 0.00	54.22 -1.11 0.00	53.19 -1.22 0.00	49.37 -1.28 0.00	41.32 -1.06 0.00
FULTON___LFGE 323630	37.42 1.47 0.00	32.43 1.23 0.00	29.27 1.06 0.00	28.32 1.01 0.00	28.72 1.03 0.00	34.19 1.26 0.00	49.58 2.17 0.00	47.02 1.82 0.00	44.05 0.71 0.00	39.31 0.09 0.00	37.52 0.16 0.00	36.85 -0.12 0.00	38.32 -0.11 0.00	40.37 0.02 0.00	45.71 0.20 0.00	46.34 0.63 0.00	49.28 1.34 0.00	107.93 4.69 0.00	87.49 4.89 0.00	56.29 3.12 0.00	58.29 2.96 0.00	57.23 2.82 0.00	53.11 2.46 0.00	44.32 1.94 0.00
G.F.CEMENT___DRP 24184	37.48 1.54 0.00	32.58 1.38 0.00	29.49 1.28 0.00	28.51 1.21 0.00	28.97 1.27 0.00	34.52 1.59 0.00	49.87 2.46 0.00	47.41 2.22 0.00	45.25 1.91 0.00	40.54 1.32 0.00	38.24 0.87 0.00	37.57 0.60 0.00	38.96 0.53 0.00	40.90 0.55 0.00	46.12 0.62 0.00	46.83 1.12 0.00	49.62 1.69 0.00	108.51 5.27 0.00	87.63 5.03 0.00	56.43 3.26 0.00	58.45 3.12 0.00	57.53 3.11 0.00	53.55 2.90 0.00	44.38 2.00 0.00
GARDENVILLE___LBMP 24039	35.15 -0.80 0.00	30.18 -1.03 0.00	27.28 -0.93 0.00	26.43 -0.88 0.00	26.74 -0.96 0.00	32.08 -0.85 0.00	46.11 -1.30 0.00	43.88 -1.32 0.00	42.42 -0.92 0.00	38.83 -0.39 0.00	37.06 -0.30 0.00	36.90 -0.07 0.00	38.42 -0.01 0.00	40.57 0.21 0.00	46.06 0.56 0.00	46.01 0.30 0.00	48.03 0.10 0.00	102.39 -0.85 0.00	82.36 -0.24 0.00	52.85 -0.32 0.00	54.29 -1.04 0.00	52.93 -1.49 0.00	48.80 -1.85 0.00	40.80 -1.58 0.00
GARDNVLA_35_KV_LD 355827	35.27 -0.68 0.00	30.27 -0.93 0.00	27.36 -0.85 0.00	26.50 -0.81 0.00	26.81 -0.88 0.00	32.18 -0.75 0.00	46.25 -1.15 0.00	44.01 -1.18 0.00	42.58 -0.76 0.00	39.01 -0.21 0.00	37.25 -0.11 0.00	37.10 0.13 0.00	38.66 0.23 0.00	40.80 0.45 0.00	46.36 0.86 0.00	46.35 0.63 0.00	48.38 0.44 0.00	103.07 -0.17 0.00	82.84 0.25 0.00	53.18 0.01 0.00	54.64 -0.68 0.00	53.25 -1.16 0.00	49.05 -1.60 0.00	40.99 -1.39 0.00
GELCKHM___115KV_LOAD 80723	35.45 -0.50 0.00	30.71 -0.49 0.00	27.78 -0.44 0.00	26.88 -0.42 0.00	27.26 -0.43 0.00	32.52 -0.41 0.00	47.33 -0.08 0.00	45.08 -0.11 0.00	43.77 0.42 0.00	39.38 0.16 0.00	37.49 0.13 0.00	37.19 0.22 0.00	38.80 0.37 0.00	40.86 0.51 0.00	46.13 0.63 0.00	46.52 0.81 0.00	49.07 1.14 0.00	106.26 3.02 0.00	85.54 2.95 0.00	54.28 1.11 0.00	55.81 0.48 0.00	54.75 0.34 0.00	50.76 0.11 0.00	42.45 0.07 0.00
GENERAL___MILLS 23808	35.23 -0.72 0.00	30.23 -0.97 0.00	27.33 -0.88 0.00	26.46 -0.84 0.00	26.77 -0.92 0.00	32.14 -0.79 0.00	46.19 -1.22 0.00	43.95 -1.25 0.00	42.50 -0.84 0.00	38.94 -0.28 0.00	37.16 -0.20 0.00	37.01 0.04 0.00	38.55 0.12 0.00	40.69 0.33 0.00	46.21 0.71 0.00	46.20 0.48 0.00	48.22 0.29 0.00	102.70 -0.55 0.00	82.59 -0.01 0.00	53.02 -0.15 0.00	54.49 -0.84 0.00	53.11 -1.31 0.00	48.94 -1.70 0.00	40.91 -1.47 0.00
GE_PLASTICS___DRP 24183	36.38 0.43 0.00	31.65 0.44 0.00	28.64 0.43 0.00	27.72 0.41 0.00	28.11 0.42 0.00	33.40 0.47 0.00	48.11 0.71 0.00	45.92 0.73 0.00	44.03 0.69 0.00	39.77 0.54 0.00	37.81 0.45 0.00	37.36 0.40 0.00	38.86 0.43 0.00	40.80 0.44 0.00	45.94 0.43 0.00	46.24 0.52 0.00	48.54 0.60 0.00	105.22 1.98 0.00	84.21 1.61 0.00	54.04 0.87 0.00	56.01 0.68 0.00	55.17 0.75 0.00	51.42 0.77 0.00	42.99 0.61 0.00
GILBOA___1 23756	36.31 0.37 0.00	31.59 0.38 0.00	28.65 0.44 0.00	27.72 0.42 0.00	28.11 0.42 0.00	33.30 0.37 0.00	48.01 0.60 0.00	45.89 0.70 0.00	44.05 0.71 0.00	39.81 0.59 0.00	37.89 0.53 0.00	37.49 0.52 0.00	38.97 0.54 0.00	41.01 0.65 0.00	46.21 0.71 0.00	46.44 0.73 0.00	48.69 0.75 0.00	105.18 1.95 0.00	83.97 1.37 0.00	53.79 0.62 0.00	55.73 0.40 0.00	55.03 0.61 0.00	51.31 0.66 0.00	42.97 0.59 0.00
GILBOA___2 23757	36.31 0.37 0.00	31.59 0.38 0.00	28.65 0.44 0.00	27.72 0.42 0.00	28.11 0.42 0.00	33.30 0.37 0.00	48.01 0.60 0.00	45.89 0.70 0.00	44.05 0.71 0.00	39.81 0.59 0.00	37.89 0.53 0.00	37.49 0.52 0.00	38.97 0.54 0.00	41.01 0.65 0.00	46.21 0.71 0.00	46.44 0.73 0.00	48.69 0.75 0.00	105.18 1.95 0.00	83.97 1.37 0.00	53.79 0.62 0.00	55.73 0.40 0.00	55.03 0.61 0.00	51.31 0.66 0.00	42.97 0.59 0.00

GILBOA___3 23758	36.31 0.37 0.00	31.59 0.38 0.00	28.65 0.44 0.00	27.72 0.42 0.00	28.11 0.42 0.00	33.30 0.37 0.00	48.01 0.60 0.00	45.89 0.70 0.00	44.05 0.71 0.00	39.81 0.59 0.00	37.89 0.53 0.00	37.49 0.52 0.00	38.97 0.54 0.00	41.01 0.65 0.00	46.21 0.71 0.00	46.44 0.73 0.00	48.69 0.75 0.00	105.18 1.95 0.00	83.97 1.37 0.00	53.79 0.62 0.00	55.73 0.40 0.00	55.03 0.61 0.00	51.31 0.66 0.00	42.97 0.59 0.00
GILBOA___4 23759	36.31 0.37 0.00	31.59 0.38 0.00	28.65 0.44 0.00	27.72 0.42 0.00	28.11 0.42 0.00	33.30 0.37 0.00	48.01 0.60 0.00	45.89 0.70 0.00	44.05 0.71 0.00	39.81 0.59 0.00	37.89 0.53 0.00	37.49 0.52 0.00	38.97 0.54 0.00	41.01 0.65 0.00	46.21 0.71 0.00	46.44 0.73 0.00	48.69 0.75 0.00	105.18 1.95 0.00	83.97 1.37 0.00	53.79 0.62 0.00	55.73 0.40 0.00	55.03 0.61 0.00	51.31 0.66 0.00	42.97 0.59 0.00
GILBOA___ 23599	36.31 0.37 0.00	31.58 0.38 0.00	28.66 0.44 0.00	27.72 0.42 0.00	28.12 0.42 0.00	33.30 0.37 0.00	48.01 0.60 0.00	45.90 0.70 0.00	44.05 0.71 0.00	39.81 0.59 0.00	37.89 0.53 0.00	37.49 0.52 0.00	38.97 0.54 0.00	41.01 0.66 0.00	46.22 0.71 0.00	46.44 0.73 0.00	48.69 0.75 0.00	105.19 1.95 0.00	83.97 1.37 0.00	53.79 0.62 0.00	55.73 0.40 0.00	55.03 0.61 0.00	51.31 0.66 0.00	42.97 0.59 0.00
GINNA___ 23603	33.91 -2.04 0.00	29.24 -1.97 0.00	26.40 -1.81 0.00	25.57 -1.73 0.00	25.91 -1.79 0.00	31.01 -1.92 0.00	44.65 -2.76 0.00	42.45 -2.75 0.00	40.85 -2.50 0.00	37.07 -2.15 0.00	35.39 -1.98 0.00	35.20 -1.77 0.00	36.68 -1.75 0.00	38.71 -1.65 0.00	43.94 -1.56 0.00	44.10 -1.61 0.00	46.29 -1.65 0.00	99.38 -3.86 0.00	79.90 -2.70 0.00	51.25 -1.92 0.00	52.84 -2.49 0.00	51.60 -2.81 0.00	47.70 -2.95 0.00	39.84 -2.54 0.00
GLEN PARK___ 23778	36.94 1.00 0.00	32.10 0.90 0.00	28.86 0.64 0.00	27.93 0.63 0.00	28.28 0.59 0.00	33.66 0.73 0.00	48.67 1.27 0.00	46.40 1.21 0.00	44.53 1.18 0.00	40.18 0.96 0.00	38.05 0.68 0.00	37.67 0.70 0.00	39.13 0.70 0.00	41.26 0.91 0.00	46.22 0.71 0.00	46.63 0.92 0.00	48.89 0.96 0.00	106.08 2.84 0.00	87.51 4.91 0.00	56.96 3.79 0.00	59.22 3.89 0.00	58.00 3.59 0.00	53.71 3.06 0.00	44.57 2.20 0.00
GLENDALE_27_KV_LOAD 356172	37.21 1.26 0.00	32.23 1.02 0.00	29.18 0.97 0.00	28.22 0.92 0.00	28.58 0.89 0.00	33.95 1.01 0.00	49.06 1.65 0.00	47.34 2.14 0.00	45.70 2.36 0.00	59.69 2.14 -18.33	61.32 2.06 -21.90	47.77 2.21 -8.59	48.69 2.20 -8.05	49.77 2.62 -6.79	48.48 2.97 0.00	48.39 2.68 0.00	50.56 2.63 0.00	109.45 6.21 0.00	87.42 4.82 0.00	55.47 2.30 0.00	56.89 1.56 0.00	55.81 1.39 0.00	52.30 1.66 0.00	44.24 1.86 0.00
GLENWOOD_IC_1_G5 23712	37.18 1.23 0.00	32.26 1.05 0.00	29.21 1.00 0.00	28.21 0.91 0.00	28.70 1.01 0.00	34.01 1.08 0.00	49.08 1.68 0.00	47.30 2.11 0.00	45.59 2.24 0.00	59.26 1.91 -18.13	60.94 1.93 -21.65	45.15 1.95 -6.23	44.53 2.07 -4.02	42.94 2.58 0.00	48.48 2.98 0.00	48.48 2.77 0.00	50.59 2.65 0.00	109.01 5.77 0.00	86.84 4.24 0.00	55.33 2.16 0.00	56.89 1.56 0.00	55.84 1.42 0.00	52.24 1.59 0.00	44.19 1.81 0.00
GLENWOOD_IC_2_G1 23688	37.01 1.06 0.00	32.11 0.91 0.00	29.08 0.87 0.00	28.10 0.80 0.00	28.56 0.87 0.00	33.86 0.93 0.00	48.88 1.47 0.00	47.08 1.89 0.00	45.36 2.02 0.00	59.08 1.73 -18.13	60.74 1.72 -21.65	44.96 1.76 -6.23	44.32 1.87 -4.02	42.67 2.32 0.00	48.14 2.64 0.00	48.16 2.44 0.00	50.40 2.47 0.00	109.02 5.78 0.00	86.95 4.35 0.00	55.37 2.20 0.00	56.92 1.59 0.00	55.85 1.43 0.00	52.15 1.50 0.00	43.99 1.61 0.00
GLENWOOD_IC_3_G1 23689	37.01 1.06 0.00	32.11 0.91 0.00	29.08 0.87 0.00	28.10 0.80 0.00	28.56 0.87 0.00	33.86 0.93 0.00	48.88 1.47 0.00	47.08 1.89 0.00	45.36 2.02 0.00	59.08 1.73 -18.13	60.74 1.72 -21.65	44.96 1.76 -6.23	44.32 1.87 -4.02	42.67 2.32 0.00	48.14 2.64 0.00	48.16 2.44 0.00	50.40 2.47 0.00	109.02 5.78 0.00	86.95 4.35 0.00	55.37 2.20 0.00	56.92 1.59 0.00	55.85 1.43 0.00	52.15 1.50 0.00	43.99 1.61 0.00
GLENWOOD___4 23550	37.18 1.23 0.00	32.26 1.05 0.00	29.21 1.00 0.00	28.21 0.91 0.00	28.70 1.01 0.00	34.01 1.08 0.00	49.08 1.68 0.00	47.30 2.11 0.00	45.59 2.24 0.00	59.26 1.91 -18.13	60.94 1.93 -21.65	45.15 1.95 -6.23	44.53 2.07 -4.02	42.94 2.58 0.00	48.48 2.98 0.00	48.49 2.77 0.00	50.65 2.71 0.00	109.27 6.04 0.00	87.01 4.41 0.00	55.47 2.30 0.00	57.03 1.70 0.00	55.95 1.53 0.00	52.29 1.64 0.00	44.19 1.81 0.00
GLENWOOD___5 23614	37.18 1.23 0.00	32.26 1.05 0.00	29.21 1.00 0.00	28.21 0.91 0.00	28.70 1.01 0.00	34.01 1.08 0.00	49.08 1.68 0.00	47.30 2.11 0.00	45.59 2.24 0.00	59.26 1.91 -18.13	60.94 1.93 -21.65	45.15 1.95 -6.23	44.53 2.07 -4.02	42.94 2.58 0.00	48.48 2.98 0.00	48.49 2.77 0.00	50.65 2.71 0.00	109.27 6.04 0.00	87.01 4.41 0.00	55.47 2.30 0.00	57.03 1.70 0.00	55.95 1.53 0.00	52.29 1.64 0.00	44.19 1.81 0.00
GLOBAL GREEN_PORT_GT1 23814	37.64 1.69 0.00	33.09 1.88 0.00	30.18 1.97 0.00	29.00 1.70 0.00	30.04 2.35 0.00	35.50 2.56 0.00	50.73 3.32 0.00	49.33 4.13 0.00	47.78 4.43 0.00	60.52 3.18 -18.13	61.62 2.61 -21.65	45.79 2.59 -6.23	45.28 2.83 -4.02	43.87 3.51 0.00	49.84 4.34 0.00	49.74 4.02 0.00	51.94 4.01 0.00	112.08 8.84 0.00	88.50 5.90 0.00	56.28 3.12 0.00	57.93 2.60 0.00	57.13 2.72 0.00	53.29 2.65 0.00	45.02 2.64 0.00
GLOBE___DSASP 323697	34.43 -1.52 0.00	29.58 -1.63 0.00	26.71 -1.50 0.00	25.91 -1.39 0.00	26.19 -1.51 0.00	31.41 -1.52 0.00	45.03 -2.37 0.00	42.61 -2.58 0.00	41.30 -2.05 0.00	37.90 -1.32 0.00	36.17 -1.20 0.00	36.02 -0.95 0.00	37.48 -0.95 0.00	39.52 -0.83 0.00	44.83 -0.68 0.00	44.42 -1.29 0.00	46.29 -1.65 0.00	97.79 -5.45 0.00	78.56 -4.04 0.00	50.55 -2.62 0.00	52.01 -3.31 0.00	50.77 -3.64 0.00	47.44 -3.21 0.00	39.93 -2.45 0.00
GOETHSLN___LBMP 323567	36.89 0.95 0.00	31.95 0.75 0.00	28.95 0.73 0.00	28.00 0.70 0.00	28.37 0.68 0.00	33.65 0.71 0.00	48.61 1.21 0.00	46.88 1.69 0.00	45.23 1.88 0.00	59.26 1.71 -18.33	60.90 1.63 -21.90	45.77 1.77 -7.04	-370.55 1.84 410.82	-360.21 2.21 402.78	-57.54 2.41 105.46	47.95 2.24 0.00	50.15 2.21 0.00	108.75 5.51 0.00	86.90 4.30 0.00	55.10 1.93 0.00	56.50 1.17 0.00	55.35 0.93 0.00	51.84 1.20 0.00	43.78 1.41 0.00
GOLAH___69_KV_TB 1_2 80279	35.63 -0.33 0.00	30.67 -0.53 0.00	27.70 -0.51 0.00	26.84 -0.46 0.00	27.17 -0.52 0.00	32.59 -0.34 0.00	46.99 -0.41 0.00	44.66 -0.53 0.00	42.90 -0.45 0.00	38.91 -0.31 0.00	37.15 -0.21 0.00	36.99 0.03 0.00	38.51 0.08 0.00	40.64 0.29 0.00	46.16 0.66 0.00	46.31 0.60 0.00	48.60 0.67 0.00	103.97 0.73 0.00	84.01 1.42 0.00	54.04 0.87 0.00	55.67 0.35 0.00	54.31 -0.11 0.00	50.15 -0.50 0.00	41.89 -0.49 0.00

GOODYEAR_LAKE_HYD 323669	36.72 0.77 0.00	31.86 0.66 0.00	28.86 0.65 0.00	27.91 0.60 0.00	28.32 0.62 0.00	33.62 0.69 0.00	48.63 1.22 0.00	46.47 1.28 0.00	44.58 1.23 0.00	40.18 0.96 0.00	38.25 0.88 0.00	37.85 0.88 0.00	39.34 0.91 0.00	41.50 1.15 0.00	46.86 1.35 0.00	47.10 1.39 0.00	49.38 1.45 0.00	107.23 3.99 0.00	86.11 3.51 0.00	55.20 2.03 0.00	57.01 1.68 0.00	55.99 1.57 0.00	52.00 1.36 0.00	43.48 1.10 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	35.79 -0.16 0.00	30.97 -0.23 0.00	28.07 -0.14 0.00	27.14 -0.17 0.00	27.55 -0.14 0.00	32.82 -0.12 0.00	47.31 -0.09 0.00	45.04 -0.15 0.00	43.27 -0.08 0.00	39.11 -0.10 0.00	37.22 -0.14 0.00	36.88 -0.09 0.00	38.33 -0.10 0.00	40.43 0.08 0.00	45.71 0.21 0.00	45.98 0.27 0.00	48.09 0.16 0.00	104.30 1.06 0.00	83.88 1.29 0.00	53.73 0.56 0.00	55.37 0.04 0.00	54.38 -0.04 0.00	50.37 -0.27 0.00	42.22 -0.16 0.00
GOUDEY___7 23579	35.79 -0.16 0.00	30.97 -0.23 0.00	28.07 -0.14 0.00	27.14 -0.17 0.00	27.55 -0.14 0.00	32.82 -0.12 0.00	47.31 -0.09 0.00	45.04 -0.15 0.00	43.27 -0.08 0.00	39.11 -0.10 0.00	37.22 -0.14 0.00	36.88 -0.09 0.00	38.33 -0.10 0.00	40.43 0.08 0.00	45.71 0.21 0.00	45.98 0.27 0.00	48.09 0.16 0.00	104.30 1.06 0.00	83.88 1.29 0.00	53.73 0.56 0.00	55.37 0.04 0.00	54.38 -0.04 0.00	50.37 -0.27 0.00	42.22 -0.16 0.00
GOUDEY___8 23580	35.79 -0.16 0.00	30.97 -0.23 0.00	28.07 -0.14 0.00	27.14 -0.17 0.00	27.55 -0.14 0.00	32.82 -0.12 0.00	47.31 -0.09 0.00	45.04 -0.15 0.00	43.27 -0.08 0.00	39.11 -0.10 0.00	37.22 -0.14 0.00	36.88 -0.09 0.00	38.33 -0.10 0.00	40.43 0.08 0.00	45.71 0.21 0.00	45.98 0.27 0.00	48.09 0.16 0.00	104.30 1.06 0.00	83.88 1.29 0.00	53.73 0.56 0.00	55.37 0.04 0.00	54.38 -0.04 0.00	50.37 -0.27 0.00	42.22 -0.16 0.00
GOWANUS_GT1_1 24077	36.98 1.03 0.00	32.03 0.82 0.00	29.01 0.80 0.00	28.06 0.76 0.00	28.42 0.73 0.00	33.75 0.82 0.00	48.73 1.33 0.00	46.97 1.78 0.00	45.32 1.98 0.00	59.32 1.77 -18.33	60.97 1.71 -21.90	47.42 1.87 -8.59	48.22 1.73 -8.05	49.28 2.14 -6.79	48.04 2.54 0.00	48.02 2.31 0.00	50.17 2.24 0.00	108.59 5.35 0.00	86.82 4.22 0.00	55.10 1.94 0.00	56.51 1.18 0.00	55.45 1.04 0.00	51.99 1.34 0.00	43.98 1.60 0.00
GOWANUS_GT1_2 24078	36.98 1.03 0.00	32.03 0.82 0.00	29.01 0.80 0.00	28.06 0.76 0.00	28.42 0.73 0.00	33.75 0.82 0.00	48.73 1.33 0.00	46.97 1.78 0.00	45.32 1.98 0.00	59.32 1.77 -18.33	60.97 1.71 -21.90	47.42 1.87 -8.59	48.22 1.73 -8.05	49.28 2.14 -6.79	48.04 2.54 0.00	48.02 2.31 0.00	50.17 2.24 0.00	108.59 5.35 0.00	86.82 4.22 0.00	55.10 1.94 0.00	56.51 1.18 0.00	55.45 1.04 0.00	51.99 1.34 0.00	43.98 1.60 0.00
GOWANUS_GT1_3 24079	36.98 1.03 0.00	32.03 0.82 0.00	29.01 0.80 0.00	28.06 0.76 0.00	28.42 0.73 0.00	33.75 0.82 0.00	48.73 1.33 0.00	46.97 1.78 0.00	45.32 1.98 0.00	59.32 1.77 -18.33	60.97 1.71 -21.90	47.42 1.87 -8.59	48.22 1.73 -8.05	49.28 2.14 -6.79	48.04 2.54 0.00	48.02 2.31 0.00	50.17 2.24 0.00	108.59 5.35 0.00	86.82 4.22 0.00	55.10 1.94 0.00	56.51 1.18 0.00	55.45 1.04 0.00	51.99 1.34 0.00	43.98 1.60 0.00
GOWANUS_GT1_4 24080	36.98 1.03 0.00	32.03 0.82 0.00	29.01 0.80 0.00	28.06 0.76 0.00	28.42 0.73 0.00	33.75 0.82 0.00	48.73 1.33 0.00	46.97 1.78 0.00	45.32 1.98 0.00	59.32 1.77 -18.33	60.97 1.71 -21.90	47.42 1.87 -8.59	48.22 1.73 -8.05	49.28 2.14 -6.79	48.04 2.54 0.00	48.02 2.31 0.00	50.17 2.24 0.00	108.59 5.35 0.00	86.82 4.22 0.00	55.10 1.94 0.00	56.51 1.18 0.00	55.45 1.04 0.00	51.99 1.34 0.00	43.98 1.60 0.00
GOWANUS_GT1_5 24084	36.98 1.03 0.00	32.03 0.82 0.00	29.01 0.80 0.00	28.06 0.76 0.00	28.42 0.73 0.00	33.75 0.82 0.00	48.73 1.33 0.00	46.97 1.78 0.00	45.32 1.98 0.00	59.32 1.77 -18.33	60.97 1.71 -21.90	47.42 1.87 -8.59	48.22 1.73 -8.05	49.28 2.14 -6.79	48.04 2.54 0.00	48.02 2.31 0.00	50.17 2.24 0.00	108.59 5.35 0.00	86.82 4.22 0.00	55.10 1.94 0.00	56.51 1.18 0.00	55.45 1.04 0.00	51.99 1.34 0.00	43.98 1.60 0.00
GOWANUS_GT1_6 24111	36.98 1.03 0.00	32.03 0.82 0.00	29.01 0.80 0.00	28.06 0.76 0.00	28.42 0.73 0.00	33.75 0.82 0.00	48.73 1.33 0.00	46.97 1.78 0.00	45.32 1.98 0.00	59.32 1.77 -18.33	60.97 1.71 -21.90	47.42 1.87 -8.59	48.22 1.73 -8.05	49.28 2.14 -6.79	48.04 2.54 0.00	48.02 2.31 0.00	50.17 2.24 0.00	108.59 5.35 0.00	86.82 4.22 0.00	55.10 1.94 0.00	56.51 1.18 0.00	55.45 1.04 0.00	51.99 1.34 0.00	43.98 1.60 0.00
GOWANUS_GT1_7 24112	36.98 1.03 0.00	32.03 0.82 0.00	29.01 0.80 0.00	28.06 0.76 0.00	28.42 0.73 0.00	33.75 0.82 0.00	48.73 1.33 0.00	46.97 1.78 0.00	45.32 1.98 0.00	59.32 1.77 -18.33	60.97 1.71 -21.90	47.42 1.87 -8.59	48.22 1.73 -8.05	49.28 2.14 -6.79	48.04 2.54 0.00	48.02 2.31 0.00	50.17 2.24 0.00	108.59 5.35 0.00	86.82 4.22 0.00	55.10 1.94 0.00	56.51 1.18 0.00	55.45 1.04 0.00	51.99 1.34 0.00	43.98 1.60 0.00
GOWANUS_GT1_8 24113	36.98 1.03 0.00	32.03 0.82 0.00	29.01 0.80 0.00	28.06 0.76 0.00	28.42 0.73 0.00	33.75 0.82 0.00	48.73 1.33 0.00	46.97 1.78 0.00	45.32 1.98 0.00	59.32 1.77 -18.33	60.97 1.71 -21.90	47.42 1.87 -8.59	48.22 1.73 -8.05	49.28 2.14 -6.79	48.04 2.54 0.00	48.02 2.31 0.00	50.17 2.24 0.00	108.59 5.35 0.00	86.82 4.22 0.00	55.10 1.94 0.00	56.51 1.18 0.00	55.45 1.04 0.00	51.99 1.34 0.00	43.98 1.60 0.00
GOWANUS_GT2_1 24114	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.07 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	46.99 1.80 0.00	45.36 2.01 0.00	59.33 1.78 -18.33	60.99 1.73 -21.90	47.43 1.88 -8.59	48.23 1.75 -8.05	49.29 2.15 -6.79	48.07 2.56 0.00	48.05 2.34 0.00	50.19 2.26 0.00	108.63 5.39 0.00	86.85 4.25 0.00	55.12 1.96 0.00	56.54 1.21 0.00	55.49 1.08 0.00	52.02 1.37 0.00	43.99 1.61 0.00
GOWANUS_GT2_2 24115	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.07 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	46.99 1.80 0.00	45.36 2.01 0.00	59.33 1.78 -18.33	60.99 1.73 -21.90	47.43 1.88 -8.59	48.23 1.75 -8.05	49.29 2.15 -6.79	48.07 2.56 0.00	48.05 2.34 0.00	50.19 2.26 0.00	108.63 5.39 0.00	86.85 4.25 0.00	55.12 1.96 0.00	56.54 1.21 0.00	55.49 1.08 0.00	52.02 1.37 0.00	43.99 1.61 0.00
GOWANUS_GT2_3 24116	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.07 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	46.99 1.80 0.00	45.36 2.01 0.00	59.33 1.78 -18.33	60.99 1.73 -21.90	47.43 1.88 -8.59	48.23 1.75 -8.05	49.29 2.15 -6.79	48.07 2.56 0.00	48.05 2.34 0.00	50.19 2.26 0.00	108.63 5.39 0.00	86.85 4.25 0.00	55.12 1.96 0.00	56.54 1.21 0.00	55.49 1.08 0.00	52.02 1.37 0.00	43.99 1.61 0.00

GOWANUS_GT2_4 24117	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.07 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	46.99 1.80 0.00	45.36 2.01 0.00	59.33 1.78 -18.33	60.99 1.73 -21.90	47.43 1.88 -8.59	48.23 1.75 -8.05	49.29 2.15 -6.79	48.07 2.56 0.00	48.05 2.34 0.00	50.19 2.26 0.00	108.63 5.39 0.00	86.85 4.25 0.00	55.12 1.96 0.00	56.54 1.21 0.00	55.49 1.08 0.00	52.02 1.37 0.00	43.99 1.61 0.00
GOWANUS_GT2_5 24118	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.07 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	46.99 1.80 0.00	45.36 2.01 0.00	59.33 1.78 -18.33	60.99 1.73 -21.90	47.43 1.88 -8.59	48.23 1.75 -8.05	49.29 2.15 -6.79	48.07 2.56 0.00	48.05 2.34 0.00	50.19 2.26 0.00	108.63 5.39 0.00	86.85 4.25 0.00	55.12 1.96 0.00	56.54 1.21 0.00	55.49 1.08 0.00	52.02 1.37 0.00	43.99 1.61 0.00
GOWANUS_GT2_6 24119	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.07 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	46.99 1.80 0.00	45.36 2.01 0.00	59.33 1.78 -18.33	60.99 1.73 -21.90	47.43 1.88 -8.59	48.23 1.75 -8.05	49.29 2.15 -6.79	48.07 2.56 0.00	48.05 2.34 0.00	50.19 2.26 0.00	108.63 5.39 0.00	86.85 4.25 0.00	55.12 1.96 0.00	56.54 1.21 0.00	55.49 1.08 0.00	52.02 1.37 0.00	43.99 1.61 0.00
GOWANUS_GT2_7 24120	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.07 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	46.99 1.80 0.00	45.36 2.01 0.00	59.33 1.78 -18.33	60.99 1.73 -21.90	47.43 1.88 -8.59	48.23 1.75 -8.05	49.29 2.15 -6.79	48.07 2.56 0.00	48.05 2.34 0.00	50.19 2.26 0.00	108.63 5.39 0.00	86.85 4.25 0.00	55.12 1.96 0.00	56.54 1.21 0.00	55.49 1.08 0.00	52.02 1.37 0.00	43.99 1.61 0.00
GOWANUS_GT2_8 24121	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.07 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	46.99 1.80 0.00	45.36 2.01 0.00	59.33 1.78 -18.33	60.99 1.73 -21.90	47.43 1.88 -8.59	48.23 1.75 -8.05	49.29 2.15 -6.79	48.07 2.56 0.00	48.05 2.34 0.00	50.19 2.26 0.00	108.63 5.39 0.00	86.85 4.25 0.00	55.12 1.96 0.00	56.54 1.21 0.00	55.49 1.08 0.00	52.02 1.37 0.00	43.99 1.61 0.00
GOWANUS_GT3_1 24122	36.98 1.03 0.00	32.03 0.82 0.00	29.01 0.80 0.00	28.06 0.76 0.00	28.42 0.73 0.00	33.75 0.82 0.00	48.73 1.33 0.00	46.97 1.78 0.00	45.33 1.98 0.00	59.32 1.77 -18.33	60.97 1.71 -21.90	47.41 1.86 -8.59	48.21 1.73 -8.05	49.27 2.12 -6.79	48.04 2.53 0.00	48.02 2.30 0.00	50.17 2.24 0.00	108.59 5.35 0.00	86.81 4.21 0.00	55.10 1.94 0.00	56.51 1.19 0.00	55.45 1.04 0.00	51.99 1.34 0.00	43.98 1.60 0.00
GOWANUS_GT3_2 24123	36.98 1.03 0.00	32.03 0.82 0.00	29.01 0.80 0.00	28.06 0.76 0.00	28.42 0.73 0.00	33.75 0.82 0.00	48.73 1.33 0.00	46.97 1.78 0.00	45.33 1.98 0.00	59.32 1.77 -18.33	60.97 1.71 -21.90	47.41 1.86 -8.59	48.21 1.73 -8.05	49.27 2.12 -6.79	48.04 2.53 0.00	48.02 2.30 0.00	50.17 2.24 0.00	108.59 5.35 0.00	86.81 4.21 0.00	55.10 1.94 0.00	56.51 1.19 0.00	55.45 1.04 0.00	51.99 1.34 0.00	43.98 1.60 0.00
GOWANUS_GT3_3 24124	36.98 1.03 0.00	32.03 0.82 0.00	29.01 0.80 0.00	28.06 0.76 0.00	28.42 0.73 0.00	33.75 0.82 0.00	48.73 1.33 0.00	46.9																

GOWANUS_GT4_3 24132	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.08 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	46.99 1.79 0.00	45.35 2.01 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.43 1.88 -8.59	48.24 1.75 -8.05	49.30 2.16 -6.79	48.08 2.57 0.00	48.05 2.33 0.00	50.20 2.26 0.00	108.63 5.39 0.00	86.84 4.25 0.00	55.13 1.96 0.00	56.54 1.21 0.00	55.48 1.07 0.00	52.01 1.36 0.00	43.99 1.61 0.00
GOWANUS_GT4_4 24133	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.08 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	46.99 1.79 0.00	45.35 2.01 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.43 1.88 -8.59	48.24 1.75 -8.05	49.30 2.16 -6.79	48.08 2.57 0.00	48.05 2.33 0.00	50.20 2.26 0.00	108.63 5.39 0.00	86.84 4.25 0.00	55.13 1.96 0.00	56.54 1.21 0.00	55.48 1.07 0.00	52.01 1.36 0.00	43.99 1.61 0.00
GOWANUS_GT4_5 24134	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.08 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	46.99 1.79 0.00	45.35 2.01 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.43 1.88 -8.59	48.24 1.75 -8.05	49.30 2.16 -6.79	48.08 2.57 0.00	48.05 2.33 0.00	50.20 2.26 0.00	108.63 5.39 0.00	86.84 4.25 0.00	55.13 1.96 0.00	56.54 1.21 0.00	55.48 1.07 0.00	52.01 1.36 0.00	43.99 1.61 0.00
GOWANUS_GT4_6 24135	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.08 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	46.99 1.79 0.00	45.35 2.01 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.43 1.88 -8.59	48.24 1.75 -8.05	49.30 2.16 -6.79	48.08 2.57 0.00	48.05 2.33 0.00	50.20 2.26 0.00	108.63 5.39 0.00	86.84 4.25 0.00	55.13 1.96 0.00	56.54 1.21 0.00	55.48 1.07 0.00	52.01 1.36 0.00	43.99 1.61 0.00
GOWANUS_GT4_7 24136	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.08 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	46.99 1.79 0.00	45.35 2.01 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.43 1.88 -8.59	48.24 1.75 -8.05	49.30 2.16 -6.79	48.08 2.57 0.00	48.05 2.33 0.00	50.20 2.26 0.00	108.63 5.39 0.00	86.84 4.25 0.00	55.13 1.96 0.00	56.54 1.21 0.00	55.48 1.07 0.00	52.01 1.36 0.00	43.99 1.61 0.00
GOWANUS_GT4_8 24137	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.08 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	46.99 1.79 0.00	45.35 2.01 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.43 1.88 -8.59	48.24 1.75 -8.05	49.30 2.16 -6.79	48.08 2.57 0.00	48.05 2.33 0.00	50.20 2.26 0.00	108.63 5.39 0.00	86.84 4.25 0.00	55.13 1.96 0.00	56.54 1.21 0.00	55.48 1.07 0.00	52.01 1.36 0.00	43.99 1.61 0.00
GREENBSH_115KV_TB3 55895	36.36 0.41 0.00	31.65 0.44 0.00	28.64 0.42 0.00	27.72 0.41 0.00	28.10 0.41 0.00	33.40 0.46 0.00	48.09 0.69 0.00	45.89 0.69 0.00	44.01 0.66 0.00	39.75 0.52 0.00	37.77 0.41 0.00	37.31 0.34 0.00	38.80 0.36 0.00	40.72 0.37 0.00	45.82 0.31 0.00	46.14 0.42 0.00	48.47 0.54 0.00	105.18 1.94 0.00	84.20 1.60 0.00	54.03 0.86 0.00	56.02 0.69 0.00	55.17 0.76 0.00	51.42 0.77 0.00	42.95 0.57 0.00
GREENIDGE_115KV_TB5 80291	35.85 -0.10 0.00	30.92 -0.28 0.00	28.00 -0.21 0.00	27.08 -0.23 0.00	27.48 -0.21 0.00	32.88 -0.06 0.00	47.32 -0.09 0.00	45.23 0.03 0.00	43.16 -0.18 0.00	38.83 -0.39 0.00	36.88 -0.48 0.00	36.60 -0.37 0.00	38.12 -0.31 0.00	40.28 -0.08 0.00	45.58 0.08 0.00	45.88 0.17 0.00	48.08 0.15 0.00	104.04 0.80 0.00	84.27 1.68 0.00	54.00 0.83 0.00	55.24 -0.09 0.00	54.01 -0.40 0.00	50.09 -0.56 0.00	42.12 -0.26 0.00
GREENIDGE___3 23582	35.85 -0.10 0.00	30.92 -0.28 0.00	28.00 -0.21 0.00	27.08 -0.23 0.00	27.48 -0.21 0.00	32.88 -0.06 0.00	47.32 -0.09 0.00	45.23 0.03 0.00	43.16 -0.18 0.00	38.83 -0.39 0.00	36.88 -0.48 0.00	36.60 -0.37 0.00	38.12 -0.31 0.00	40.28 -0.08 0.00	45.58 0.08 0.00	45.88 0.17 0.00	48.08 0.15 0.00	104.04 0.80 0.00	84.27 1.68 0.00	54.00 0.83 0.00	55.24 -0.09 0.00	54.01 -0.40 0.00	50.09 -0.56 0.00	42.12 -0.26 0.00
GREENIDGE___4 23583	35.84 -0.10 0.00	30.92 -0.28 0.00	28.00 -0.22 0.00	27.08 -0.23 0.00	27.48 -0.21 0.00	32.88 -0.05 0.00	47.32 -0.09 0.00	45.24 0.05 0.00	43.17 -0.18 0.00	38.83 -0.39 0.00	36.89 -0.48 0.00	36.59 -0.38 0.00	38.12 -0.31 0.00	40.27 -0.08 0.00	45.60 0.09 0.00	45.88 0.17 0.00	48.08 0.15 0.00	104.05 0.81 0.00	84.27 1.68 0.00	54.00 0.83 0.00	55.24 -0.09 0.00	54.02 -0.39 0.00	50.09 -0.56 0.00	42.12 -0.26 0.00
GREENLWN_69_KV_BK 3 55738	37.08 1.14 0.00	32.30 1.09 0.00	29.27 1.05 0.00	28.26 0.96 0.00	28.90 1.20 0.00	34.08 1.15 0.00	49.09 1.68 0.00	47.42 2.22 0.00	45.70 2.35 0.00	59.11 1.77 -18.13	60.72 1.71 -21.65	44.91 1.71 -6.23	44.26 1.80 -4.02	42.73 2.38 0.00	48.31 2.81 0.00	48.10 2.38 0.00	50.29 2.35 0.00	108.42 5.18 0.00	85.99 3.39 0.00	54.97 1.80 0.00	56.67 1.34 0.00	55.81 1.39 0.00	52.10 1.45 0.00	44.10 1.72 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.08 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	46.99 1.80 0.00	45.35 2.01 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.43 1.88 -8.59	48.24 1.75 -8.05	49.30 2.16 -6.79	48.08 2.57 0.00	48.05 2.33 0.00	50.20 2.26 0.00	108.63 5.39 0.00	86.84 4.25 0.00	55.13 1.96 0.00	56.54 1.21 0.00	55.48 1.07 0.00	52.01 1.36 0.00	43.99 1.61 0.00
GRISSOM___SOLAR 323813	37.35 1.40 0.00	32.39 1.19 0.00	29.24 1.03 0.00	28.28 0.98 0.00	28.69 1.00 0.00	34.16 1.23 0.00	49.49 2.08 0.00	46.96 1.77 0.00	43.89 0.54 0.00	39.14 -0.09 0.00	37.31 -0.05 0.00	36.60 -0.37 0.00	38.06 -0.37 0.00	40.10 -0.26 0.00	45.38 -0.13 0.00	46.09 0.37 0.00	49.17 1.24 0.00	107.74 4.50 0.00	87.29 4.69 0.00	56.13 2.97 0.00	58.13 2.80 0.00	57.10 2.68 0.00	53.01 2.36 0.00	44.23 1.85 0.00
GROVEVILLE___HYD 323602	37.11 1.16 0.00	32.16 0.95 0.00	29.11 0.90 0.00	28.14 0.84 0.00	28.56 0.86 0.00	33.93 0.99 0.00	49.03 1.62 0.00	47.12 1.92 0.00	45.30 1.95 0.00	40.95 1.72 0.00	39.03 1.67 0.00	38.64 1.67 0.00	40.20 1.77 0.00	42.49 2.14 0.00	47.98 2.48 0.00	48.19 2.47 0.00	50.56 2.63 0.00	109.82 6.58 0.00	87.88 5.28 0.00	55.93 2.76 0.00	57.47 2.15 0.00	56.34 1.93 0.00	52.53 1.89 0.00	44.09 1.71 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	35.61 -0.34 0.00	30.84 -0.36 0.00	27.90 -0.31 0.00	27.01 -0.30 0.00	27.39 -0.30 0.00	32.67 -0.27 0.00	47.16 -0.25 0.00	44.93 -0.26 0.00	43.61 0.26 0.00	39.23 0.02 0.00	37.35 -0.01 0.00	37.04 0.08 0.00	38.62 0.19 0.00	40.68 0.32 0.00	45.92 0.42 0.00	46.28 0.56 0.00	48.82 0.89 0.00	105.76 2.52 0.00	85.14 2.55 0.00	54.06 0.89 0.00	55.60 0.27 0.00	54.57 0.15 0.00	50.57 -0.08 0.00	42.31 -0.07 0.00

HAMLTNNY_34_KV_TB 80303	35.63 -0.32 0.00	30.84 -0.36 0.00	27.89 -0.33 0.00	27.02 -0.28 0.00	27.40 -0.29 0.00	32.72 -0.21 0.00	47.17 -0.24 0.00	45.00 -0.19 0.00	43.89 0.54 0.00	39.39 0.17 0.00	37.50 0.13 0.00	37.24 0.27 0.00	38.83 0.40 0.00	40.87 0.51 0.00	46.20 0.69 0.00	46.54 0.82 0.00	49.23 1.29 0.00	106.49 3.25 0.00	85.87 3.28 0.00	54.34 1.17 0.00	55.75 0.42 0.00	54.70 0.29 0.00	50.68 0.03 0.00	42.38 0.00 0.00
HAMPSHIRE___PAPER_HYD 323593	36.37 0.42 0.00	31.62 0.42 0.00	28.45 0.24 0.00	27.54 0.24 0.00	27.92 0.23 0.00	33.22 0.28 0.00	47.86 0.45 0.00	45.68 0.49 0.00	43.96 0.61 0.00	39.89 0.67 0.00	37.99 0.63 0.00	37.55 0.59 0.00	38.81 0.38 0.00	40.60 0.24 0.00	45.37 -0.13 0.00	45.40 -0.32 0.00	47.36 -0.57 0.00	102.36 -0.88 0.00	83.00 0.40 0.00	54.05 0.88 0.00	56.57 1.24 0.00	55.69 1.28 0.00	52.00 1.35 0.00	43.50 1.12 0.00
HARDSCRABBLE_WT_PWR 323673	36.52 0.57 0.00	31.74 0.54 0.00	28.73 0.52 0.00	27.75 0.44 0.00	28.16 0.47 0.00	33.55 0.61 0.00	48.47 1.06 0.00	46.02 0.82 0.00	43.39 0.04 0.00	38.86 -0.36 0.00	36.85 -0.51 0.00	36.20 -0.77 0.00	37.74 -0.69 0.00	39.67 -0.69 0.00	44.78 -0.72 0.00	45.42 -0.29 0.00	48.01 0.07 0.00	105.14 1.90 0.00	84.84 2.24 0.00	54.49 1.32 0.00	56.56 1.23 0.00	55.89 1.47 0.00	51.95 1.30 0.00	43.19 0.81 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.87 0.92 0.00	31.94 0.73 0.00	28.90 0.69 0.00	27.94 0.64 0.00	28.34 0.65 0.00	33.67 0.73 0.00	48.66 1.26 0.00	46.79 1.59 0.00	45.02 1.67 0.00	22.60 1.48 18.11	17.21 1.45 21.60	32.30 1.55 6.21	36.05 1.63 4.01	42.37 2.02 0.00	47.86 2.36 0.00	48.06 2.34 0.00	50.41 2.47 0.00	109.44 6.20 0.00	87.61 5.02 0.00	55.63 2.47 0.00	57.09 1.76 0.00	55.96 1.54 0.00	52.15 1.51 0.00	43.82 1.44 0.00
HARSNRAD_115KV_TB1 81005	34.75 -1.20 0.00	29.83 -1.37 0.00	26.96 -1.25 0.00	26.14 -1.16 0.00	26.43 -1.26 0.00	31.72 -1.22 0.00	45.49 -1.91 0.00	43.27 -1.92 0.00	41.90 -1.45 0.00	38.36 -0.86 0.00	36.58 -0.78 0.00	36.42 -0.54 0.00	37.90 -0.53 0.00	39.99 -0.36 0.00	45.39 -0.11 0.00	45.28 -0.43 0.00	47.28 -0.65 0.00	100.32 -2.92 0.00	80.81 -1.79 0.00	51.99 -1.17 0.00	53.48 -1.85 0.00	52.15 -2.26 0.00	48.24 -2.41 0.00	40.39 -1.99 0.00
HARZA MOOSE___RIVER 24016	36.56 0.61 0.00	31.81 0.60 0.00	28.66 0.45 0.00	27.72 0.41 0.00	28.09 0.40 0.00	33.43 0.50 0.00	48.20 0.79 0.00	46.00 0.81 0.00	44.05 0.71 0.00	39.81 0.59 0.00	37.84 0.48 0.00	37.44 0.47 0.00	38.86 0.43 0.00	40.92 0.56 0.00	46.11 0.60 0.00	46.35 0.63 0.00	48.64 0.70 0.00	105.67 2.44 0.00	85.63 3.04 0.00	55.43 2.26 0.00	57.54 2.21 0.00	56.51 2.09 0.00	52.48 1.83 0.00	43.74 1.37 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	35.43 -0.52 0.00	30.69 -0.51 0.00	27.76 -0.46 0.00	26.86 -0.45 0.00	27.24 -0.45 0.00	32.46 -0.47 0.00	46.77 -0.64 0.00	44.49 -0.70 0.00	42.77 -0.58 0.00	38.64 -0.59 0.00	36.79 -0.57 0.00	36.49 -0.47 0.00	37.98 -0.45 0.00	40.01 -0.35 0.00	45.19 -0.31 0.00	45.49 -0.22 0.00	47.76 -0.17 0.00	103.24 0.00 0.00	82.97 0.37 0.00	53.19 0.02 0.00	54.98 -0.35 0.00	53.93 -0.48 0.00	50.03 -0.62 0.00	41.86 -0.52 0.00
HELLGATE_13_KV_LD 55870	37.22 1.27 0.00	32.24 1.04 0.00	29.20 0.99 0.00	28.24 0.95 0.00	28.60 0.91 0.00	33.99 1.05 0.00	49.10 1.69 0.00	47.38 2.18 0.00	45.75 2.40 0.00	59.71 2.16 -18.33	61.35 2.09 -21.90	47.79 2.23 -8.59	48.72 2.24 -8.05	49.79 2.65 -6.79	48.52 3.02 0.00	48.43 2.72 0.00	50.59 2.66 0.00	109.54 6.30 0.00	87.50 4.90 0.00	55.50 2.33 0.00	56.94 1.61 0.00	55.84 1.43 0.00	52.35 1.70 0.00	44.29 1.91 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.22 1.27 0.00	32.24 1.04 0.00	29.20 0.99 0.00	28.24 0.95 0.00	28.60 0.91 0.00	33.99 1.05 0.00	49.10 1.69 0.00	47.38 2.18 0.00	45.75 2.40 0.00	59.71 2.16 -18.33	61.35 2.09 -21.90	47.79 2.23 -8.59	48.72 2.24 -8.05	49.79 2.65 -6.79	48.52 3.02 0.00	48.43 2.72 0.00	50.59 2.66 0.00	109.54 6.30 0.00	87.50 4.90 0.00	55.50 2.33 0.00	56.94 1.61 0.00	55.84 1.43 0.00	52.35 1.70 0.00	44.29 1.91 0.00
HEMPSTEAD___ 23647	37.09 1.14 0.00	32.22 1.02 0.00	29.17 0.96 0.00	28.16 0.86 0.00	28.71 1.02 0.00	33.99 1.05 0.00	49.03 1.62 0.00	47.27 2.08 0.00	45.54 2.19 0.00	59.12 1.78 -18.13	60.78 1.76 -21.65	44.96 1.76 -6.23	44.32 1.87 -4.02	42.73 2.38 0.00	48.30 2.80 0.00	48.26 2.55 0.00	50.51 2.57 0.00	108.85 5.60 0.00	86.53 3.93 0.00	55.29 2.12 0.00	56.90 1.58 0.00	55.89 1.48 0.00	52.16 1.51 0.00	44.08 1.70 0.00
HICKLING___1 23621	35.71 -0.24 0.00	30.80 -0.40 0.00	27.95 -0.26 0.00	26.99 -0.31 0.00	27.43 -0.26 0.00	32.78 -0.15 0.00	47.30 -0.11 0.00	45.19 0.00 0.00	43.11 -0.24 0.00	38.92 -0.30 0.00	37.03 -0.33 0.00	36.73 -0.24 0.00	38.19 -0.24 0.00	40.39 0.03 0.00	45.72 0.22 0.00	46.04 0.33 0.00	48.07 0.13 0.00	104.55 1.31 0.00	84.48 1.89 0.00	53.97 0.81 0.00	55.24 -0.09 0.00	54.06 -0.35 0.00	49.84 -0.81 0.00	41.80 -0.58 0.00
HICKLING___2 23622	35.71 -0.24 0.00	30.80 -0.40 0.00	27.95 -0.26 0.00	26.99 -0.31 0.00	27.43 -0.26 0.00	32.78 -0.15 0.00	47.30 -0.11 0.00	45.19 0.00 0.00	43.11 -0.24 0.00	38.92 -0.30 0.00	37.03 -0.33 0.00	36.73 -0.24 0.00	38.19 -0.24 0.00	40.39 0.03 0.00	45.72 0.22 0.00	46.04 0.33 0.00	48.07 0.13 0.00	104.55 1.31 0.00	84.48 1.89 0.00	53.97 0.81 0.00	55.24 -0.09 0.00	54.06 -0.35 0.00	49.84 -0.81 0.00	41.80 -0.58 0.00
HIGH FALLS___HY 23754	36.92 0.97 0.00	31.98 0.78 0.00	28.94 0.73 0.00	27.98 0.68 0.00	28.39 0.70 0.00	33.71 0.78 0.00	48.78 1.37 0.00	46.95 1.75 0.00	45.16 1.81 0.00	40.82 1.60 0.00	38.91 1.55 0.00	38.40 1.44 0.00	39.92 1.49 0.00	42.21 1.86 0.00	47.76 2.25 0.00	47.98 2.27 0.00	50.35 2.42 0.00	109.40 6.16 0.00	87.78 5.18 0.00	55.81 2.64 0.00	57.31 1.98 0.00	56.13 1.72 0.00	52.29 1.63 0.00	43.89 1.50 0.00
HIGH_RIVER___SOLAR 323847	36.92 0.97 0.00	32.06 0.86 0.00	28.97 0.76 0.00	28.04 0.74 0.00	28.44 0.75 0.00	33.82 0.89 0.00	48.85 1.45 0.00	46.42 1.22 0.00	43.93 0.58 0.00	39.26 0.04 0.00	37.41 0.05 0.00	36.75 -0.21 0.00	38.20 -0.22 0.00	40.21 -0.15 0.00	45.34 -0.17 0.00	45.95 0.23 0.00	48.64 0.71 0.00	106.56 3.33 0.00	85.82 3.23 0.00	55.16 1.99 0.00	57.17 1.84 0.00	56.22 1.81 0.00	52.28 1.63 0.00	43.67 1.29 0.00
HILLBURN___GT 23639	36.75 0.80 0.00	31.83 0.63 0.00	28.82 0.60 0.00	27.86 0.56 0.00	28.26 0.57 0.00	33.57 0.63 0.00	48.51 1.10 0.00	46.68 1.48 0.00	44.94 1.59 0.00	21.14 1.43 19.51	15.49 1.41 23.28	31.79 1.51 6.70	35.70 1.59 4.32	42.33 1.98 0.00	47.76 2.26 0.00	47.91 2.20 0.00	50.20 2.27 0.00	109.04 5.80 0.00	87.22 4.62 0.00	55.32 2.15 0.00	56.73 1.40 0.00	55.61 1.20 0.00	51.90 1.25 0.00	43.66 1.29 0.00

HILLSIDE_115KV_TB1 80332	35.19 -0.76 0.00	30.39 -0.81 0.00	27.59 -0.62 0.00	26.63 -0.67 0.00	27.07 -0.62 0.00	32.32 -0.61 0.00	46.60 -0.81 0.00	44.62 -0.58 0.00	42.62 -0.73 0.00	38.49 -0.73 0.00	36.68 -0.68 0.00	36.36 -0.60 0.00	37.79 -0.64 0.00	39.93 -0.43 0.00	45.18 -0.33 0.00	45.47 -0.24 0.00	47.39 -0.54 0.00	103.03 -0.21 0.00	83.02 0.42 0.00	52.99 -0.18 0.00	54.31 -1.02 0.00	53.29 -1.12 0.00	49.18 -1.47 0.00	41.32 -1.07 0.00
HISHELDN_WT_PWR 323625	35.20 -0.75 0.00	30.25 -0.95 0.00	27.36 -0.85 0.00	26.48 -0.82 0.00	26.82 -0.87 0.00	32.16 -0.77 0.00	46.23 -1.18 0.00	43.97 -1.23 0.00	42.23 -1.12 0.00	38.46 -0.76 0.00	36.67 -0.69 0.00	36.48 -0.48 0.00	37.97 -0.46 0.00	40.12 -0.24 0.00	45.55 0.05 0.00	45.58 -0.14 0.00	47.60 -0.33 0.00	101.98 -1.26 0.00	82.37 -0.22 0.00	52.87 -0.30 0.00	54.28 -1.05 0.00	52.86 -1.56 0.00	48.72 -1.93 0.00	40.69 -1.69 0.00
HOLTSVILLE_IC_1 23690	37.03 1.08 0.00	32.34 1.14 0.00	29.36 1.15 0.00	28.31 1.01 0.00	29.09 1.40 0.00	34.30 1.36 0.00	49.21 1.80 0.00	47.64 2.45 0.00	45.97 2.62 0.00	59.09 1.75 -18.13	60.58 1.56 -21.65	44.71 1.51 -6.23	44.08 1.62 -4.02	42.55 2.20 0.00	48.13 2.63 0.00	47.94 2.22 0.00	50.13 2.20 0.00	108.00 4.76 0.00	85.49 2.89 0.00	54.66 1.49 0.00	56.43 1.10 0.00	55.71 1.30 0.00	51.98 1.33 0.00	44.02 1.64 0.00
HOLTSVILLE_IC_10 23699	37.16 1.22 0.00	32.46 1.26 0.00	29.46 1.25 0.00	28.40 1.10 0.00	29.21 1.51 0.00	34.43 1.50 0.00	49.42 2.02 0.00	47.87 2.68 0.00	46.19 2.85 0.00	59.25 1.90 -18.13	60.74 1.72 -21.65	44.88 1.69 -6.23	44.27 1.81 -4.02	42.78 2.43 0.00	48.44 2.93 0.00	48.28 2.56 0.00	50.50 2.57 0.00	108.76 5.53 0.00	86.03 3.44 0.00	54.98 1.81 0.00	56.79 1.46 0.00	56.08 1.66 0.00	52.29 1.64 0.00	44.25 1.87 0.00
HOLTSVILLE_IC_2 23691	37.03 1.08 0.00	32.34 1.14 0.00	29.36 1.15 0.00	28.31 1.01 0.00	29.09 1.40 0.00	34.30 1.36 0.00	49.21 1.80 0.00	47.64 2.45 0.00	45.97 2.62 0.00	59.09 1.75 -18.13	60.58 1.56 -21.65	44.71 1.51 -6.23	44.08 1.62 -4.02	42.55 2.20 0.00	48.13 2.63 0.00	47.94 2.22 0.00	50.13 2.20 0.00	108.00 4.76 0.00	85.49 2.89 0.00	54.66 1.49 0.00	56.43 1.10 0.00	55.71 1.30 0.00	51.98 1.33 0.00	44.02 1.64 0.00
HOLTSVILLE_IC_3 23692	37.03 1.08 0.00	32.34 1.14 0.00	29.36 1.15 0.00	28.31 1.01 0.00	29.09 1.40 0.00	34.30 1.36 0.00	49.21 1.80 0.00	47.64 2.45 0.00	45.97 2.62 0.00	59.09 1.75 -18.13	60.58 1.56 -21.65	44.71 1.51 -6.23	44.08 1.62 -4.02	42.55 2.20 0.00	48.13 2.63 0.00	47.94 2.22 0.00	50.13 2.20 0.00	108.00 4.76 0.00	85.49 2.89 0.00	54.66 1.49 0.00	56.43 1.10 0.00	55.71 1.30 0.00	51.98 1.33 0.00	44.02 1.64 0.00
HOLTSVILLE_IC_4 23693	37.03 1.08 0.00	32.34 1.14 0.00	29.36 1.15 0.00	28.31 1.01 0.00	29.09 1.40 0.00	34.30 1.36 0.00	49.21 1.80 0.00	47.64 2.45 0.00	45.97 2.62 0.00	59.09 1.75 -18.13	60.58 1.56 -21.65	44.71 1.51 -6.23	44.08 1.62 -4.02	42.55 2.20 0.00	48.13 2.63 0.00	47.94 2.22 0.00	50.13 2.20 0.00	108.00 4.76 0.00	85.49 2.89 0.00	54.66 1.49 0.00	56.43 1.10 0.00	55.71 1.30 0.00	51.98 1.33 0.00	44.02 1.64 0.00
HOLTSVILLE_IC_5 23694	37.03 1.08 0.00	32.34 1.14 0.00	29.36 1.15 0.00	28.31 1.01 0.00	29.09 1.40 0.00	34.30 1.36 0.00																		

HQ_GEN_CEDARS_PROXY 323590	36.31 0.36 0.00	31.53 0.32 0.00	28.43 0.21 0.00	27.53 0.23 0.00	27.94 0.25 0.00	33.24 0.31 0.00	47.75 0.35 0.00	45.52 0.32 0.00	43.81 0.47 0.00	39.83 0.61 0.00	38.06 0.70 0.00	37.61 0.65 0.00	38.98 0.55 0.00	40.59 0.24 0.00	45.53 0.02 0.00	45.48 -0.23 0.00	47.51 -0.42 0.00	101.84 -1.40 0.00	81.55 -1.05 0.00	52.98 -0.19 0.00	54.70 0.29 0.92	54.80 0.38 0.00	51.12 0.47 0.00	42.81 0.43 0.00
HQ_GEN_CHPE_PROXY 323851	37.03 1.08 0.00	32.07 0.87 0.00	29.05 0.83 0.00	28.09 0.79 0.00	28.47 0.78 0.00	33.78 0.85 0.00	48.82 1.42 0.00	48.90 1.87 -1.84	45.42 2.07 0.00	59.43 1.88 -18.33	61.07 1.81 -21.90	47.49 1.93 -8.60	48.50 2.00 -8.07	49.56 2.39 -6.81	48.08 2.58 0.00	47.62 2.29 0.38	52.13 2.26 -1.93	108.77 5.53 0.00	86.88 4.29 0.00	55.12 1.95 0.00	56.55 1.23 0.00	55.45 1.04 0.00	52.02 1.38 0.00	43.98 1.60 0.00
HQ_GEN_IMPORT 323601	36.14 0.19 0.00	31.37 0.17 0.00	28.33 0.11 0.00	27.42 0.12 0.00	27.82 0.13 0.00	33.08 0.15 0.00	47.61 0.20 0.00	45.38 0.19 0.00	43.57 0.22 0.00	39.50 0.28 0.00	37.67 0.31 0.00	37.26 0.29 0.00	38.70 0.27 0.00	40.51 0.16 0.00	45.66 0.15 0.00	45.79 0.08 0.00	49.90 0.03 -1.94	102.73 -0.51 0.00	82.01 -0.59 0.00	53.05 -0.12 0.00	55.55 0.22 0.00	54.68 0.26 0.00	50.90 0.25 0.00	42.58 0.20 0.00
HQ_GEN_WHEEL 23651	36.14 0.19 0.00	31.37 0.17 0.00	28.33 0.11 0.00	27.42 0.12 0.00	27.82 0.13 0.00	33.08 0.15 0.00	47.61 0.20 0.00	45.38 0.19 0.00	43.57 0.22 0.00	39.50 0.28 0.00	37.67 0.31 0.00	37.26 0.29 0.00	38.70 0.27 0.00	40.51 0.16 0.00	45.66 0.15 0.00	45.79 0.08 0.00	49.90 0.03 -1.94	102.73 -0.51 0.00	82.01 -0.59 0.00	53.05 -0.12 0.00	55.55 0.22 0.00	54.68 0.26 0.00	50.90 0.25 0.00	42.58 0.20 0.00
HUDSON AVE_GT_3 23810	37.12 1.18 0.00	32.15 0.95 0.00	29.12 0.91 0.00	28.15 0.85 0.00	28.53 0.83 0.00	33.85 0.92 0.00	48.94 1.53 0.00	47.19 2.00 0.00	45.54 2.19 0.00	59.55 2.00 -18.33	61.19 1.92 -21.90	47.65 2.06 -8.61	48.67 2.14 -8.10	49.75 2.53 -6.87	48.28 2.78 0.00	48.24 2.52 0.00	50.44 2.51 0.00	109.29 6.06 0.00	87.30 4.71 0.00	55.38 2.21 0.00	56.81 1.48 0.00	55.69 1.27 0.00	52.21 1.56 0.00	44.09 1.71 0.00
HUDSON AVE_GT_4 23540	37.12 1.18 0.00	32.15 0.95 0.00	29.12 0.91 0.00	28.15 0.85 0.00	28.53 0.83 0.00	33.85 0.92 0.00	48.94 1.53 0.00	47.19 2.00 0.00	45.54 2.19 0.00	59.55 2.00 -18.33	61.19 1.92 -21.90	47.65 2.06 -8.61	48.67 2.14 -8.10	49.75 2.53 -6.87	48.28 2.78 0.00	48.24 2.52 0.00	50.44 2.51 0.00	109.29 6.06 0.00	87.30 4.71 0.00	55.38 2.21 0.00	56.81 1.48 0.00	55.69 1.27 0.00	52.21 1.56 0.00	44.09 1.71 0.00
HUDSON AVE_GT_5 23657	37.12 1.18 0.00	32.15 0.95 0.00	29.12 0.91 0.00	28.15 0.85 0.00	28.53 0.83 0.00	33.85 0.92 0.00	48.94 1.53 0.00	47.19 2.00 0.00	45.54 2.19 0.00	59.55 2.00 -18.33	61.19 1.92 -21.90	47.65 2.06 -8.61	48.67 2.14 -8.10	49.75 2.53 -6.87	48.28 2.78 0.00	48.24 2.52 0.00	50.44 2.51 0.00	109.29 6.06 0.00	87.30 4.71 0.00	55.38 2.21 0.00	56.81 1.48 0.00	55.69 1.27 0.00	52.21 1.56 0.00	44.09 1.71 0.00
HUDSON_AVE_10 24168	36.96 1.01 0.00	31.97 0.78 0.01	28.95 0.74 0.01	28.00 0.70 0.00	28.39 0.70 0.00	33.70 0.77 0.00	48.71 1.31 0.00	46.98 1.79 0.00	45.36 2.02 0.00	59.40 1.84 -18.33	61.03 1.77 -21.90	47.51 1.93 -8.61	48.52 1.99 -8.10	49.59 2.37 -6.87	48.11 2.61 0.00	48.08 2.37 0.00	50.27 2.34 0.00	108.92 5.68 0.00	87.01 4.42 0.00	55.16 1.99 0.00	56.59 1.27 0.00	55.47 1.05 0.00	52.03 1.38 0.00	43.96 1.58 0.00
HUDSON___115KV_TB 4 355613	36.99 1.05 0.00	32.18 0.97 0.00	29.12 0.90 0.00	28.15 0.85 0.00	28.56 0.87 0.00	33.97 1.04 0.00	49.02 1.61 0.00	46.75 1.56 0.00	44.61 1.26 0.00	40.08 0.86 0.00	38.05 0.69 0.00	37.54 0.57 0.00	39.05 0.62 0.00	41.00 0.65 0.00	46.17 0.66 0.00	46.60 0.88 0.00	49.02 1.08 0.00	107.19 3.95 0.00	85.99 3.40 0.00	55.39 2.22 0.00	57.44 2.11 0.00	56.47 2.05 0.00	52.52 1.86 0.00	43.80 1.42 0.00
HUNTER MOUNT___DRP 323613	37.14 1.19 0.00	32.29 1.09 0.00	29.21 1.00 0.00	28.25 0.96 0.00	28.66 0.97 0.00	34.10 1.17 0.00	49.24 1.83 0.00	46.97 1.78 0.00	44.81 1.46 0.00	40.23 1.01 0.00	38.16 0.80 0.00	37.63 0.66 0.00	39.14 0.71 0.00	41.10 0.74 0.00	46.27 0.76 0.00	46.79 1.08 0.00	49.25 1.31 0.00	107.90 4.66 0.00	86.51 3.92 0.00	55.70 2.53 0.00	57.78 2.46 0.00	56.78 2.37 0.00	52.77 2.12 0.00	43.97 1.59 0.00
HUNTINGTON_RES_REC 323705	37.19 1.24 0.00	32.43 1.23 0.00	29.39 1.18 0.00	28.36 1.06 0.00	29.08 1.39 0.00	34.30 1.36 0.00	49.33 1.92 0.00	47.72 2.53 0.00	46.03 2.68 0.00	59.20 1.86 -18.13	60.79 1.77 -21.65	44.96 1.76 -6.23	44.35 1.90 -4.02	42.90 2.54 0.00	48.57 3.07 0.00	48.39 2.68 0.00	50.63 2.70 0.00	109.06 5.82 0.00	86.31 3.71 0.00	55.15 1.98 0.00	56.93 1.60 0.00	56.16 1.74 0.00	52.36 1.71 0.00	44.29 1.91 0.00
HUNTLEY___63 23557	35.08 -0.87 0.00	30.09 -1.11 0.00	27.18 -1.03 0.00	26.33 -0.97 0.00	26.63 -1.06 0.00	31.98 -0.96 0.00	45.90 -1.51 0.00	43.58 -1.61 0.00	42.21 -1.14 0.00	38.68 -0.54 0.00	36.92 -0.44 0.00	36.80 -0.17 0.00	38.29 -0.15 0.00	40.43 0.07 0.00	45.91 0.41 0.00	45.75 0.04 0.00	47.72 -0.21 0.00	101.34 -1.90 0.00	81.52 -1.07 0.00	52.38 -0.79 0.00	53.84 -1.49 0.00	52.46 -1.95 0.00	48.65 -2.00 0.00	40.78 -1.59 0.00
HUNTLEY___64 23558	35.08 -0.87 0.00	30.09 -1.11 0.00	27.18 -1.03 0.00	26.33 -0.97 0.00	26.63 -1.06 0.00	31.98 -0.96 0.00	45.90 -1.51 0.00	43.58 -1.61 0.00	42.21 -1.14 0.00	38.68 -0.54 0.00	36.92 -0.44 0.00	36.80 -0.17 0.00	38.29 -0.15 0.00	40.43 0.07 0.00	45.91 0.41 0.00	45.75 0.04 0.00	47.72 -0.21 0.00	101.34 -1.90 0.00	81.52 -1.07 0.00	52.38 -0.79 0.00	53.84 -1.49 0.00	52.46 -1.95 0.00	48.65 -2.00 0.00	40.78 -1.59 0.00
HUNTLEY___65 23559	35.08 -0.87 0.00	30.09 -1.11 0.00	27.18 -1.03 0.00	26.33 -0.97 0.00	26.63 -1.06 0.00	31.98 -0.96 0.00	45.90 -1.51 0.00	43.58 -1.61 0.00	42.21 -1.14 0.00	38.68 -0.54 0.00	36.92 -0.44 0.00	36.80 -0.17 0.00	38.29 -0.15 0.00	40.43 0.07 0.00	45.91 0.41 0.00	45.75 0.04 0.00	47.72 -0.21 0.00	101.34 -1.90 0.00	81.52 -1.07 0.00	52.38 -0.79 0.00	53.84 -1.49 0.00	52.46 -1.95 0.00	48.65 -2.00 0.00	40.78 -1.59 0.00
HUNTLEY___66 23560	35.08 -0.87 0.00	30.09 -1.11 0.00	27.18 -1.03 0.00	26.33 -0.97 0.00	26.63 -1.06 0.00	31.98 -0.96 0.00	45.90 -1.51 0.00	43.58 -1.61 0.00	42.21 -1.14 0.00	38.68 -0.54 0.00	36.92 -0.44 0.00	36.80 -0.17 0.00	38.29 -0.15 0.00	40.43 0.07 0.00	45.91 0.41 0.00	45.75 0.04 0.00	47.72 -0.21 0.00	101.34 -1.90 0.00	81.52 -1.07 0.00	52.38 -0.79 0.00	53.84 -1.49 0.00	52.46 -1.95 0.00	48.65 -2.00 0.00	40.78 -1.59 0.00

HUNTLEY___67 23561	34.87 -1.08 0.00	29.95 -1.25 0.00	27.07 -1.14 0.00	26.22 -1.08 0.00	26.53 -1.17 0.00	31.82 -1.11 0.00	45.69 -1.72 0.00	43.45 -1.74 0.00	42.07 -1.28 0.00	38.57 -0.65 0.00	36.79 -0.57 0.00	36.64 -0.33 0.00	38.15 -0.28 0.00	40.25 -0.10 0.00	45.67 0.17 0.00	45.57 -0.14 0.00	47.56 -0.38 0.00	101.04 -2.20 0.00	81.21 -1.39 0.00	52.17 -1.00 0.00	53.64 -1.69 0.00	52.32 -2.09 0.00	48.35 -2.30 0.00	40.47 -1.91 0.00
HUNTLEY___68 23562	34.87 -1.08 0.00	29.95 -1.25 0.00	27.07 -1.14 0.00	26.22 -1.08 0.00	26.53 -1.17 0.00	31.82 -1.11 0.00	45.69 -1.72 0.00	43.45 -1.74 0.00	42.07 -1.28 0.00	38.57 -0.65 0.00	36.79 -0.57 0.00	36.64 -0.33 0.00	38.15 -0.28 0.00	40.25 -0.10 0.00	45.67 0.17 0.00	45.57 -0.14 0.00	47.56 -0.38 0.00	101.04 -2.20 0.00	81.21 -1.39 0.00	52.17 -1.00 0.00	53.64 -1.69 0.00	52.32 -2.09 0.00	48.35 -2.30 0.00	40.47 -1.91 0.00
HYLAND___LFG 323620	37.06 1.11 0.00	31.84 0.64 0.00	28.81 0.59 0.00	27.87 0.57 0.00	28.26 0.57 0.00	33.91 0.97 0.00	47.82 0.41 0.00	44.73 -0.46 0.00	41.58 -1.77 0.00	35.62 -3.60 0.00	33.85 -3.51 0.00	33.67 -3.30 0.00	35.50 -2.94 0.00	40.26 -0.10 0.00	46.09 0.59 0.00	46.26 0.55 0.00	48.55 0.61 0.00	104.54 1.30 0.00	87.09 4.49 0.00	56.76 3.59 0.00	58.47 3.14 0.00	56.74 2.33 0.00	52.16 1.51 0.00	43.31 0.93 0.00
INDECK___CORINTH 23802	36.95 1.00 0.00	32.14 0.94 0.00	29.09 0.87 0.00	28.12 0.82 0.00	28.56 0.87 0.00	34.03 1.10 0.00	49.12 1.71 0.00	46.57 1.37 0.00	44.39 1.04 0.00	39.81 0.60 0.00	37.62 0.25 0.00	37.01 0.04 0.00	38.35 -0.08 0.00	40.29 -0.07 0.00	45.45 -0.05 0.00	46.12 0.41 0.00	48.84 0.91 0.00	106.60 3.36 0.00	85.98 3.38 0.00	55.34 2.17 0.00	57.41 2.08 0.00	56.47 2.06 0.00	52.61 1.96 0.00	43.64 1.26 0.00
INDECK___ILION 23567	36.27 0.32 0.00	31.52 0.31 0.00	28.52 0.31 0.00	27.56 0.26 0.00	27.97 0.28 0.00	33.30 0.37 0.00	48.03 0.62 0.00	45.69 0.50 0.00	43.42 0.07 0.00	39.05 -0.17 0.00	37.10 -0.27 0.00	36.57 -0.40 0.00	38.07 -0.36 0.00	40.02 -0.33 0.00	45.16 -0.34 0.00	45.61 -0.11 0.00	48.05 0.12 0.00	104.57 1.33 0.00	84.07 1.47 0.00	54.03 0.86 0.00	56.09 0.76 0.00	55.29 0.87 0.00	51.41 0.75 0.00	42.87 0.49 0.00
INDECK___OLEAN 23982	35.37 -0.58 0.00	30.56 -0.64 0.00	27.74 -0.47 0.00	26.79 -0.51 0.00	27.25 -0.44 0.00	32.56 -0.37 0.00	47.03 -0.37 0.00	45.13 -0.07 0.00	43.33 -0.02 0.00	39.44 0.22 0.00	37.44 0.07 0.00	37.17 0.20 0.00	38.29 -0.14 0.00	40.72 0.36 0.00	45.88 0.37 0.00	45.60 -0.11 0.00	47.84 -0.10 0.00	104.52 1.28 0.00	84.47 1.87 0.00	53.20 0.04 0.00	54.43 -0.89 0.00	53.05 -1.37 0.00	49.27 -1.37 0.00	41.43 -0.95 0.00
INDECK___OSWEGO 23783	35.10 -0.85 0.00	30.43 -0.78 0.00	27.51 -0.70 0.00	26.62 -0.68 0.00	26.99 -0.70 0.00	32.14 -0.79 0.00	46.25 -1.15 0.00	43.94 -1.25 0.00	41.99 -1.35 0.00	37.94 -1.28 0.00	36.12 -1.24 0.00	35.78 -1.19 0.00	37.26 -1.17 0.00	39.19 -1.16 0.00	44.20 -1.30 0.00	44.46 -1.25 0.00	46.68 -1.26 0.00	100.82 -2.42 0.00	81.07 -1.53 0.00	52.09 -1.08 0.00	54.00 -1.33 0.00	53.01 -1.40 0.00	49.23 -1.42 0.00	41.20 -1.18 0.00
INDECK___YERKES 23781	35.11 -0.84 0.00	30.11 -1.09 0.00	27.20 -1.02 0.00	26.35 -0.95 0.00	26.66 -1.04 0.00	32.00 -0.93 0.00	45.93 -1.48 0.00	43.62 -1.58 0.00	42.24 -1.11 0.00	38.72 -0.50 0.00	36.96 -0.41 0.00	36.83 -0.14 0.00	38.32 -0.11 0.00	40.45 0.10 0.00	45.97 0.47 0.00	45.80 0.08 0.00	47.76 -0.17 0.00	101.45 -1.80 0.00	81.61 -0.99 0.00	52.43 -0.74 0.00	53.90 -1.43 0.00	52.50 -1.91 0.00	48.68 -1.97 0.00	40.83 -1.55 0.00
INDIAN POINT_GT_1 24139	36.76 0.82 0.00	31.86 0.66 0.00	28.85 0.64 0.00	27.88 0.58 0.00	28.29 0.60 0.00	33.59 0.65 0.00	48.53 1.12 0.00	46.69 1.50 0.00	44.95 1.60 0.00	62.05 1.43 -21.40	64.31 1.38 -25.56	45.78 1.46 -7.36	44.70 1.52 -4.75	42.25 1.89 0.00	47.63 2.13 0.00	47.72 2.01 0.00	50.00 2.06 0.00	108.49 5.25 0.00	86.74 4.15 0.00	55.11 1.94 0.00	56.58 1.26 0.00	55.49 1.08 0.00	51.84 1.19 0.00	43.64 1.26 0.00
INDIAN POINT_GT_2 23659	36.76 0.82 0.00	31.86 0.66 0.00	28.85 0.64 0.00	27.88 0.58 0.00	28.29 0.60 0.00	33.59 0.65 0.00	48.53 1.12 0.00	46.69 1.50 0.00	44.95 1.60 0.00	62.05 1.43 -21.40	64.31 1.38 -25.56	45.78 1.46 -7.36	44.70 1.52 -4.75	42.25 1.89 0.00	47.63 2.13 0.00	47.72 2.01 0.00	50.00 2.06 0.00	108.49 5.25 0.00	86.74 4.15 0.00	55.11 1.94 0.00	56.58 1.26 0.00	55.49 1.08 0.00	51.84 1.19 0.00	43.64 1.26 0.00
INDIAN POINT_GT_3 24019	36.76 0.82 0.00	31.86 0.66 0.00	28.85 0.64 0.00	27.88 0.58 0.00	28.29 0.60 0.00	33.59 0.65 0.00	48.53 1.12 0.00	46.69 1.50 0.00	44.95 1.60 0.00	62.05 1.43 -21.40	64.31 1.38 -25.56	45.78 1.46 -7.36	44.70 1.52 -4.75	42.25 1.89 0.00	47.63 2.13 0.00	47.72 2.01 0.00	50.00 2.06 0.00	108.49 5.25 0.00	86.74 4.15 0.00	55.11 1.94 0.00	56.58 1.26 0.00	55.49 1.08 0.00	51.84 1.19 0.00	43.64 1.26 0.00
INDIAN POINT___2 23530	36.73 0.78 0.00	31.83 0.62 0.00	28.82 0.60 0.00	27.85 0.56 0.00	28.26 0.57 0.00	33.55 0.62 0.00	48.48 1.07 0.00	46.63 1.43 0.00	44.90 1.55 0.00	70.33 1.37 -29.73	74.21 1.34 -35.51	48.61 1.42 -10.22	46.52 1.49 -6.60	42.21 1.85 0.00	47.61 2.10 0.00	47.71 2.00 0.00	49.96 2.03 0.00	108.44 5.20 0.00	86.72 4.13 0.00	55.07 1.90 0.00	56.53 1.20 0.00	55.44 1.02 0.00	51.79 1.14 0.00	43.60 1.23 0.00
INDIAN POINT___3 23531	36.74 0.79 0.00	31.85 0.64 0.00	28.83 0.61 0.00	27.88 0.57 0.00	28.29 0.59 0.00	33.57 0.64 0.00	48.50 1.10 0.00	46.65 1.46 0.00	44.91 1.57 0.00	62.06 1.39 -21.45	64.34 1.36 -25.62	45.78 1.44 -7.37	44.70 1.51 -4.76	42.21 1.85 0.00	47.61 2.10 0.00	47.71 1.99 0.00	49.96 2.02 0.00	108.43 5.20 0.00	86.72 4.12 0.00	55.08 1.91 0.00	56.55 1.22 0.00	55.47 1.06 0.00	51.80 1.15 0.00	43.62 1.24 0.00
INDIANHD_69_KV_BK1 55831	37.23 1.29 0.00	32.47 1.27 0.00	29.45 1.23 0.00	28.41 1.10 0.00	29.15 1.46 0.00	34.37 1.44 0.00	49.42 2.01 0.00	47.83 2.63 0.00	46.14 2.79 0.00	59.25 1.90 -18.13	60.83 1.81 -21.65	45.00 1.80 -6.23	44.40 1.95 -4.02	42.96 2.61 0.00	48.66 3.16 0.00	48.48 2.77 0.00	50.74 2.80 0.00	109.23 5.99 0.00	86.40 3.80 0.00	55.21 2.04 0.00	57.01 1.68 0.00	56.25 1.84 0.00	52.46 1.82 0.00	44.36 1.98 0.00
INGHAM_C_115KV_TB7 356103	36.58 0.63 0.00	31.82 0.61 0.00	28.82 0.61 0.00	27.83 0.53 0.00	28.26 0.57 0.00	33.69 0.76 0.00	48.65 1.25 0.00	46.17 0.97 0.00	43.32 -0.02 0.00	38.69 -0.53 0.00	36.61 -0.75 0.00	35.91 -1.06 0.00	37.47 -0.96 0.00	39.37 -0.98 0.00	44.42 -1.08 0.00	45.20 -0.51 0.00	47.87 -0.07 0.00	105.33 2.09 0.00	85.15 2.55 0.00	54.69 1.52 0.00	56.80 1.47 0.00	56.14 1.72 0.00	52.15 1.50 0.00	43.35 0.97 0.00

IP CORINTH___1 23988	37.15 1.20 0.00	32.31 1.11 0.00	29.24 1.02 0.00	28.26 0.97 0.00	28.71 1.02 0.00	34.22 1.29 0.00	49.40 2.00 0.00	46.83 1.64 0.00	44.64 1.29 0.00	40.04 0.82 0.00	37.82 0.46 0.00	37.22 0.25 0.00	38.58 0.15 0.00	40.53 0.18 0.00	45.72 0.22 0.00	46.38 0.67 0.00	49.11 1.18 0.00	107.22 3.98 0.00	86.45 3.85 0.00	55.65 2.48 0.00	57.72 2.39 0.00	56.79 2.38 0.00	52.89 2.24 0.00	43.89 1.51 0.00
IP___TICONDEROGA 23804	39.16 3.21 0.00	33.91 2.71 0.00	30.78 2.57 0.00	29.70 2.39 0.00	30.28 2.59 0.00	36.14 3.21 0.00	52.32 4.91 0.00	49.60 4.40 0.00	47.30 3.95 0.00	42.11 2.89 0.00	39.48 2.12 0.00	38.41 1.44 0.00	39.56 1.13 0.00	41.36 1.01 0.00	46.96 1.46 0.00	47.91 2.20 0.00	51.29 3.36 0.00	113.08 9.84 0.00	92.21 9.61 0.00	59.62 6.45 0.00	61.39 6.06 0.00	60.62 6.20 0.00	56.32 5.67 0.00	46.19 3.81 0.00
ISLIP_RES_REC 323679	37.28 1.33 0.00	32.55 1.35 0.00	29.56 1.34 0.00	28.48 1.19 0.00	29.29 1.60 0.00	34.55 1.62 0.00	49.61 2.20 0.00	48.06 2.87 0.00	46.41 3.06 0.00	59.43 2.08 -18.13	60.90 1.89 -21.65	45.07 1.87 -6.23	44.47 2.01 -4.02	43.02 2.66 0.00	48.73 3.22 0.00	48.59 2.87 0.00	50.85 2.92 0.00	109.53 6.30 0.00	86.59 4.00 0.00	55.34 2.17 0.00	57.14 1.81 0.00	56.40 1.99 0.00	52.56 1.91 0.00	44.45 2.07 0.00
JAMAICA__27_KV_LOAD 355505	37.27 1.33 0.00	32.22 1.03 0.01	29.19 0.99 0.01	28.24 0.94 0.00	28.50 0.81 0.00	33.76 0.83 0.00	48.70 1.30 0.00	47.00 1.81 0.00	45.45 2.10 0.00	59.60 2.05 -18.33	61.04 1.78 -21.90	47.70 2.12 -8.61	48.63 2.10 -8.10	49.63 2.41 -6.87	48.19 2.69 0.00	48.24 2.53 0.00	50.47 2.54 0.00	109.17 5.93 0.00	87.27 4.67 0.00	55.26 2.10 0.00	56.70 1.37 0.00	55.63 1.21 0.00	52.35 1.70 0.00	44.26 1.88 0.00
JANIS___SOLAR 323808	37.02 1.07 0.00	31.99 0.79 0.00	28.94 0.73 0.00	28.01 0.70 0.00	28.43 0.73 0.00	33.95 1.01 0.00	49.15 1.74 0.00	46.80 1.61 0.00	44.59 1.24 0.00	39.59 0.37 0.00	37.28 -0.08 0.00	36.83 -0.14 0.00	38.31 -0.12 0.00	40.57 0.21 0.00	45.92 0.42 0.00	46.21 0.50 0.00	48.84 0.91 0.00	107.07 3.83 0.00	87.37 4.78 0.00	56.55 3.38 0.00	58.26 2.93 0.00	56.98 2.57 0.00	52.65 2.00 0.00	43.87 1.49 0.00
JARVIS____ 23743	35.99 0.04 0.00	31.25 0.05 0.00	28.27 0.06 0.00	27.36 0.05 0.00	27.75 0.06 0.00	33.00 0.07 0.00	47.50 0.09 0.00	45.29 0.09 0.00	43.38 0.03 0.00	39.20 -0.02 0.00	37.32 -0.05 0.00	36.91 -0.06 0.00	38.37 -0.06 0.00	40.33 -0.02 0.00	45.50 0.00 0.00	45.75 0.04 0.00	48.03 0.09 0.00	103.66 0.42 0.00	83.01 0.41 0.00	53.39 0.22 0.00	55.46 0.13 0.00	54.55 0.13 0.00	50.77 0.12 0.00	42.47 0.09 0.00
JENNISON___1 23625	37.09 1.14 0.00	32.07 0.87 0.00	29.04 0.83 0.00	28.08 0.78 0.00	28.51 0.82 0.00	34.00 1.07 0.00	49.21 1.80 0.00	46.88 1.69 0.00	44.81 1.47 0.00	40.18 0.96 0.00	38.03 0.67 0.00	37.60 0.63 0.00	39.10 0.67 0.00	41.40 1.05 0.00	46.84 1.33 0.00	47.10 1.39 0.00	49.50 1.56 0.00	108.25 5.01 0.00	87.57 4.98 0.00	56.44 3.27 0.00	58.11 2.78 0.00	56.91 2.50 0.00	52.61 1.96 0.00	43.86 1.48 0.00
JENNISON___2 23626	37.09 1.14 0.00	32.07 0.87 0.00	29.04 0.83 0.00	28.08 0.78 0.00	28.51 0.82 0.00	34.00 1.07 0.00	49.21 1.80 0.00	46.88 1.69 0.00	44.81 1.47 0.00	40.18 0.96 0.00	38.03 0.67 0.00	37.60 0.63 0.00	39.10 0.67 0.00	41.40 1.05 0.00	46.84 1.33 0.00	47.10 1.39 0.00	49.50 1.56 0.00	108.25 5.01 0.00	87.57 4.98 0.00	56.44 3.27 0.00	58.11 2.78 0.00	56.91 2.50 0.00	52.61 1.96 0.00	43.86 1.48 0.00
JERICHO_RISE_WT_PWR 323719	35.97 0.02 0.00	31.24 0.03 0.00	28.19 -0.02 0.00	27.28 -0.02 0.00	27.70 0.02 0.00	33.03 0.09 0.00	47.60 0.19 0.00	45.38 0.18 0.00	43.62 0.27 0.00	39.61 0.39 0.00	37.79 0.43 0.00	37.36 0.40 0.00	38.81 0.37 0.00	40.49 0.14 0.00	45.56 0.06 0.00	45.62 -0.10 0.00	47.76 -0.18 0.00	102.47 -0.77 0.00	82.01 -0.59 0.00	53.11 -0.06 0.00	55.58 0.25 0.00	54.66 0.25 0.00	50.93 0.28 0.00	42.49 0.11 0.00
KATONAH__115KV_46KV_TB4 355592	36.94 0.99 0.00	32.00 0.80 0.00	28.97 0.76 0.00	28.03 0.73 0.00	28.44 0.75 0.00	33.77 0.83 0.00	48.80 1.39 0.00	46.92 1.73 0.00	45.17 1.82 0.00	53.28 1.64 -12.42	53.81 1.60 -14.85	42.90 1.66 -4.27	42.90 1.71 -2.76	42.40 2.05 0.00	47.82 2.31 0.00	47.93 2.21 0.00	50.19 2.26 0.00	108.88 5.64 0.00	87.12 4.53 0.00	55.38 2.21 0.00	56.91 1.58 0.00	55.81 1.39 0.00	52.09 1.44 0.00	43.82 1.44 0.00
KCE_NY_1 323755	37.28 1.33 0.00	32.40 1.20 0.00	29.30 1.09 0.00	28.34 1.04 0.00	28.77 1.08 0.00	34.32 1.39 0.00	49.49 2.08 0.00	47.03 1.83 0.00	44.90 1.56 0.00	40.40 1.18 0.00	38.31 0.95 0.00	37.73 0.76 0.00	39.21 0.78 0.00	41.28 0.93 0.00	46.50 1.00 0.00	46.95 1.24 0.00	49.59 1.66 0.00	107.97 4.73 0.00	86.74 4.14 0.00	55.82 2.65 0.00	57.86 2.53 0.00	56.85 2.43 0.00	53.00 2.35 0.00	44.07 1.69 0.00
KCE_NY_6_ESR 323823	35.23 -0.71 0.00	30.24 -0.96 0.00	27.34 -0.88 0.00	26.48 -0.83 0.00	26.77 -0.92 0.00	32.15 -0.78 0.00	46.20 -1.20 0.00	43.96 -1.23 0.00	42.52 -0.82 0.00	38.98 -0.24 0.00	37.18 -0.18 0.00	37.02 0.06 0.00	38.56 0.13 0.00	40.69 0.34 0.00	46.25 0.75 0.00	46.22 0.50 0.00	48.24 0.30 0.00	102.82 -0.42 0.00	82.62 0.03 0.00	53.07 -0.10 0.00	54.54 -0.79 0.00	53.12 -1.30 0.00	48.96 -1.69 0.00	40.93 -1.45 0.00
KEDC_PORT_JEFF_GT2 24210	37.10 1.15 0.00	32.41 1.20 0.00	29.41 1.20 0.00	28.36 1.05 0.00	29.16 1.46 0.00	34.37 1.44 0.00	49.33 1.92 0.00	47.77 2.58 0.00	46.08 2.73 0.00	58.97 1.62 -18.13	60.65 1.63 -21.65	44.81 1.61 -6.23	44.20 1.75 -4.02	42.72 2.36 0.00	48.35 2.85 0.00	48.17 2.45 0.00	50.34 2.40 0.00	107.99 4.76 0.00	85.19 2.59 0.00	54.44 1.27 0.00	56.37 1.04 0.00	55.89 1.48 0.00	52.18 1.53 0.00	44.16 1.78 0.00
KEDC_PORT_JEFF_GT3 24211	37.10 1.15 0.00	32.41 1.20 0.00	29.41 1.20 0.00	28.36 1.05 0.00	29.16 1.46 0.00	34.37 1.44 0.00	49.33 1.92 0.00	47.77 2.58 0.00	46.08 2.73 0.00	58.97 1.62 -18.13	60.65 1.63 -21.65	44.81 1.61 -6.23	44.20 1.75 -4.02	42.72 2.36 0.00	48.35 2.85 0.00	48.17 2.45 0.00	50.34 2.40 0.00	107.99 4.76 0.00	85.19 2.59 0.00	54.44 1.27 0.00	56.37 1.04 0.00	55.89 1.48 0.00	52.18 1.53 0.00	44.16 1.78 0.00
KEDC_GLWD_GT4 24219	37.17 1.23 0.00	32.26 1.05 0.00	29.21 0.99 0.00	28.21 0.91 0.00	28.70 1.01 0.00	34.01 1.08 0.00	49.08 1.68 0.00	47.31 2.11 0.00	45.59 2.24 0.00	59.26 1.91 -18.13	60.94 1.92 -21.65	45.15 1.95 -6.23	44.53 2.08 -4.02	42.94 2.59 0.00	48.48 2.97 0.00	48.48 2.77 0.00	50.58 2.65 0.00	109.00 5.77 0.00	86.83 4.24 0.00	55.33 2.16 0.00	56.89 1.56 0.00	55.84 1.43 0.00	52.24 1.59 0.00	44.19 1.81 0.00

KEDC_GLWD_GT5 24220	37.17 1.23 0.00	32.26 1.05 0.00	29.21 0.99 0.00	28.21 0.91 0.00	28.70 1.01 0.00	34.01 1.08 0.00	49.08 1.68 0.00	47.31 2.11 0.00	45.59 2.24 0.00	59.26 1.91 -18.13	60.94 1.92 -21.65	45.15 1.95 -6.23	44.53 2.08 -4.02	42.94 2.59 0.00	48.48 2.97 0.00	48.48 2.77 0.00	50.58 2.65 0.00	109.00 5.77 0.00	86.83 4.24 0.00	55.33 2.16 0.00	56.89 1.56 0.00	55.84 1.43 0.00	52.24 1.59 0.00	44.19 1.81 0.00
KENSICO____ 23655	36.87 0.92 0.00	31.96 0.76 0.00	28.94 0.72 0.00	27.97 0.67 0.00	28.38 0.69 0.00	33.69 0.75 0.00	48.67 1.27 0.00	46.84 1.64 0.00	45.12 1.77 0.00	60.28 1.58 -19.47	62.15 1.53 -23.26	45.27 1.61 -6.69	44.43 1.67 -4.32	42.41 2.05 0.00	47.81 2.30 0.00	47.88 2.17 0.00	50.13 2.20 0.00	108.70 5.46 0.00	86.90 4.30 0.00	55.21 2.05 0.00	56.70 1.37 0.00	55.60 1.19 0.00	51.96 1.31 0.00	43.78 1.40 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.92 0.97 0.00	31.99 0.79 0.00	28.94 0.73 0.00	27.98 0.68 0.00	28.39 0.70 0.00	33.73 0.80 0.00	48.79 1.38 0.00	46.91 1.72 0.00	45.09 1.75 0.00	38.93 1.55 1.84	38.54 1.47 0.28	38.35 1.38 0.00	39.87 1.44 0.00	42.15 1.80 0.00	47.66 2.16 0.00	47.91 2.19 0.00	50.31 2.37 0.00	109.31 6.07 0.00	87.69 5.10 0.00	55.79 2.62 0.00	57.32 1.99 0.00	56.16 1.75 0.00	52.28 1.63 0.00	43.87 1.49 0.00
KIAC_JFK_GT1 23816	36.94 1.00 0.00	31.95 0.76 0.01	28.94 0.73 0.01	28.01 0.70 0.00	28.33 0.64 0.00	33.56 0.63 0.00	48.40 1.00 0.00	46.71 1.52 0.00	45.17 1.82 0.00	59.30 1.75 -18.33	60.80 1.54 -21.90	47.47 1.89 -8.61	48.36 1.82 -8.10	49.23 2.01 -6.87	47.74 2.24 0.00	47.78 2.07 0.00	49.98 2.04 0.00	108.04 4.80 0.00	86.39 3.80 0.00	54.69 1.52 0.00	56.10 0.77 0.00	55.04 0.62 0.00	51.83 1.18 0.00	43.83 1.45 0.00
KIAC_JFK_GT2 23817	36.94 1.00 0.00	31.95 0.76 0.01	28.94 0.73 0.01	28.01 0.70 0.00	28.33 0.64 0.00	33.56 0.63 0.00	48.40 1.00 0.00	46.71 1.52 0.00	45.17 1.82 0.00	59.30 1.75 -18.33	60.80 1.54 -21.90	47.47 1.89 -8.61	48.36 1.82 -8.10	49.23 2.01 -6.87	47.74 2.24 0.00	47.78 2.07 0.00	49.98 2.04 0.00	108.04 4.80 0.00	86.39 3.80 0.00	54.69 1.52 0.00	56.10 0.77 0.00	55.04 0.62 0.00	51.83 1.18 0.00	43.83 1.45 0.00
KIAC_JFK____ 323774	36.94 0.99 0.00	31.95 0.75 0.01	28.93 0.72 0.01	28.01 0.70 0.00	28.33 0.64 0.00	33.56 0.63 0.00	48.40 1.00 0.00	46.71 1.52 0.00	45.17 1.82 0.00	59.30 1.75 -18.33	60.80 1.54 -21.90	47.47 1.89 -8.61	48.35 1.82 -8.10	49.23 2.01 -6.87	47.73 2.23 0.00	47.78 2.07 0.00	49.97 2.04 0.00	108.03 4.79 0.00	86.39 3.79 0.00	54.69 1.52 0.00	56.10 0.77 0.00	55.07 0.65 0.00	51.83 1.18 0.00	43.83 1.45 0.00
KINTIGH__24_KV_GSU 356498	34.86 -1.10 0.00	29.99 -1.21 0.00	27.10 -1.12 0.00	26.26 -1.04 0.00	26.57 -1.12 0.00	31.84 -1.09 0.00	45.72 -1.69 0.00	43.48 -1.71 0.00	42.05 -1.30 0.00	38.44 -0.78 0.00	36.68 -0.69 0.00	36.49 -0.48 0.00	37.99 -0.44 0.00	40.06 -0.30 0.00	45.43 -0.07 0.00	45.36 -0.35 0.00	47.40 -0.53 0.00	100.86 -2.38 0.00	81.11 -1.49 0.00	52.11 -1.06 0.00	53.65 -1.68 0.00	52.39 -2.02 0.00	48.49 -2.16 0.00	40.61 -1.78 0.00
KINTIGH____ 23543	34.83 -1.12 0.00	29.97 -1.23 0.00	27.08 -1.13 0.00	26.24 -1.06 0.00	26.56 -1.14 0.00	31.81 -1.12 0.00	45.69 -1.71 0.00	43.45 -1.74 0.00	42.02 -1.33 0.00	38.42 -0.80 0.00	36.64 -0.72 0.00	36.46 -0.51 0.00	37.96 -0.47 0.00	40.03 -0.32 0.00	45.39 -0.11 0.00	45.32 -0.40 0.00	47.37 -0.57 0.00	100.82 -2.42 0.00	81.05 -1.54 0.00	52.06 -1.10 0.00	53.61 -1.72 0.00	52.36 -2.05 0.00	48.45 -2.20 0.00	40.58 -1.80 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	36.43 0.48 0.00	31.63 0.43 0.00	28.57 0.36 0.00	27.63 0.33 0.00	28.06 0.37 0.00	33.48 0.55 0.00	48.30 0.90 0.00	45.97 0.78 0.00	44.21 0.86 0.00	40.15 0.92 0.00	38.27 0.91 0.00	37.81 0.84 0.00	39.24 0.81 0.00	40.91 0.55 0.00	45.99 0.48 0.00	46.05 0.34 0.00	48.32 0.38 0.00	103.87 0.63 0.00	83.40 0.81 0.00	54.01 0.85 0.00	56.45 1.12 0.00	55.46 1.05 0.00	51.65 1.00 0.00	43.02 0.64 0.00
LACHUTE__HYDRO 323717	39.16 3.21 0.00	33.91 2.71 0.00	30.78 2.57 0.00	29.70 2.39 0.00	30.28 2.59 0.00	36.14 3.21 0.00	52.32 4.91 0.00	49.60 4.40 0.00	47.30 3.95 0.00	42.11 2.89 0.00	39.48 2.12 0.00	38.41 1.44 0.00	39.56 1.12 0.00	41.36 1.01 0.00	46.96 1.46 0.00	47.91 2.20 0.00	51.29 3.36 0.00	113.08 9.84 0.00	92.21 9.61 0.00	59.62 6.45 0.00	61.39 6.06 0.00	60.61 6.20 0.00	56.32 5.67 0.00	46.19 3.81 0.00
LAWRNCV_115KV_TB1 80681	36.21 0.27 0.00	31.45 0.24 0.00	28.33 0.12 0.00	27.45 0.14 0.00	27.85 0.16 0.00	33.14 0.21 0.00	47.66 0.25 0.00	45.45 0.25 0.00	43.84 0.49 0.00	39.88 0.66 0.00	38.10 0.74 0.00	37.62 0.66 0.00	38.80 0.37 0.00	40.35 -0.01 0.00	45.05 -0.46 0.00	44.87 -0.84 0.00	46.72 -1.21 0.00	100.26 -2.98 0.00	80.55 -2.04 0.00	52.51 -0.66 0.00	55.31 -0.02 0.00	54.59 0.18 0.00	51.14 0.49 0.00	42.93 0.55 0.00
LEDERLE____ 23769	36.91 0.96 0.00	31.96 0.76 0.00	28.94 0.72 0.00	27.97 0.67 0.00	28.37 0.68 0.00	33.70 0.77 0.00	48.71 1.30 0.00	46.86 1.67 0.00	45.11 1.77 0.00	53.53 1.58 -12.73	54.12 1.54 -15.21	42.98 1.64 -4.38	42.99 1.73 -2.83	42.48 2.12 0.00	47.94 2.44 0.00	48.08 2.36 0.00	50.40 2.47 0.00	109.45 6.22 0.00	87.55 4.96 0.00	55.56 2.39 0.00	56.99 1.66 0.00	55.85 1.44 0.00	52.11 1.46 0.00	43.82 1.44 0.00
LIGHTHSE_115KV_TB6 355974	35.70 -0.24 0.00	30.97 -0.23 0.00	27.94 -0.27 0.00	27.04 -0.26 0.00	27.40 -0.29 0.00	32.63 -0.30 0.00	47.03 -0.38 0.00	44.76 -0.43 0.00	42.89 -0.46 0.00	38.71 -0.50 0.00	36.81 -0.55 0.00	36.45 -0.51 0.00	37.93 -0.50 0.00	39.92 -0.43 0.00	44.93 -0.57 0.00	45.21 -0.50 0.00	47.42 -0.52 0.00	102.63 -0.61 0.00	83.22 0.63 0.00	53.68 0.51 0.00	55.67 0.34 0.00	54.71 0.30 0.00	50.74 0.09 0.00	42.34 -0.04 0.00
LINDEN COGEN____ 23786	36.87 0.93 0.00	31.94 0.73 0.00	28.93 0.72 0.00	27.98 0.68 0.00	28.36 0.66 0.00	33.63 0.70 0.00	48.59 1.18 0.00	46.86 1.66 0.00	45.21 1.86 0.00	59.24 1.68 -18.33	60.88 1.62 -21.90	45.76 1.75 -7.04	-370.57 1.82 410.82	-360.22 2.21 402.78	-57.56 2.39 105.46	47.92 2.21 0.00	50.11 2.17 0.00	108.69 5.45 0.00	86.86 4.27 0.00	55.07 1.91 0.00	56.46 1.13 0.00	55.35 0.94 0.00	51.83 1.18 0.00	43.76 1.38 0.00
LINDHRST_69_KV_BK1 356055	37.47 1.52 0.00	32.59 1.38 0.00	29.53 1.32 0.00	28.48 1.18 0.00	29.14 1.45 0.00	34.41 1.47 0.00	49.56 2.15 0.00	47.89 2.69 0.00	46.14 2.79 0.00	59.50 2.15 -18.13	61.07 2.05 -21.65	45.21 2.01 -6.23	44.60 2.14 -4.02	43.09 2.74 0.00	48.78 3.27 0.00	48.70 2.98 0.00	51.03 3.09 0.00	109.98 6.75 0.00	87.18 4.58 0.00	55.78 2.61 0.00	57.53 2.20 0.00	56.59 2.17 0.00	52.75 2.10 0.00	44.57 2.19 0.00

LIPA_MISC_IPP 23656	36.87 0.92 0.00	32.32 1.11 0.00	29.40 1.19 0.00	28.30 1.00 0.00	29.23 1.54 0.00	34.45 1.52 0.00	49.20 1.80 0.00	47.75 2.55 0.00	46.13 2.78 0.00	59.07 1.73 -18.13	60.39 1.37 -21.65	44.53 1.33 -6.23	43.90 1.45 -4.02	42.39 2.04 0.00	48.02 2.51 0.00	47.86 2.14 0.00	50.06 2.13 0.00	107.99 4.75 0.00	85.43 2.83 0.00	54.60 1.43 0.00	56.34 1.02 0.00	55.61 1.19 0.00	51.87 1.22 0.00	43.89 1.51 0.00
LISF___SOLAR 323691	36.92 0.97 0.00	32.37 1.17 0.00	29.45 1.23 0.00	28.33 1.03 0.00	29.29 1.59 0.00	34.52 1.59 0.00	49.29 1.89 0.00	47.84 2.64 0.00	46.22 2.87 0.00	59.12 1.77 -18.13	60.40 1.38 -21.65	44.54 1.34 -6.23	43.93 1.47 -4.02	42.41 2.06 0.00	48.05 2.55 0.00	47.90 2.18 0.00	50.13 2.20 0.00	108.19 4.95 0.00	85.64 3.05 0.00	54.73 1.56 0.00	56.47 1.15 0.00	55.74 1.32 0.00	51.97 1.32 0.00	43.97 1.59 0.00
LITTLE FALLS___HYD 24013	36.58 0.63 0.00	31.82 0.61 0.00	28.82 0.61 0.00	27.83 0.53 0.00	28.26 0.57 0.00	33.69 0.76 0.00	48.65 1.25 0.00	46.17 0.97 0.00	43.32 -0.02 0.00	38.69 -0.53 0.00	36.61 -0.75 0.00	35.91 -1.06 0.00	37.47 -0.96 0.00	39.37 -0.98 0.00	44.42 -1.08 0.00	45.20 -0.51 0.00	47.87 -0.07 0.00	105.33 2.09 0.00	85.15 2.55 0.00	54.69 1.52 0.00	56.80 1.47 0.00	56.14 1.72 0.00	52.15 1.50 0.00	43.35 0.97 0.00
LITTLRIV_115KV_TB1 356100	36.67 0.72 0.00	31.82 0.61 0.00	28.65 0.44 0.00	27.76 0.46 0.00	28.19 0.50 0.00	33.58 0.65 0.00	48.35 0.94 0.00	46.09 0.89 0.00	44.40 1.05 0.00	40.41 1.19 0.00	38.61 1.25 0.00	38.00 1.03 0.00	39.02 0.59 0.00	40.50 0.14 0.00	45.32 -0.18 0.00	45.05 -0.67 0.00	46.83 -1.11 0.00	100.41 -2.83 0.00	80.95 -1.65 0.00	53.10 -0.07 0.00	56.02 0.69 0.00	55.24 0.82 0.00	51.72 1.07 0.00	43.47 1.09 0.00
LI_NEWBRDGE___DRP 323616	36.89 0.94 0.00	32.08 0.88 0.00	29.08 0.86 0.00	28.07 0.77 0.00	28.65 0.95 0.00	33.86 0.92 0.00	48.78 1.37 0.00	47.06 1.87 0.00	45.34 2.00 0.00	58.89 1.54 -18.13	60.54 1.52 -21.65	44.70 1.50 -6.23	44.06 1.61 -4.02	42.49 2.13 0.00	47.99 2.49 0.00	47.90 2.18 0.00	50.13 2.19 0.00	108.08 4.84 0.00	85.91 3.32 0.00	54.91 1.74 0.00	56.56 1.23 0.00	55.61 1.20 0.00	51.92 1.27 0.00	43.89 1.51 0.00
LOCKPORT_115KV_TB60_63_64 80432	34.75 -1.20 0.00	29.82 -1.38 0.00	26.95 -1.26 0.00	26.13 -1.17 0.00	26.43 -1.26 0.00	31.71 -1.22 0.00	45.49 -1.91 0.00	43.26 -1.93 0.00	41.90 -1.45 0.00	38.34 -0.89 0.00	36.55 -0.81 0.00	36.40 -0.57 0.00	37.86 -0.39 0.00	39.96 -0.39 0.00	45.36 -0.15 0.00	45.26 -0.46 0.00	47.26 -0.67 0.00	100.32 -2.92 0.00	80.82 -1.78 0.00	52.01 -1.16 0.00	53.51 -1.82 0.00	52.17 -2.24 0.00	48.25 -2.40 0.00	40.40 -1.98 0.00
LOCKPORT___CC1 323769	34.75 -1.20 0.00	29.83 -1.37 0.00	26.96 -1.25 0.00	26.14 -1.16 0.00	26.43 -1.26 0.00	31.71 -1.22 0.00	45.49 -1.91 0.00	43.26 -1.94 0.00	41.89 -1.45 0.00	38.37 -0.85 0.00	36.59 -0.77 0.00	36.44 -0.53 0.00	37.90 -0.53 0.00	39.98 -0.37 0.00	45.41 -0.10 0.00	45.28 -0.43 0.00	47.28 -0.65 0.00	100.33 -2.91 0.00	80.81 -1.79 0.00	51.99 -1.18 0.00	53.48 -1.85 0.00	52.14 -2.27 0.00	48.24 -2.41 0.00	40.39 -1.99 0.00
LOCKPORT___CC2 323770	34.75 -1.20 0.00	29.83 -1.37 0.00	26.96 -1.25 0.00	26.14 -1.16 0.00	26.43 -1.26 0.00	31.71 -1.22 0.00	45.49 -1.91 0.00	43.26 -1.94 0.00	41.89 -1.45 0.00	38.37 -0.85 0.00	36.59 -0.77 0.00	36.44 -0.53 0.00	37.90 -0.53 0.00	39.98 -0.37 0.00	45.41 -0.10 0.00	45.28 -0.43 0.00	47.28 -0.65 0.00	100.33 -2.91 0.00	80.81 -1.79 0.00	51.99 -1.18 0.00	53.48 -1.85 0.00	52.14 -2.27 0.00	48.24 -2.41 0.00	40.39 -1.99 0.00
LOCKPORT___CC3 323771	34.75 -1.20 0.00	29.83 -1.37 0.00	26.96 -1.25 0.00	26.14 -1.16 0.00	26.43 -1.26 0.00	31.71 -1.22 0.00	45.49 -1.91 0.00	43.26 -1.94 0.00	41.89 -1.45 0.00	38.37 -0.85 0.00	36.59 -0.77 0.00	36.44 -0.53 0.00	37.90 -0.53 0.00	39.98 -0.37 0.00	45.41 -0.10 0.00	45.28 -0.43 0.00	47.28 -0.65 0.00	100.33 -2.91 0.00	80.81 -1.79 0.00	51.99 -1.18 0.00	53.48 -1.85 0.00	52.14 -2.27 0.00	48.24 -2.41 0.00	40.39 -1.99 0.00
LOCUSVLY_69_KV_BK2 55797	37.27 1.32 0.00	32.35 1.15 0.00	29.30 1.08 0.00	28.28 0.98 0.00	28.84 1.14 0.00	34.11 1.17 0.00	49.19 1.79 0.00	47.46 2.27 0.00	45.75 2.40 0.00	59.35 2.00 -18.13	61.02 2.00 -21.65	45.22 2.02 -6.23	44.62 2.17 -4.02	43.06 2.70 0.00	48.66 3.16 0.00	48.61 2.90 0.00	50.81 2.88 0.00	109.57 6.33 0.00	87.13 4.53 0.00	55.60 2.43 0.00	57.18 1.85 0.00	56.15 1.73 0.00	52.43 1.78 0.00	44.31 1.93 0.00
LONG_LAKE_PHOENIX 24014	35.20 -0.75 0.00	30.50 -0.70 0.00	27.57 -0.64 0.00	26.68 -0.62 0.00	27.06 -0.63 0.00	32.24 -0.70 0.00	46.39 -1.02 0.00	44.07 -1.12 0.00	42.12 -1.23 0.00	38.05 -1.18 0.00	36.21 -1.16 0.00	35.90 -1.07 0.00	37.37 -1.06 0.00	39.34 -1.01 0.00	44.38 -1.12 0.00	44.64 -1.07 0.00	46.91 -1.03 0.00	101.34 -1.90 0.00	81.49 -1.10 0.00	52.34 -0.83 0.00	54.22 -1.11 0.00	53.19 -1.22 0.00	49.37 -1.28 0.00	41.32 -1.06 0.00
LOVETT___3 23632	36.70 0.75 0.00	31.80 0.60 0.00	28.79 0.58 0.00	27.83 0.53 0.00	28.23 0.54 0.00	33.52 0.59 0.00	48.43 1.02 0.00	46.56 1.37 0.00	44.82 1.47 0.00	63.70 1.31 -23.16	66.30 1.27 -27.67	46.30 1.36 -7.96	45.00 1.43 -5.14	42.13 1.78 0.00	47.52 2.02 0.00	47.63 1.92 0.00	49.89 1.96 0.00	108.32 5.08 0.00	86.64 4.04 0.00	55.02 1.85 0.00	56.48 1.15 0.00	55.38 0.96 0.00	51.72 1.07 0.00	43.53 1.15 0.00
LOVETT___4 23642	36.70 0.75 0.00	31.80 0.60 0.00	28.79 0.58 0.00	27.83 0.53 0.00	28.23 0.54 0.00	33.52 0.59 0.00	48.43 1.02 0.00	46.56 1.37 0.00	44.82 1.47 0.00	63.70 1.31 -23.16	66.30 1.27 -27.67	46.30 1.36 -7.96	45.00 1.43 -5.14	42.13 1.78 0.00	47.52 2.02 0.00	47.63 1.92 0.00	49.89 1.96 0.00	108.32 5.08 0.00	86.64 4.04 0.00	55.02 1.85 0.00	56.48 1.15 0.00	55.38 0.96 0.00	51.72 1.07 0.00	43.53 1.15 0.00
LOVETT___5 23593	36.70 0.75 0.00	31.80 0.60 0.00	28.79 0.58 0.00	27.83 0.53 0.00	28.23 0.54 0.00	33.52 0.59 0.00	48.43 1.02 0.00	46.56 1.37 0.00	44.82 1.47 0.00	63.70 1.31 -23.16	66.30 1.27 -27.67	46.30 1.36 -7.96	45.00 1.43 -5.14	42.13 1.78 0.00	47.52 2.02 0.00	47.63 1.92 0.00	49.89 1.96 0.00	108.32 5.08 0.00	86.64 4.04 0.00	55.02 1.85 0.00	56.48 1.15 0.00	55.38 0.96 0.00	51.72 1.07 0.00	43.53 1.15 0.00
LOWER RAQUET___HYD 24057	36.20 0.25 0.00	31.42 0.22 0.00	28.31 0.09 0.00	27.42 0.12 0.00	27.82 0.13 0.00	33.11 0.18 0.00	47.61 0.21 0.00	45.42 0.23 0.00	43.85 0.51 0.00	39.91 0.69 0.00	38.12 0.76 0.00	37.62 0.65 0.00	38.75 0.32 0.00	40.27 -0.08 0.00	44.89 -0.61 0.00	44.67 -1.05 0.00	46.47 -1.47 0.00	99.75 -3.49 0.00	80.23 -2.37 0.00	52.36 -0.81 0.00	55.21 -0.12 0.00	54.53 0.11 0.00	51.14 0.50 0.00	42.98 0.60 0.00

LOWER__HUDSON 24059	36.85 0.91 0.00	32.10 0.89 0.00	29.03 0.82 0.00	28.09 0.79 0.00	28.50 0.81 0.00	33.91 0.97 0.00	48.88 1.47 0.00	46.56 1.36 0.00	44.55 1.20 0.00	40.22 1.00 0.00	38.17 0.81 0.00	37.62 0.65 0.00	39.09 0.66 0.00	40.99 0.63 0.00	46.05 0.55 0.00	46.43 0.72 0.00	48.87 0.93 0.00	106.25 3.01 0.00	85.24 2.64 0.00	54.76 1.59 0.00	56.87 1.54 0.00	56.06 1.64 0.00	52.26 1.61 0.00	43.53 1.15 0.00
LOWVILLE_115KV_TB2 356335	36.55 0.60 0.00	31.85 0.65 0.00	28.63 0.42 0.00	27.70 0.40 0.00	28.06 0.37 0.00	33.35 0.42 0.00	48.07 0.66 0.00	45.92 0.73 0.00	44.05 0.70 0.00	39.90 0.68 0.00	37.91 0.55 0.00	37.53 0.56 0.00	38.91 0.48 0.00	40.98 0.62 0.00	46.01 0.51 0.00	46.25 0.54 0.00	48.47 0.53 0.00	105.38 2.14 0.00	85.77 3.18 0.00	55.70 2.53 0.00	57.92 2.59 0.00	56.86 2.45 0.00	52.84 2.20 0.00	44.03 1.65 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	37.25 1.30 0.00	32.39 1.19 0.00	29.30 1.09 0.00	28.34 1.04 0.00	28.76 1.07 0.00	34.27 1.34 0.00	49.45 2.04 0.00	47.01 1.82 0.00	44.87 1.52 0.00	40.37 1.15 0.00	38.28 0.92 0.00	37.72 0.75 0.00	39.20 0.77 0.00	41.21 0.85 0.00	46.41 0.91 0.00	46.91 1.20 0.00	49.52 1.59 0.00	107.82 4.58 0.00	86.62 4.02 0.00	55.70 2.53 0.00	57.77 2.44 0.00	56.81 2.40 0.00	52.91 2.26 0.00	44.04 1.66 0.00
LUTHERNY_35_KV_BK2 355980	37.28 1.33 0.00	32.40 1.20 0.00	29.30 1.09 0.00	28.34 1.04 0.00	28.77 1.07 0.00	34.32 1.39 0.00	49.49 2.08 0.00	47.03 1.83 0.00	44.90 1.56 0.00	40.40 1.18 0.00	38.31 0.95 0.00	37.73 0.76 0.00	39.21 0.78 0.00	41.28 0.93 0.00	46.50 0.99 0.00	46.95 1.24 0.00	49.59 1.66 0.00	107.97 4.73 0.00	86.74 4.14 0.00	55.82 2.65 0.00	57.85 2.52 0.00	56.85 2.43 0.00	53.00 2.35 0.00	44.07 1.69 0.00
LWR__OSWEGATCHIE_HYD 23850	36.37 0.42 0.00	31.62 0.42 0.00	28.45 0.24 0.00	27.54 0.24 0.00	27.92 0.23 0.00	33.22 0.28 0.00	47.86 0.45 0.00	45.69 0.49 0.00	43.96 0.61 0.00	39.89 0.67 0.00	37.99 0.63 0.00	37.55 0.59 0.00	38.81 0.38 0.00	40.59 0.24 0.00	45.37 -0.13 0.00	45.39 -0.32 0.00	47.36 -0.57 0.00	102.36 -0.88 0.00	83.00 0.40 0.00	54.05 0.88 0.00	56.57 1.24 0.00	55.70 1.28 0.00	52.00 1.35 0.00	43.50 1.12 0.00
LYONS_FALL_HYD 23570	36.56 0.61 0.00	31.81 0.60 0.00	28.66 0.45 0.00	27.72 0.41 0.00	28.09 0.40 0.00	33.43 0.50 0.00	48.19 0.79 0.00	46.00 0.81 0.00	44.05 0.71 0.00	39.81 0.59 0.00	37.84 0.48 0.00	37.44 0.47 0.00	38.86 0.43 0.00	40.92 0.56 0.00	46.11 0.60 0.00	46.35 0.63 0.00	48.64 0.70 0.00	105.67 2.44 0.00	85.63 3.04 0.00	55.43 2.26 0.00	57.54 2.21 0.00	56.51 2.10 0.00	52.48 1.83 0.00	43.75 1.36 0.00
MADISON__COUNTY_LFGE 323628	36.63 0.68 0.00	31.78 0.58 0.00	28.72 0.51 0.00	27.77 0.46 0.00	28.17 0.48 0.00	33.61 0.68 0.00	48.50 1.09 0.00	46.18 0.99 0.00	44.10 0.76 0.00	39.65 0.43 0.00	37.68 0.31 0.00	37.31 0.34 0.00	38.79 0.36 0.00	40.94 0.58 0.00	46.32 0.81 0.00	46.56 0.84 0.00	48.98 1.05 0.00	106.40 3.17 0.00	85.82 3.23 0.00	55.38 2.21 0.00	57.30 1.97 0.00	56.22 1.80 0.00	52.12 1.47 0.00	43.48 1.10 0.00
MALONE__115KV_TB1 356076	36.40 0.45 0.00	31.60 0.39 0.00	28.50 0.29 0.00	27.57 0.27 0.00	28.01 0.31 0.00	33.39 0.46 0.00	48.13 0.72 0.00	45.91 0.71 0.00	44.17 0.82 0.00	40.11 0.90 0.00	38.29 0.92 0.00	37.89 0.92 0.00	39.38 0.95 0.00	40.98 0.62 0.00	45.96 0.46 0.00	45.99 0.28 0.00	48.13 0.19 0.00	103.47 0.23 0.00	83.07 0.47 0.00	53.82 0.65 0.00	56.32 0.99 0.00	55.36 0.95 0.00	51.48 0.83 0.00	42.91 0.53 0.00
MAPLEWOD_115KV_TB3 80458	36.74 0.79 0.00	31.96 0.76 0.00	28.91 0.70 0.00	27.97 0.67 0.00	28.37 0.68 0.00	33.75 0.81 0.00	48.61 1.21 0.00	46.37 1.17 0.00	44.42 1.08 0.00	40.11 0.89 0.00	38.12 0.76 0.00	37.65 0.68 0.00	39.14 0.71 0.00	41.08 0.73 0.00	46.24 0.74 0.00	46.64 0.92 0.00	49.03 1.09 0.00	106.40 3.17 0.00	85.25 2.66 0.00	54.70 1.53 0.00	56.74 1.41 0.00	55.86 1.45 0.00	52.04 1.39 0.00	43.43 1.05 0.00
MAPLE_RIDGE_WT_1 323574	35.78 -0.17 0.00	31.08 -0.12 0.00	28.07 -0.14 0.00	27.14 -0.16 0.00	27.51 -0.18 0.00	32.71 -0.23 0.00	46.99 -0.41 0.00	44.83 -0.37 0.00	43.10 -0.24 0.00	39.13 -0.09 0.00	37.35 -0.02 0.00	36.93 -0.04 0.00	38.39 -0.04 0.00	40.26 -0.10 0.00	45.38 -0.13 0.00	45.60 -0.12 0.00	47.81 -0.13 0.00	102.95 -0.29 0.00	82.41 -0.19 0.00	53.11 -0.06 0.00	55.31 -0.02 0.00	54.39 -0.02 0.00	50.65 0.00 0.00	42.33 -0.05 0.00
MAPLE_RIDGE_WT_2 323611	35.78 -0.17 0.00	31.08 -0.12 0.00	28.07 -0.14 0.00	27.14 -0.16 0.00	27.51 -0.18 0.00	32.71 -0.23 0.00	46.99 -0.41 0.00	44.83 -0.37 0.00	43.10 -0.24 0.00	39.13 -0.09 0.00	37.35 -0.02 0.00	36.93 -0.04 0.00	38.39 -0.04 0.00	40.26 -0.10 0.00	45.38 -0.13 0.00	45.60 -0.12 0.00	47.81 -0.13 0.00	102.95 -0.29 0.00	82.41 -0.19 0.00	53.11 -0.06 0.00	55.31 -0.02 0.00	54.39 -0.02 0.00	50.65 0.00 0.00	42.33 -0.05 0.00
MARBLE_RIVER_WT_PWR 323696	36.01 0.06 0.00	31.27 0.07 0.00	28.23 0.02 0.00	27.31 0.01 0.00	27.74 0.05 0.00	33.06 0.13 0.00	47.68 0.27 0.00	45.44 0.24 0.00	43.67 0.33 0.00	39.65 0.43 0.00	37.83 0.47 0.00	37.41 0.44 0.00	38.85 0.42 0.00	40.55 0.19 0.00	45.62 0.11 0.00	45.68 -0.03 0.00	47.85 -0.09 0.00	102.67 -0.57 0.00	82.18 -0.41 0.00	53.21 0.05 0.00	55.66 0.33 0.00	54.75 0.33 0.00	51.01 0.36 0.00	42.56 0.17 0.00
MARSHVLE_115KV_TB1 80742	37.44 1.49 0.00	32.42 1.22 0.00	29.22 1.00 0.00	28.29 0.98 0.00	28.67 0.98 0.00	34.10 1.16 0.00	49.45 2.05 0.00	46.84 1.65 0.00	44.17 0.82 0.00	39.61 0.39 0.00	37.90 0.54 0.00	37.41 0.45 0.00	38.90 0.47 0.00	40.97 0.61 0.00	46.42 0.92 0.00	46.73 1.02 0.00	49.31 1.38 0.00	107.30 4.07 0.00	87.04 4.44 0.00	56.06 2.89 0.00	58.05 2.72 0.00	57.06 2.65 0.00	52.96 2.31 0.00	44.24 1.86 0.00
MARSH_HILL_WT_PWR 323713	36.01 0.06 0.00	30.99 -0.21 0.00	28.08 -0.13 0.00	27.13 -0.17 0.00	27.55 -0.14 0.00	33.00 0.07 0.00	47.53 0.12 0.00	45.13 -0.07 0.00	42.90 -0.45 0.00	38.63 -0.60 0.00	36.68 -0.68 0.00	36.40 -0.56 0.00	37.89 -0.54 0.00	40.19 -0.17 0.00	45.62 0.11 0.00	45.94 0.23 0.00	48.02 0.09 0.00	104.28 1.04 0.00	84.95 2.35 0.00	54.44 1.28 0.00	55.52 0.19 0.00	53.88 -0.53 0.00	49.49 -1.16 0.00	41.13 -1.25 0.00
MCINTYRE_115KV_TB2 80467	36.95 1.01 0.00	32.06 0.86 0.00	28.88 0.67 0.00	27.98 0.68 0.00	28.42 0.73 0.00	33.87 0.93 0.00	48.77 1.36 0.00	46.46 1.27 0.00	44.67 1.32 0.00	40.62 1.40 0.00	38.80 1.44 0.00	38.13 1.16 0.00	39.22 0.79 0.00	40.68 0.33 0.00	45.69 0.19 0.00	45.42 -0.29 0.00	47.21 -0.72 0.00	101.14 -2.10 0.00	81.57 -1.03 0.00	53.74 0.57 0.00	56.64 1.31 0.00	55.79 1.38 0.00	52.10 1.45 0.00	43.69 1.32 0.00

MECO____69_KV_BK1 80468	37.75 1.80 0.00	32.71 1.51 0.00	29.52 1.31 0.00	28.55 1.26 0.00	28.98 1.29 0.00	34.52 1.58 0.00	50.05 2.65 0.00	47.50 2.31 0.00	44.56 1.22 0.00	39.65 0.43 0.00	37.87 0.51 0.00	37.08 0.12 0.00	38.58 0.14 0.00	40.67 0.31 0.00	46.00 0.50 0.00	46.79 1.07 0.00	49.70 1.77 0.00	109.28 6.04 0.00	88.54 5.94 0.00	56.94 3.77 0.00	58.95 3.62 0.00	57.83 3.42 0.00	53.63 2.97 0.00	44.73 2.35 0.00
MENANDS__115KV_TB5 355628	36.56 0.62 0.00	31.82 0.62 0.00	28.79 0.58 0.00	27.85 0.55 0.00	28.26 0.56 0.00	33.59 0.66 0.00	48.38 0.97 0.00	46.15 0.95 0.00	44.26 0.91 0.00	39.99 0.76 0.00	38.00 0.64 0.00	37.53 0.56 0.00	39.02 0.59 0.00	40.95 0.60 0.00	46.06 0.56 0.00	46.41 0.69 0.00	48.77 0.84 0.00	105.78 2.55 0.00	84.69 2.09 0.00	54.34 1.17 0.00	56.37 1.04 0.00	55.51 1.10 0.00	51.74 1.09 0.00	43.20 0.82 0.00
MG INDUSTRY__DRP 24185	36.61 0.66 0.00	31.86 0.66 0.00	28.84 0.63 0.00	27.90 0.60 0.00	28.31 0.61 0.00	33.64 0.70 0.00	48.45 1.04 0.00	46.14 0.95 0.00	44.09 0.74 0.00	39.75 0.53 0.00	37.77 0.41 0.00	37.32 0.35 0.00	38.81 0.38 0.00	40.76 0.40 0.00	45.87 0.37 0.00	46.24 0.53 0.00	48.62 0.69 0.00	105.54 2.30 0.00	84.55 1.95 0.00	54.30 1.14 0.00	56.34 1.01 0.00	55.49 1.07 0.00	51.72 1.07 0.00	43.24 0.85 0.00
MID____OSWEGATCHIE_HYD 23849	36.37 0.42 0.00	31.62 0.42 0.00	28.45 0.24 0.00	27.54 0.24 0.00	27.92 0.23 0.00	33.22 0.28 0.00	47.86 0.45 0.00	45.69 0.49 0.00	43.96 0.61 0.00	39.89 0.67 0.00	37.99 0.63 0.00	37.55 0.59 0.00	38.81 0.38 0.00	40.59 0.24 0.00	45.37 -0.13 0.00	45.39 -0.32 0.00	47.36 -0.57 0.00	102.36 -0.88 0.00	83.00 0.40 0.00	54.05 0.88 0.00	56.57 1.24 0.00	55.70 1.28 0.00	52.00 1.35 0.00	43.50 1.12 0.00
MID____RAQUETTE_HYD 23851	36.19 0.24 0.00	31.42 0.22 0.00	28.31 0.09 0.00	27.42 0.12 0.00	27.82 0.13 0.00	33.11 0.18 0.00	47.61 0.21 0.00	45.42 0.23 0.00	43.85 0.51 0.00	39.91 0.69 0.00	38.12 0.76 0.00	37.62 0.65 0.00	38.75 0.32 0.00	40.27 -0.08 0.00	44.89 -0.61 0.00	44.67 -1.05 0.00	46.47 -1.47 0.00	99.75 -3.49 0.00	80.22 -2.37 0.00	52.36 -0.81 0.00	55.21 -0.12 0.00	54.53 0.11 0.00	51.15 0.50 0.00	42.98 0.60 0.00
MILLIKEN__1 23584	36.19 0.24 0.00	31.31 0.11 0.00	28.33 0.12 0.00	27.44 0.14 0.00	27.82 0.13 0.00	33.19 0.26 0.00	47.92 0.51 0.00	45.69 0.50 0.00	43.92 0.57 0.00	39.32 0.10 0.00	37.30 -0.06 0.00	36.95 -0.02 0.00	38.47 0.04 0.00	40.60 0.24 0.00	45.85 0.35 0.00	46.15 0.44 0.00	48.68 0.75 0.00	105.88 2.64 0.00	85.63 3.03 0.00	54.93 1.76 0.00	56.54 1.21 0.00	55.45 1.04 0.00	51.34 0.69 0.00	42.90 0.52 0.00
MILLIKEN__2 23585	36.19 0.24 0.00	31.31 0.11 0.00	28.33 0.12 0.00	27.44 0.14 0.00	27.82 0.13 0.00	33.19 0.26 0.00	47.92 0.51 0.00	45.69 0.50 0.00	43.92 0.57 0.00	39.32 0.10 0.00	37.30 -0.06 0.00	36.95 -0.02 0.00	38.47 0.04 0.00	40.60 0.24 0.00	45.85 0.35 0.00	46.15 0.44 0.00	48.68 0.75 0.00	105.88 2.64 0.00	85.63 3.03 0.00	54.93 1.76 0.00	56.54 1.21 0.00	55.45 1.04 0.00	51.34 0.69 0.00	42.90 0.52 0.00
MILLIKEN__DIESEL 23629	36.19 0.24 0.00	31.31 0.11 0.00	28.33 0.12 0.00	27.44 0.14 0.00	27.82 0.13 0.00	33.19 0.26 0.00	47.92 0.51 0.00	45.69 0.50 0.00	43.92 0.57 0.00	39.32 0.10 0.00	37.30 -0.06 0.00	36.95 -0.02 0.00	38.47 0.04 0.00	40.60 0.24 0.00	45.85 0.35 0.00	46.15 0.44 0.00	48.68 0.75 0.00	105.88 2.64 0.00	85.63 3.03 0.00	54.93 1.76 0.00	56.54 1.21 0.00	55.45 1.04 0.00	51.34 0.69 0.00	42.90 0.52 0.00
MILLSEAT____LFGE 323607	35.30 -0.65 0.00	30.29 -0.91 0.00	27.38 -0.83 0.00	26.54 -0.76 0.00	26.85 -0.84 0.00	32.27 -0.66 0.00	47.13 -0.28 0.00	44.89 -0.30 0.00	42.94 -0.41 0.00	38.91 -0.31 0.00	36.99 -0.37 0.00	36.80 -0.17 0.00	38.26 -0.17 0.00	40.38 0.02 0.00	45.92 0.41 0.00	45.98 0.27 0.00	48.25 0.31 0.00	103.45 0.21 0.00	84.23 1.63 0.00	54.41 1.24 0.00	56.02 0.69 0.00	54.53 0.11 0.00	50.29 -0.36 0.00	41.97 -0.41 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.80 0.86 0.00	31.90 0.70 0.00	28.88 0.67 0.00	27.93 0.62 0.00	28.33 0.64 0.00	33.64 0.70 0.00	48.59 1.18 0.00	46.74 1.55 0.00	45.00 1.66 0.00	60.97 1.47 -20.28	63.02 1.44 -24.22	45.44 1.50 -6.97	44.52 1.58 -4.50	42.29 1.94 0.00	47.68 2.18 0.00	47.76 2.05 0.00	50.03 2.10 0.00	108.54 5.30 0.00	86.79 4.19 0.00	55.13 1.97 0.00	56.64 1.31 0.00	55.54 1.13 0.00	51.89 1.25 0.00	43.69 1.31 0.00
MILLWOOD_13_KV_LOAD 356217	36.87 0.92 0.00	31.96 0.76 0.00	28.93 0.72 0.00	27.97 0.67 0.00	28.37 0.68 0.00	33.70 0.76 0.00	48.68 1.28 0.00	46.83 1.64 0.00	45.11 1.76 0.00	61.05 1.55 -20.28	63.09 1.51 -24.22	45.51 1.58 -6.97	44.58 1.64 -4.50	42.37 2.01 0.00	47.79 2.29 0.00	47.89 2.18 0.00	50.17 2.24 0.00	108.85 5.61 0.00	87.04 4.44 0.00	55.30 2.13 0.00	56.80 1.47 0.00	55.70 1.29 0.00	52.02 1.37 0.00	43.78 1.41 0.00
MODEL_CITY_ENERGY 24167	34.39 -1.56 0.00	29.53 -1.67 0.00	26.69 -1.52 0.00	25.89 -1.42 0.00	26.18 -1.52 0.00	31.41 -1.53 0.00	45.03 -2.38 0.00	42.80 -2.40 0.00	41.50 -1.85 0.00	38.02 -1.20 0.00	36.26 -1.10 0.00	36.11 -0.86 0.00	37.55 -0.88 0.00	39.61 -0.74 0.00	44.97 -0.54 0.00	44.84 -0.88 0.00	46.80 -1.13 0.00	99.13 -4.11 0.00	79.76 -2.84 0.00	51.34 -1.83 0.00	52.81 -2.51 0.00	51.52 -2.90 0.00	47.69 -2.96 0.00	39.96 -2.43 0.00
MODERN_LFGE__ 323580	34.39 -1.56 0.00	29.53 -1.67 0.00	26.69 -1.52 0.00	25.89 -1.42 0.00	26.18 -1.52 0.00	31.41 -1.53 0.00	45.03 -2.38 0.00	42.80 -2.40 0.00	41.50 -1.85 0.00	38.02 -1.20 0.00	36.26 -1.10 0.00	36.11 -0.86 0.00	37.55 -0.88 0.00	39.61 -0.74 0.00	44.97 -0.54 0.00	44.84 -0.88 0.00	46.80 -1.13 0.00	99.13 -4.11 0.00	79.76 -2.84 0.00	51.34 -1.83 0.00	52.81 -2.51 0.00	51.52 -2.90 0.00	47.69 -2.96 0.00	39.96 -2.43 0.00
MOHAWK_PAPER__DRP 24187	36.74 0.79 0.00	31.96 0.76 0.00	28.91 0.70 0.00	27.97 0.67 0.00	28.37 0.68 0.00	33.75 0.81 0.00	48.61 1.21 0.00	46.37 1.17 0.00	44.42 1.08 0.00	40.11 0.89 0.00	38.12 0.76 0.00	37.65 0.68 0.00	39.14 0.71 0.00	41.08 0.73 0.00	46.24 0.74 0.00	46.64 0.92 0.00	49.03 1.09 0.00	106.40 3.17 0.00	85.25 2.66 0.00	54.70 1.53 0.00	56.74 1.41 0.00	55.86 1.45 0.00	52.04 1.39 0.00	43.43 1.05 0.00
MOHICAN__35_KV_115KV_LD 80490	37.48 1.54 0.00	32.58 1.38 0.00	29.49 1.28 0.00	28.51 1.21 0.00	28.97 1.27 0.00	34.52 1.59 0.00	49.87 2.46 0.00	47.41 2.22 0.00	45.25 1.91 0.00	40.54 1.32 0.00	38.24 0.87 0.00	37.57 0.60 0.00	38.96 0.53 0.00	40.90 0.55 0.00	46.12 0.62 0.00	46.83 1.12 0.00	49.62 1.69 0.00	108.51 5.27 0.00	87.63 5.03 0.00	56.43 3.26 0.00	58.45 3.12 0.00	57.53 3.11 0.00	53.55 2.90 0.00	44.38 2.00 0.00

MONGAUP___HYD 23641	36.97 1.02 0.00	32.02 0.82 0.00	28.97 0.76 0.00	28.02 0.72 0.00	28.51 0.81 0.00	33.81 0.88 0.00	48.83 1.43 0.00	46.88 1.69 0.00	44.79 1.45 0.00	24.65 0.94 15.52	19.72 0.86 18.50	32.54 0.89 5.32	35.93 0.93 3.44	41.57 1.22 0.00	46.91 1.41 0.00	47.12 1.40 0.00	49.57 1.64 0.00	107.66 4.42 0.00	86.95 4.35 0.00	55.74 2.57 0.00	57.40 2.08 0.00	56.27 1.85 0.00	52.38 1.73 0.00	43.91 1.53 0.00
MONTAUK___DIESEL 23721	37.61 1.66 0.00	33.11 1.90 0.00	30.23 2.02 0.00	29.04 1.74 0.00	30.10 2.41 0.00	35.59 2.65 0.00	50.87 3.46 0.00	49.45 4.26 0.00	47.92 4.57 0.00	60.64 3.29 -18.13	61.73 2.71 -21.65	45.89 2.69 -6.23	45.38 2.92 -4.02	43.95 3.60 0.00	49.95 4.45 0.00	49.82 4.10 0.00	51.95 4.02 0.00	111.98 8.75 0.00	88.45 5.85 0.00	56.20 3.03 0.00	57.81 2.48 0.00	57.07 2.66 0.00	53.33 2.68 0.00	45.05 2.67 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.76 -0.19 0.00	30.74 -0.46 0.00	27.80 -0.42 0.00	26.89 -0.41 0.00	27.28 -0.42 0.00	32.59 -0.35 0.00	47.02 -0.38 0.00	45.25 0.05 0.00	43.61 0.26 0.00	39.73 0.51 0.00	37.93 0.57 0.00	37.73 0.76 0.00	39.19 0.76 0.00	41.48 1.13 0.00	47.03 1.52 0.00	47.03 1.32 0.00	49.09 1.15 0.00	106.06 2.82 0.00	85.49 2.90 0.00	54.46 1.29 0.00	55.77 0.44 0.00	53.93 -0.49 0.00	49.33 -1.32 0.00	40.68 -1.70 0.00
MORRIS RIDGE___SOLAR 323848	35.44 -0.51 0.00	30.50 -0.70 0.00	27.63 -0.59 0.00	26.71 -0.59 0.00	27.09 -0.60 0.00	32.44 -0.49 0.00	46.68 -0.73 0.00	44.37 -0.83 0.00	42.20 -1.15 0.00	38.09 -1.13 0.00	36.27 -1.10 0.00	36.03 -0.94 0.00	37.50 -0.93 0.00	39.69 -0.66 0.00	45.06 -0.45 0.00	45.24 -0.48 0.00	47.25 -0.68 0.00	102.24 -1.00 0.00	83.11 0.51 0.00	53.36 0.19 0.00	54.67 -0.66 0.00	53.20 -1.21 0.00	48.96 -1.70 0.00	40.90 -1.47 0.00
MORTIMER_115KV_TB3 55949	35.46 -0.49 0.00	30.55 -0.65 0.00	27.59 -0.62 0.00	26.73 -0.57 0.00	27.06 -0.63 0.00	32.40 -0.53 0.00	46.63 -0.78 0.00	44.36 -0.84 0.00	42.72 -0.63 0.00	38.83 -0.39 0.00	37.04 -0.32 0.00	36.86 -0.11 0.00	38.41 -0.02 0.00	40.57 0.21 0.00	46.01 0.50 0.00	46.13 0.42 0.00	48.40 0.46 0.00	103.61 0.37 0.00	83.45 0.85 0.00	53.57 0.40 0.00	55.21 -0.12 0.00	53.91 -0.50 0.00	49.81 -0.84 0.00	41.62 -0.76 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.05 1.10 0.00	32.10 0.90 0.00	29.07 0.86 0.00	28.11 0.81 0.00	28.49 0.80 0.00	33.81 0.88 0.00	48.86 1.45 0.00	47.11 1.91 0.00	45.44 2.09 0.00	59.46 1.91 -18.33	61.09 1.83 -21.89	47.48 1.95 -8.55	48.44 2.01 -8.00	49.46 2.41 -6.70	48.14 2.63 0.00	48.07 2.36 0.00	50.27 2.34 0.00	108.95 5.71 0.00	87.04 4.44 0.00	55.22 2.05 0.00	56.67 1.34 0.00	55.56 1.15 0.00	52.11 1.46 0.00	44.00 1.62 0.00
MUNSVILLE_WIND_PWR 323609	38.10 2.15 0.00	32.90 1.69 0.00	29.76 1.55 0.00	28.78 1.48 0.00	29.22 1.53 0.00	34.92 1.98 0.00	50.70 3.29 0.00	48.29 3.09 0.00	45.88 2.53 0.00	40.73 1.50 0.00	38.30 0.93 0.00	37.76 0.80 0.00	39.25 0.82 0.00	41.76 1.40 0.00	47.28 1.78 0.00	47.61 1.90 0.00	50.25 2.31 0.00	110.99 7.75 0.00	90.58 7.99 0.00	58.66 5.49 0.00	60.33 5.00 0.00	58.89 4.48 0.00	54.31 3.66 0.00	45.14 2.76 0.00
N SALMON___HYD 24042	36.39 0.45 0.00	31.60 0.39 0.00	28.50 0.29 0.00	27.57 0.27 0.00	28.01 0.31 0.00	33.39 0.46 0.00	48.13 0.72 0.00	45.91 0.71 0.00	44.17 0.82 0.00	40.11 0.89 0.00	38.28 0.92 0.00	37.89 0.92 0.00	39.38 0.95 0.00	40.98 0.62 0.00	45.96 0.46 0.00	45.99 0.28 0.00	48.13 0.19 0.00	103.47 0.23 0.00	83.07 0.47 0.00	53.81 0.65 0.00	56.32 0.99 0.00	55.36 0.95 0.00	51.48 0.83 0.00	42.91 0.54 0.00
N.AKRON___115KV_KNAPP 355671	35.29 -0.66 0.00	30.29 -0.91 0.00	27.37 -0.84 0.00	26.54 -0.77 0.00	26.84 -0.85 0.00	32.24 -0.70 0.00	46.49 -0.92 0.00	44.25 -0.94 0.00	42.55 -0.80 0.00	38.77 -0.45 0.00	36.91 -0.46 0.00	36.73 -0.24 0.00	38.19 -0.24 0.00	40.30 -0.05 0.00	45.79 0.29 0.00	45.80 0.08 0.00	47.95 0.01 0.00	102.36 -0.88 0.00	82.96 0.36 0.00	53.50 0.33 0.00	55.06 -0.27 0.00	53.63 -0.78 0.00	49.52 -1.13 0.00	41.38 -1.00 0.00
N.BELMOR_69_KV_BK1 55787	37.27 1.32 0.00	32.36 1.16 0.00	29.31 1.10 0.00	28.29 0.99 0.00	28.86 1.16 0.00	34.15 1.21 0.00	49.21 1.80 0.00	47.47 2.27 0.00	45.72 2.37 0.00	59.25 1.90 -18.13	60.85 1.83 -21.65	45.01 1.81 -6.23	44.39 1.93 -4.02	42.83 2.48 0.00	48.44 2.94 0.00	48.43 2.72 0.00	50.75 2.82 0.00	109.24 6.00 0.00	86.73 4.14 0.00	55.54 2.37 0.00	57.22 1.89 0.00	56.21 1.79 0.00	52.43 1.78 0.00	44.28 1.90 0.00
N.E_GEN_SANDY PD 24062	36.72 0.77 0.00	32.00 0.80 0.00	28.94 0.73 0.00	28.01 0.71 0.00	28.41 0.72 0.00	33.78 0.85 0.00	48.43 1.33 0.31	47.67 1.31 -1.17	44.59 1.24 0.00	46.18 1.10 -5.86	44.86 0.95 -6.54	38.12 0.79 -0.36	40.23 0.80 -0.99	41.13 0.78 0.00	46.17 0.66 0.00	46.04 0.70 0.37	50.68 0.82 -1.94	106.00 2.76 0.00	87.33 2.38 -2.36	54.45 1.28 0.00	56.46 1.14 0.00	54.70 1.26 0.97	54.78 1.35 -2.78	42.97 1.02 0.43
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.77 0.82 0.00	31.86 0.66 0.00	28.85 0.64 0.00	27.88 0.58 0.00	28.29 0.59 0.00	33.59 0.65 0.00	48.53 1.12 0.00	46.70 1.51 0.00	44.96 1.61 0.00	62.58 1.43 -21.93	64.96 1.40 -26.19	45.99 1.49 -7.54	44.87 1.58 -4.87	42.31 1.96 0.00	47.74 2.23 0.00	47.88 2.17 0.00	50.17 2.23 0.00	108.93 5.69 0.00	87.13 4.53 0.00	55.30 2.13 0.00	56.75 1.42 0.00	55.63 1.21 0.00	51.93 1.28 0.00	43.69 1.31 0.00
N.QUEENS_27_KV_LOAD 356247	37.00 1.05 0.00	32.05 0.85 0.00	29.05 0.84 0.00	28.14 0.84 0.00	28.37 0.67 0.00	33.81 0.88 0.00	48.87 1.46 0.00	47.09 1.89 0.00	45.51 2.16 0.00	59.42 1.87 -18.33	61.06 1.80 -21.90	47.48 1.93 -8.59	48.36 1.88 -8.05	49.49 2.35 -6.79	48.23 2.72 0.00	48.16 2.44 0.00	50.27 2.34 0.00	108.89 5.65 0.00	87.06 4.47 0.00	55.17 2.01 0.00	56.60 1.27 0.00	55.51 1.10 0.01	52.04 1.39 0.00	44.02 1.64 0.00
N.TROY___115KV_TB1 355778	36.85 0.91 0.00	32.09 0.89 0.00	29.03 0.82 0.00	28.09 0.79 0.00	28.50 0.81 0.00	33.90 0.97 0.00	48.88 1.48 0.00	46.56 1.36 0.00	44.55 1.20 0.00	40.22 1.00 0.00	38.18 0.81 0.00	37.62 0.65 0.00	39.09 0.66 0.00	40.99 0.64 0.00	46.05 0.55 0.00	46.44 0.72 0.00	48.87 0.94 0.00	106.25 3.01 0.00	85.24 2.64 0.00	54.76 1.59 0.00	56.87 1.54 0.00	56.06 1.64 0.00	52.26 1.61 0.00	43.53 1.15 0.00
NARROWS_GT1_1 24228	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.07 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	47.00 1.80 0.00	45.36 2.01 0.00	59.33 1.78 -18.33	60.99 1.73 -21.90	47.43 1.88 -8.59	48.23 1.75 -8.05	49.29 2.15 -6.79	48.07 2.56 0.00	48.05 2.34 0.00	50.19 2.26 0.00	108.63 5.39 0.00	86.85 4.25 0.00	55.12 1.96 0.00	56.54 1.21 0.00	55.49 1.08 0.00	52.02 1.37 0.00	43.99 1.61 0.00

NARROWS_GT1_2 24229	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.07 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	47.00 1.80 0.00	45.36 2.01 0.00	59.33 1.78 -18.33	60.99 1.73 -21.90	47.43 1.88 -8.59	48.23 1.75 -8.05	49.29 2.15 -6.79	48.07 2.56 0.00	48.05 2.34 0.00	50.19 2.26 0.00	108.63 5.39 0.00	86.85 4.25 0.00	55.12 1.96 0.00	56.54 1.21 0.00	55.49 1.08 0.00	52.02 1.37 0.00	43.99 1.61 0.00
NARROWS_GT1_3 24230	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.07 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	47.00 1.80 0.00	45.36 2.01 0.00	59.33 1.78 -18.33	60.99 1.73 -21.90	47.43 1.88 -8.59	48.23 1.75 -8.05	49.29 2.15 -6.79	48.07 2.56 0.00	48.05 2.34 0.00	50.19 2.26 0.00	108.63 5.39 0.00	86.85 4.25 0.00	55.12 1.96 0.00	56.54 1.21 0.00	55.49 1.08 0.00	52.02 1.37 0.00	43.99 1.61 0.00
NARROWS_GT1_4 24231	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.07 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	47.00 1.80 0.00	45.36 2.01 0.00	59.33 1.78 -18.33	60.99 1.73 -21.90	47.43 1.88 -8.59	48.23 1.75 -8.05	49.29 2.15 -6.79	48.07 2.56 0.00	48.05 2.34 0.00	50.19 2.26 0.00	108.63 5.39 0.00	86.85 4.25 0.00	55.12 1.96 0.00	56.54 1.21 0.00	55.49 1.08 0.00	52.02 1.37 0.00	43.99 1.61 0.00
NARROWS_GT1_5 24232	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.07 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	47.00 1.80 0.00	45.36 2.01 0.00	59.33 1.78 -18.33	60.99 1.73 -21.90	47.43 1.88 -8.59	48.23 1.75 -8.05	49.29 2.15 -6.79	48.07 2.56 0.00	48.05 2.34 0.00	50.19 2.26 0.00	108.63 5.39 0.00	86.85 4.25 0.00	55.12 1.96 0.00	56.54 1.21 0.00	55.49 1.08 0.00	52.02 1.37 0.00	43.99 1.61 0.00
NARROWS_GT1_6 24233	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.07 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	47.00 1.80 0.00	45.36 2.01 0.00	59.33 1.78 -18.33	60.99 1.73 -21.90	47.43 1.88 -8.59	48.23 1.75 -8.05	49.29 2.15 -6.79	48.07 2.56 0.00	48.05 2.34 0.00	50.19 2.26 0.00	108.63 5.39 0.00	86.85 4.25 0.00	55.12 1.96 0.00	56.54 1.21 0.00	55.49 1.08 0.00	52.02 1.37 0.00	43.99 1.61 0.00
NARROWS_GT1_7 24234	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.07 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	47.00 1.80 0.00	45.36 2.01 0.00	59.33 1.78 -18.33	60.99 1.73 -21.90	47.43 1.88 -8.59	48.23 1.75 -8.05	49.29 2.15 -6.79	48.07 2.56 0.00	48.05 2.34 0.00	50.19 2.26 0.00	108.63 5.39 0.00	86.85 4.25 0.00	55.12 1.96 0.00	56.54 1.21 0.00	55.49 1.08 0.00	52.02 1.37 0.00	43.99 1.61 0.00
NARROWS_GT1_8 24235	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.07 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	47.00 1.80 0.00	45.36 2.01 0.00	59.33 1.78 -18.33	60.99 1.73 -21.90	47.43 1.88 -8.59	48.23 1.75 -8.05	49.29 2.15 -6.79	48.07 2.56 0.00	48.05 2.34 0.00	50.19 2.26 0.00	108.63 5.39 0.00	86.85 4.25 0.00	55.12 1.96 0.00	56.54 1.21 0.00	55.49 1.08 0.00	52.02 1.37 0.00	43.99 1.61 0.00
NARROWS_GT2_1 24236	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.07 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	47.00 1.80																

NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	37.14 1.19 0.00	32.29 1.09 0.00	29.21 1.00 0.00	28.25 0.96 0.00	28.66 0.97 0.00	34.10 1.17 0.00	49.24 1.83 0.00	46.97 1.78 0.00	44.81 1.46 0.00	40.23 1.01 0.00	38.16 0.80 0.00	37.63 0.66 0.00	39.14 0.71 0.00	41.10 0.74 0.00	46.27 0.76 0.00	46.79 1.08 0.00	49.25 1.31 0.00	107.90 4.66 0.00	86.51 3.92 0.00	55.70 2.53 0.00	57.78 2.46 0.00	56.78 2.37 0.00	52.77 2.12 0.00	43.97 1.59 0.00
NCHELSEA_115KV_TR2 355582	37.05 1.10 0.00	32.11 0.91 0.00	29.06 0.85 0.00	28.11 0.80 0.00	28.52 0.82 0.00	33.87 0.94 0.00	48.97 1.56 0.00	47.04 1.84 0.00	45.22 1.87 0.00	40.89 1.67 0.00	38.98 1.61 0.00	38.59 1.62 0.00	40.13 1.70 0.00	42.41 2.06 0.00	47.90 2.39 0.00	48.09 2.38 0.00	50.46 2.53 0.00	109.60 6.36 0.00	87.71 5.11 0.00	55.82 2.65 0.00	57.38 2.05 0.00	56.25 1.84 0.00	52.44 1.79 0.00	44.01 1.63 0.00
NEG CAPITAL___MECHNVIL 23645	37.32 1.37 0.00	32.45 1.25 0.00	29.36 1.14 0.00	28.39 1.09 0.00	28.81 1.12 0.00	34.33 1.39 0.00	49.53 2.12 0.00	47.11 1.92 0.00	45.00 1.65 0.00	40.51 1.29 0.00	38.42 1.06 0.00	37.87 0.91 0.00	39.37 0.93 0.00	41.36 1.01 0.00	46.59 1.08 0.00	47.10 1.38 0.00	49.69 1.76 0.00	108.23 5.00 0.00	86.91 4.32 0.00	55.86 2.69 0.00	57.94 2.61 0.00	56.98 2.56 0.00	53.04 2.39 0.00	44.14 1.76 0.00
NEG CENTRAL_HIGH_ACRES 23767	34.93 -1.02 0.00	30.12 -1.08 0.00	27.21 -1.00 0.00	26.37 -0.94 0.00	26.71 -0.98 0.00	31.98 -0.96 0.00	46.26 -1.15 0.00	46.60 1.40 0.00	44.67 1.32 0.00	40.12 0.90 0.00	38.04 0.68 0.00	37.85 0.89 0.00	39.54 1.11 0.00	41.39 1.04 0.00	45.21 -0.29 0.00	45.43 -0.29 0.00	47.66 -0.27 0.00	102.47 -0.77 0.00	82.50 -0.10 0.00	52.85 -0.31 0.00	54.44 -0.89 0.00	53.19 -1.22 0.00	49.18 -1.47 0.00	41.09 -1.29 0.00
NEG CENTRAL___DRP 24199	35.80 -0.15 0.00	30.92 -0.28 0.00	27.98 -0.23 0.00	27.09 -0.21 0.00	27.48 -0.22 0.00	32.85 -0.09 0.00	47.34 -0.07 0.00	45.17 -0.02 0.00	43.60 0.25 0.00	39.18 -0.04 0.00	37.24 -0.12 0.00	36.97 0.00 0.00	38.54 0.10 0.00	40.69 0.33 0.00	45.99 0.48 0.00	46.33 0.61 0.00	48.76 0.83 0.00	105.72 2.49 0.00	85.48 2.88 0.00	54.40 1.23 0.00	55.77 0.44 0.00	54.63 0.21 0.00	50.55 -0.10 0.00	42.32 -0.06 0.00
NEG CENTRAL___INDECK 23768	36.48 0.53 0.00	31.37 0.17 0.00	28.37 0.16 0.00	27.45 0.15 0.00	27.83 0.13 0.00	33.36 0.43 0.00	47.56 0.16 0.00	44.82 -0.38 0.00	42.23 -1.12 0.00	37.19 -2.04 0.00	35.38 -1.98 0.00	35.19 -1.78 0.00	36.90 -1.53 0.00	40.45 0.10 0.00	46.09 0.59 0.00	46.26 0.55 0.00	48.55 0.61 0.00	104.54 1.30 0.00	85.95 3.35 0.00	55.63 2.46 0.00	57.22 1.89 0.00	55.59 1.17 0.00	51.13 0.49 0.00	42.55 0.17 0.00
NEG CENTRAL___SENECA 23627	35.88 -0.07 0.00	30.96 -0.24 0.00	28.02 -0.19 0.00	27.11 -0.19 0.00	27.51 -0.18 0.00	32.92 -0.02 0.00	47.40 0.00 0.00	45.24 0.05 0.00	43.37 0.02 0.00	39.02 -0.20 0.00	37.09 -0.28 0.00	36.82 -0.15 0.00	38.37 -0.06 0.00	40.55 0.20 0.00	45.89 0.38 0.00	46.20 0.49 0.00	48.48 0.55 0.00	105.08 1.84 0.00	85.11 2.52 0.00	54.40 1.24 0.00	55.75 0.42 0.00	54.52 0.10 0.00	50.45 -0.20 0.00	42.30 -0.08 0.00
NEG CENTRAL___STATE_STREET 24147	35.83 -0.12 0.00	31.00 -0.20 0.00	28.05 -0.16 0.00	27.25 -0.05 0.00	27.56 -0.13 0.00	32.99 0.05 0.00	47.53 0.12 0.00	45.38 0.18 0.00	44.03 0.68 0.00	39.38 0.16 0.00	37.53 0.17 0.00	37.25 0.28 0.00	38.84 0.41 0.00	40.94 0.58 0.00	46.13 0.62 0.00	46.44 0.73 0.00	49.18 1.24 0.00	106.72 3.48 0.00	85.90 3.30 0.00	54.69 1.52 0.00	56.00 0.67 0.00	55.05 0.64 0.00	50.89 0.24 0.00	42.53 0.15 0.00
NEG MILLWOOD___DRP 24198	37.08 1.13 0.00	32.14 0.94 0.00	29.08 0.87 0.00	28.13 0.83 0.00	28.54 0.85 0.00	33.91 0.98 0.00	49.02 1.61 0.00	47.13 1.93 0.00	45.34 1.99 0.00	47.53 1.77 -6.54	46.95 1.71 -7.88	40.98 1.74 -2.27	41.72 1.82 -1.46	42.63 2.28 0.00	48.13 2.63 0.00	48.34 2.63 0.00	50.71 2.78 0.00	110.08 6.85 0.00	88.10 5.50 0.00	56.04 2.88 0.00	57.59 2.27 0.00	56.43 2.01 0.00	52.59 1.94 0.00	44.16 1.78 0.00
NEG NORTH_FLCN_SEA 23793	36.35 0.40 0.00	31.56 0.36 0.00	28.53 0.31 0.00	27.59 0.28 0.00	28.02 0.32 0.00	33.42 0.48 0.00	48.24 0.83 0.00	45.88 0.68 0.00	44.12 0.78 0.00	40.07 0.85 0.00	38.20 0.84 0.00	37.77 0.80 0.00	39.21 0.78 0.00	40.89 0.54 0.00	46.00 0.50 0.00	46.12 0.41 0.00	48.37 0.44 0.00	103.91 0.67 0.00	83.28 0.68 0.00	53.89 0.72 0.00	56.29 0.96 0.00	55.31 0.90 0.00	51.56 0.91 0.00	42.95 0.57 0.00
NEG NORTH_KES_CHATEGAY 23792	36.04 0.09 0.00	31.30 0.10 0.00	28.25 0.04 0.00	27.33 0.03 0.00	27.76 0.07 0.00	33.09 0.15 0.00	47.69 0.28 0.00	45.47 0.27 0.00	43.69 0.34 0.00	39.67 0.45 0.00	37.80 0.44 0.00	37.37 0.41 0.00	38.81 0.38 0.00	40.51 0.15 0.00	45.56 0.06 0.00	45.62 -0.09 0.00	47.77 -0.17 0.00	102.48 -0.76 0.00	82.08 -0.52 0.00	53.22 0.05 0.00	55.71 0.38 0.00	54.79 0.37 0.00	51.02 0.37 0.00	42.57 0.19 0.00
NEG NORTH___ALICE_FALLS 23915	36.43 0.48 0.00	31.63 0.43 0.00	28.57 0.36 0.00	27.63 0.33 0.00	28.06 0.37 0.00	33.48 0.55 0.00	48.30 0.90 0.00	45.97 0.78 0.00	44.21 0.86 0.00	40.15 0.92 0.00	38.27 0.91 0.00	37.81 0.84 0.00	39.24 0.81 0.00	40.91 0.55 0.00	45.99 0.48 0.00	46.05 0.34 0.00	48.32 0.38 0.00	103.87 0.63 0.00	83.40 0.81 0.00	54.01 0.85 0.00	56.45 1.12 0.00	55.46 1.05 0.00	51.65 1.00 0.00	43.02 0.64 0.00
NEG NORTH___LWR_SARANAC 23913	36.43 0.48 0.00	31.63 0.43 0.00	28.57 0.36 0.00	27.63 0.33 0.00	28.06 0.37 0.00	33.48 0.55 0.00	48.30 0.90 0.00	45.97 0.78 0.00	44.21 0.86 0.00	40.15 0.92 0.00	38.27 0.91 0.00	37.81 0.84 0.00	39.24 0.81 0.00	40.91 0.55 0.00	45.99 0.48 0.00	46.05 0.34 0.00	48.32 0.38 0.00	103.87 0.63 0.00	83.40 0.81 0.00	54.01 0.85 0.00	56.45 1.12 0.00	55.46 1.05 0.00	51.65 1.00 0.00	43.02 0.64 0.00
NEG NORTH___PLATTSBURG 23628	36.43 0.48 0.00	31.63 0.43 0.00	28.57 0.36 0.00	27.63 0.33 0.00	28.06 0.37 0.00	33.48 0.55 0.00	48.30 0.89 0.00	45.97 0.78 0.00	44.21 0.86 0.00	40.14 0.93 0.00	38.27 0.91 0.00	37.81 0.84 0.00	39.24 0.81 0.00	40.91 0.55 0.00	45.99 0.48 0.00	46.05 0.34 0.00	48.32 0.38 0.00	103.87 0.64 0.00	83.40 0.81 0.00	54.01 0.85 0.00	56.45 1.12 0.00	55.46 1.05 0.00	51.65 1.00 0.00	43.02 0.64 0.00
NEG WEST_LEA_LOCKPORT 23791	34.75 -1.20 0.00	29.83 -1.37 0.00	26.96 -1.25 0.00	26.14 -1.16 0.00	26.43 -1.26 0.00	31.72 -1.22 0.00	45.49 -1.91 0.00	43.27 -1.92 0.00	41.90 -1.45 0.00	38.36 -0.86 0.00	36.58 -0.78 0.00	36.42 -0.54 0.00	37.90 -0.53 0.00	39.99 -0.36 0.00	45.39 -0.11 0.00	45.28 -0.43 0.00	47.28 -0.65 0.00	100.32 -2.92 0.00	80.81 -1.79 0.00	51.99 -1.17 0.00	53.48 -1.85 0.00	52.15 -2.26 0.00	48.24 -2.41 0.00	40.39 -1.99 0.00

NEG WEST___LANCASTR 23811	35.17 -0.77 0.00	30.18 -1.02 0.00	27.27 -0.94 0.00	26.42 -0.89 0.00	26.73 -0.96 0.00	32.07 -0.86 0.00	46.09 -1.31 0.00	43.80 -1.39 0.00	42.39 -0.95 0.00	38.88 -0.34 0.00	37.10 -0.26 0.00	36.93 -0.04 0.00	38.53 0.10 0.00	40.58 0.23 0.00	46.16 0.65 0.00	46.22 0.50 0.00	48.25 0.32 0.00	102.55 -0.69 0.00	82.22 -0.38 0.00	52.95 -0.22 0.00	54.49 -0.84 0.00	53.17 -1.25 0.00	48.95 -1.70 0.00	40.88 -1.50 0.00
NEG_PENN_ALLEGHNY 23528	35.85 -0.09 0.00	31.03 -0.18 0.00	28.12 -0.09 0.00	27.18 -0.12 0.00	27.59 -0.10 0.00	32.87 -0.06 0.00	47.41 0.00 0.00	45.15 -0.05 0.00	43.34 -0.01 0.00	39.17 -0.05 0.00	37.25 -0.12 0.00	36.91 -0.06 0.00	38.37 -0.06 0.00	40.49 0.13 0.00	45.78 0.28 0.00	46.07 0.35 0.00	48.20 0.27 0.00	104.59 1.35 0.00	84.12 1.53 0.00	53.88 0.71 0.00	55.53 0.20 0.00	54.50 0.09 0.00	50.50 -0.15 0.00	42.30 -0.08 0.00
NEG___GEN_MONROE 24207	35.63 -0.33 0.00	30.67 -0.53 0.00	27.70 -0.51 0.00	26.84 -0.46 0.00	27.17 -0.52 0.00	32.59 -0.34 0.00	46.99 -0.41 0.00	44.66 -0.53 0.00	42.90 -0.45 0.00	38.91 -0.31 0.00	37.15 -0.21 0.00	36.99 0.03 0.00	38.51 0.08 0.00	40.64 0.29 0.00	46.16 0.66 0.00	46.31 0.60 0.00	48.60 0.67 0.00	103.97 0.73 0.00	84.01 1.42 0.00	54.04 0.87 0.00	55.67 0.35 0.00	54.31 -0.11 0.00	50.15 -0.50 0.00	41.89 -0.49 0.00
NEPA___ENERGY 23901	35.07 -0.88 0.00	30.16 -1.05 0.00	27.35 -0.86 0.00	26.41 -0.89 0.00	26.81 -0.88 0.00	32.09 -0.84 0.00	46.22 -1.19 0.00	44.12 -1.08 0.00	42.50 -0.85 0.00	38.77 -0.45 0.00	37.05 -0.31 0.00	36.83 -0.14 0.00	38.27 -0.16 0.00	40.47 0.12 0.00	45.96 0.45 0.00	46.09 0.37 0.00	47.95 0.02 0.00	103.49 0.25 0.00	83.28 0.68 0.00	53.01 -0.16 0.00	54.22 -1.11 0.00	52.96 -1.46 0.00	48.68 -1.97 0.00	40.74 -1.64 0.00
NEVERSINK___HYD 23608	36.46 0.51 0.00	31.60 0.39 0.00	28.59 0.37 0.00	27.64 0.34 0.00	28.05 0.35 0.00	33.34 0.41 0.00	48.21 0.80 0.00	46.34 1.15 0.00	44.51 1.16 0.00	36.26 1.02 3.98	33.72 0.94 4.59	36.56 0.90 1.31	38.52 0.94 0.85	41.61 1.26 0.00	47.04 1.53 0.00	47.29 1.57 0.00	49.68 1.75 0.00	108.01 4.77 0.00	86.59 4.00 0.00	55.04 1.87 0.00	56.59 1.26 0.00	55.46 1.05 0.00	51.65 0.99 0.00	43.31 0.93 0.00
NEWKRMKL_115KV_TB1 55635	36.49 0.54 0.00	31.74 0.54 0.00	28.72 0.51 0.00	27.79 0.49 0.00	28.19 0.50 0.00	33.51 0.58 0.00	48.26 0.85 0.00	46.05 0.85 0.00	44.17 0.82 0.00	39.89 0.67 0.00	37.92 0.55 0.00	37.46 0.49 0.00	38.96 0.53 0.00	40.90 0.54 0.00	46.03 0.53 0.00	46.41 0.70 0.00	48.77 0.84 0.00	105.80 2.57 0.00	84.67 2.07 0.00	54.29 1.13 0.00	56.30 0.97 0.00	55.42 1.01 0.00	51.63 0.99 0.00	43.12 0.73 0.00
NEWTON___FALLS_HYD 23847	36.37 0.42 0.00	31.62 0.42 0.00	28.45 0.24 0.00	27.54 0.24 0.00	27.92 0.23 0.00	33.22 0.28 0.00	47.86 0.45 0.00	45.69 0.49 0.00	43.96 0.61 0.00	39.89 0.67 0.00	37.99 0.63 0.00	37.55 0.59 0.00	38.81 0.38 0.00	40.59 0.24 0.00	45.37 -0.13 0.00	45.39 -0.32 0.00	47.36 -0.57 0.00	102.36 -0.88 0.00	83.00 0.40 0.00	54.05 0.88 0.00	56.57 1.24 0.00	55.70 1.28 0.00	52.00 1.35 0.00	43.50 1.12 0.00
NGRID_A1_DSASP 323792	34.47 -1.48 0.00	29.61 -1.59 0.00	26.75 -1.46 0.00	25.94 -1.36 0.00	26.23 -1.47 0.00	31.45 -1.48 0.00	45.09 -2.32 0.00	42.68 -2.51 0.00	41.36 -1.98 0.00	37.97 -1.25 0.00	36.23 -1.14 0.00	36.09 -0.88 0.00	37.56 -0.88 0.00	39.61 -0.75 0.00	44.92 -0.59 0.00	44.53 -1.19 0.00	46.42 -1.51 0.00	98.06 -5.18 0.00	78.78 -3.82 0.00	50.67 -2.50 0.00	52.14 -3.19 0.00	50.90 -3.51 0.00	47.52 -3.14 0.00	39.98 -2.41 0.00
NGRID_A2_DSASP 323793	34.47 -1.48 0.00	29.61 -1.59 0.00	26.75 -1.46 0.00	25.94 -1.36 0.00	26.23 -1.47 0.00	31.45 -1.48 0.00	45.09 -2.32 0.00	42.68 -2.51 0.00	41.36 -1.98 0.00	37.97 -1.25 0.00	36.23 -1.14 0.00	36.09 -0.88 0.00	37.56 -0.88 0.00	39.61 -0.75 0.00	44.92 -0.59 0.00	44.53 -1.19 0.00	46.42 -1.51 0.00	98.06 -5.18 0.00	78.78 -3.82 0.00	50.67 -2.50 0.00	52.14 -3.19 0.00	50.90 -3.51 0.00	47.52 -3.14 0.00	39.98 -2.41 0.00
NGRID_A4_DSASP 323807	34.47 -1.48 0.00	29.61 -1.59 0.00	26.75 -1.46 0.00	25.94 -1.36 0.00	26.23 -1.47 0.00	31.45 -1.48 0.00	45.09 -2.32 0.00	42.68 -2.51 0.00	41.36 -1.98 0.00	37.97 -1.25 0.00	36.23 -1.14 0.00	36.09 -0.88 0.00	37.56 -0.88 0.00	39.61 -0.75 0.00	44.92 -0.59 0.00	44.53 -1.19 0.00	46.42 -1.51 0.00	98.06 -5.18 0.00	78.78 -3.82 0.00	50.67 -2.50 0.00	52.14 -3.19 0.00	50.90 -3.51 0.00	47.52 -3.14 0.00	39.98 -2.41 0.00
NIAGARA_115E_LBMP 323715	34.20 -1.75 0.00	29.36 -1.84 0.00	26.55 -1.66 0.00	25.75 -1.55 0.00	26.04 -1.66 0.00	31.23 -1.70 0.00	44.75 -2.66 0.00	42.54 -2.66 0.00	41.28 -2.07 0.00	37.86 -1.36 0.00	36.11 -1.25 0.00	35.94 -1.03 0.00	37.38 -1.05 0.00	39.43 -0.93 0.00	44.75 -0.75 0.00	44.61 -1.11 0.00	46.54 -1.39 0.00	98.48 -4.75 0.00	79.18 -3.41 0.00	50.96 -2.20 0.00	52.42 -2.91 0.00	51.17 -3.25 0.00	47.37 -3.28 0.00	39.71 -2.67 0.00
NIAGARA_115W_LBMP 323714	34.43 -1.52 0.00	29.58 -1.63 0.00	26.72 -1.50 0.00	25.91 -1.39 0.00	26.19 -1.51 0.00	31.41 -1.53 0.00	45.04 -2.37 0.00	42.61 -2.59 0.00	41.29 -2.06 0.00	37.91 -1.31 0.00	36.18 -1.18 0.00	36.04 -0.93 0.00	37.48 -0.95 0.00	39.52 -0.84 0.00	44.84 -0.66 0.00	44.42 -1.29 0.00	46.29 -1.64 0.00	97.80 -5.44 0.00	78.55 -4.05 0.00	50.55 -2.62 0.00	52.01 -3.31 0.00	50.77 -3.65 0.00	47.44 -3.21 0.00	39.92 -2.46 0.00
NIAGARA_230_LBMP 323716	34.52 -1.43 0.00	29.66 -1.55 0.00	26.80 -1.41 0.00	25.99 -1.31 0.00	26.28 -1.42 0.00	31.50 -1.43 0.00	45.19 -2.21 0.00	42.94 -2.25 0.00	41.63 -1.72 0.00	38.19 -1.03 0.00	36.43 -0.93 0.00	36.27 -0.70 0.00	37.75 -0.68 0.00	39.80 -0.56 0.00	45.16 -0.34 0.00	44.97 -0.74 0.00	46.93 -1.01 0.00	99.42 -3.82 0.00	79.90 -2.70 0.00	51.36 -1.81 0.00	52.85 -2.48 0.00	51.59 -2.82 0.00	47.79 -2.85 0.00	40.06 -2.32 0.00
NIAGARA___115KV_198_GIBSON 55903	34.43 -1.52 0.00	29.58 -1.63 0.00	26.71 -1.50 0.00	25.91 -1.39 0.00	26.19 -1.51 0.00	31.41 -1.52 0.00	45.03 -2.37 0.00	42.61 -2.58 0.00	41.30 -2.05 0.00	37.90 -1.32 0.00	36.17 -1.20 0.00	36.02 -0.95 0.00	37.48 -0.95 0.00	39.52 -0.83 0.00	44.83 -0.68 0.00	44.42 -1.29 0.00	46.29 -1.65 0.00	97.79 -5.45 0.00	78.56 -4.04 0.00	50.55 -2.62 0.00	52.01 -3.31 0.00	50.77 -3.64 0.00	47.44 -3.21 0.00	39.93 -2.45 0.00
NIAGARA___ 23760	34.52 -1.43 0.00	29.66 -1.55 0.00	26.80 -1.41 0.00	25.99 -1.31 0.00	26.28 -1.42 0.00	31.50 -1.43 0.00	45.19 -2.21 0.00	42.94 -2.25 0.00	41.63 -1.72 0.00	38.19 -1.03 0.00	36.43 -0.93 0.00	36.27 -0.70 0.00	37.75 -0.68 0.00	39.80 -0.56 0.00	45.16 -0.34 0.00	44.97 -0.74 0.00	46.93 -1.01 0.00	99.42 -3.82 0.00	79.90 -2.70 0.00	51.36 -1.81 0.00	52.85 -2.48 0.00	51.59 -2.82 0.00	47.79 -2.85 0.00	40.06 -2.32 0.00

NINE_MILE_1 23575	34.87 -1.08 0.00	30.22 -0.98 0.00	27.34 -0.88 0.00	26.46 -0.85 0.00	26.82 -0.87 0.00	31.95 -0.99 0.00	45.92 -1.49 0.00	43.63 -1.57 0.00	41.79 -1.56 0.00	37.79 -1.43 0.00	35.99 -1.37 0.00	35.65 -1.32 0.00	37.10 -1.34 0.00	39.02 -1.34 0.00	44.03 -1.47 0.00	44.27 -1.44 0.00	46.43 -1.50 0.00	100.17 -3.07 0.00	80.35 -2.24 0.00	51.65 -1.52 0.00	53.55 -1.78 0.00	52.58 -1.84 0.00	48.85 -1.80 0.00	40.91 -1.47 0.00
NINE_MILE_2 23744	34.87 -1.08 0.00	30.22 -0.98 0.00	27.34 -0.88 0.00	26.46 -0.85 0.00	26.83 -0.86 0.00	31.95 -0.98 0.00	45.92 -1.49 0.00	43.63 -1.57 0.00	41.79 -1.56 0.00	37.79 -1.43 0.00	35.99 -1.37 0.00	35.65 -1.32 0.00	37.10 -1.34 0.00	39.02 -1.34 0.00	44.03 -1.47 0.00	44.27 -1.44 0.00	46.43 -1.50 0.00	100.17 -3.07 0.00	80.35 -2.24 0.00	51.65 -1.52 0.00	53.55 -1.78 0.00	52.58 -1.84 0.00	48.85 -1.80 0.00	40.91 -1.47 0.00
NM_CAPITAL___DRP 24208	36.50 0.55 0.00	31.77 0.57 0.00	28.74 0.53 0.00	27.81 0.51 0.00	28.21 0.51 0.00	33.52 0.59 0.00	48.28 0.88 0.00	46.06 0.87 0.00	44.19 0.84 0.00	39.91 0.69 0.00	37.94 0.57 0.00	37.47 0.50 0.00	38.95 0.52 0.00	40.87 0.51 0.00	45.98 0.48 0.00	46.33 0.61 0.00	48.68 0.75 0.00	105.58 2.34 0.00	84.53 1.93 0.00	54.23 1.07 0.00	56.25 0.92 0.00	55.39 0.97 0.00	51.64 0.99 0.00	43.12 0.74 0.00
NM_CENTRAL___DRP 24181	35.47 -0.47 0.00	30.72 -0.48 0.00	27.79 -0.42 0.00	26.89 -0.41 0.00	27.27 -0.42 0.00	32.51 -0.42 0.00	46.86 -0.54 0.00	44.59 -0.61 0.00	42.87 -0.48 0.00	38.72 -0.50 0.00	36.87 -0.50 0.00	36.57 -0.40 0.00	38.09 -0.34 0.00	40.12 -0.24 0.00	45.29 -0.21 0.00	45.61 -0.10 0.00	47.91 -0.03 0.00	103.60 0.36 0.00	83.26 0.67 0.00	53.33 0.16 0.00	55.11 -0.22 0.00	54.05 -0.36 0.00	50.14 -0.51 0.00	41.94 -0.45 0.00
NM_FRONTIER___DRP 24179	34.43 -1.52 0.00	29.58 -1.63 0.00	26.71 -1.50 0.00	25.91 -1.39 0.00	26.19 -1.51 0.00	31.41 -1.52 0.00	45.03 -2.37 0.00	42.61 -2.58 0.00	41.30 -2.05 0.00	37.90 -1.32 0.00	36.17 -1.20 0.00	36.02 -0.95 0.00	37.48 -0.95 0.00	39.52 -0.83 0.00	44.83 -0.68 0.00	44.42 -1.29 0.00	46.29 -1.65 0.00	97.79 -5.45 0.00	78.56 -4.04 0.00	50.55 -2.62 0.00	52.01 -3.31 0.00	50.77 -3.64 0.00	47.44 -3.21 0.00	39.93 -2.45 0.00
NM_ST_REGIS___HYD 24053	36.49 0.54 0.00	31.68 0.48 0.00	28.56 0.35 0.00	27.63 0.34 0.00	28.08 0.39 0.00	33.49 0.55 0.00	48.25 0.84 0.00	46.03 0.84 0.00	44.27 0.92 0.00	40.19 0.97 0.00	38.36 0.99 0.00	37.96 0.99 0.00	39.45 1.02 0.00	41.02 0.66 0.00	45.97 0.46 0.00	46.00 0.29 0.00	48.13 0.19 0.00	103.47 0.23 0.00	83.19 0.60 0.00	53.95 0.78 0.00	56.47 1.15 0.00	55.51 1.09 0.00	51.60 0.96 0.00	43.01 0.63 0.00
NORTHPORT___1 23551	36.98 1.03 0.00	32.22 1.02 0.00	29.21 1.00 0.00	28.23 0.92 0.00	28.89 1.19 0.00	34.01 1.08 0.00	48.96 1.55 0.00	47.27 2.08 0.00	45.56 2.21 0.00	58.95 1.60 -18.13	60.54 1.52 -21.65	44.69 1.49 -6.23	44.02 1.57 -4.02	42.43 2.07 0.00	47.96 2.46 0.00	47.61 1.89 0.00	49.71 1.78 0.00	107.14 3.90 0.00	84.93 2.34 0.00	54.33 1.16 0.00	56.10 0.77 0.00	55.36 0.94 0.00	51.71 1.06 0.00	43.91 1.53 0.00
NORTHPORT___2 23552	36.98 1.03 0.00	32.22 1.02 0.00	29.21 1.00 0.00	28.23 0.92 0.00	28.89 1.19 0.00	34.01 1.08 0.00	48.96 1.55 0.00	47.27 2.08 0.00	45.56 2.21 0.00	58.95 1.60 -18.13	60.54 1.52 -21.65	44.69 1.49 -6.23	44.02 1.57 -4.02	42.43 2.07 0.00	47.96 2.46 0.00	47.61 1.89 0.00	49.71 1.78 0.00	107.14 3.90 0.00	84.93 2.34 0.00	54.33 1.16 0.00	56.10 0.77 0.00	55.36 0.94 0.00	51.71 1.06 0.00	43.91 1.53 0.00
NORTHPORT___3 23553	37.00 1.05 0.00	32.23 1.02 0.00	29.21 1.00 0.00	28.23 0.92 0.00	28.87 1.18 0.00	34.02 1.08 0.00	48.98 1.57 0.00	47.29 2.10 0.00	45.57 2.22 0.00	58.98 1.63 -18.13	60.58 1.56 -21.65	44.73 1.53 -6.23	44.06 1.61 -4.02	42.49 2.13 0.00	48.02 2.51 0.00	47.71 1.99 0.00	49.84 1.91 0.00	107.41 4.17 0.00	85.19 2.59 0.00	54.47 1.31 0.00	56.22 0.89 0.00	55.45 1.03 0.00	51.79 1.14 0.00	43.94 1.56 0.00
NORTHPORT___4 23650	37.00 1.05 0.00	32.23 1.02 0.00	29.21 1.00 0.00	28.23 0.92 0.00	28.87 1.18 0.00	34.02 1.08 0.00	48.98 1.57 0.00	47.29 2.10 0.00	45.57 2.22 0.00	58.98 1.63 -18.13	60.58 1.56 -21.65	44.73 1.53 -6.23	44.06 1.61 -4.02	42.49 2.13 0.00	48.02 2.51 0.00	47.71 1.99 0.00	49.84 1.91 0.00	107.41 4.17 0.00	85.19 2.59 0.00	54.47 1.31 0.00	56.22 0.89 0.00	55.45 1.03 0.00	51.79 1.14 0.00	43.94 1.56 0.00
NORTHPORT___IC 23718	36.98 1.03 0.00	32.22 1.02 0.00	29.21 1.00 0.00	28.23 0.92 0.00	28.89 1.19 0.00	34.01 1.08 0.00	48.96 1.55 0.00	47.28 2.08 0.00	45.55 2.20 0.00	58.95 1.60 -18.13	60.54 1.52 -21.65	44.69 1.49 -6.23	44.02 1.56 -4.02	42.43 2.08 0.00	47.97 2.46 0.00	47.61 1.89 0.00	49.71 1.78 0.00	107.11 3.88 0.00	84.93 2.34 0.00	54.32 1.16 0.00	56.10 0.77 0.00	55.34 0.92 0.00	51.72 1.07 0.00	43.91 1.53 0.00
NORTH___COUNTRY_ESR 323785	35.97 0.02 0.00	31.24 0.03 0.00	28.19 -0.02 0.00	27.28 -0.02 0.00	27.70 0.02 0.00	33.03 0.09 0.00	47.60 0.19 0.00	45.38 0.18 0.00	43.62 0.27 0.00	39.61 0.39 0.00	37.79 0.43 0.00	37.36 0.40 0.00	38.81 0.37 0.00	40.49 0.14 0.00	45.56 0.06 0.00	45.62 -0.10 0.00	47.76 -0.18 0.00	102.47 -0.77 0.00	82.01 -0.59 0.00	53.11 -0.06 0.00	55.58 0.25 0.00	54.66 0.25 0.00	50.93 0.28 0.00	42.49 0.11 0.00
NPX_GEN_1385_PROXY 323591	37.12 1.18 0.00	32.36 1.16 0.00	29.35 1.14 0.00	28.65 1.34 0.00	29.29 1.59 0.00	33.92 0.99 0.00	49.09 1.69 0.00	47.08 1.88 0.00	45.37 2.02 0.00	58.89 1.54 -18.13	60.45 1.43 -21.65	44.30 1.10 -6.23	43.35 0.89 -4.02	41.28 0.92 0.00	46.92 1.42 0.00	46.73 1.01 0.00	49.04 1.10 0.00	106.01 2.77 0.00	84.10 1.50 0.00	53.96 0.79 0.00	55.40 0.98 0.92	55.87 1.46 0.00	51.86 1.21 0.00	44.21 1.83 0.00
NPX_GEN_CSC 323557	36.68 0.73 0.00	32.28 1.08 0.00	29.41 1.20 0.00	28.24 0.94 0.00	29.34 1.65 0.00	34.58 1.64 0.00	49.14 1.73 0.00	47.80 2.60 0.00	46.26 2.92 0.00	59.01 1.66 -18.13	60.19 1.18 -21.65	44.33 1.13 -6.23	43.71 1.26 -4.02	42.21 1.85 0.00	47.82 2.32 0.00	47.69 1.97 0.00	49.90 1.97 0.00	107.67 4.43 0.00	85.16 2.56 0.00	54.38 1.22 0.00	55.22 0.81 0.92	55.41 0.99 0.00	51.66 1.01 0.00	43.70 1.32 0.00
NSINS_S_GLNS_FALLS 23858	37.40 1.45 0.00	32.52 1.32 0.00	29.43 1.22 0.00	28.45 1.15 0.00	28.90 1.21 0.00	34.45 1.52 0.00	49.75 2.35 0.00	47.25 2.05 0.00	45.08 1.73 0.00	40.40 1.18 0.00	38.13 0.76 0.00	37.48 0.51 0.00	38.86 0.43 0.00	40.82 0.47 0.00	46.05 0.54 0.00	46.74 1.03 0.00	49.51 1.58 0.00	108.20 4.96 0.00	87.34 4.74 0.00	56.22 3.06 0.00	58.26 2.93 0.00	57.33 2.91 0.00	53.36 2.71 0.00	44.25 1.87 0.00

NUCOR_STEEL____DRP 24197	35.77 -0.17 0.00	30.97 -0.23 0.00	28.02 -0.19 0.00	27.23 -0.07 0.00	27.52 -0.17 0.00	32.95 0.02 0.00	47.48 0.08 0.00	45.34 0.14 0.00	44.05 0.70 0.00	39.39 0.17 0.00	37.56 0.20 0.00	37.27 0.30 0.00	38.88 0.45 0.00	40.97 0.61 0.00	46.13 0.62 0.00	46.45 0.74 0.00	49.22 1.29 0.00	106.79 3.56 0.00	85.89 3.29 0.00	54.65 1.48 0.00	55.94 0.61 0.00	55.03 0.61 0.00	50.84 0.19 0.00	42.50 0.12 0.00
NUMBER_THREE_WT_PWR 323818	36.52 0.57 0.00	31.83 0.63 0.00	28.61 0.40 0.00	27.67 0.37 0.00	28.04 0.34 0.00	33.30 0.37 0.00	48.00 0.59 0.00	45.86 0.67 0.00	43.99 0.64 0.00	39.87 0.65 0.00	37.90 0.54 0.00	37.50 0.54 0.00	38.88 0.45 0.00	40.94 0.58 0.00	45.99 0.48 0.00	46.21 0.50 0.00	48.43 0.49 0.00	105.27 2.03 0.00	85.69 3.09 0.00	55.66 2.49 0.00	57.88 2.55 0.00	56.83 2.41 0.00	52.82 2.17 0.00	44.02 1.64 0.00
NYISO_LBMP_REFERENCE 24008	35.95 0.00 0.00	31.20 0.00 0.00	28.21 0.00 0.00	27.30 0.00 0.00	27.69 0.00 0.00	32.93 0.00 0.00	47.41 0.00 0.00	45.20 0.00 0.00	43.35 0.00 0.00	39.22 0.00 0.00	37.36 0.00 0.00	36.97 0.00 0.00	38.43 0.00 0.00	40.35 0.00 0.00	45.50 0.00 0.00	45.71 0.00 0.00	47.93 0.00 0.00	103.24 0.00 0.00	82.60 0.00 0.00	53.17 0.00 0.00	55.33 0.00 0.00	54.41 0.00 0.00	50.65 0.00 0.00	42.38 0.00 0.00
NYPA_BRENTWD____GT 24164	37.37 1.42 0.00	32.56 1.36 0.00	29.51 1.30 0.00	28.49 1.19 0.00	29.17 1.48 0.00	34.40 1.47 0.00	49.54 2.13 0.00	47.89 2.69 0.00	46.16 2.81 0.00	59.42 2.07 -18.13	60.96 1.94 -21.65	45.13 1.93 -6.23	44.49 2.03 -4.02	43.00 2.64 0.00	48.65 3.14 0.00	48.46 2.75 0.00	50.65 2.72 0.00	109.32 6.08 0.00	86.30 3.70 0.00	55.25 2.08 0.00	57.18 1.85 0.00	56.35 1.94 0.00	52.54 1.89 0.00	44.48 2.10 0.00
NYPA_GOWANUS____GT5 24156	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.07 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	47.00 1.80 0.00	45.36 2.01 0.00	59.33 1.78 -18.33	60.99 1.73 -21.90	47.43 1.88 -8.59	48.23 1.75 -8.05	49.29 2.15 -6.79	48.07 2.56 0.00	48.05 2.34 0.00	50.19 2.26 0.00	108.63 5.39 0.00	86.83 4.23 0.00	55.12 1.95 0.00	56.53 1.21 0.00	55.49 1.08 0.00	52.02 1.37 0.00	43.99 1.61 0.00
NYPA_GOWANUS____GT6 24157	36.99 1.04 0.00	32.04 0.84 0.00	29.02 0.81 0.00	28.07 0.77 0.00	28.43 0.74 0.00	33.76 0.83 0.00	48.74 1.33 0.00	47.00 1.80 0.00	45.36 2.01 0.00	59.33 1.78 -18.33	60.99 1.73 -21.90	47.43 1.88 -8.59	48.23 1.75 -8.05	49.29 2.15 -6.79	48.07 2.56 0.00	48.05 2.34 0.00	50.19 2.26 0.00	108.63 5.39 0.00	86.83 4.23 0.00	55.12 1.95 0.00	56.53 1.21 0.00	55.49 1.08 0.00	52.02 1.37 0.00	43.99 1.61 0.00
NYPA_HARLEM__RVR__GT1 24160	36.94 0.99 0.00	32.00 0.80 0.00	29.00 0.79 0.00	28.09 0.79 0.00	28.33 0.64 0.00	33.77 0.83 0.00	48.79 1.39 0.00	47.02 1.83 0.00	45.42 2.07 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.39 1.83 -8.59	48.27 1.79 -8.05	49.37 2.23 -6.79	48.09 2.58 0.00	48.04 2.32 0.00	50.15 2.21 0.00	108.58 5.34 0.00	86.81 4.22 0.00	55.03 1.86 0.00	56.49 1.16 0.00	55.39 0.99 0.02	51.94 1.29 0.00	43.93 1.54 0.00
NYPA_HARLEM__RVR__GT2 24161	36.94 0.99 0.00	32.00 0.80 0.00	29.00 0.79 0.00	28.09 0.79 0.00	28.33 0.64 0.00	33.77 0.83 0.00	48.79 1.39 0.00	47.02 1.83 0.00	45.42 2.07 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.39 1.83 -8.59	48.27 1.79 -8.05	49.37 2.23 -6.79	48.09 2.58 0.00	48.04 2.32 0.00	50.15 2.21 0.00	108.58 5.34 0.00	86.81 4.22 0.00	55.03 1.86 0.00	56.49 1.16 0.00	55.39 0.99 0.02	51.94 1.29 0.00	43.93 1.54 0.00
NYPA_KENT____GT 24152	37.02 1.06 0.00	32.06 0.86 0.00	29.04 0.83 0.00	28.09 0.78 0.00	28.45 0.76 0.00	33.78 0.85 0.00	48.79 1.38 0.00	47.04 1.84 0.00	45.40 2.05 0.00	59.40 1.85 -18.33	61.05 1.78 -21.90	47.48 1.93 -8.59	48.35 1.86 -8.05	49.40 2.26 -6.79	48.11 2.61 0.00	48.07 2.35 0.00	50.22 2.28 0.00	108.70 5.46 0.00	86.84 4.25 0.00	55.12 1.95 0.00	56.53 1.21 0.00	55.47 1.05 0.00	52.01 1.36 0.00	43.99 1.61 0.00
NYPA_POUCH1____GT 24155	36.95 1.00 0.00	32.01 0.81 0.00	29.00 0.78 0.00	28.06 0.76 0.00	28.42 0.73 0.00	33.74 0.80 0.00	48.67 1.26 0.00	46.88 1.68 0.00	45.26 1.91 0.00	59.26 1.71 -18.33	60.90 1.64 -21.90	47.38 1.82 -8.59	48.07 1.59 -8.05	49.12 1.98 -6.79	48.00 2.50 0.00	48.04 2.32 0.00	50.19 2.25 0.00	108.51 5.27 0.00	86.78 4.18 0.00	55.11 1.94 0.00	56.50 1.18 0.00	55.45 1.04 0.00	51.98 1.33 0.00	43.99 1.61 0.00
NYPA_VERNON____GT2 24162	37.04 1.09 0.00	32.08 0.88 0.00	29.06 0.84 0.00	28.11 0.81 0.00	28.46 0.77 0.00	33.80 0.86 0.00	48.83 1.43 0.00	47.10 1.90 0.00	45.45 2.10 0.00	59.46 1.91 -18.33	61.10 1.84 -21.90	47.54 1.98 -8.59	48.46 1.97 -8.05	49.51 2.37 -6.79	48.17 2.67 0.00	48.09 2.38 0.00	50.24 2.31 0.00	108.73 5.49 0.00	86.85 4.26 0.00	55.10 1.93 0.00	56.53 1.20 0.00	55.43 1.02 0.00	51.99 1.34 0.00	43.99 1.61 0.00
NYPA_VERNON____GT3 24163	37.04 1.09 0.00	32.08 0.88 0.00	29.06 0.84 0.00	28.11 0.81 0.00	28.46 0.77 0.00	33.80 0.86 0.00	48.83 1.43 0.00	47.10 1.90 0.00	45.45 2.10 0.00	59.46 1.91 -18.33	61.10 1.84 -21.90	47.54 1.98 -8.59	48.46 1.97 -8.05	49.51 2.37 -6.79	48.17 2.67 0.00	48.09 2.38 0.00	50.24 2.31 0.00	108.73 5.49 0.00	86.85 4.26 0.00	55.10 1.93 0.00	56.53 1.20 0.00	55.43 1.02 0.00	51.99 1.34 0.00	43.99 1.61 0.00
NYPA__ASTORIA_CC1 323568	36.98 1.03 0.00	32.04 0.84 0.00	29.02 0.80 0.00	28.07 0.77 0.00	28.42 0.72 0.00	33.75 0.82 0.00	48.75 1.34 0.00	47.01 1.81 0.00	45.38 2.03 0.00	59.37 1.82 -18.33	61.02 1.76 -21.90	47.46 1.90 -8.59	48.37 1.88 -8.05	49.42 2.27 -6.79	48.07 2.57 0.00	47.99 2.27 0.00	50.12 2.18 0.00	108.49 5.25 0.00	86.66 4.07 0.00	54.97 1.80 0.00	56.40 1.07 0.00	55.33 0.91 0.00	51.89 1.24 0.00	43.92 1.54 0.00
NYPA__ASTORIA_CC2 323569	36.98 1.03 0.00	32.04 0.84 0.00	29.02 0.80 0.00	28.07 0.77 0.00	28.42 0.72 0.00	33.75 0.82 0.00	48.75 1.34 0.00	47.01 1.81 0.00	45.38 2.03 0.00	59.37 1.82 -18.33	61.02 1.76 -21.90	47.46 1.90 -8.59	48.37 1.88 -8.05	49.42 2.27 -6.79	48.07 2.57 0.00	47.99 2.27 0.00	50.12 2.18 0.00	108.49 5.25 0.00	86.66 4.07 0.00	54.97 1.80 0.00	56.40 1.07 0.00	55.33 0.91 0.00	51.89 1.24 0.00	43.92 1.54 0.00
NYPA__HOLTSVILL 23794	37.03 1.08 0.00	32.34 1.14 0.00	29.36 1.15 0.00	28.31 1.01 0.00	29.09 1.40 0.00	34.30 1.36 0.00	49.21 1.80 0.00	47.64 2.45 0.00	45.97 2.62 0.00	59.09 1.75 -18.13	60.57 1.56 -21.65	44.70 1.51 -6.23	44.06 1.61 -4.02	42.55 2.19 0.00	48.12 2.62 0.00	47.93 2.22 0.00	50.11 2.18 0.00	107.98 4.74 0.00	85.46 2.86 0.00	54.64 1.48 0.00	56.41 1.08 0.00	55.69 1.28 0.00	51.97 1.32 0.00	44.01 1.63 0.00

NYPA_____HELLGATE_GT1 24158	36.94 0.99 0.00	32.00 0.80 0.00	29.00 0.79 0.00	28.09 0.79 0.00	28.33 0.64 0.00	33.77 0.83 0.00	48.79 1.39 0.00	47.02 1.83 0.00	45.42 2.07 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.39 1.83 -8.59	48.27 1.79 -8.05	49.37 2.23 -6.79	48.09 2.58 0.00	48.04 2.32 0.00	50.15 2.21 0.00	108.65 5.41 0.00	86.90 4.30 0.00	55.08 1.91 0.00	56.52 1.20 0.00	55.46 1.04 -0.01	51.97 1.32 0.00	43.94 1.56 0.00
NYPA_____HELLGATE_GT2 24159	36.94 0.99 0.00	32.00 0.80 0.00	29.00 0.79 0.00	28.09 0.79 0.00	28.33 0.64 0.00	33.77 0.83 0.00	48.79 1.39 0.00	47.02 1.83 0.00	45.42 2.07 0.00	59.33 1.78 -18.33	60.98 1.72 -21.90	47.39 1.83 -8.59	48.27 1.79 -8.05	49.37 2.23 -6.79	48.09 2.58 0.00	48.04 2.32 0.00	50.15 2.21 0.00	108.65 5.41 0.00	86.90 4.30 0.00	55.08 1.91 0.00	56.52 1.20 0.00	55.46 1.04 -0.01	51.97 1.32 0.00	43.94 1.56 0.00
NYS_BARGE___HYD 23848	34.75 -1.20 0.00	29.82 -1.38 0.00	26.96 -1.26 0.00	26.13 -1.17 0.00	26.43 -1.26 0.00	31.71 -1.23 0.00	45.49 -1.91 0.00	43.25 -1.94 0.00	41.89 -1.45 0.00	38.34 -0.88 0.00	36.56 -0.80 0.00	36.41 -0.56 0.00	37.87 -0.57 0.00	39.95 -0.41 0.00	45.37 -0.13 0.00	45.25 -0.46 0.00	47.27 -0.67 0.00	100.33 -2.91 0.00	80.82 -1.78 0.00	52.01 -1.16 0.00	53.51 -1.82 0.00	52.17 -2.25 0.00	48.25 -2.40 0.00	40.40 -1.98 0.00
OAK ORCHARD___HYD 24046	35.46 -0.49 0.00	30.55 -0.65 0.00	27.59 -0.62 0.00	26.73 -0.57 0.00	27.06 -0.63 0.00	32.40 -0.53 0.00	46.63 -0.78 0.00	44.34 -0.85 0.00	42.72 -0.63 0.00	38.83 -0.39 0.00	37.05 -0.31 0.00	36.86 -0.11 0.00	38.41 -0.02 0.00	40.56 0.21 0.00	46.02 0.51 0.00	46.13 0.42 0.00	48.40 0.46 0.00	103.62 0.38 0.00	83.45 0.85 0.00	53.57 0.40 0.00	55.21 -0.12 0.00	53.91 -0.51 0.00	49.80 -0.84 0.00	41.62 -0.76 0.00
OAKDALE___35_KV_LOAD 356122	35.74 -0.22 0.00	30.93 -0.27 0.00	28.03 -0.18 0.00	27.10 -0.20 0.00	27.50 -0.19 0.00	32.76 -0.18 0.00	47.22 -0.19 0.00	44.96 -0.24 0.00	43.20 -0.14 0.00	39.06 -0.16 0.00	37.17 -0.19 0.00	36.83 -0.14 0.00	38.29 -0.14 0.00	40.38 0.03 0.00	45.64 0.14 0.00	45.90 0.18 0.00	48.03 0.10 0.00	104.12 0.88 0.00	83.70 1.11 0.00	53.65 0.48 0.00	55.28 -0.05 0.00	54.29 -0.13 0.00	50.32 -0.33 0.00	42.16 -0.22 0.00
OCC_CHEM___DRP 24175	34.47 -1.48 0.00	29.61 -1.59 0.00	26.75 -1.46 0.00	25.94 -1.36 0.00	26.23 -1.47 0.00	31.45 -1.48 0.00	45.09 -2.32 0.00	42.68 -2.51 0.00	41.36 -1.98 0.00	37.97 -1.25 0.00	36.23 -1.14 0.00	36.09 -0.88 0.00	37.56 -0.88 0.00	39.61 -0.75 0.00	44.92 -0.59 0.00	44.53 -1.19 0.00	46.42 -1.51 0.00	98.06 -5.18 0.00	78.78 -3.82 0.00	50.67 -2.60 0.00	52.14 -3.19 0.00	50.90 -3.51 0.00	47.52 -3.14 0.00	39.98 -2.41 0.00
OH_GEN_PROXY 24063	34.55 -1.40 0.00	29.69 -1.51 0.00	26.83 -1.38 0.00	26.01 -1.29 0.00	26.31 -1.38 0.00	31.54 -1.40 0.00	45.26 -2.15 0.00	43.02 -2.17 0.00	41.71 -1.64 0.00	38.24 -0.98 0.00	36.48 -0.88 0.00	36.32 -0.65 0.00	37.80 -0.63 0.00	39.86 -0.50 0.00	45.22 -0.28 0.00	45.05 -0.66 0.00	47.02 -0.92 0.00	99.72 -3.52 0.00	80.12 -2.48 0.00	51.47 -1.70 0.00	52.04 -2.37 0.92	51.71 -2.70 0.00	47.86 -2.79 0.00	40.11 -2.27 0.00
OLIN_CORP_DRP 24177	34.27 -1.68 0.00	29.43 -1.78 0.00	26.60 -1.61 0.00	25.80 -1.51 0.00	26.08 -1.61 0.00	31.29 -1.64 0.00	44.84 -2.56 0.00	42.63 -2.56 0.00	41.37 -1.98 0.00	37.93 -1.29 0.00	36.18 -1.18 0.00	36.01 -0.96 0.00	37.45 -0.98 0.00	39.52 -0.84 0.00	44.84 -0.66 0.00	44.70 -1.01 0.00	46.66 -1.28 0.00	98.69 -4.55 0.00	79.36 -3.23 0.00	51.07 -2.10 0.00	52.53 -2.80 0.00	51.28 -3.13 0.00	47.47 -3.18 0.00	39.78 -2.60 0.00
OLIN_CORP_DSASP 323712	34.47 -1.48 0.00	29.61 -1.59 0.00	26.75 -1.46 0.00	25.94 -1.36 0.00	26.23 -1.47 0.00	31.45 -1.48 0.00	45.09 -2.32 0.00	42.68 -2.51 0.00	41.36 -1.98 0.00	37.97 -1.25 0.00	36.23 -1.14 0.00	36.09 -0.88 0.00	37.56 -0.88 0.00	39.61 -0.75 0.00	44.92 -0.59 0.00	44.53 -1.19 0.00	46.42 -1.51 0.00	98.06 -5.18 0.00	78.78 -3.82 0.00	50.67 -2.50 0.00	52.14 -3.19 0.00	50.90 -3.51 0.00	47.52 -3.14 0.00	39.98 -2.41 0.00
ONEIDA_____HERK_LFGE 323681	36.57 0.62 0.00	31.81 0.60 0.00	28.68 0.47 0.00	27.73 0.44 0.00	28.12 0.42 0.00	33.49 0.56 0.00	48.29 0.88 0.00	46.05 0.86 0.00	44.09 0.74 0.00	39.79 0.57 0.00	37.81 0.45 0.00	37.42 0.45 0.00	38.86 0.43 0.00	40.93 0.57 0.00	46.17 0.67 0.00	46.41 0.70 0.00	48.73 0.80 0.00	105.83 2.59 0.00	85.53 2.93 0.00	55.27 2.10 0.00	57.35 2.02 0.00	56.31 1.89 0.00	52.29 1.64 0.00	43.60 1.22 0.00
ONEIDA_____115KV_TB4 55905	36.63 0.68 0.00	31.78 0.58 0.00	28.72 0.51 0.00	27.77 0.46 0.00	28.17 0.48 0.00	33.61 0.68 0.00	48.50 1.09 0.00	46.18 0.99 0.00	44.10 0.76 0.00	39.65 0.43 0.00	37.68 0.31 0.00	37.31 0.34 0.00	38.79 0.36 0.00	40.94 0.58 0.00	46.32 0.81 0.00	46.56 0.84 0.00	48.98 1.05 0.00	106.40 3.17 0.00	85.82 3.23 0.00	55.38 2.21 0.00	57.30 1.97 0.00	56.22 1.80 0.00	52.12 1.47 0.00	43.48 1.10 0.00
ONONDAGA_REF_OCCRA 23987	35.67 -0.28 0.00	30.88 -0.32 0.00	27.94 -0.28 0.00	27.02 -0.28 0.00	27.42 -0.27 0.00	32.68 -0.25 0.00	47.10 -0.31 0.00	44.84 -0.36 0.00	43.15 -0.20 0.00	38.92 -0.31 0.00	37.04 -0.33 0.00	36.74 -0.23 0.00	38.25 -0.18 0.00	40.29 -0.07 0.00	45.51 0.01 0.00	45.84 0.12 0.00	48.20 0.27 0.00	104.30 1.06 0.00	83.95 1.35 0.00	53.74 0.57 0.00	55.50 0.17 0.00	54.43 0.02 0.00	50.47 -0.18 0.00	42.22 -0.16 0.00
ONONDAGA___COGEN 23986	35.61 -0.34 0.00	30.84 -0.36 0.00	27.90 -0.31 0.00	27.01 -0.30 0.00	27.39 -0.30 0.00	32.67 -0.27 0.00	47.16 -0.25 0.00	44.93 -0.26 0.00	43.61 0.26 0.00	39.23 0.02 0.00	37.35 -0.01 0.00	37.04 0.08 0.00	38.62 0.19 0.00	40.68 0.32 0.00	45.92 0.42 0.00	46.28 0.56 0.00	48.82 0.89 0.00	105.76 2.52 0.00	85.14 2.55 0.00	54.06 0.89 0.00	55.60 0.27 0.00	54.57 0.15 0.00	50.57 -0.08 0.00	42.31 -0.07 0.00
ONTARIO_____LFGE 23819	35.88 -0.07 0.00	30.96 -0.24 0.00	28.02 -0.19 0.00	27.11 -0.19 0.00	27.51 -0.18 0.00	32.92 -0.02 0.00	47.40 0.00 0.00	45.25 0.06 0.00	43.37 0.02 0.00	39.01 -0.21 0.00	37.08 -0.28 0.00	36.81 -0.15 0.00	38.36 -0.07 0.00	40.55 0.20 0.00	45.89 0.39 0.00	46.20 0.49 0.00	48.48 0.55 0.00	105.08 1.84 0.00	85.10 2.51 0.00	54.40 1.23 0.00	55.75 0.42 0.00	54.52 0.11 0.00	50.45 -0.20 0.00	42.30 -0.08 0.00
ORANGEVILLE_WT_PWR 323706	35.27 -0.68 0.00	30.32 -0.88 0.00	27.43 -0.78 0.00	26.54 -0.76 0.00	26.89 -0.80 0.00	32.24 -0.70 0.00	46.36 -1.05 0.00	44.07 -1.13 0.00	42.22 -1.13 0.00	38.36 -0.86 0.00	36.55 -0.81 0.00	36.36 -0.61 0.00	37.83 -0.60 0.00	40.00 -0.36 0.00	45.41 -0.09 0.00	45.49 -0.23 0.00	47.51 -0.43 0.00	102.07 -1.17 0.00	82.57 -0.02 0.00	53.02 -0.15 0.00	54.37 -0.95 0.00	52.95 -1.47 0.00	48.77 -1.88 0.00	40.72 -1.66 0.00

ORANGEVILLE___ESR 323794	35.27 -0.68 0.00	30.32 -0.88 0.00	27.43 -0.78 0.00	26.54 -0.76 0.00	26.89 -0.80 0.00	32.24 -0.70 0.00	46.36 -1.05 0.00	44.07 -1.13 0.00	42.22 -1.13 0.00	38.36 -0.86 0.00	36.55 -0.81 0.00	36.36 -0.61 0.00	37.83 -0.60 0.00	40.00 -0.36 0.00	45.41 -0.09 0.00	45.49 -0.23 0.00	47.51 -0.43 0.00	102.07 -1.17 0.00	82.57 -0.02 0.00	53.02 -0.15 0.00	54.37 -0.95 0.00	52.95 -1.47 0.00	48.77 -1.88 0.00	40.72 -1.66 0.00
OSWEGATCHIE___HYD 24044	36.37 0.42 0.00	31.62 0.42 0.00	28.45 0.24 0.00	27.54 0.24 0.00	27.92 0.23 0.00	33.22 0.28 0.00	47.86 0.45 0.00	45.68 0.49 0.00	43.96 0.61 0.00	39.89 0.67 0.00	37.99 0.63 0.00	37.55 0.59 0.00	38.81 0.38 0.00	40.60 0.24 0.00	45.37 -0.13 0.00	45.40 -0.32 0.00	47.36 -0.57 0.00	102.36 -0.88 0.00	83.00 0.40 0.00	54.05 0.88 0.00	56.57 1.24 0.00	55.69 1.28 0.00	52.00 1.35 0.00	43.50 1.12 0.00
OSWEGO___5 23606	35.10 -0.85 0.00	30.43 -0.78 0.00	27.51 -0.70 0.00	26.62 -0.68 0.00	27.00 -0.69 0.00	32.16 -0.77 0.00	46.26 -1.15 0.00	43.98 -1.22 0.00	42.03 -1.32 0.00	38.00 -1.22 0.00	36.19 -1.17 0.00	35.86 -1.11 0.00	37.31 -1.12 0.00	39.24 -1.12 0.00	44.29 -1.21 0.00	44.51 -1.21 0.00	46.71 -1.22 0.00	100.73 -2.51 0.00	80.83 -1.76 0.00	51.94 -1.23 0.00	53.85 -1.48 0.00	52.90 -1.52 0.00	49.13 -1.52 0.00	41.13 -1.25 0.00
OSWEGO___6 23613	35.10 -0.85 0.00	30.43 -0.78 0.00	27.51 -0.70 0.00	26.62 -0.68 0.00	27.00 -0.69 0.00	32.16 -0.77 0.00	46.26 -1.15 0.00	43.98 -1.22 0.00	42.03 -1.32 0.00	38.00 -1.22 0.00	36.19 -1.17 0.00	35.86 -1.11 0.00	37.31 -1.12 0.00	39.24 -1.12 0.00	44.29 -1.21 0.00	44.51 -1.21 0.00	46.71 -1.22 0.00	100.73 -2.51 0.00	80.83 -1.76 0.00	51.94 -1.23 0.00	53.85 -1.48 0.00	52.90 -1.52 0.00	49.13 -1.52 0.00	41.13 -1.25 0.00
OUTOKUMPU-AB___DRP 24206	35.08 -0.87 0.00	30.09 -1.11 0.00	27.18 -1.03 0.00	26.33 -0.97 0.00	26.63 -1.06 0.00	31.98 -0.96 0.00	45.90 -1.51 0.00	43.58 -1.61 0.00	42.21 -1.14 0.00	38.68 -0.54 0.00	36.92 -0.44 0.00	36.80 -0.17 0.00	38.29 -0.15 0.00	40.43 0.07 0.00	45.91 0.41 0.00	45.75 0.04 0.00	47.72 -0.21 0.00	101.34 -1.90 0.00	81.52 -1.07 0.00	52.38 -0.79 0.00	53.84 -1.49 0.00	52.46 -1.95 0.00	48.65 -2.00 0.00	40.78 -1.59 0.00
OXBOW___BTM 323836	34.74 -1.21 0.00	29.81 -1.40 0.00	26.94 -1.28 0.00	26.11 -1.20 0.00	26.40 -1.30 0.00	31.67 -1.26 0.00	45.45 -1.96 0.00	43.08 -2.12 0.00	41.74 -1.61 0.00	38.30 -0.92 0.00	36.56 -0.81 0.00	36.42 -0.55 0.00	37.90 -0.37 0.00	39.99 -0.37 0.00	45.42 -0.08 0.00	45.13 -0.59 0.00	47.06 -0.87 0.00	99.73 -3.51 0.00	80.16 -2.44 0.00	51.54 -1.63 0.00	52.99 -2.34 0.00	51.67 -2.74 0.00	48.06 -2.59 0.00	40.35 -2.03 0.00
OXBOW___ 24026	34.74 -1.21 0.00	29.81 -1.40 0.00	26.93 -1.28 0.00	26.11 -1.20 0.00	26.39 -1.30 0.00	31.67 -1.26 0.00	45.45 -1.96 0.00	43.08 -2.11 0.00	41.75 -1.60 0.00	38.29 -0.93 0.00	36.54 -0.82 0.00	36.41 -0.56 0.00	37.90 -0.53 0.00	39.99 -0.36 0.00	45.41 -0.10 0.00	45.13 -0.59 0.00	47.07 -0.87 0.00	99.71 -3.53 0.00	80.16 -2.44 0.00	51.54 -1.63 0.00	52.99 -2.34 0.00	51.68 -2.74 0.00	48.06 -2.59 0.00	40.35 -2.03 0.00
OXY_CHEM_DSASP 323612	34.47 -1.48 0.00	29.61 -1.59 0.00	26.75 -1.46 0.00	25.94 -1.36 0.00	26.23 -1.47 0.00	31.45 -1.48 0.00	45.09 -2.32 0.00	42.68 -2.51 0.00	41.36 -1.98 0.00	37.97 -1.25 0.00	36.23 -1.14 0.00	36.09 -0.88 0.00	37.56 -0.88 0.00	39.61 -0.75 0.00	44.92 -0.59 0.00	44.53 -1.19 0.00	46.42 -1.51 0.00	98.06 -5.18 0.00	78.78 -3.82 0.00	50.67 -2.50 0.00	52.14 -3.19 0.00	50.90 -3.51 0.00	47.52 -3.14 0.00	39.98 -2.41 0.00
OZONE_PARK_ESR 323760	37.43 1.49 0.00	32.38 1.18 0.00	29.31 1.10 0.00	28.33 1.03 0.00	28.72 1.03 0.00	34.10 1.17 0.00	49.32 1.91 0.00	47.58 2.39 0.00	45.87 2.52 0.00	59.86 2.31 -18.33	61.47 2.21 -21.90	47.92 2.34 -8.61	48.97 2.44 -8.10	50.08 2.85 -6.87	48.66 3.15 0.00	48.64 2.93 0.00	50.87 2.93 0.00	110.27 7.03 0.00	88.08 5.48 0.00	55.89 2.72 0.00	57.34 2.01 0.00	56.22 1.81 0.00	52.68 2.03 0.00	44.47 2.09 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.47 -1.48 0.00	29.61 -1.59 0.00	26.75 -1.46 0.00	25.94 -1.36 0.00	26.23 -1.47 0.00	31.45 -1.48 0.00	45.09 -2.32 0.00	42.68 -2.51 0.00	41.36 -1.98 0.00	37.97 -1.25 0.00	36.23 -1.14 0.00	36.09 -0.88 0.00	37.56 -0.88 0.00	39.61 -0.75 0.00	44.92 -0.59 0.00	44.53 -1.19 0.00	46.42 -1.51 0.00	98.06 -5.18 0.00	78.78 -3.82 0.00	50.67 -2.50 0.00	52.14 -3.19 0.00	50.90 -3.51 0.00	47.52 -3.14 0.00	39.98 -2.41 0.00
PACKARD_115KV_DUPONT_184 80571	34.47 -1.48 0.00	29.61 -1.59 0.00	26.75 -1.46 0.00	25.94 -1.36 0.00	26.23 -1.46 0.00	31.45 -1.48 0.00	45.09 -2.32 0.00	42.68 -2.52 0.00	41.36 -1.99 0.00	37.97 -1.25 0.00	36.24 -1.12 0.00	36.11 -0.86 0.00	37.56 -0.88 0.00	39.60 -0.75 0.00	44.93 -0.57 0.00	44.53 -1.19 0.00	46.42 -1.51 0.00	98.08 -5.16 0.00	78.77 -3.82 0.00	50.67 -2.50 0.00	52.15 -3.18 0.00	50.89 -3.52 0.00	47.52 -3.13 0.00	39.97 -2.41 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	37.01 1.06 0.00	32.06 0.86 0.00	29.07 0.85 0.00	28.12 0.82 0.00	28.40 0.71 0.00	33.81 0.88 0.00	48.85 1.44 0.00	47.06 1.87 0.00	45.43 2.08 0.00	59.32 1.77 -18.33	60.98 1.72 -21.90	47.38 1.83 -8.59	48.24 1.75 -8.05	49.31 2.17 -6.79	48.05 2.54 0.00	48.03 2.31 0.00	50.18 2.25 0.00	108.75 5.52 0.00	86.98 4.39 0.00	55.19 2.03 0.00	56.67 1.34 0.00	55.61 1.19 -0.01	52.09 1.44 0.00	43.98 1.60 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.78 1.83 0.00	32.71 1.50 0.00	29.65 1.44 0.00	28.67 1.37 0.00	28.95 1.26 0.00	34.50 1.56 0.00	49.85 2.44 0.00	47.96 2.76 0.00	46.28 2.93 0.00	60.04 2.49 -18.33	61.59 2.33 -21.90	48.05 2.49 -8.59	48.89 2.40 -8.05	49.97 2.83 -6.79	48.79 3.29 0.00	48.80 3.09 0.00	50.99 3.06 0.00	110.53 7.29 0.00	88.39 5.80 0.00	56.02 2.85 0.00	57.63 2.30 0.00	56.59 2.17 -0.01	53.05 2.40 0.00	44.83 2.45 0.00
PATROON_115KV_TB1 80586	36.60 0.65 0.00	31.84 0.63 0.00	28.80 0.59 0.00	27.88 0.57 0.00	28.27 0.58 0.00	33.61 0.68 0.00	48.41 1.00 0.00	46.19 1.00 0.00	44.31 0.96 0.00	40.01 0.79 0.00	38.04 0.67 0.00	37.58 0.61 0.00	39.09 0.66 0.00	41.04 0.68 0.00	46.20 0.70 0.00	46.58 0.86 0.00	48.96 1.03 0.00	106.20 2.96 0.00	84.97 2.37 0.00	54.50 1.33 0.00	56.50 1.18 0.00	55.60 1.19 0.00	51.80 1.15 0.00	43.25 0.87 0.00
PATTRSNVILLE___SOLAR 323815	36.83 0.88 0.00	31.98 0.78 0.00	28.92 0.70 0.00	27.99 0.68 0.00	28.38 0.69 0.00	33.76 0.83 0.00	48.73 1.33 0.00	46.34 1.14 0.00	44.01 0.66 0.00	39.52 0.30 0.00	37.64 0.28 0.00	37.08 0.12 0.00	38.55 0.11 0.00	40.55 0.20 0.00	45.73 0.22 0.00	46.22 0.51 0.00	48.78 0.84 0.00	106.42 3.18 0.00	85.56 2.96 0.00	54.97 1.81 0.00	56.99 1.67 0.00	56.05 1.63 0.00	52.13 1.49 0.00	43.55 1.17 0.00

PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.27 -0.68 0.00	30.25 -0.95 0.00	27.34 -0.87 0.00	26.48 -0.82 0.00	26.79 -0.90 0.00	32.17 -0.77 0.00	46.23 -1.17 0.00	43.97 -1.22 0.00	42.56 -0.78 0.00	39.02 -0.20 0.00	37.25 -0.11 0.00	37.08 0.12 0.00	38.68 0.24 0.00	40.77 0.42 0.00	46.38 0.87 0.00	46.42 0.70 0.00	48.49 0.56 0.00	103.16 -0.08 0.00	82.77 0.17 0.00	53.24 0.07 0.00	54.73 -0.60 0.00	53.38 -1.03 0.00	49.15 -1.50 0.00	41.03 -1.35 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	37.08 1.13 0.00	32.14 0.94 0.00	29.08 0.87 0.00	28.13 0.83 0.00	28.54 0.85 0.00	33.91 0.98 0.00	49.02 1.61 0.00	47.13 1.93 0.00	45.34 1.99 0.00	47.53 1.77 -6.54	46.95 1.71 -7.88	40.98 1.74 -2.27	41.72 1.82 -1.46	42.63 2.28 0.00	48.13 2.63 0.00	48.34 2.63 0.00	50.71 2.78 0.00	110.08 6.85 0.00	88.10 5.50 0.00	56.04 2.88 0.00	57.59 2.27 0.00	56.43 2.01 0.00	52.59 1.94 0.00	44.16 1.78 0.00
PEEKSKILL____ 23653	36.77 0.82 0.00	31.86 0.66 0.00	28.84 0.63 0.00	27.88 0.58 0.00	28.29 0.60 0.00	33.59 0.65 0.00	48.53 1.13 0.00	46.69 1.50 0.00	44.95 1.60 0.00	62.05 1.42 -21.40	64.30 1.38 -25.56	45.78 1.46 -7.36	44.70 1.52 -4.75	42.25 1.89 0.00	47.63 2.13 0.00	47.72 2.01 0.00	49.99 2.06 0.00	108.49 5.24 0.00	86.74 4.14 0.00	55.11 1.94 0.00	56.58 1.26 0.00	55.49 1.08 0.00	51.84 1.19 0.00	43.64 1.26 0.00
PGE MADISON____WINDPWR 24146	38.10 2.15 0.00	32.90 1.70 0.00	29.76 1.55 0.00	28.78 1.48 0.00	29.22 1.53 0.00	34.92 1.98 0.00	50.70 3.30 0.00	48.29 3.10 0.00	45.88 2.53 0.00	40.73 1.51 0.00	38.30 0.94 0.00	37.77 0.80 0.00	39.25 0.82 0.00	41.76 1.40 0.00	47.28 1.78 0.00	47.61 1.90 0.00	50.25 2.31 0.00	110.99 7.76 0.00	90.58 7.98 0.00	58.66 5.49 0.00	60.33 5.00 0.00	58.89 4.47 0.00	54.30 3.66 0.00	45.14 2.76 0.00
PIERCEFIELD____HYD 23852	36.19 0.24 0.00	31.42 0.22 0.00	28.31 0.09 0.00	27.42 0.12 0.00	27.82 0.13 0.00	33.11 0.18 0.00	47.61 0.21 0.00	45.42 0.23 0.00	43.85 0.51 0.00	39.91 0.69 0.00	38.12 0.76 0.00	37.62 0.65 0.00	38.75 0.32 0.00	40.27 -0.08 0.00	44.89 -0.61 0.00	44.67 -1.05 0.00	46.47 -1.47 0.00	99.75 -3.49 0.00	80.22 -2.37 0.00	52.36 -0.81 0.00	55.21 -0.12 0.00	54.53 0.11 0.00	51.15 0.50 0.00	42.98 0.60 0.00
PINELAWN_CC_1 323563	37.26 1.31 0.00	32.40 1.20 0.00	29.37 1.15 0.00	28.34 1.03 0.00	28.98 1.28 0.00	34.23 1.29 0.00	49.30 1.89 0.00	47.65 2.46 0.00	45.87 2.53 0.00	59.24 1.89 -18.13	60.81 1.79 -21.65	44.93 1.73 -6.23	44.32 1.87 -4.02	42.76 2.41 0.00	48.40 2.89 0.00	48.29 2.58 0.00	50.61 2.67 0.00	109.10 5.86 0.00	86.60 4.00 0.00	55.36 2.19 0.00	57.10 1.78 0.00	56.17 1.76 0.00	52.39 1.74 0.00	44.30 1.92 0.00
PJM_GEN_HTP_PROXY 323702	36.94 1.00 0.00	32.01 0.81 0.00	28.98 0.77 0.00	28.02 0.72 0.00	28.42 0.72 0.00	33.72 0.79 0.00	48.74 1.34 0.00	48.81 1.79 -1.84	45.31 1.96 0.00	59.34 1.78 -18.34	61.00 1.73 -21.91	43.94 1.83 -5.14	42.39 1.91 -2.04	39.20 2.29 3.45	48.04 2.54 0.00	47.67 2.33 0.37	52.20 2.33 -1.94	108.92 5.68 0.00	87.03 4.44 0.00	55.23 2.06 0.00	56.68 1.35 0.00	55.57 1.16 0.00	52.01 1.36 0.00	43.88 1.50 0.00
PJM_GEN_KEystone 24065	15.82 -0.30 19.82	13.33 -0.39 17.49	20.58 -0.29 7.34	21.66 -0.31 5.33	19.21 -0.31 8.17	12.44 -0.32 20.17	24.70 -0.39 22.31	46.83 -0.20 -1.84	33.05 0.13 10.42	5.80 0.23 33.66	1.46 0.24 36.14	27.00 0.38 10.35	3.04 0.36 35.76	12.83 0.67 28.19	38.97 0.85 7.38	46.02 0.68 0.37	47.55 0.60 0.99	106.74 1.82 -1.68	84.30 1.70 0.00	57.31 0.39 -3.75	46.21 -0.41 8.70	53.79 -0.62 0.00	50.02 -0.62 0.00	42.08 -0.30 0.00
PJM_GEN_NEPTUNE_PROXY 323594	36.86 0.91 0.00	32.06 0.86 0.00	29.05 0.84 0.00	28.05 0.75 0.00	28.62 0.93 0.00	33.83 0.90 0.00	48.74 1.34 0.00	48.88 1.84 -1.84	45.32 1.97 0.00	58.87 1.52 -18.13	60.50 1.49 -21.65	44.67 1.47 -6.23	44.04 1.58 -4.02	42.46 2.10 0.00	47.96 2.46 0.00	47.49 2.15 0.37	52.03 2.16 -1.94	108.02 4.78 0.00	85.85 3.25 0.00	54.88 1.71 0.00	56.52 1.19 0.00	55.58 1.17 0.00	51.87 1.23 0.00	43.86 1.48 0.00
PJM_GEN_VFT_PROXY 323633	36.87 0.93 0.00	31.94 0.73 0.00	28.93 0.72 0.00	27.98 0.68 0.00	28.36 0.66 0.00	33.63 0.70 0.00	48.59 1.18 0.00	48.70 1.66 -1.84	45.21 1.86 0.00	59.24 1.68 -18.33	60.88 1.62 -21.90	45.76 1.75 -7.04	-370.57 1.82 410.82	-360.22 2.21 402.78	-57.56 2.39 105.46	47.55 2.21 0.37	52.04 2.17 -1.94	108.69 5.45 0.00	86.86 4.27 0.00	55.07 1.91 0.00	56.46 1.13 0.00	55.35 0.94 0.00	51.83 1.18 0.00	43.76 1.38 0.00
PLATSBURG_115KV_PMLD1 355749	36.33 0.38 0.00	31.54 0.34 0.00	28.51 0.30 0.00	27.58 0.27 0.00	28.00 0.31 0.00	33.40 0.46 0.00	48.22 0.82 0.00	45.86 0.66 0.00	44.09 0.74 0.00	40.03 0.81 0.00	38.18 0.81 0.00	37.75 0.78 0.00	39.19 0.76 0.00	40.87 0.52 0.00	45.97 0.47 0.00	46.11 0.39 0.00	48.35 0.42 0.00	103.87 0.63 0.00	83.21 0.61 0.00	53.86 0.69 0.00	56.26 0.93 0.00	55.26 0.85 0.00	51.53 0.88 0.00	42.93 0.55 0.00
PLEASANTVLY____LBMP 24000	36.66 0.71 0.00	31.80 0.60 0.00	28.79 0.58 0.00	27.85 0.55 0.00	28.25 0.56 0.00	33.55 0.61 0.00	48.45 1.04 0.00	46.54 1.34 0.00	44.76 1.41 0.00	48.63 1.24 -8.17	48.34 1.21 -9.77	41.00 1.22 -2.81	41.52 1.27 -1.81	41.93 1.57 0.00	47.27 1.76 0.00	47.38 1.66 0.00	49.65 1.71 0.00	107.68 4.44 0.00	86.15 3.55 0.00	54.84 1.67 0.00	56.41 1.08 0.00	55.38 0.97 0.00	51.71 1.06 0.00	43.47 1.08 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	36.91 0.97 0.00	32.03 0.82 0.00	28.99 0.78 0.00	27.99 0.68 0.00	28.41 0.71 0.00	33.71 0.78 0.00	48.71 1.31 0.00	46.87 1.68 0.00	45.15 1.81 0.00	54.97 1.59 -14.16	55.84 1.56 -16.92	43.44 1.61 -4.87	43.26 1.68 -3.14	42.39 2.03 0.00	47.79 2.28 0.00	47.88 2.17 0.00	50.14 2.21 0.00	108.76 5.52 0.00	86.93 4.33 0.00	55.26 2.10 0.00	56.79 1.46 0.00	55.71 1.29 0.00	52.03 1.38 0.00	43.81 1.43 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.91 0.97 0.00	32.03 0.82 0.00	28.99 0.78 0.00	27.99 0.68 0.00	28.41 0.71 0.00	33.71 0.78 0.00	48.71 1.31 0.00	46.87 1.68 0.00	45.15 1.81 0.00	54.97 1.59 -14.16	55.84 1.56 -16.92	43.44 1.61 -4.87	43.26 1.68 -3.14	42.39 2.03 0.00	47.79 2.28 0.00	47.88 2.17 0.00	50.14 2.21 0.00	108.76 5.52 0.00	86.93 4.33 0.00	55.26 2.10 0.00	56.79 1.46 0.00	55.71 1.29 0.00	52.03 1.38 0.00	43.81 1.43 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.97 1.02 0.00	32.06 0.86 0.00	29.02 0.80 0.00	28.06 0.76 0.00	28.46 0.77 0.00	33.81 0.88 0.00	48.86 1.46 0.00	46.93 1.74 0.00	45.09 1.74 0.00	43.87 1.52 -3.13	42.68 1.45 -3.87	39.51 1.42 -1.12	40.65 1.49 -0.72	42.16 1.80 0.00	47.57 2.07 0.00	47.77 2.05 0.00	50.13 2.20 0.00	108.97 5.73 0.00	87.20 4.60 0.00	55.57 2.40 0.00	57.18 1.85 0.00	56.09 1.68 0.00	52.29 1.65 0.00	43.88 1.50 0.00

POLETTI____ 23519	37.03 1.08 0.00	32.07 0.87 0.00	29.05 0.84 0.00	28.09 0.79 0.00	28.47 0.78 0.00	33.78 0.85 0.00	48.82 1.42 0.00	47.06 1.87 0.00	45.42 2.07 0.00	59.43 1.88 -18.33	61.07 1.80 -21.90	47.49 1.93 -8.60	48.50 2.00 -8.07	49.56 2.39 -6.81	48.09 2.58 0.00	48.00 2.29 0.00	50.20 2.26 0.00	108.78 5.54 0.00	86.88 4.29 0.00	55.12 1.95 0.00	56.56 1.23 0.00	55.45 1.04 0.00	52.03 1.38 0.00	43.98 1.60 0.00
POMONA____ESR 323819	36.77 0.82 0.00	31.86 0.66 0.00	28.84 0.63 0.00	27.88 0.58 0.00	28.29 0.59 0.00	33.59 0.65 0.00	48.53 1.12 0.00	46.70 1.51 0.00	44.96 1.61 0.00	62.58 1.43 -21.93	64.96 1.40 -26.19	45.99 1.49 -7.54	44.87 1.58 -4.87	42.31 1.96 0.00	47.73 2.23 0.00	47.88 2.17 0.00	50.17 2.23 0.00	108.93 5.69 0.00	87.13 4.53 0.00	55.30 2.13 0.00	56.75 1.42 0.00	55.63 1.21 0.00	51.93 1.28 0.00	43.69 1.31 0.00
PORT_JEFF_3 23555	37.06 1.11 0.00	32.37 1.17 0.00	29.38 1.16 0.00	28.33 1.02 0.00	29.11 1.42 0.00	34.33 1.39 0.00	49.26 1.85 0.00	47.70 2.50 0.00	46.02 2.67 0.00	59.07 1.72 -18.13	60.62 1.60 -21.65	44.77 1.57 -6.23	44.13 1.68 -4.02	42.63 2.28 0.00	48.25 2.75 0.00	48.05 2.33 0.00	50.17 2.24 0.00	107.76 4.52 0.00	85.17 2.58 0.00	54.45 1.28 0.00	56.32 0.99 0.00	55.78 1.36 0.00	52.09 1.44 0.00	44.08 1.70 0.00
PORT_JEFF_4 23616	37.06 1.11 0.00	32.37 1.17 0.00	29.38 1.16 0.00	28.33 1.02 0.00	29.11 1.42 0.00	34.33 1.39 0.00	49.26 1.85 0.00	47.70 2.50 0.00	46.02 2.67 0.00	59.07 1.72 -18.13	60.62 1.60 -21.65	44.77 1.57 -6.23	44.13 1.68 -4.02	42.63 2.28 0.00	48.25 2.75 0.00	48.05 2.33 0.00	50.17 2.24 0.00	107.76 4.52 0.00	85.17 2.58 0.00	54.45 1.28 0.00	56.32 0.99 0.00	55.78 1.36 0.00	52.09 1.44 0.00	44.08 1.70 0.00
PORT_JEFF_IC 23713	37.10 1.15 0.00	32.41 1.20 0.00	29.42 1.21 0.00	28.36 1.06 0.00	29.16 1.46 0.00	34.37 1.43 0.00	49.33 1.92 0.00	47.77 2.58 0.00	46.07 2.73 0.00	58.97 1.62 -18.13	60.66 1.64 -21.65	44.81 1.61 -6.23	44.20 1.75 -4.02	42.72 2.36 0.00	48.36 2.85 0.00	48.16 2.45 0.00	50.33 2.39 0.00	108.01 4.77 0.00	85.18 2.59 0.00	54.44 1.27 0.00	56.37 1.04 0.00	55.88 1.46 0.00	52.19 1.54 0.00	44.16 1.78 0.00
PPL PILGRIM_ST_GT1 24216	37.37 1.42 0.00	32.56 1.36 0.00	29.51 1.30 0.00	28.49 1.19 0.00	29.17 1.48 0.00	34.40 1.47 0.00	49.54 2.13 0.00	47.89 2.69 0.00	46.16 2.81 0.00	59.42 2.07 -18.13	60.96 1.94 -21.65	45.13 1.93 -6.23	44.49 2.03 -4.02	43.00 2.64 0.00	48.65 3.14 0.00	48.46 2.75 0.00	50.65 2.72 0.00	109.32 6.08 0.00	86.30 3.70 0.00	55.25 2.08 0.00	57.18 1.85 0.00	56.35 1.94 0.00	52.54 1.89 0.00	44.48 2.10 0.00
PPL PILGRIM_ST_GT2 24217	37.37 1.42 0.00	32.56 1.36 0.00	29.51 1.30 0.00	28.49 1.19 0.00	29.17 1.48 0.00	34.40 1.47 0.00	49.54 2.13 0.00	47.89 2.69 0.00	46.16 2.81 0.00	59.42 2.07 -18.13	60.96 1.94 -21.65	45.13 1.93 -6.23	44.49 2.03 -4.02	43.00 2.64 0.00	48.65 3.14 0.00	48.46 2.75 0.00	50.65 2.72 0.00	109.32 6.08 0.00	86.30 3.70 0.00	55.25 2.08 0.00	57.18 1.85 0.00	56.35 1.94 0.00	52.54 1.89 0.00	44.48 2.10 0.00
PPL_SHRM_GT3 24213	36.71 0.76 0.00	32.29 1.09 0.00	29.43 1.22 0.00	28.26 0.96 0.00	29.34 1.65 0.00	34.58 1.64 0.00	49.14 1.73 0.00	47.70 2.50 0.00	46.27 2.92 0.00	59.05 1.70 -18.13	60.20 1.18 -21.65	44.33 1.13 -6.23	43.70 1.25 -4.02	42.18 1.83 0.00	47.80 2.30 0.00	47.69 1.97 0.00	49.91 1.97 0.00	107.68 4.45 0.00	85.24 2.64 0.00	54.45 1.28 0.00	56.19 0.86 0.00	55.43 1.01 0.00	51.68 1.03 0.00	43.72 1.34 0.00
PPL_SHRM_GT4 24214	36.71 0.76 0.00	32.29 1.09 0.00	29.43 1.22 0.00	28.26 0.96 0.00	29.34 1.65 0.00	34.58 1.64 0.00	49.14 1.73 0.00	47.70 2.50 0.00	46.27 2.92 0.00	59.05 1.70 -18.13	60.20 1.18 -21.65	44.33 1.13 -6.23	43.70 1.25 -4.02	42.18 1.83 0.00	47.80 2.30 0.00	47.69 1.97 0.00	49.91 1.97 0.00	107.68 4.45 0.00	85.24 2.64 0.00	54.45 1.28 0.00	56.19 0.86 0.00	55.43 1.01 0.00	51.68 1.03 0.00	43.72 1.34 0.00
PROJECT____ORANGE 1 24174	35.48 -0.47 0.00	30.73 -0.47 0.00	27.79 -0.42 0.00	26.90 -0.41 0.00	27.28 -0.41 0.00	32.52 -0.41 0.00	46.86 -0.54 0.00	44.58 -0.62 0.00	42.86 -0.49 0.00	38.72 -0.50 0.00	36.88 -0.49 0.00	36.58 -0.39 0.00	38.09 -0.34 0.00	40.12 -0.24 0.00	45.30 -0.20 0.00	45.62 -0.10 0.00	47.92 -0.02 0.00	103.60 0.36 0.00	83.24 0.64 0.00	53.33 0.16 0.00	55.11 -0.22 0.00	54.05 -0.36 0.00	50.15 -0.50 0.00	41.94 -0.44 0.00
PROJECT____ORANGE 2 24166	35.48 -0.47 0.00	30.73 -0.47 0.00	27.79 -0.42 0.00	26.90 -0.41 0.00	27.28 -0.41 0.00	32.52 -0.41 0.00	46.86 -0.54 0.00	44.58 -0.62 0.00	42.86 -0.49 0.00	38.72 -0.50 0.00	36.88 -0.49 0.00	36.58 -0.39 0.00	38.09 -0.34 0.00	40.12 -0.24 0.00	45.30 -0.20 0.00	45.62 -0.10 0.00	47.92 -0.02 0.00	103.60 0.36 0.00	83.24 0.64 0.00	53.33 0.16 0.00	55.11 -0.22 0.00	54.05 -0.36 0.00	50.15 -0.50 0.00	41.94 -0.44 0.00
PUCKETT____SOLAR 323809	36.27 0.32 0.00	31.37 0.17 0.00	28.42 0.21 0.00	27.48 0.18 0.00	27.90 0.21 0.00	33.25 0.32 0.00	48.03 0.62 0.00	45.73 0.54 0.00	43.77 0.42 0.00	39.34 0.11 0.00	37.15 -0.21 0.00	36.74 -0.23 0.00	38.18 -0.25 0.00	40.33 -0.03 0.00	45.62 0.12 0.00	45.92 0.20 0.00	48.21 0.28 0.00	105.30 2.06 0.00	85.12 2.52 0.00	54.75 1.58 0.00	56.41 1.08 0.00	55.33 0.91 0.00	51.22 0.58 0.00	42.84 0.46 0.00
PYRITES____HYD 24023	36.85 0.90 0.00	31.97 0.76 0.00	28.79 0.58 0.00	27.89 0.59 0.00	28.34 0.65 0.00	33.77 0.84 0.00	48.64 1.24 0.00	46.36 1.16 0.00	44.61 1.26 0.00	40.60 1.38 0.00	38.77 1.40 0.00	38.12 1.15 0.00	39.15 0.72 0.00	40.59 0.23 0.00	45.51 0.01 0.00	45.19 -0.52 0.00	46.95 -0.98 0.00	100.68 -2.56 0.00	81.26 -1.33 0.00	53.46 0.29 0.00	56.37 1.04 0.00	55.56 1.14 0.00	51.99 1.34 0.00	43.66 1.28 0.00
QUAKERRD_115KV_BK1 80622	34.72 -1.23 0.00	29.94 -1.26 0.00	27.04 -1.17 0.00	26.20 -1.10 0.00	26.54 -1.15 0.00	31.74 -1.19 0.00	45.69 -1.72 0.00	43.45 -1.75 0.00	41.83 -1.51 0.00	37.97 -1.25 0.00	36.22 -1.15 0.00	36.01 -0.96 0.00	37.52 -0.91 0.00	39.58 -0.78 0.00	44.87 -0.64 0.00	45.02 -0.69 0.00	47.22 -0.72 0.00	101.33 -1.91 0.00	81.51 -1.08 0.00	52.30 -0.87 0.00	53.93 -1.40 0.00	52.71 -1.70 0.00	48.75 -1.91 0.00	40.75 -1.63 0.00
QUENSBRY_115KV_TB8 356137	37.45 1.50 0.00	32.55 1.35 0.00	29.47 1.25 0.00	28.48 1.18 0.00	28.94 1.25 0.00	34.50 1.56 0.00	49.83 2.43 0.00	47.27 2.08 0.00	45.07 1.72 0.00	40.38 1.16 0.00	38.08 0.72 0.00	37.46 0.49 0.00	38.82 0.39 0.00	40.76 0.40 0.00	46.01 0.51 0.00	46.73 1.02 0.00	49.53 1.59 0.00	108.26 5.02 0.00	87.41 4.81 0.00	56.28 3.11 0.00	58.32 2.99 0.00	57.38 2.96 0.00	53.42 2.77 0.00	44.25 1.87 0.00

RAMAPO___LBMP 323565	36.62 0.67 0.00	31.73 0.52 0.00	28.72 0.51 0.00	27.77 0.47 0.00	28.17 0.48 0.00	33.45 0.52 0.00	48.32 0.91 0.00	46.48 1.28 0.00	44.73 1.38 0.00	14.48 1.23 25.96	7.58 1.20 30.98	29.35 1.29 8.91	34.03 1.35 5.76	42.07 1.71 0.00	47.46 1.95 0.00	47.59 1.87 0.00	49.85 1.92 0.00	108.26 5.02 0.00	86.63 4.04 0.00	54.98 1.81 0.00	56.42 1.09 0.00	55.32 0.91 0.00	51.65 0.99 0.00	43.46 1.08 0.00
RANKINE____ 23646	35.23 -0.72 0.00	30.23 -0.97 0.00	27.33 -0.88 0.00	26.46 -0.84 0.00	26.77 -0.92 0.00	32.14 -0.79 0.00	46.19 -1.22 0.00	43.95 -1.25 0.00	42.50 -0.84 0.00	38.94 -0.28 0.00	37.16 -0.20 0.00	37.01 0.04 0.00	38.55 0.12 0.00	40.69 0.33 0.00	46.21 0.71 0.00	46.20 0.48 0.00	48.22 0.29 0.00	102.70 -0.55 0.00	82.59 -0.01 0.00	53.02 -0.15 0.00	54.49 -0.84 0.00	53.11 -1.31 0.00	48.94 -1.70 0.00	40.91 -1.47 0.00
RAVENSWOOD_GT2_1 24244	37.04 1.10 0.00	32.08 0.88 0.00	29.06 0.85 0.00	28.10 0.79 0.00	28.47 0.78 0.00	33.79 0.86 0.00	48.85 1.44 0.00	47.09 1.90 0.00	45.42 2.08 0.00	59.43 1.88 -18.33	61.08 1.82 -21.90	47.51 1.95 -8.59	48.49 2.00 -8.05	49.55 2.41 -6.79	48.12 2.62 0.00	48.05 2.34 0.00	50.24 2.31 0.00	108.88 5.64 0.00	86.97 4.37 0.00	55.17 2.01 0.00	56.61 1.28 0.00	55.50 1.09 0.00	52.07 1.42 0.00	43.99 1.60 0.00
RAVENSWOOD_GT2_2 24245	37.04 1.10 0.00	32.08 0.88 0.00	29.06 0.85 0.00	28.10 0.79 0.00	28.47 0.78 0.00	33.79 0.86 0.00	48.85 1.44 0.00	47.09 1.90 0.00	45.42 2.08 0.00	59.43 1.88 -18.33	61.08 1.82 -21.90	47.51 1.95 -8.59	48.49 2.00 -8.05	49.55 2.41 -6.79	48.12 2.62 0.00	48.05 2.34 0.00	50.24 2.31 0.00	108.88 5.64 0.00	86.97 4.37 0.00	55.17 2.01 0.00	56.61 1.28 0.00	55.50 1.09 0.00	52.07 1.42 0.00	43.99 1.60 0.00
RAVENSWOOD_GT2_3 24246	37.06 1.11 0.00	32.10 0.90 0.00	29.07 0.86 0.00	28.11 0.81 0.00	28.49 0.80 0.00	33.81 0.88 0.00	48.86 1.45 0.00	47.11 1.91 0.00	45.45 2.10 0.00	59.46 1.91 -18.33	61.10 1.84 -21.90	47.52 1.97 -8.59	48.52 2.03 -8.05	49.57 2.43 -6.79	48.15 2.65 0.00	48.08 2.36 0.00	50.28 2.35 0.00	108.95 5.71 0.00	87.03 4.43 0.00	55.21 2.04 0.00	56.65 1.33 0.00	55.53 1.12 0.00	52.10 1.45 0.00	44.02 1.64 0.00
RAVENSWOOD_GT2_4 24247	37.06 1.11 0.00	32.10 0.90 0.00	29.07 0.86 0.00	28.11 0.81 0.00	28.49 0.80 0.00	33.81 0.88 0.00	48.86 1.45 0.00	47.11 1.91 0.00	45.45 2.10 0.00	59.46 1.91 -18.33	61.10 1.84 -21.90	47.52 1.97 -8.59	48.52 2.03 -8.05	49.57 2.43 -6.79	48.15 2.65 0.00	48.08 2.36 0.00	50.28 2.35 0.00	108.95 5.71 0.00	87.03 4.43 0.00	55.21 2.04 0.00	56.65 1.33 0.00	55.53 1.12 0.00	52.10 1.45 0.00	44.02 1.64 0.00
RAVENSWOOD_GT3_1 24248	37.04 1.10 0.00	32.08 0.88 0.00	29.06 0.85 0.00	28.10 0.79 0.00	28.47 0.78 0.00	33.79 0.86 0.00	48.85 1.44 0.00	47.09 1.90 0.00	45.42 2.08 0.00	59.43 1.88 -18.33	61.08 1.82 -21.90	47.51 1.95 -8.59	48.49 2.00 -8.05	49.55 2.41 -6.79	48.12 2.62 0.00	48.05 2.34 0.00	50.25 2.32 0.00	108.88 5.64 0.00	86.97 4.37 0.00	55.18 2.01 0.00	56.61 1.28 0.00	55.50 1.09 0.00	52.07 1.42 0.00	43.99 1.61 0.00
RAVENSWOOD_GT3_2 24249	37.04 1.10 0.00	32.08 0.88 0.00	29.06 0.85 0.00	28.10 0.79 0.00	28.47 0.78 0.00	33.79 0.86 0.00	48.85 1.44 0.00	47.09 1.90 0.00	45.42 2.08 0.00	59.43 1.88 -18.33	61.08 1.82 -21.90	47.51 1.95 -8.59	48.49 2.00 -8.05	49.55 2.41 -6.79	48.12 2.62 0.00	48.05 2.34 0.00	50.25 2.32 0.00	108.88 5.64 0.00	86.97 4.37 0.00	55.18 2.01 0.00	56.61 1.28 0.00	55.50 1.09 0.00	52.07 1.42 0.00	43.99 1.61 0.00
RAVENSWOOD_GT3_3 24250	37.10 1.15 0.00	32.14 0.93 0.00	29.11 0.89 0.00	28.14 0.84 0.00	28.52 0.83 0.00	33.85 0.91 0.00	48.93 1.52 0.00	47.18 1.98 0.00	45.51 2.16 0.00	59.52 1.96 -18.33	61.17 1.91 -21.90	47.58 2.03 -8.59	48.58 2.09 -8.05	49.63 2.49 -6.79	48.23 2.72 0.00	48.15 2.44 0.00	50.35 2.42 0.00	109.11 5.87 0.00	87.17 4.58 0.00	55.31 2.14 0.00	56.73 1.40 0.00	55.62 1.20 0.00	52.17 1.52 0.00	44.07 1.69 0.00
RAVENSWOOD_GT3_4 24251	37.10 1.15 0.00	32.14 0.93 0.00	29.11 0.89 0.00	28.14 0.84 0.00	28.52 0.83 0.00	33.85 0.91 0.00	48.93 1.52 0.00	47.18 1.98 0.00	45.51 2.16 0.00	59.52 1.96 -18.33	61.17 1.91 -21.90	47.58 2.03 -8.59	48.58 2.09 -8.05	49.63 2.49 -6.79	48.23 2.72 0.00	48.15 2.44 0.00	50.35 2.42 0.00	109.11 5.87 0.00	87.17 4.58 0.00	55.31 2.14 0.00	56.73 1.40 0.00	55.62 1.20 0.00	52.17 1.52 0.00	44.07 1.69 0.00
RAVENSWOOD_GT_1 23729	37.04 1.09 0.00	32.08 0.88 0.00	29.06 0.85 0.00	28.11 0.81 0.00	28.46 0.77 0.00	33.80 0.86 0.00	48.83 1.42 0.00	47.09 1.90 0.00	45.45 2.10 0.00	59.46 1.90 -18.33	61.10 1.83 -21.90	47.54 1.98 -8.59	48.46 1.97 -8.05	49.50 2.36 -6.79	48.18 2.67 0.00	48.09 2.38 0.00	50.24 2.31 0.00	108.73 5.50 0.00	86.86 4.26 0.00	55.10 1.93 0.00	56.53 1.20 0.00	55.43 1.02 0.00	51.99 1.34 0.00	44.00 1.62 0.00
RAVENSWOOD_GT_10 24258	37.05 1.10 0.00	32.08 0.88 0.00	29.07 0.86 0.00	28.10 0.80 0.00	28.48 0.79 0.00	33.79 0.86 0.00	48.85 1.44 0.00	47.09 1.90 0.00	45.43 2.08 0.00	59.44 1.89 -18.33	61.09 1.83 -21.90	47.51 1.96 -8.59	48.50 2.01 -8.05	49.56 2.41 -6.79	48.13 2.63 0.00	48.05 2.34 0.00	50.25 2.32 0.00	108.89 5.66 0.00	86.99 4.39 0.00	55.18 2.01 0.00	56.61 1.28 0.00	55.50 1.09 0.00	52.07 1.42 0.00	44.00 1.62 0.00
RAVENSWOOD_GT_11 24259	37.05 1.10 0.00	32.08 0.88 0.00	29.07 0.86 0.00	28.10 0.80 0.00	28.48 0.79 0.00	33.79 0.86 0.00	48.85 1.44 0.00	47.09 1.90 0.00	45.43 2.08 0.00	59.44 1.89 -18.33	61.09 1.83 -21.90	47.51 1.96 -8.59	48.50 2.01 -8.05	49.56 2.41 -6.79	48.13 2.63 0.00	48.05 2.34 0.00	50.25 2.32 0.00	108.89 5.66 0.00	86.99 4.39 0.00	55.18 2.01 0.00	56.61 1.28 0.00	55.50 1.09 0.00	52.07 1.42 0.00	44.00 1.62 0.00
RAVENSWOOD_GT_4 24252	37.03 1.08 0.00	32.07 0.87 0.00	29.05 0.84 0.00	28.09 0.79 0.00	28.47 0.78 0.00	33.79 0.85 0.00	48.83 1.42 0.00	47.08 1.88 0.00	45.43 2.08 0.00	59.43 1.88 -18.33	61.08 1.82 -21.90	47.50 1.95 -8.59	48.47 1.98 -8.05	49.52 2.38 -6.79	48.12 2.61 0.00	48.05 2.34 0.00	50.23 2.30 0.00	108.81 5.57 0.00	86.92 4.33 0.00	55.15 1.99 0.00	56.59 1.26 0.00	55.48 1.07 0.00	52.04 1.39 0.00	43.98 1.60 0.00
RAVENSWOOD_GT_5 24254	37.03 1.08 0.00	32.07 0.87 0.00	29.05 0.84 0.00	28.09 0.79 0.00	28.47 0.78 0.00	33.79 0.85 0.00	48.83 1.42 0.00	47.08 1.88 0.00	45.43 2.08 0.00	59.43 1.88 -18.33	61.08 1.82 -21.90	47.50 1.95 -8.59	48.47 1.98 -8.05	49.52 2.38 -6.79	48.12 2.61 0.00	48.05 2.34 0.00	50.23 2.30 0.00	108.81 5.57 0.00	86.92 4.33 0.00	55.15 1.99 0.00	56.59 1.26 0.00	55.48 1.07 0.00	52.04 1.39 0.00	43.98 1.60 0.00

RAVENSWOOD_GT_6 24253	37.03 1.08 0.00	32.07 0.87 0.00	29.05 0.84 0.00	28.09 0.79 0.00	28.47 0.78 0.00	33.79 0.85 0.00	48.83 1.42 0.00	47.08 1.88 0.00	45.43 2.08 0.00	59.43 1.88 -18.33	61.08 1.82 -21.90	47.50 1.95 -8.59	48.47 1.98 -8.05	49.52 2.38 -6.79	48.12 2.61 0.00	48.05 2.34 0.00	50.23 2.30 0.00	108.81 5.57 0.00	86.92 4.33 0.00	55.15 1.99 0.00	56.59 1.26 0.00	55.48 1.07 0.00	52.04 1.39 0.00	43.98 1.60 0.00
RAVENSWOOD_GT_7 24255	37.03 1.08 0.00	32.07 0.87 0.00	29.05 0.84 0.00	28.09 0.79 0.00	28.47 0.78 0.00	33.79 0.85 0.00	48.83 1.42 0.00	47.08 1.88 0.00	45.43 2.08 0.00	59.43 1.88 -18.33	61.08 1.82 -21.90	47.50 1.95 -8.59	48.47 1.98 -8.05	49.52 2.38 -6.79	48.12 2.61 0.00	48.05 2.34 0.00	50.23 2.30 0.00	108.81 5.57 0.00	86.92 4.33 0.00	55.15 1.99 0.00	56.59 1.26 0.00	55.48 1.07 0.00	52.04 1.39 0.00	43.98 1.60 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.05 1.10 0.00	32.08 0.88 0.00	29.07 0.86 0.00	28.10 0.80 0.00	28.48 0.79 0.00	33.79 0.86 0.00	48.85 1.44 0.00	47.09 1.90 0.00	45.43 2.08 0.00	59.44 1.89 -18.33	61.09 1.83 -21.90	47.51 1.96 -8.59	48.50 2.01 -8.05	49.56 2.41 -6.79	48.13 2.63 0.00	48.05 2.34 0.00	50.25 2.32 0.00	108.89 5.66 0.00	86.99 4.39 0.00	55.18 2.01 0.00	56.61 1.28 0.00	55.50 1.09 0.00	52.07 1.42 0.00	44.00 1.62 0.00
RAVENSWOOD_GT_9 24257	37.05 1.10 0.00	32.08 0.88 0.00	29.07 0.86 0.00	28.10 0.80 0.00	28.48 0.79 0.00	33.79 0.86 0.00	48.85 1.44 0.00	47.09 1.90 0.00	45.43 2.08 0.00	59.44 1.89 -18.33	61.09 1.83 -21.90	47.51 1.96 -8.59	48.50 2.01 -8.05	49.56 2.41 -6.79	48.13 2.63 0.00	48.05 2.34 0.00	50.25 2.32 0.00	108.89 5.66 0.00	86.99 4.39 0.00	55.18 2.01 0.00	56.61 1.28 0.00	55.50 1.09 0.00	52.07 1.42 0.00	44.00 1.62 0.00
RAVENSWOOD___1 23533	37.01 1.06 0.00	32.06 0.86 0.00	29.04 0.83 0.00	28.08 0.78 0.00	28.44 0.75 0.00	33.78 0.85 0.00	48.80 1.39 0.00	47.07 1.87 0.00	45.42 2.07 0.00	59.42 1.87 -18.33	61.06 1.80 -21.90	47.50 1.95 -8.59	48.42 1.94 -8.05	49.48 2.33 -6.79	48.12 2.62 0.00	48.05 2.34 0.00	50.21 2.28 0.00	108.71 5.47 0.00	86.83 4.24 0.00	55.09 1.93 0.00	56.50 1.18 0.00	55.43 1.02 0.00	51.99 1.34 0.00	43.97 1.59 0.00
RAVENSWOOD___2 23534	37.01 1.06 0.00	32.06 0.86 0.00	29.04 0.83 0.00	28.08 0.78 0.00	28.44 0.75 0.00	33.78 0.85 0.00	48.80 1.39 0.00	47.07 1.87 0.00	45.42 2.07 0.00	59.42 1.87 -18.33	61.06 1.80 -21.90	47.50 1.95 -8.59	48.42 1.94 -8.05	49.48 2.33 -6.79	48.12 2.62 0.00	48.05 2.34 0.00	50.21 2.28 0.00	108.71 5.47 0.00	86.83 4.24 0.00	55.09 1.93 0.00	56.50 1.18 0.00	55.43 1.02 0.00	51.99 1.34 0.00	43.97 1.59 0.00
RAVENSWOOD___3 23535	37.05 1.10 0.00	32.09 0.89 0.00	29.06 0.84 0.00	28.10 0.80 0.00	28.47 0.78 0.00	33.80 0.86 0.00	48.85 1.44 0.00	47.09 1.90 0.00	45.43 2.08 0.00	59.44 1.89 -18.33	61.09 1.83 -21.90	47.51 1.95 -8.59	48.49 2.00 -8.05	49.56 2.41 -6.79	48.13 2.62 0.00	48.06 2.34 0.00	50.25 2.31 0.00	108.88 5.64 0.00	86.98 4.38 0.00	55.18 2.01 0.00	56.61 1.28 0.00	55.51 1.10 0.00	52.07 1.42 0.00	43.99 1.61 0.00
RAVENSWOOD___4 23820	37.01 1.06 0.00	32.06 0.86 0.00	29.04 0.83 0.00	28.08 0.78 0.00	28.44 0.75 0.00	33.78 0.85 0.00	48.80 1.39 0.00	47.07 1.87 0.00	45.42 2.07 0.00	59.42 1.87 -18.33	61.06 1.80 -21.90	47.50 1.95 -8.59	48.42 1.94 -8.05	49.48 2.33 -6.79	48.12 2.62 0.00	48.05 2.34 0.00	50.21 2.28 0.00	108.71 5.47 0.00	86.83 4.24 0.00	55.09 1.93 0.00	56.50 1.18 0.00	55.43 1.02 0.00	51.99 1.34 0.00	43.97 1.59 0.00
RCPI_TRUST___DRP 24196	36.98 1.03 0.00	32.04 0.84 0.00	29.01 0.80 0.00	28.05 0.75 0.00	28.44 0.75 0.00	33.76 0.83 0.00	48.80 1.39 0.00	47.04 1.84 0.00	45.39 2.04 0.00	59.41 1.85 -18.34	61.08 1.80 -21.91	44.03 1.92 -5.14	42.47 2.00 -2.04	39.28 2.38 3.45	48.15 2.65 0.00	48.16 2.44 0.00	50.36 2.43 0.00	109.14 5.90 0.00	87.19 4.59 0.00	55.32 2.15 0.00	56.75 1.42 0.00	55.63 1.22 0.00	52.07 1.42 0.00	43.94 1.56 0.00
RED___ROCHESTER 323720	35.75 -0.20 0.00	30.77 -0.43 0.00	27.79 -0.42 0.00	26.90 -0.40 0.00	27.24 -0.45 0.00	32.63 -0.30 0.00	47.01 -0.40 0.00	44.70 -0.49 0.00	43.06 -0.28 0.00	39.15 -0.07 0.00	37.37 0.01 0.00	37.21 0.24 0.00	38.79 0.36 0.00	41.01 0.65 0.00	46.55 1.04 0.00	46.69 0.98 0.00	49.02 1.09 0.00	105.01 1.77 0.00	84.53 1.93 0.00	54.24 1.07 0.00	55.86 0.53 0.00	54.51 0.09 0.00	50.33 -0.32 0.00	42.02 -0.36 0.00
REGAN___SOLAR 323812	37.57 1.62 0.00	32.58 1.38 0.00	29.40 1.19 0.00	28.44 1.15 0.00	28.87 1.18 0.00	34.38 1.44 0.00	49.82 2.41 0.00	47.27 2.07 0.00	44.19 0.85 0.00	39.28 0.06 0.00	37.48 0.12 0.00	36.68 -0.28 0.00	38.18 -0.25 0.00	40.20 -0.16 0.00	45.50 0.00 0.00	46.29 0.58 0.00	49.46 1.52 0.00	108.61 5.37 0.00	88.01 5.42 0.00	56.60 3.43 0.00	58.61 3.28 0.00	57.52 3.11 0.00	53.37 2.72 0.00	44.52 2.14 0.00
RENSSELAER___COGEN 23796	36.37 0.42 0.00	31.65 0.44 0.00	28.63 0.42 0.00	27.72 0.41 0.00	28.10 0.41 0.00	33.40 0.46 0.00	48.09 0.69 0.00	45.89 0.69 0.00	44.01 0.66 0.00	39.75 0.52 0.00	37.77 0.41 0.00	37.31 0.35 0.00	38.80 0.36 0.00	40.72 0.37 0.00	45.82 0.31 0.00	46.14 0.42 0.00	48.47 0.54 0.00	105.18 1.94 0.00	84.19 1.60 0.00	54.02 0.86 0.00	56.02 0.69 0.00	55.17 0.76 0.00	51.42 0.77 0.00	42.95 0.57 0.00
REPUBLIC_115KV_BARTNBRK 55605	39.48 3.54 0.00	34.19 2.99 0.00	31.03 2.82 0.00	29.93 2.63 0.00	30.54 2.85 0.00	36.45 3.52 0.00	52.79 5.38 0.00	50.04 4.85 0.00	47.74 4.39 0.00	42.49 3.27 0.00	39.85 2.48 0.00	38.76 1.79 0.00	39.83 1.40 0.00	41.67 1.32 0.00	47.38 1.88 0.00	48.36 2.65 0.00	51.78 3.85 0.00	114.16 10.92 0.00	93.18 10.59 0.00	60.25 7.09 0.00	62.03 6.71 0.00	61.24 6.82 0.00	56.87 6.22 0.00	46.60 4.22 0.00
REVERE_CPPR_DRP 24186	36.93 0.98 0.00	32.08 0.88 0.00	28.97 0.76 0.00	28.00 0.69 0.00	28.39 0.70 0.00	33.91 0.98 0.00	48.93 1.53 0.00	46.60 1.40 0.00	44.48 1.13 0.00	39.97 0.75 0.00	37.94 0.58 0.00	37.56 0.60 0.00	39.03 0.60 0.00	41.21 0.86 0.00	46.66 1.16 0.00	46.88 1.17 0.00	49.30 1.37 0.00	107.39 4.15 0.00	86.88 4.28 0.00	56.11 2.95 0.00	58.06 2.73 0.00	56.98 2.57 0.00	52.78 2.13 0.00	43.98 1.60 0.00
REYNLDPA_13_KV_LD 356490	36.28 0.34 0.00	31.50 0.30 0.00	28.41 0.20 0.00	27.51 0.21 0.00	27.92 0.23 0.00	33.23 0.30 0.00	47.59 0.19 0.00	45.42 0.23 0.00	43.73 0.38 0.00	39.74 0.52 0.00	38.06 0.70 0.00	37.51 0.54 0.00	38.98 0.54 0.00	40.61 0.25 0.00	45.61 0.11 0.00	45.63 -0.09 0.00	47.71 -0.22 0.00	102.28 -0.96 0.00	81.69 -0.90 0.00	53.03 -0.14 0.00	55.64 0.31 0.00	54.60 0.19 0.00	50.93 0.28 0.00	42.68 0.30 0.00

REYNOLDS_115KV_TB3 80639	36.54 0.60 0.00	31.83 0.62 0.00	28.79 0.58 0.00	27.86 0.56 0.00	28.26 0.57 0.00	33.59 0.65 0.00	48.37 0.96 0.00	46.14 0.94 0.00	44.24 0.89 0.00	39.97 0.75 0.00	37.99 0.63 0.00	37.51 0.54 0.00	38.99 0.56 0.00	40.89 0.53 0.00	45.97 0.47 0.00	46.30 0.58 0.00	48.63 0.70 0.00	105.49 2.26 0.00	84.51 1.91 0.00	54.22 1.05 0.00	56.27 0.95 0.00	55.44 1.02 0.00	51.70 1.05 0.00	43.16 0.78 0.00
RIVERBAY____ 323610	37.78 1.83 0.00	32.71 1.50 0.00	29.65 1.44 0.00	28.67 1.37 0.00	28.95 1.26 0.00	34.50 1.56 0.00	49.85 2.44 0.00	47.96 2.76 0.00	46.28 2.93 0.00	60.04 2.49 -18.33	61.59 2.33 -21.90	48.05 2.49 -8.59	48.89 2.40 -8.05	49.97 2.83 -6.79	48.79 3.29 0.00	48.80 3.09 0.00	50.99 3.06 0.00	110.53 7.29 0.00	88.39 5.80 0.00	56.02 2.85 0.00	57.63 2.30 0.00	56.59 2.17 -0.01	53.05 2.40 0.00	44.83 2.45 0.00
RIVERSDE_115KV_TB3 55908	36.50 0.55 0.00	31.77 0.57 0.00	28.74 0.53 0.00	27.81 0.51 0.00	28.21 0.51 0.00	33.52 0.59 0.00	48.28 0.88 0.00	46.06 0.87 0.00	44.19 0.84 0.00	39.91 0.69 0.00	37.94 0.57 0.00	37.47 0.50 0.00	38.95 0.52 0.00	40.87 0.51 0.00	45.98 0.48 0.00	46.33 0.61 0.00	48.68 0.75 0.00	105.58 2.34 0.00	84.53 1.93 0.00	54.23 1.07 0.00	56.25 0.92 0.00	55.39 0.97 0.00	51.64 0.99 0.00	43.12 0.74 0.00
ROARING____BROOK_WT_PWR 323790	35.78 -0.17 0.00	31.08 -0.12 0.00	28.07 -0.14 0.00	27.14 -0.16 0.00	27.51 -0.18 0.00	32.71 -0.23 0.00	46.99 -0.41 0.00	44.83 -0.37 0.00	43.10 -0.24 0.00	39.13 -0.09 0.00	37.35 -0.02 0.00	36.93 -0.04 0.00	38.39 -0.04 0.00	40.26 -0.10 0.00	45.38 -0.13 0.00	45.60 -0.12 0.00	47.81 -0.13 0.00	102.95 -0.29 0.00	82.41 -0.19 0.00	53.11 -0.06 0.00	55.31 -0.02 0.00	54.39 -0.02 0.00	50.65 0.00 0.00	42.33 -0.05 0.00
ROCHESRG_115KV_T4 355643	35.30 -0.65 0.00	30.42 -0.79 0.00	27.47 -0.74 0.00	26.62 -0.68 0.00	26.95 -0.74 0.00	32.26 -0.68 0.00	46.40 -1.01 0.00	44.14 -1.05 0.00	42.53 -0.82 0.00	38.67 -0.55 0.00	36.89 -0.47 0.00	36.70 -0.27 0.00	38.23 -0.20 0.00	40.36 0.00 0.00	45.76 0.25 0.00	45.86 0.14 0.00	48.07 0.14 0.00	102.90 -0.34 0.00	82.80 0.20 0.00	53.17 0.00 0.00	54.81 -0.52 0.00	53.56 -0.86 0.00	49.50 -1.15 0.00	41.38 -1.01 0.00
ROCHESTER_9_IC 23652	35.57 -0.38 0.00	30.63 -0.57 0.00	27.66 -0.55 0.00	26.79 -0.51 0.00	27.13 -0.56 0.00	32.49 -0.44 0.00	46.77 -0.63 0.00	44.49 -0.71 0.00	42.86 -0.49 0.00	38.95 -0.27 0.00	37.17 -0.19 0.00	37.00 0.04 0.00	38.57 0.13 0.00	40.74 0.39 0.00	46.22 0.72 0.00	46.36 0.64 0.00	48.64 0.70 0.00	104.14 0.90 0.00	83.84 1.24 0.00	53.81 0.64 0.00	55.44 0.12 0.00	54.13 -0.29 0.00	49.99 -0.66 0.00	41.76 -0.62 0.00
ROCKVIEW_13_KV_LD 356306	37.06 1.11 0.00	32.12 0.92 0.00	29.07 0.86 0.00	28.09 0.79 0.00	28.50 0.81 0.00	33.83 0.90 0.00	48.89 1.48 0.00	47.07 1.87 0.00	45.36 2.01 0.00	59.29 1.81 -18.26	60.94 1.76 -21.82	45.08 1.84 -6.28	44.40 1.92 -4.05	42.67 2.32 0.00	48.11 2.61 0.00	48.18 2.46 0.00	50.41 2.48 0.00	109.31 6.07 0.00	87.36 4.76 0.00	55.50 2.33 0.00	56.97 1.64 0.00	55.87 1.45 0.00	52.21 1.56 0.00	44.00 1.62 0.00
ROME____115KV_TB2 80656	36.93 0.98 0.00	32.08 0.88 0.00	28.97 0.76 0.00	28.00 0.69 0.00	28.39 0.70 0.00	33.91 0.98 0.00	48.93 1.53 0.00	46.60 1.40 0.00	44.48 1.13 0.00	39.97 0.75 0.00	37.94 0.58 0.00	37.56 0.60 0.00	39.03 0.60 0.00	41.21 0.86 0.00	46.66 1.16 0.00	46.88 1.17 0.00	49.30 1.37 0.00	107.39 4.15 0.00	86.88 4.28 0.00	56.11 2.95 0.00	58.06 2.73 0.00	56.98 2.57 0.00	52.78 2.13 0.00	43.98 1.60 0.00
ROSETON____1 23587	36.63 0.68 0.00	31.76 0.56 0.00	28.76 0.55 0.00	27.82 0.52 0.00	28.22 0.53 0.00	33.51 0.58 0.00	48.39 0.99 0.00	46.49 1.29 0.00	44.71 1.37 0.00	40.41 1.19 0.00	38.52 1.16 0.00	38.16 1.19 0.00	39.67 1.24 0.00	41.89 1.54 0.00	47.23 1.73 0.00	47.37 1.65 0.00	49.62 1.69 0.00	107.68 4.44 0.00	86.13 3.53 0.00	54.82 1.65 0.00	56.40 1.07 0.00	55.37 0.95 0.00	51.69 1.04 0.00	43.45 1.07 0.00
ROSETON____2 23588	36.63 0.68 0.00	31.76 0.56 0.00	28.76 0.55 0.00	27.82 0.52 0.00	28.22 0.53 0.00	33.51 0.58 0.00	48.39 0.99 0.00	46.49 1.29 0.00	44.71 1.37 0.00	40.41 1.19 0.00	38.52 1.16 0.00	38.16 1.19 0.00	39.67 1.24 0.00	41.89 1.54 0.00	47.23 1.73 0.00	47.37 1.65 0.00	49.62 1.69 0.00	107.68 4.44 0.00	86.13 3.53 0.00	54.82 1.65 0.00	56.40 1.07 0.00	55.37 0.95 0.00	51.69 1.04 0.00	43.45 1.07 0.00
ROTTSDAM_115KV_TB3 80664	36.59 0.64 0.00	31.80 0.59 0.00	28.77 0.56 0.00	27.83 0.53 0.00	28.24 0.54 0.00	33.57 0.63 0.00	48.40 0.99 0.00	46.13 0.93 0.00	44.11 0.76 0.00	39.78 0.56 0.00	37.83 0.47 0.00	37.35 0.39 0.00	38.83 0.40 0.00	40.83 0.47 0.00	46.01 0.51 0.00	46.38 0.66 0.00	48.77 0.83 0.00	105.79 2.55 0.00	84.83 2.23 0.00	54.46 1.29 0.00	56.49 1.16 0.00	55.59 1.17 0.00	51.77 1.12 0.00	43.25 0.87 0.00
RUSSELL____1 23602	35.75 -0.20 0.00	30.77 -0.43 0.00	27.78 -0.43 0.00	26.91 -0.40 0.00	27.25 -0.45 0.00	32.63 -0.30 0.00	47.01 -0.40 0.00	44.71 -0.49 0.00	43.07 -0.28 0.00	39.15 -0.07 0.00	37.37 0.01 0.00	37.20 0.23 0.00	38.79 0.36 0.00	41.01 0.66 0.00	46.54 1.03 0.00	46.69 0.98 0.00	49.02 1.09 0.00	105.01 1.77 0.00	84.53 1.93 0.00	54.24 1.07 0.00	55.86 0.53 0.00	54.51 0.10 0.00	50.33 -0.32 0.00	42.02 -0.36 0.00
RUSSELL____2 23532	35.75 -0.20 0.00	30.77 -0.43 0.00	27.78 -0.43 0.00	26.91 -0.40 0.00	27.25 -0.45 0.00	32.63 -0.30 0.00	47.01 -0.40 0.00	44.71 -0.49 0.00	43.07 -0.28 0.00	39.15 -0.07 0.00	37.37 0.01 0.00	37.20 0.23 0.00	38.79 0.36 0.00	41.01 0.66 0.00	46.54 1.03 0.00	46.69 0.98 0.00	49.02 1.09 0.00	105.01 1.77 0.00	84.53 1.93 0.00	54.24 1.07 0.00	55.86 0.53 0.00	54.51 0.10 0.00	50.33 -0.32 0.00	42.02 -0.36 0.00
RUSSELL____3 23549	35.75 -0.20 0.00	30.77 -0.43 0.00	27.78 -0.43 0.00	26.91 -0.40 0.00	27.25 -0.45 0.00	32.63 -0.30 0.00	47.01 -0.40 0.00	44.71 -0.49 0.00	43.07 -0.28 0.00	39.15 -0.07 0.00	37.37 0.01 0.00	37.20 0.23 0.00	38.79 0.36 0.00	41.01 0.66 0.00	46.54 1.03 0.00	46.69 0.98 0.00	49.02 1.09 0.00	105.01 1.77 0.00	84.53 1.93 0.00	54.24 1.07 0.00	55.86 0.53 0.00	54.51 0.10 0.00	50.33 -0.32 0.00	42.02 -0.36 0.00
RUSSELL____4 23556	35.75 -0.20 0.00	30.77 -0.43 0.00	27.78 -0.43 0.00	26.91 -0.40 0.00	27.25 -0.45 0.00	32.63 -0.30 0.00	47.01 -0.40 0.00	44.71 -0.49 0.00	43.07 -0.28 0.00	39.15 -0.07 0.00	37.37 0.01 0.00	37.20 0.23 0.00	38.79 0.36 0.00	41.01 0.66 0.00	46.54 1.03 0.00	46.69 0.98 0.00	49.02 1.09 0.00	105.01 1.77 0.00	84.53 1.93 0.00	54.24 1.07 0.00	55.86 0.53 0.00	54.51 0.10 0.00	50.33 -0.32 0.00	42.02 -0.36 0.00

RUSSELL___STATION 23914	35.75 -0.20 0.00	30.77 -0.43 0.00	27.78 -0.43 0.00	26.91 -0.40 0.00	27.25 -0.45 0.00	32.63 -0.30 0.00	47.01 -0.40 0.00	44.71 -0.49 0.00	43.07 -0.28 0.00	39.15 -0.07 0.00	37.37 0.01 0.00	37.20 0.23 0.00	38.79 0.36 0.00	41.01 0.66 0.00	46.54 1.03 0.00	46.69 0.98 0.00	49.02 1.09 0.00	105.01 1.77 0.00	84.53 1.93 0.00	54.24 1.07 0.00	55.86 0.53 0.00	54.51 0.10 0.00	50.33 -0.32 0.00	42.02 -0.36 0.00
S SALMON___HYD 24043	35.70 -0.24 0.00	30.97 -0.23 0.00	27.94 -0.27 0.00	27.04 -0.26 0.00	27.40 -0.29 0.00	32.63 -0.30 0.00	47.03 -0.38 0.00	44.76 -0.43 0.00	42.89 -0.46 0.00	38.71 -0.50 0.00	36.81 -0.55 0.00	36.45 -0.51 0.00	37.93 -0.50 0.00	39.92 -0.43 0.00	44.93 -0.57 0.00	45.21 -0.50 0.00	47.41 -0.52 0.00	102.64 -0.60 0.00	83.22 0.62 0.00	53.67 0.51 0.00	55.67 0.34 0.00	54.72 0.30 0.00	50.74 0.09 0.00	42.34 -0.04 0.00
S.PERRY___115KV_TB1 80734	36.48 0.53 0.00	31.37 0.17 0.00	28.37 0.15 0.00	27.45 0.15 0.00	27.83 0.13 0.00	33.36 0.43 0.00	47.56 0.16 0.00	44.82 -0.37 0.00	42.23 -1.11 0.00	37.19 -2.04 0.00	35.38 -1.98 0.00	35.19 -1.78 0.00	36.90 -1.53 0.00	40.46 0.10 0.00	46.08 0.58 0.00	46.26 0.55 0.00	48.55 0.61 0.00	104.53 1.30 0.00	85.95 3.35 0.00	55.63 2.46 0.00	57.22 1.90 0.00	55.59 1.18 0.00	51.13 0.49 0.00	42.55 0.17 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.97 -0.99 0.00	30.03 -1.18 0.00	27.13 -1.08 0.00	26.29 -1.01 0.00	26.59 -1.10 0.00	31.89 -1.04 0.00	45.80 -1.60 0.00	43.56 -1.64 0.00	42.18 -1.17 0.00	38.66 -0.56 0.00	36.90 -0.46 0.00	36.74 -0.22 0.00	38.27 -0.16 0.00	40.38 0.02 0.00	45.84 0.33 0.00	45.73 0.02 0.00	47.72 -0.21 0.00	101.40 -1.84 0.00	81.52 -1.08 0.00	52.36 -0.81 0.00	53.83 -1.50 0.00	52.50 -1.92 0.00	48.51 -2.14 0.00	40.60 -1.78 0.00
SAWYER___23_KV_LOAD 55526	34.97 -0.99 0.00	30.03 -1.18 0.00	27.13 -1.08 0.00	26.29 -1.01 0.00	26.59 -1.10 0.00	31.89 -1.04 0.00	45.80 -1.60 0.00	43.56 -1.64 0.00	42.18 -1.17 0.00	38.66 -0.56 0.00	36.90 -0.46 0.00	36.74 -0.22 0.00	38.27 -0.16 0.00	40.38 0.02 0.00	45.84 0.33 0.00	45.73 0.02 0.00	47.72 -0.21 0.00	101.40 -1.84 0.00	81.52 -1.08 0.00	52.36 -0.81 0.00	53.83 -1.50 0.00	52.50 -1.92 0.00	48.51 -2.14 0.00	40.60 -1.78 0.00
SELKIRK___I 23801	36.61 0.66 0.00	31.86 0.66 0.00	28.84 0.63 0.00	27.90 0.60 0.00	28.31 0.61 0.00	33.64 0.70 0.00	48.44 1.04 0.00	46.15 0.95 0.00	44.09 0.74 0.00	39.76 0.53 0.00	37.78 0.42 0.00	37.32 0.35 0.00	38.81 0.38 0.00	40.76 0.40 0.00	45.87 0.37 0.00	46.24 0.53 0.00	48.62 0.69 0.00	105.54 2.30 0.00	84.55 1.96 0.00	54.31 1.14 0.00	56.34 1.01 0.00	55.48 1.07 0.00	51.72 1.07 0.00	43.24 0.85 0.00
SELKIRK___II 23799	36.38 0.43 0.00	31.65 0.44 0.00	28.64 0.43 0.00	27.72 0.41 0.00	28.11 0.42 0.00	33.40 0.47 0.00	48.11 0.71 0.00	45.92 0.73 0.00	44.04 0.69 0.00	39.77 0.55 0.00	37.81 0.45 0.00	37.36 0.40 0.00	38.86 0.43 0.00	40.80 0.45 0.00	45.94 0.43 0.00	46.24 0.52 0.00	48.54 0.61 0.00	105.22 1.98 0.00	84.21 1.61 0.00	54.03 0.87 0.00	56.01 0.68 0.00	55.17 0.75 0.00	51.42 0.77 0.00	42.99 0.61 0.00
SENECA OSWGO___HYD 24041	35.19 -0.75 0.00	30.50 -0.70 0.00	27.58 -0.64 0.00	26.68 -0.62 0.00	27.06 -0.63 0.00	32.24 -0.70 0.00	46.39 -1.02 0.00	44.07 -1.12 0.00	42.12 -1.23 0.00	38.05 -1.18 0.00	36.20 -1.16 0.00	35.90 -1.07 0.00	37.37 -1.06 0.00	39.34 -1.01 0.00	44.38 -1.12 0.00	44.64 -1.07 0.00	46.91 -1.03 0.00	101.34 -1.90 0.00	81.49 -1.10 0.00	52.34 -0.83 0.00	54.21 -1.11 0.00	53.19 -1.22 0.00	49.38 -1.27 0.00	41.32 -1.06 0.00
SENECA___115KV_TB3 355854	35.27 -0.68 0.00	30.27 -0.93 0.00	27.37 -0.85 0.00	26.51 -0.80 0.00	26.81 -0.88 0.00	32.18 -0.75 0.00	46.25 -1.16 0.00	44.01 -1.19 0.00	42.56 -0.79 0.00	39.00 -0.22 0.00	37.23 -0.13 0.00	37.08 0.11 0.00	38.62 0.19 0.00	40.75 0.39 0.00	46.31 0.81 0.00	46.28 0.57 0.00	48.31 0.37 0.00	102.92 -0.32 0.00	82.75 0.16 0.00	53.12 -0.05 0.00	54.58 -0.75 0.00	53.19 -1.22 0.00	49.04 -1.61 0.00	40.98 -1.40 0.00
SENECA___ENERGY 23797	35.63 -0.32 0.00	30.79 -0.41 0.00	27.84 -0.37 0.00	26.97 -0.34 0.00	27.34 -0.36 0.00	32.68 -0.25 0.00	47.11 -0.30 0.00	44.98 -0.21 0.00	43.49 0.14 0.00	39.10 -0.12 0.00	37.19 -0.17 0.00	36.90 -0.07 0.00	38.46 0.03 0.00	40.63 0.28 0.00	45.92 0.41 0.00	46.23 0.52 0.00	48.64 0.70 0.00	105.54 2.31 0.00	85.21 2.62 0.00	54.16 0.99 0.00	55.55 0.22 0.00	54.41 0.00 0.00	50.33 -0.32 0.00	42.12 -0.26 0.00
SHOEMAKER___GT 23640	36.55 0.60 0.00	31.69 0.49 0.00	28.68 0.47 0.00	27.74 0.44 0.00	28.14 0.45 0.00	33.43 0.49 0.00	48.26 0.86 0.00	46.34 1.15 0.00	44.51 1.16 0.00	24.64 0.93 15.52	19.75 0.89 18.50	32.55 0.90 5.32	35.95 0.96 3.44	41.59 1.24 0.00	46.93 1.43 0.00	47.14 1.42 0.00	49.46 1.53 0.00	107.33 4.10 0.00	86.05 3.46 0.00	54.86 1.69 0.00	56.47 1.14 0.00	55.40 0.99 0.00	51.66 1.01 0.00	43.37 0.99 0.00
SHOEMAKR_138KV_BK 111 55601	36.53 0.58 0.00	31.68 0.47 0.00	28.67 0.46 0.00	27.73 0.43 0.00	28.13 0.43 0.00	33.41 0.48 0.00	48.24 0.83 0.00	46.31 1.12 0.00	44.50 1.15 0.00	25.26 0.96 14.92	20.48 0.91 17.80	32.79 0.94 5.12	36.11 0.99 3.31	41.63 1.28 0.00	46.98 1.47 0.00	47.17 1.46 0.00	49.48 1.54 0.00	107.36 4.12 0.00	86.03 3.43 0.00	54.81 1.64 0.00	56.41 1.08 0.00	55.35 0.94 0.00	51.61 0.97 0.00	43.34 0.96 0.00
SHOREHAM_IC_1 23715	36.71 0.76 0.00	32.29 1.09 0.00	29.43 1.22 0.00	28.26 0.96 0.00	29.34 1.65 0.00	34.58 1.64 0.00	49.14 1.73 0.00	47.70 2.50 0.00	46.27 2.92 0.00	59.05 1.70 -18.13	60.20 1.18 -21.65	44.33 1.13 -6.23	43.70 1.25 -4.02	42.18 1.83 0.00	47.80 2.30 0.00	47.69 1.97 0.00	49.91 1.97 0.00	107.68 4.45 0.00	85.24 2.64 0.00	54.45 1.28 0.00	56.19 0.86 0.00	55.43 1.01 0.00	51.68 1.03 0.00	43.72 1.34 0.00
SHOREHAM_IC_2 23716	36.71 0.76 0.00	32.29 1.09 0.00	29.43 1.22 0.00	28.26 0.96 0.00	29.34 1.65 0.00	34.58 1.64 0.00	49.14 1.73 0.00	47.70 2.50 0.00	46.27 2.92 0.00	59.05 1.70 -18.13	60.20 1.18 -21.65	44.33 1.13 -6.23	43.70 1.25 -4.02	42.18 1.83 0.00	47.80 2.30 0.00	47.69 1.97 0.00	49.91 1.97 0.00	107.68 4.45 0.00	85.24 2.64 0.00	54.45 1.28 0.00	56.19 0.86 0.00	55.43 1.01 0.00	51.68 1.03 0.00	43.72 1.34 0.00
SISSONVILLE___ 23735	36.19 0.24 0.00	31.42 0.22 0.00	28.31 0.09 0.00	27.42 0.12 0.00	27.82 0.13 0.00	33.11 0.18 0.00	47.61 0.21 0.00	45.42 0.23 0.00	43.85 0.51 0.00	39.91 0.69 0.00	38.12 0.76 0.00	37.62 0.65 0.00	38.75 0.32 0.00	40.27 -0.08 0.00	44.89 -0.61 0.00	44.67 -1.05 0.00	46.47 -1.47 0.00	99.75 -3.49 0.00	80.22 -2.37 0.00	52.36 -0.81 0.00	55.21 -0.12 0.00	54.53 0.11 0.00	51.15 0.50 0.00	42.98 0.60 0.00

SITHE_IND_GS1 24169	34.87 -1.08 0.00	30.22 -0.98 0.00	27.34 -0.88 0.00	26.46 -0.85 0.00	26.83 -0.86 0.00	31.95 -0.98 0.00	45.90 -1.51 0.00	43.59 -1.60 0.00	41.76 -1.58 0.00	37.78 -1.45 0.00	35.97 -1.39 0.00	35.64 -1.33 0.00	37.08 -1.35 0.00	38.99 -1.37 0.00	44.02 -1.49 0.00	44.23 -1.48 0.00	46.41 -1.52 0.00	100.10 -3.13 0.00	80.31 -2.28 0.00	51.62 -1.55 0.00	53.51 -1.82 0.00	52.54 -1.87 0.00	48.82 -1.83 0.00	40.88 -1.49 0.00
SITHE_IND_GS2 24170	34.87 -1.08 0.00	30.22 -0.98 0.00	27.34 -0.88 0.00	26.46 -0.85 0.00	26.83 -0.86 0.00	31.95 -0.98 0.00	45.90 -1.51 0.00	43.59 -1.60 0.00	41.76 -1.58 0.00	37.78 -1.45 0.00	35.97 -1.39 0.00	35.64 -1.33 0.00	37.08 -1.35 0.00	38.99 -1.37 0.00	44.02 -1.49 0.00	44.23 -1.48 0.00	46.41 -1.52 0.00	100.10 -3.13 0.00	80.31 -2.28 0.00	51.62 -1.55 0.00	53.51 -1.82 0.00	52.54 -1.87 0.00	48.82 -1.83 0.00	40.88 -1.49 0.00
SITHE_IND_GS3 24171	34.87 -1.08 0.00	30.22 -0.98 0.00	27.34 -0.88 0.00	26.46 -0.85 0.00	26.83 -0.86 0.00	31.95 -0.98 0.00	45.90 -1.51 0.00	43.59 -1.60 0.00	41.76 -1.58 0.00	37.78 -1.45 0.00	35.97 -1.39 0.00	35.64 -1.33 0.00	37.08 -1.35 0.00	38.99 -1.37 0.00	44.02 -1.49 0.00	44.23 -1.48 0.00	46.41 -1.52 0.00	100.10 -3.13 0.00	80.31 -2.28 0.00	51.62 -1.55 0.00	53.51 -1.82 0.00	52.54 -1.87 0.00	48.82 -1.83 0.00	40.88 -1.49 0.00
SITHE_IND_GS4 24172	34.87 -1.08 0.00	30.22 -0.98 0.00	27.34 -0.88 0.00	26.46 -0.85 0.00	26.83 -0.86 0.00	31.95 -0.98 0.00	45.90 -1.51 0.00	43.59 -1.60 0.00	41.76 -1.58 0.00	37.78 -1.45 0.00	35.97 -1.39 0.00	35.64 -1.33 0.00	37.08 -1.35 0.00	38.99 -1.37 0.00	44.02 -1.49 0.00	44.23 -1.48 0.00	46.41 -1.52 0.00	100.10 -3.13 0.00	80.31 -2.28 0.00	51.62 -1.55 0.00	53.51 -1.82 0.00	52.54 -1.87 0.00	48.82 -1.83 0.00	40.88 -1.49 0.00
SITHE___BATAVIA 24024	35.62 -0.33 0.00	30.58 -0.62 0.00	27.63 -0.58 0.00	26.78 -0.52 0.00	27.11 -0.59 0.00	32.55 -0.38 0.00	47.15 -0.26 0.00	44.89 -0.30 0.00	42.97 -0.38 0.00	38.97 -0.25 0.00	37.05 -0.31 0.00	36.85 -0.12 0.00	38.32 -0.11 0.00	40.44 0.08 0.00	45.97 0.47 0.00	46.03 0.32 0.00	48.31 0.38 0.00	103.56 0.32 0.00	84.31 1.71 0.00	54.46 1.29 0.00	56.07 0.74 0.00	54.59 0.18 0.00	50.35 -0.30 0.00	42.03 -0.35 0.00
SITHE___INDEPEND 23800	34.86 -1.09 0.00	30.22 -0.98 0.00	27.34 -0.88 0.00	26.46 -0.85 0.00	26.83 -0.86 0.00	31.95 -0.98 0.00	45.90 -1.51 0.00	43.59 -1.60 0.00	41.76 -1.58 0.00	37.77 -1.45 0.00	35.97 -1.39 0.00	35.64 -1.33 0.00	37.08 -1.35 0.00	38.99 -1.37 0.00	44.02 -1.49 0.00	44.23 -1.48 0.00	46.41 -1.52 0.00	100.10 -3.14 0.00	80.31 -2.29 0.00	51.62 -1.55 0.00	53.51 -1.82 0.00	52.54 -1.87 0.00	48.82 -1.83 0.00	40.88 -1.49 0.00
SITHE___MASSENA 23902	36.33 0.38 0.00	31.53 0.33 0.00	28.44 0.22 0.00	27.54 0.24 0.00	27.95 0.26 0.00	33.26 0.33 0.00	47.77 0.37 0.00	45.53 0.34 0.00	43.81 0.46 0.00	39.82 0.60 0.00	38.06 0.70 0.00	37.62 0.65 0.00	39.00 0.57 0.00	40.63 0.28 0.00	45.60 0.10 0.00	45.58 -0.13 0.00	47.64 -0.30 0.00	102.10 -1.14 0.00	81.72 -0.87 0.00	53.06 -0.11 0.00	55.67 0.34 0.00	54.84 0.43 0.00	51.13 0.48 0.00	42.80 0.42 0.00
SITHE___OGDNSBRG 24021	36.88 0.93 0.00	31.99 0.79 0.00	28.82 0.61 0.00	27.92 0.62 0.00	28.36 0.66 0.00	33.79 0.85 0.00	48.63 1.23 0.00	46.33 1.14 0.00	44.55 1.21 0.00	40.51 1.29 0.00	38.70 1.34 0.00	38.06 1.09 0.00	39.18 0.75 0.00	40.67 0.32 0.00	45.66 0.16 0.00	45.45 -0.27 0.00	47.28 -0.65 0.00	101.32 -1.92 0.00	81.59 -1.01 0.00	53.67 0.50 0.00	56.52 1.19 0.00	55.66 1.25 0.00	51.98 1.33 0.00	43.57 1.20 0.00
SITHE___STERLING 23777	36.63 0.68 0.00	31.78 0.58 0.00	28.72 0.51 0.00	27.77 0.46 0.00	28.17 0.48 0.00	33.62 0.68 0.00	48.50 1.09 0.00	46.18 0.98 0.00	44.10 0.75 0.00	39.65 0.43 0.00	37.67 0.31 0.00	37.31 0.34 0.00	38.79 0.36 0.00	40.94 0.58 0.00	46.32 0.82 0.00	46.56 0.84 0.00	48.97 1.04 0.00	106.40 3.16 0.00	85.82 3.23 0.00	55.38 2.21 0.00	57.30 1.97 0.00	56.22 1.80 0.00	52.12 1.47 0.00	43.48 1.10 0.00
SLEIGHT___34_KV_TB1 80719	35.31 -0.64 0.00	30.46 -0.74 0.00	27.53 -0.68 0.00	26.69 -0.61 0.00	27.02 -0.67 0.00	32.36 -0.58 0.00	46.68 -0.73 0.00	44.85 -0.34 0.00	43.17 -0.17 0.00	38.89 -0.33 0.00	36.98 -0.39 0.00	36.77 -0.20 0.00	38.35 -0.08 0.00	40.40 0.04 0.00	45.51 0.00 0.00	45.69 -0.03 0.00	48.06 0.13 0.00	103.70 0.46 0.00	83.73 1.13 0.00	53.60 0.43 0.00	55.17 -0.15 0.00	53.95 -0.46 0.00	49.85 -0.80 0.00	41.64 -0.74 0.00
SOUTH CAIRO___GT 23612	37.49 1.55 0.00	32.59 1.39 0.00	29.48 1.27 0.00	28.51 1.20 0.00	28.92 1.23 0.00	34.44 1.51 0.00	49.77 2.36 0.00	47.49 2.30 0.00	45.25 1.90 0.00	40.50 1.28 0.00	38.37 1.01 0.00	37.82 0.85 0.00	39.35 0.92 0.00	41.33 0.97 0.00	46.54 1.04 0.00	47.13 1.42 0.00	49.63 1.69 0.00	109.21 5.97 0.00	87.66 5.07 0.00	56.47 3.31 0.00	58.58 3.25 0.00	57.52 3.10 0.00	53.38 2.73 0.00	44.44 2.06 0.00
SOUTH HAMPTN___IC 23720	37.22 1.27 0.00	32.70 1.50 0.00	29.81 1.59 0.00	28.64 1.33 0.00	29.68 1.99 0.00	35.02 2.08 0.00	49.95 2.55 0.00	48.55 3.35 0.00	46.99 3.64 0.00	59.79 2.44 -18.13	60.98 1.97 -21.65	45.13 1.93 -6.23	44.57 2.12 -4.02	43.11 2.76 0.00	48.92 3.41 0.00	48.80 3.09 0.00	51.03 3.09 0.00	110.08 6.84 0.00	87.00 4.41 0.00	55.45 2.29 0.00	57.15 1.82 0.00	56.37 1.95 0.00	52.55 1.90 0.00	44.43 2.05 0.00
SOUTHDOW_115KV_TB1 355954	36.06 0.11 0.00	31.02 -0.18 0.00	28.07 -0.14 0.00	27.15 -0.15 0.00	27.55 -0.14 0.00	32.98 0.05 0.00	47.64 0.23 0.00	45.81 0.61 0.00	44.10 0.75 0.00	40.18 0.97 0.00	38.35 0.98 0.00	38.13 1.16 0.00	39.55 1.12 0.00	41.93 1.58 0.00	47.47 1.96 0.00	47.41 1.69 0.00	49.56 1.62 0.00	107.26 4.02 0.00	86.50 3.90 0.00	54.96 1.79 0.00	56.28 0.96 0.00	54.56 0.15 0.00	50.10 -0.55 0.00	41.58 -0.80 0.00
SOUTHOLD_69_KV_BK 2 55809	37.64 1.69 0.00	33.09 1.88 0.00	30.18 1.97 0.00	29.00 1.70 0.00	30.05 2.35 0.00	35.50 2.56 0.00	50.73 3.32 0.00	49.32 4.13 0.00	47.78 4.43 0.00	60.52 3.18 -18.13	61.63 2.61 -21.65	45.79 2.58 -6.23	45.28 2.83 -4.02	43.87 3.51 0.00	49.85 4.34 0.00	49.73 4.01 0.00	51.94 4.00 0.00	112.08 8.84 0.00	88.50 5.90 0.00	56.28 3.11 0.00	57.93 2.60 0.00	57.11 2.70 0.00	53.30 2.66 0.00	45.02 2.64 0.00
SOUTHOLD___IC 23719	37.64 1.69 0.00	33.09 1.88 0.00	30.18 1.97 0.00	29.00 1.70 0.00	30.04 2.35 0.00	35.50 2.56 0.00	50.73 3.32 0.00	49.33 4.13 0.00	47.78 4.43 0.00	60.52 3.18 -18.13	61.62 2.61 -21.65	45.79 2.59 -6.23	45.28 2.83 -4.02	43.87 3.51 0.00	49.84 4.34 0.00	49.74 4.02 0.00	51.94 4.01 0.00	112.08 8.84 0.00	88.50 5.90 0.00	56.28 3.12 0.00	57.93 2.60 0.00	57.13 2.72 0.00	53.29 2.65 0.00	45.02 2.64 0.00

SOUTH_FORK_WT_PWR 323839	37.60 1.65 0.00	33.10 1.90 0.00	30.23 2.01 0.00	29.04 1.74 0.00	30.10 2.41 0.00	35.59 2.66 0.00	50.87 3.47 0.00	49.47 4.28 0.00	47.93 4.59 0.00	60.64 3.30 -18.13	61.73 2.71 -21.65	45.89 2.70 -6.23	45.39 2.93 -4.02	43.95 3.60 0.00	49.95 4.45 0.00	49.81 4.09 0.00	51.96 4.03 0.00	111.98 8.74 0.00	88.43 5.84 0.00	56.18 3.01 0.00	57.79 2.47 0.00	57.06 2.65 0.00	53.31 2.66 0.00	45.05 2.67 0.00
SPIERFLS_115KV_TB 1 80737	37.15 1.20 0.00	32.31 1.11 0.00	29.24 1.02 0.00	28.26 0.97 0.00	28.71 1.02 0.00	34.22 1.29 0.00	49.40 2.00 0.00	46.83 1.64 0.00	44.64 1.29 0.00	40.04 0.82 0.00	37.82 0.46 0.00	37.22 0.25 0.00	38.58 0.15 0.00	40.53 0.18 0.00	45.72 0.22 0.00	46.38 0.67 0.00	49.11 1.18 0.00	107.22 3.98 0.00	86.45 3.85 0.00	55.65 2.48 0.00	57.72 2.39 0.00	56.79 2.38 0.00	52.89 2.24 0.00	43.89 1.51 0.00
ST LAWRENCE____ 23600	35.98 0.04 0.00	31.23 0.03 0.00	28.18 -0.03 0.00	27.29 -0.01 0.00	27.69 -0.01 0.00	32.95 0.01 0.00	47.37 -0.04 0.00	45.16 -0.03 0.00	43.42 0.07 0.00	39.42 0.20 0.00	37.64 0.28 0.00	37.21 0.24 0.00	38.63 0.19 0.00	40.32 -0.03 0.00	45.39 -0.11 0.00	45.44 -0.27 0.00	47.55 -0.38 0.00	101.90 -1.34 0.00	81.45 -1.15 0.00	52.77 -0.40 0.00	55.30 -0.04 0.00	54.42 0.00 0.00	50.71 0.06 0.00	42.40 0.02 0.00
STATE_CA_115KV_115_LB 55624	36.60 0.65 0.00	31.84 0.63 0.00	28.81 0.59 0.00	27.88 0.57 0.00	28.27 0.58 0.00	33.61 0.68 0.00	48.41 1.00 0.00	46.20 1.00 0.00	44.31 0.96 0.00	40.02 0.80 0.00	38.04 0.68 0.00	37.58 0.61 0.00	39.10 0.67 0.00	41.04 0.68 0.00	46.21 0.70 0.00	46.59 0.88 0.00	48.97 1.03 0.00	106.22 2.98 0.00	84.99 2.40 0.00	54.51 1.34 0.00	56.51 1.19 0.00	55.60 1.19 0.00	51.80 1.15 0.00	43.25 0.87 0.00
STATE_ST_34_KV_LOAD 55959	35.83 -0.12 0.00	31.00 -0.20 0.00	28.05 -0.16 0.00	27.25 -0.05 0.00	27.56 -0.13 0.00	32.99 0.05 0.00	47.53 0.12 0.00	45.38 0.18 0.00	44.03 0.68 0.00	39.38 0.16 0.00	37.53 0.17 0.00	37.25 0.28 0.00	38.84 0.41 0.00	40.94 0.58 0.00	46.13 0.62 0.00	46.44 0.73 0.00	49.18 1.24 0.00	106.72 3.48 0.00	85.90 3.30 0.00	54.69 1.52 0.00	56.00 0.67 0.00	55.05 0.64 0.00	50.89 0.24 0.00	42.53 0.15 0.00
STATION 5_MISC_HYD 23604	35.57 -0.38 0.00	30.63 -0.57 0.00	27.66 -0.55 0.00	26.79 -0.51 0.00	27.13 -0.56 0.00	32.49 -0.44 0.00	46.77 -0.63 0.00	44.48 -0.72 0.00	42.86 -0.49 0.00	38.97 -0.25 0.00	37.19 -0.18 0.00	37.00 0.04 0.00	38.57 0.14 0.00	40.74 0.39 0.00	46.24 0.73 0.00	46.35 0.64 0.00	48.64 0.71 0.00	104.15 0.91 0.00	83.84 1.24 0.00	53.81 0.64 0.00	55.44 0.12 0.00	54.12 -0.29 0.00	49.99 -0.66 0.00	41.75 -0.63 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.60 -0.35 0.00	30.70 -0.50 0.00	27.75 -0.47 0.00	26.87 -0.44 0.00	27.24 -0.46 0.00	32.60 -0.34 0.00	46.96 -0.45 0.00	44.74 -0.45 0.00	43.13 -0.22 0.00	39.01 -0.21 0.00	37.18 -0.19 0.00	36.95 -0.02 0.00	38.52 0.09 0.00	40.67 0.31 0.00	46.08 0.57 0.00	46.34 0.63 0.00	48.68 0.75 0.00	104.93 1.69 0.00	84.54 1.94 0.00	54.06 0.89 0.00	55.61 0.28 0.00	54.34 -0.07 0.00	50.22 -0.43 0.00	41.97 -0.41 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.35 -0.60 0.00	30.46 -0.75 0.00	27.50 -0.71 0.00	26.64 -0.66 0.00	26.98 -0.72 0.00	32.30 -0.63 0.00	46.49 -0.92 0.00	44.23 -0.96 0.00	42.60 -0.75 0.00	38.71 -0.51 0.00	36.94 -0.42 0.00	36.75 -0.22 0.00	38.31 -0.12 0.00	40.47 0.11 0.00	45.90 0.40 0.00	46.05 0.33 0.00	48.30 0.37 0.00	103.51 0.27 0.00	83.30 0.70 0.00	53.44 0.27 0.00	55.08 -0.25 0.00	53.79 -0.62 0.00	49.68 -0.97 0.00	41.50 -0.88 0.00
STA_56____34_KV_BUS2 355983	35.35 -0.60 0.00	30.46 -0.75 0.00	27.50 -0.71 0.00	26.64 -0.66 0.00	26.98 -0.72 0.00	32.30 -0.63 0.00	46.49 -0.92 0.00	44.23 -0.96 0.00	42.60 -0.75 0.00	38.71 -0.51 0.00	36.94 -0.42 0.00	36.75 -0.22 0.00	38.31 -0.12 0.00	40.47 0.11 0.00	45.90 0.40 0.00	46.05 0.33 0.00	48.30 0.37 0.00	103.51 0.27 0.00	83.30 0.70 0.00	53.44 0.27 0.00	55.08 -0.25 0.00	53.79 -0.62 0.00	49.68 -0.97 0.00	41.50 -0.88 0.00
STA_67____115KV_BK2 355882	35.50 -0.45 0.00	30.57 -0.63 0.00	27.61 -0.60 0.00	26.74 -0.56 0.00	27.08 -0.61 0.00	32.43 -0.50 0.00	46.67 -0.73 0.00	44.39 -0.81 0.00	42.77 -0.58 0.00	38.87 -0.36 0.00	37.09 -0.27 0.00	36.91 -0.06 0.00	38.46 0.03 0.00	40.63 0.27 0.00	46.08 0.58 0.00	46.21 0.49 0.00	48.47 0.53 0.00	103.77 0.53 0.00	83.54 0.95 0.00	53.64 0.47 0.00	55.27 -0.06 0.00	53.96 -0.45 0.00	49.87 -0.78 0.00	41.66 -0.72 0.00
STA_7____115KV_9TRANS 80674	35.75 -0.20 0.00	30.77 -0.43 0.00	27.78 -0.43 0.00	26.91 -0.40 0.00	27.25 -0.45 0.00	32.63 -0.30 0.00	47.01 -0.40 0.00	44.71 -0.49 0.00	43.07 -0.28 0.00	39.15 -0.07 0.00	37.37 0.01 0.00	37.20 0.23 0.00	38.79 0.36 0.00	41.01 0.66 0.00	46.54 1.03 0.00	46.69 0.98 0.00	49.02 1.09 0.00	105.01 1.77 0.00	84.53 1.93 0.00	54.24 1.07 0.00	55.86 0.53 0.00	54.51 0.10 0.00	50.33 -0.32 0.00	42.02 -0.36 0.00
STA_82____115KV_TB1 80780	35.46 -0.49 0.00	30.54 -0.66 0.00	27.58 -0.63 0.00	26.72 -0.58 0.00	27.05 -0.64 0.00	32.40 -0.54 0.00	46.63 -0.78 0.00	44.34 -0.85 0.00	42.71 -0.64 0.00	38.82 -0.40 0.00	37.03 -0.33 0.00	36.85 -0.12 0.00	38.41 -0.03 0.00	40.56 0.20 0.00	46.00 0.50 0.00	46.13 0.41 0.00	48.39 0.46 0.00	103.57 0.34 0.00	83.42 0.82 0.00	53.55 0.38 0.00	55.20 -0.13 0.00	53.90 -0.52 0.00	49.79 -0.86 0.00	41.60 -0.78 0.00
STEEL____WIND 323596	35.23 -0.71 0.00	30.24 -0.96 0.00	27.34 -0.88 0.00	26.48 -0.83 0.00	26.77 -0.92 0.00	32.15 -0.78 0.00	46.20 -1.20 0.00	43.96 -1.23 0.00	42.52 -0.82 0.00	38.98 -0.24 0.00	37.18 -0.18 0.00	37.02 0.06 0.00	38.56 0.13 0.00	40.69 0.34 0.00	46.25 0.75 0.00	46.22 0.50 0.00	48.24 0.30 0.00	102.82 -0.42 0.00	82.62 0.03 0.00	53.07 -0.10 0.00	54.54 -0.79 0.00	53.12 -1.30 0.00	48.96 -1.69 0.00	40.93 -1.45 0.00
STEPHTWN_115KV_BK_2 55603	36.71 0.76 0.00	31.88 0.68 0.00	28.83 0.62 0.00	27.89 0.59 0.00	28.31 0.62 0.00	33.69 0.75 0.00	48.62 1.21 0.00	46.36 1.17 0.00	44.40 1.05 0.00	40.01 0.79 0.00	37.97 0.61 0.00	37.44 0.47 0.00	39.01 0.57 0.00	40.93 0.57 0.00	46.11 0.61 0.00	46.49 0.78 0.00	48.94 1.01 0.00	106.64 3.40 0.00	85.34 2.75 0.00	54.85 1.68 0.00	56.72 1.40 0.00	55.76 1.35 0.00	51.92 1.28 0.00	43.29 0.91 0.00
STEUBEN_REC_LFGE 323667	36.17 0.22 0.00	31.12 -0.08 0.00	28.18 -0.03 0.00	27.24 -0.06 0.00	27.68 -0.01 0.00	33.17 0.23 0.00	47.83 0.42 0.00	45.48 0.29 0.00	43.28 -0.06 0.00	38.96 -0.26 0.00	36.94 -0.43 0.00	36.68 -0.29 0.00	38.13 -0.30 0.00	40.47 0.12 0.00	45.91 0.41 0.00	46.21 0.49 0.00	48.38 0.44 0.00	105.04 1.80 0.00	85.69 3.09 0.00	54.86 1.69 0.00	55.96 0.63 0.00	54.28 -0.13 0.00	49.93 -0.72 0.00	41.55 -0.83 0.00

STILLWATER___SOLAR 323814	37.21 1.26 0.00	32.37 1.17 0.00	29.28 1.06 0.00	28.32 1.02 0.00	28.75 1.05 0.00	34.25 1.32 0.00	49.41 2.00 0.00	46.99 1.80 0.00	44.84 1.49 0.00	40.33 1.11 0.00	38.21 0.85 0.00	37.63 0.66 0.00	39.11 0.68 0.00	41.11 0.75 0.00	46.27 0.77 0.00	46.79 1.08 0.00	49.40 1.47 0.00	107.65 4.41 0.00	86.51 3.92 0.00	55.65 2.48 0.00	57.71 2.38 0.00	56.78 2.36 0.00	52.88 2.23 0.00	44.00 1.62 0.00
STONY___BROOK 24151	37.16 1.22 0.00	32.44 1.24 0.00	29.44 1.23 0.00	28.38 1.08 0.00	29.17 1.48 0.00	34.40 1.46 0.00	49.39 1.98 0.00	47.84 2.64 0.00	46.14 2.79 0.00	59.11 1.77 -18.13	60.74 1.72 -21.65	44.91 1.71 -6.23	44.31 1.86 -4.02	42.84 2.49 0.00	48.52 3.02 0.00	48.34 2.62 0.00	50.55 2.61 0.00	108.59 5.35 0.00	85.73 3.13 0.00	54.77 1.61 0.00	56.66 1.33 0.00	56.08 1.67 0.00	52.32 1.67 0.00	44.25 1.87 0.00
STURGEON_POOL_HYD 23609	36.69 0.75 0.00	31.82 0.61 0.00	28.80 0.59 0.00	27.86 0.56 0.00	28.26 0.57 0.00	33.54 0.60 0.00	48.47 1.07 0.00	46.58 1.39 0.00	44.85 1.50 0.00	40.66 1.44 0.00	38.89 1.52 0.00	38.30 1.33 0.00	39.84 1.41 0.00	42.09 1.73 0.00	47.49 1.98 0.00	47.65 1.94 0.00	49.94 2.00 0.00	108.37 5.13 0.00	86.66 4.06 0.00	55.17 2.00 0.00	56.73 1.40 0.00	55.66 1.25 0.00	51.91 1.26 0.00	43.58 1.20 0.00
ST_LAW_115_BK7_LBMP 345037	35.98 0.03 0.00	31.23 0.03 0.00	28.18 -0.03 0.00	27.29 -0.01 0.00	27.69 -0.01 0.00	32.94 0.01 0.00	47.35 -0.05 0.00	45.16 -0.04 0.00	43.42 0.07 0.00	39.43 0.20 0.00	37.65 0.29 0.00	37.23 0.26 0.00	38.64 0.21 0.00	40.31 -0.05 0.00	45.34 -0.16 0.00	45.37 -0.35 0.00	47.46 -0.47 0.00	101.69 -1.55 0.00	81.28 -1.32 0.00	52.70 -0.47 0.00	55.26 -0.07 0.00	54.40 -0.02 0.00	50.69 0.04 0.00	42.38 0.00 0.00
ST_LAW_115_BK8_LBMP 345038	35.98 0.03 0.00	31.23 0.03 0.00	28.18 -0.03 0.00	27.29 -0.01 0.00	27.69 -0.01 0.00	32.94 0.01 0.00	47.35 -0.05 0.00	45.16 -0.04 0.00	43.42 0.07 0.00	39.43 0.20 0.00	37.65 0.29 0.00	37.23 0.26 0.00	38.64 0.21 0.00	40.31 -0.05 0.00	45.34 -0.16 0.00	45.37 -0.35 0.00	47.46 -0.47 0.00	101.69 -1.55 0.00	81.28 -1.32 0.00	52.70 -0.47 0.00	55.26 -0.07 0.00	54.40 -0.02 0.00	50.69 0.04 0.00	42.38 0.00 0.00
ST_LAW_230_BK5_LBMP 345035	35.98 0.04 0.00	31.23 0.03 0.00	28.18 -0.03 0.00	27.29 -0.01 0.00	27.69 -0.01 0.00	32.95 0.01 0.00	47.37 -0.04 0.00	45.16 -0.03 0.00	43.42 0.07 0.00	39.42 0.20 0.00	37.64 0.28 0.00	37.21 0.24 0.00	38.63 0.19 0.00	40.32 -0.03 0.00	45.39 -0.11 0.00	45.44 -0.27 0.00	47.55 -0.38 0.00	101.90 -1.34 0.00	81.45 -1.15 0.00	52.77 -0.40 0.00	55.30 -0.04 0.00	54.42 0.00 0.00	50.71 0.06 0.00	42.40 0.02 0.00
ST_LAW_230_BK6_LBMP 345036	35.98 0.04 0.00	31.23 0.03 0.00	28.18 -0.03 0.00	27.29 -0.01 0.00	27.69 -0.01 0.00	32.95 0.01 0.00	47.37 -0.04 0.00	45.16 -0.03 0.00	43.42 0.07 0.00	39.42 0.20 0.00	37.64 0.28 0.00	37.21 0.24 0.00	38.63 0.19 0.00	40.32 -0.03 0.00	45.39 -0.11 0.00	45.44 -0.27 0.00	47.55 -0.38 0.00	101.90 -1.34 0.00	81.45 -1.15 0.00	52.77 -0.40 0.00	55.30 -0.04 0.00	54.42 0.00 0.00	50.71 0.06 0.00	42.40 0.02 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.61 0.67 0.00	31.74 0.53 0.00	28.72 0.51 0.00	27.78 0.47 0.00	28.17 0.48 0.00	33.46 0.53 0.00	48.34 0.93 0.00	46.46 1.27 0.00	44.69 1.34 0.00	22.90 1.17 17.50	17.64 1.14 20.87	32.18 1.22 6.00	35.83 1.27 3.87	41.97 1.61 0.00	47.36 1.86 0.00	47.52 1.80 0.00	49.80 1.87 0.00	108.10 4.86 0.00	86.55 3.95 0.00	55.02 1.86 0.00	56.53 1.21 0.00	55.44 1.02 0.00	51.72 1.07 0.00	43.47 1.09 0.00
SWANROAD_115KV_TB1 355699	34.31 -1.64 0.00	29.46 -1.74 0.00	26.63 -1.59 0.00	25.83 -1.47 0.00	26.12 -1.58 0.00	31.34 -1.60 0.00	44.90 -2.51 0.00	42.69 -2.51 0.00	41.41 -1.93 0.00	37.96 -1.26 0.00	36.19 -1.17 0.00	36.03 -0.94 0.00	37.47 -0.97 0.00	39.53 -0.82 0.00	44.85 -0.66 0.00	44.74 -0.98 0.00	46.68 -1.25 0.00	98.87 -4.37 0.00	79.52 -3.07 0.00	51.18 -1.99 0.00	52.66 -2.67 0.00	51.38 -3.03 0.00	47.55 -3.10 0.00	39.85 -2.53 0.00
SYNERGY___BIOGAS 323694	35.62 -0.33 0.00	30.58 -0.62 0.00	27.63 -0.58 0.00	26.78 -0.52 0.00	27.11 -0.59 0.00	32.55 -0.38 0.00	47.15 -0.26 0.00	44.90 -0.29 0.00	42.97 -0.38 0.00	38.96 -0.26 0.00	37.05 -0.32 0.00	36.84 -0.12 0.00	38.31 -0.12 0.00	40.45 0.09 0.00	45.96 0.45 0.00	46.03 0.32 0.00	48.31 0.37 0.00	103.55 0.31 0.00	84.32 1.73 0.00	54.46 1.29 0.00	56.07 0.74 0.00	54.60 0.19 0.00	50.35 -0.30 0.00	42.03 -0.35 0.00
SYRACUSE___ENERGY_ST1 323597	35.61 -0.34 0.00	30.84 -0.36 0.00	27.90 -0.31 0.00	27.01 -0.30 0.00	27.39 -0.30 0.00	32.67 -0.27 0.00	47.16 -0.25 0.00	44.93 -0.26 0.00	43.61 0.26 0.00	39.23 0.02 0.00	37.35 -0.01 0.00	37.04 0.08 0.00	38.62 0.19 0.00	40.68 0.32 0.00	45.92 0.42 0.00	46.28 0.56 0.00	48.82 0.89 0.00	105.76 2.52 0.00	85.14 2.55 0.00	54.06 0.89 0.00	55.60 0.27 0.00	54.57 0.15 0.00	50.57 -0.08 0.00	42.31 -0.07 0.00
SYRACUSE___ENERGY_ST2 323598	35.61 -0.34 0.00	30.84 -0.36 0.00	27.90 -0.31 0.00	27.01 -0.30 0.00	27.39 -0.30 0.00	32.67 -0.27 0.00	47.16 -0.25 0.00	44.93 -0.26 0.00	43.61 0.26 0.00	39.23 0.02 0.00	37.35 -0.01 0.00	37.04 0.08 0.00	38.62 0.19 0.00	40.68 0.32 0.00	45.92 0.42 0.00	46.28 0.56 0.00	48.82 0.89 0.00	105.76 2.52 0.00	85.14 2.55 0.00	54.06 0.89 0.00	55.60 0.27 0.00	54.57 0.15 0.00	50.57 -0.08 0.00	42.31 -0.07 0.00
SYRACUSE___POWER 24017	35.63 -0.32 0.00	30.85 -0.35 0.00	27.91 -0.30 0.00	27.00 -0.30 0.00	27.39 -0.30 0.00	32.65 -0.28 0.00	47.05 -0.35 0.00	44.79 -0.40 0.00	43.11 -0.24 0.00	38.89 -0.33 0.00	37.01 -0.35 0.00	36.71 -0.26 0.00	38.23 -0.20 0.00	40.26 -0.09 0.00	45.48 -0.03 0.00	45.81 0.09 0.00	48.16 0.23 0.00	104.22 0.98 0.00	83.85 1.26 0.00	53.67 0.50 0.00	55.43 0.11 0.00	54.37 -0.05 0.00	50.41 -0.24 0.00	42.17 -0.21 0.00
TALLMAN___138KV_BK151 55660	36.72 0.77 0.00	31.81 0.61 0.00	28.79 0.58 0.00	27.84 0.54 0.00	28.24 0.55 0.00	33.54 0.60 0.00	48.45 1.04 0.00	46.55 1.35 0.00	44.82 1.47 0.00	18.02 1.32 22.51	11.81 1.30 26.86	30.65 1.40 7.73	34.92 1.48 4.99	42.22 1.87 0.00	47.64 2.14 0.00	47.77 2.06 0.00	50.04 2.11 0.00	108.69 5.45 0.00	86.95 4.35 0.00	55.13 1.97 0.00	56.53 1.20 0.00	55.42 1.01 0.00	51.74 1.09 0.00	43.54 1.16 0.00
TEALLAVE_115KV_TB7 355573	35.47 -0.47 0.00	30.72 -0.48 0.00	27.79 -0.42 0.00	26.89 -0.41 0.00	27.27 -0.42 0.00	32.51 -0.42 0.00	46.86 -0.54 0.00	44.59 -0.61 0.00	42.87 -0.48 0.00	38.72 -0.50 0.00	36.87 -0.50 0.00	36.57 -0.40 0.00	38.09 -0.34 0.00	40.12 -0.24 0.00	45.29 -0.21 0.00	45.61 -0.10 0.00	47.91 -0.03 0.00	103.60 0.36 0.00	83.26 0.67 0.00	53.33 0.16 0.00	55.11 -0.22 0.00	54.05 -0.36 0.00	50.14 -0.51 0.00	41.94 -0.45 0.00

TELGRAPH_34_KV_EAST 80808	35.09 -0.86 0.00	30.13 -1.08 0.00	27.23 -0.99 0.00	26.39 -0.92 0.00	26.70 -0.99 0.00	32.04 -0.90 0.00	46.07 -1.34 0.00	43.84 -1.35 0.00	42.32 -1.03 0.00	38.61 -0.61 0.00	36.78 -0.58 0.00	36.62 -0.35 0.00	38.10 -0.33 0.00	40.22 -0.13 0.00	45.66 0.15 0.00	45.64 -0.07 0.00	47.73 -0.20 0.00	101.67 -1.56 0.00	82.13 -0.46 0.00	52.89 -0.27 0.00	54.42 -0.91 0.00	53.04 -1.37 0.00	49.00 -1.65 0.00	40.99 -1.39 0.00
TEMPLE___115KV_TB 2 55572	35.48 -0.47 0.00	30.73 -0.47 0.00	27.79 -0.42 0.00	26.90 -0.41 0.00	27.28 -0.41 0.00	32.52 -0.41 0.00	46.86 -0.54 0.00	44.58 -0.62 0.00	42.86 -0.49 0.00	38.72 -0.50 0.00	36.88 -0.49 0.00	36.58 -0.39 0.00	38.09 -0.34 0.00	40.12 -0.24 0.00	45.30 -0.20 0.00	45.62 -0.10 0.00	47.92 -0.02 0.00	103.60 0.36 0.00	83.24 0.64 0.00	53.33 0.16 0.00	55.11 -0.22 0.00	54.05 -0.36 0.00	50.15 -0.50 0.00	41.94 -0.44 0.00
TIANA___69_KV_BK 1 55817	37.12 1.17 0.00	32.60 1.40 0.00	29.70 1.48 0.00	28.54 1.24 0.00	29.56 1.87 0.00	34.88 1.94 0.00	49.74 2.33 0.00	48.34 3.14 0.00	46.76 3.41 0.00	59.59 2.24 -18.13	60.79 1.77 -21.65	44.93 1.73 -6.23	44.35 1.90 -4.02	42.90 2.55 0.00	48.66 3.15 0.00	48.53 2.82 0.00	50.78 2.85 0.00	109.61 6.37 0.00	86.64 4.04 0.00	55.27 2.11 0.00	57.00 1.67 0.00	56.16 1.75 0.00	52.38 1.73 0.00	44.28 1.91 0.00
TILDEN___115KV_TB1 80814	35.63 -0.32 0.00	30.85 -0.35 0.00	27.91 -0.30 0.00	27.00 -0.30 0.00	27.39 -0.30 0.00	32.65 -0.28 0.00	47.05 -0.35 0.00	44.79 -0.40 0.00	43.11 -0.24 0.00	38.89 -0.33 0.00	37.01 -0.35 0.00	36.71 -0.26 0.00	38.23 -0.20 0.00	40.26 -0.09 0.00	45.48 -0.03 0.00	45.81 0.09 0.00	48.16 0.23 0.00	104.22 0.98 0.00	83.85 1.26 0.00	53.67 0.50 0.00	55.43 0.11 0.00	54.37 -0.05 0.00	50.41 -0.24 0.00	42.17 -0.21 0.00
TRIGEN___CC 323695	37.03 1.08 0.00	32.18 0.98 0.00	29.15 0.94 0.00	28.14 0.84 0.00	28.68 0.99 0.00	33.94 1.00 0.00	48.92 1.52 0.00	47.17 1.98 0.00	45.45 2.11 0.00	59.05 1.70 -18.13	60.71 1.70 -21.65	44.90 1.70 -6.23	44.26 1.80 -4.02	42.69 2.33 0.00	48.21 2.71 0.00	48.16 2.44 0.00	50.42 2.48 0.00	108.78 5.54 0.00	86.53 3.93 0.00	55.29 2.13 0.00	56.91 1.58 0.00	55.90 1.48 0.00	52.17 1.52 0.00	44.05 1.67 0.00
TRINITY___115KV__ 4 BK 55933	36.43 0.48 0.00	31.70 0.50 0.00	28.68 0.47 0.00	27.75 0.45 0.00	28.15 0.46 0.00	33.46 0.52 0.00	48.18 0.77 0.00	45.96 0.77 0.00	44.09 0.74 0.00	39.83 0.60 0.00	37.85 0.49 0.00	37.38 0.42 0.00	38.87 0.44 0.00	40.79 0.43 0.00	45.90 0.40 0.00	46.24 0.52 0.00	48.58 0.65 0.00	105.38 2.14 0.00	84.36 1.77 0.00	54.12 0.95 0.00	56.13 0.80 0.00	55.27 0.86 0.00	51.52 0.87 0.00	43.03 0.65 0.00
UNION___PROCESSING_DRP 323587	35.46 -0.49 0.00	30.55 -0.65 0.00	27.59 -0.62 0.00	26.73 -0.57 0.00	27.06 -0.63 0.00	32.40 -0.53 0.00	46.63 -0.78 0.00	44.36 -0.84 0.00	42.72 -0.63 0.00	38.83 -0.39 0.00	37.04 -0.32 0.00	36.86 -0.11 0.00	38.41 -0.02 0.00	40.57 0.21 0.00	46.01 0.50 0.00	46.13 0.42 0.00	48.40 0.46 0.00	103.61 0.37 0.00	83.45 0.85 0.00	53.57 0.40 0.00	55.21 -0.12 0.00	53.91 -0.50 0.00	49.81 -0.84 0.00	41.62 -0.76 0.00
UPPER HUDSON___HYD 24058	37.15 1.20 0.00	32.31 1.10 0.00	29.23 1.02 0.00	28.26 0.96 0.00	28.71 1.02 0.00	34.22 1.29 0.00	49.40 1.99 0.00	46.83 1.64 0.00	44.64 1.29 0.00	40.04 0.82 0.00	37.82 0.46 0.00	37.22 0.25 0.00	38.58 0.15 0.00	40.53 0.18 0.00	45.72 0.22 0.00	46.38 0.67 0.00	49.11 1.18 0.00	107.22 3.98 0.00	86.45 3.85 0.00	55.65 2.48 0.00	57.72 2.39 0.00	56.78 2.37 0.00	52.89 2.24 0.00	43.89 1.51 0.00
UPPER RAQUET___HYD 24056	36.20 0.25 0.00	31.42 0.22 0.00	28.31 0.09 0.00	27.42 0.12 0.00	27.82 0.13 0.00	33.11 0.18 0.00	47.61 0.21 0.00	45.42 0.23 0.00	43.85 0.51 0.00	39.91 0.69 0.00	38.12 0.76 0.00	37.62 0.65 0.00	38.75 0.32 0.00	40.27 -0.08 0.00	44.89 -0.61 0.00	44.67 -1.05 0.00	46.47 -1.47 0.00	99.75 -3.49 0.00	80.23 -2.37 0.00	52.36 -0.81 0.00	55.21 -0.12 0.00	54.53 0.11 0.00	51.14 0.50 0.00	42.98 0.60 0.00
VALLEY44_115KV_TB2 355964	35.36 -0.59 0.00	30.55 -0.65 0.00	27.71 -0.51 0.00	26.77 -0.53 0.00	27.20 -0.49 0.00	32.53 -0.40 0.00	46.95 -0.45 0.00	45.01 -0.19 0.00	43.24 -0.11 0.00	39.35 0.13 0.00	37.37 0.00 0.00	37.11 0.14 0.00	38.29 -0.14 0.00	40.68 0.33 0.00	45.84 0.33 0.00	45.57 -0.14 0.00	47.80 -0.14 0.00	104.26 1.02 0.00	84.19 1.59 0.00	53.14 -0.02 0.00	54.43 -0.90 0.00	53.09 -1.33 0.00	49.28 -1.37 0.00	41.43 -0.95 0.00
VALLEY___115KV_TB 1-4 80826	36.47 0.52 0.00	31.69 0.49 0.00	28.68 0.47 0.00	27.71 0.40 0.00	28.11 0.42 0.00	33.50 0.56 0.00	48.36 0.95 0.00	45.94 0.75 0.00	43.49 0.14 0.00	39.03 -0.19 0.00	37.06 -0.31 0.00	36.48 -0.49 0.00	38.01 -0.43 0.00	39.95 -0.40 0.00	45.10 -0.40 0.00	45.67 -0.05 0.00	48.16 0.23 0.00	105.13 1.89 0.00	84.66 2.07 0.00	54.39 1.22 0.00	56.45 1.13 0.00	55.70 1.28 0.00	51.78 1.13 0.00	43.12 0.74 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.83 0.88 0.00	31.96 0.75 0.00	28.95 0.73 0.00	28.00 0.69 0.00	28.40 0.71 0.00	33.67 0.74 0.00	48.75 1.35 0.00	46.56 1.36 0.00	44.72 1.37 0.00	40.36 1.14 0.00	38.43 1.07 0.00	38.03 1.06 0.00	39.50 1.07 0.00	41.67 1.31 0.00	47.00 1.50 0.00	47.28 1.57 0.00	49.57 1.64 0.00	107.53 4.29 0.00	86.26 3.67 0.00	55.26 2.09 0.00	57.05 1.73 0.00	56.04 1.63 0.00	52.10 1.45 0.00	43.57 1.20 0.00
VISCHER___FERRY HYD 24020	36.85 0.91 0.00	32.10 0.89 0.00	29.03 0.82 0.00	28.09 0.79 0.00	28.50 0.81 0.00	33.91 0.97 0.00	48.88 1.47 0.00	46.56 1.36 0.00	44.55 1.20 0.00	40.22 1.00 0.00	38.17 0.81 0.00	37.62 0.65 0.00	39.09 0.66 0.00	40.99 0.63 0.00	46.05 0.55 0.00	46.43 0.72 0.00	48.87 0.93 0.00	106.25 3.01 0.00	85.24 2.64 0.00	54.76 1.59 0.00	56.87 1.54 0.00	56.06 1.64 0.00	52.26 1.61 0.00	43.53 1.15 0.00
V_A_10_SYNC_DSASP 323832	34.83 -1.12 0.00	29.97 -1.23 0.00	27.08 -1.13 0.00	26.24 -1.06 0.00	26.56 -1.14 0.00	31.81 -1.12 0.00	45.69 -1.71 0.00	43.45 -1.74 0.00	42.02 -1.33 0.00	38.42 -0.80 0.00	36.64 -0.72 0.00	36.46 -0.51 0.00	37.96 -0.47 0.00	40.03 -0.32 0.00	45.39 -0.11 0.00	45.32 -0.40 0.00	47.37 -0.57 0.00	100.82 -2.42 0.00	81.05 -1.54 0.00	52.06 -1.10 0.00	53.61 -1.72 0.00	52.36 -2.05 0.00	48.45 -2.20 0.00	40.58 -1.80 0.00
V_CMM_10_SYNC_DSASP 323787	36.13 0.18 0.00	31.36 0.16 0.00	28.30 0.08 0.00	27.40 0.10 0.00	27.80 0.11 0.00	33.08 0.14 0.00	47.48 0.07 0.00	45.29 0.10 0.00	43.56 0.21 0.00	39.59 0.37 0.00	37.86 0.49 0.00	37.36 0.40 0.00	38.81 0.37 0.00	40.46 0.11 0.00	45.47 -0.04 0.00	45.51 -0.21 0.00	47.58 -0.36 0.00	101.98 -1.26 0.00	81.49 -1.11 0.00	52.87 -0.30 0.00	55.45 0.12 0.00	54.50 0.08 0.00	50.81 0.16 0.00	42.53 0.15 0.00

V_CMP_10_SYNC_DSASP 323788	36.33 0.38 0.00	31.54 0.34 0.00	28.51 0.30 0.00	27.58 0.27 0.00	28.00 0.31 0.00	33.40 0.46 0.00	48.22 0.82 0.00	45.86 0.66 0.00	44.09 0.74 0.00	40.03 0.81 0.00	38.18 0.81 0.00	37.75 0.78 0.00	39.19 0.76 0.00	40.87 0.52 0.00	45.97 0.47 0.00	46.11 0.39 0.00	48.35 0.42 0.00	103.87 0.63 0.00	83.21 0.61 0.00	53.86 0.69 0.00	56.26 0.93 0.00	55.26 0.85 0.00	51.53 0.88 0.00	42.93 0.55 0.00
V_D_10_SYNC_DSASP 323841	36.33 0.38 0.00	31.53 0.33 0.00	28.44 0.22 0.00	27.54 0.24 0.00	27.95 0.26 0.00	33.26 0.33 0.00	47.77 0.36 0.00	45.53 0.34 0.00	43.81 0.46 0.00	39.82 0.60 0.00	38.05 0.69 0.00	37.62 0.65 0.00	39.00 0.57 0.00	40.64 0.28 0.00	45.61 0.11 0.00	45.59 -0.13 0.00	47.66 -0.28 0.00	102.15 -1.10 0.00	81.75 -0.85 0.00	53.07 -0.10 0.00	55.68 0.35 0.00	54.84 0.43 0.00	51.13 0.48 0.00	42.79 0.42 0.00
V_E_10_SYNC_DSASP 323830	38.10 2.15 0.00	32.90 1.70 0.00	29.76 1.55 0.00	28.78 1.48 0.00	29.22 1.53 0.00	34.92 1.98 0.00	50.70 3.30 0.00	48.29 3.10 0.00	45.88 2.53 0.00	40.73 1.51 0.00	38.30 0.94 0.00	37.77 0.80 0.00	39.25 0.82 0.00	41.76 1.40 0.00	47.28 1.78 0.00	47.61 1.90 0.00	50.25 2.31 0.00	110.99 7.76 0.00	90.58 7.98 0.00	58.66 5.49 0.00	60.33 5.00 0.00	58.89 4.47 0.00	54.30 3.66 0.00	45.14 2.76 0.00
V_F_30_NSYNC___DSASP 323816	37.25 1.30 0.00	32.39 1.19 0.00	29.30 1.09 0.00	28.34 1.04 0.00	28.76 1.07 0.00	34.27 1.34 0.00	49.45 2.04 0.00	47.01 1.82 0.00	44.87 1.52 0.00	40.37 1.15 0.00	38.28 0.92 0.00	37.72 0.75 0.00	39.20 0.77 0.00	41.21 0.85 0.00	46.41 0.91 0.00	46.91 1.20 0.00	49.52 1.59 0.00	107.82 4.58 0.00	86.62 4.02 0.00	55.70 2.53 0.00	57.77 2.44 0.00	56.81 2.40 0.00	52.91 2.26 0.00	44.04 1.66 0.00
V_F_30_SYNC_DSASP 323786	36.60 0.65 0.00	31.84 0.63 0.00	28.80 0.59 0.00	27.88 0.57 0.00	28.27 0.58 0.00	33.61 0.68 0.00	48.41 1.00 0.00	46.19 1.00 0.00	44.31 0.96 0.00	40.01 0.79 0.00	38.04 0.67 0.00	37.58 0.61 0.00	39.09 0.66 0.00	41.04 0.68 0.00	46.20 0.70 0.00	46.58 0.86 0.00	48.96 1.03 0.00	106.20 2.96 0.00	84.97 2.37 0.00	54.50 1.33 0.00	56.50 1.18 0.00	55.60 1.19 0.00	51.80 1.15 0.00	43.25 0.87 0.00
V_XM_10_SYNC_DSASP 323789	36.33 0.38 0.00	31.54 0.34 0.00	28.51 0.30 0.00	27.58 0.27 0.00	28.00 0.31 0.00	33.40 0.46 0.00	48.22 0.82 0.00	45.86 0.66 0.00	44.09 0.74 0.00	40.03 0.81 0.00	38.18 0.81 0.00	37.75 0.78 0.00	39.19 0.76 0.00	40.87 0.52 0.00	45.97 0.47 0.00	46.11 0.39 0.00	48.35 0.42 0.00	103.87 0.63 0.00	83.21 0.61 0.00	53.86 0.69 0.00	56.26 0.93 0.00	55.26 0.85 0.00	51.53 0.88 0.00	42.93 0.55 0.00
W.BABYLN_69_KV_BK1 56697	37.56 1.62 0.00	32.69 1.48 0.00	29.62 1.41 0.00	28.57 1.27 0.00	29.25 1.56 0.00	34.53 1.60 0.00	49.73 2.32 0.00	48.06 2.87 0.00	46.31 2.96 0.00	59.59 2.24 -18.13	61.14 2.12 -21.65	45.29 2.09 -6.23	44.69 2.23 -4.02	43.20 2.85 0.00	48.92 3.42 0.00	48.84 3.12 0.00	51.16 3.23 0.00	110.34 7.10 0.00	87.39 4.80 0.00	55.89 2.72 0.00	57.70 2.37 0.00	56.76 2.35 0.00	52.90 2.25 0.00	44.69 2.31 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.86 0.92 0.00	31.93 0.73 0.00	28.91 0.69 0.00	27.94 0.64 0.00	28.35 0.65 0.00	33.67 0.74 0.00	48.66 1.25 0.00	46.79 1.60 0.00	45.05 1.71 0.00	58.95 1.51 -18.21	60.60 1.48 -21.76	44.82 1.59 -6.26	44.14 1.66 -4.04	42.41 2.05 0.00	47.86 2.35 0.00	47.99 2.28 0.00	50.30 2.37 0.00	109.24 6.00 0.00	87.38 4.78 0.00	55.45 2.28 0.00	56.88 1.55 0.00	55.76 1.35 0.00	52.03 1.38 0.00	43.77 1.40 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.98 1.03 0.00	32.03 0.83 0.00	29.01 0.80 0.00	28.03 0.74 0.00	28.44 0.75 0.00	33.75 0.82 0.00	48.79 1.38 0.00	47.02 1.83 0.00	45.35 2.01 0.00	59.40 1.84 -18.34	61.06 1.78 -21.91	44.01 1.90 -5.14	42.44 1.97 -2.04	39.27 2.36 3.45	48.12 2.61 0.00	48.12 2.41 0.00	50.34 2.40 0.00	109.10 5.86 0.00	87.15 4.56 0.00	55.29 2.12 0.00	56.73 1.41 0.00	55.63 1.21 0.00	52.05 1.40 0.00	44.05 1.67 0.00
W50THST__13_KV_LOAD 356117	37.16 1.21 0.00	32.19 0.98 0.00	29.13 0.92 0.00	28.16 0.87 0.00	28.58 0.89 0.00	33.93 1.00 0.00	49.08 1.67 0.00	47.34 2.15 0.00	45.72 2.37 0.00	59.76 2.20 -18.34	61.42 2.15 -21.91	44.38 2.27 -5.14	42.85 2.38 -2.04	39.68 2.78 3.45	48.63 3.12 0.00	48.63 2.91 0.00	50.82 2.89 0.00	110.07 6.83 0.00	87.85 5.26 0.00	55.69 2.53 0.00	57.11 1.79 0.00	55.96 1.54 0.00	52.35 1.71 0.00	44.19 1.81 0.00
WADING RIVER_IC_1 23522	36.66 0.71 0.00	32.28 1.08 0.00	29.42 1.21 0.00	28.24 0.94 0.00	29.35 1.66 0.00	34.58 1.65 0.00	49.14 1.73 0.00	47.82 2.62 0.00	46.27 2.93 0.00	59.01 1.66 -18.13	60.17 1.16 -21.65	44.32 1.12 -6.23	43.70 1.24 -4.02	42.18 1.83 0.00	47.80 2.29 0.00	47.68 1.97 0.00	49.90 1.96 0.00	107.65 4.41 0.00	85.15 2.55 0.00	54.38 1.22 0.00	56.12 0.79 0.00	55.39 0.97 0.00	51.63 0.98 0.00	43.68 1.30 0.00
WADING RIVER_IC_2 23547	36.66 0.71 0.00	32.28 1.08 0.00	29.42 1.21 0.00	28.24 0.94 0.00	29.35 1.66 0.00	34.58 1.65 0.00	49.14 1.73 0.00	47.82 2.62 0.00	46.27 2.93 0.00	59.01 1.66 -18.13	60.17 1.16 -21.65	44.32 1.12 -6.23	43.70 1.24 -4.02	42.18 1.83 0.00	47.80 2.29 0.00	47.68 1.97 0.00	49.90 1.96 0.00	107.65 4.41 0.00	85.15 2.55 0.00	54.38 1.22 0.00	56.12 0.79 0.00	55.39 0.97 0.00	51.63 0.98 0.00	43.68 1.30 0.00
WADING RIVER_IC_3 23601	36.66 0.71 0.00	32.28 1.08 0.00	29.42 1.21 0.00	28.24 0.94 0.00	29.35 1.66 0.00	34.58 1.65 0.00	49.14 1.73 0.00	47.82 2.62 0.00	46.27 2.93 0.00	59.01 1.66 -18.13	60.17 1.16 -21.65	44.32 1.12 -6.23	43.70 1.24 -4.02	42.18 1.83 0.00	47.80 2.29 0.00	47.68 1.97 0.00	49.90 1.96 0.00	107.65 4.41 0.00	85.15 2.55 0.00	54.38 1.22 0.00	56.12 0.79 0.00	55.39 0.97 0.00	51.63 0.98 0.00	43.68 1.30 0.00
WALDENNY_12_KV_BK2 80841	35.25 -0.70 0.00	30.25 -0.95 0.00	27.34 -0.87 0.00	26.48 -0.82 0.00	26.79 -0.90 0.00	32.17 -0.77 0.00	46.23 -1.17 0.00	43.98 -1.21 0.00	42.58 -0.77 0.00	39.00 -0.22 0.00	37.24 -0.12 0.00	37.09 0.12 0.00	38.63 0.20 0.00	40.78 0.43 0.00	46.34 0.84 0.00	46.29 0.58 0.00	48.35 0.41 0.00	102.91 -0.33 0.00	82.72 0.13 0.00	53.12 -0.05 0.00	54.58 -0.74 0.00	53.18 -1.23 0.00	49.04 -1.60 0.00	40.98 -1.40 0.00
WALDEN___HYDRO 24148	36.79 0.85 0.00	31.89 0.69 0.00	28.86 0.65 0.00	27.91 0.61 0.00	28.31 0.62 0.00	33.63 0.70 0.00	48.59 1.18 0.00	46.69 1.49 0.00	44.88 1.53 0.00	35.11 1.33 5.43	32.27 1.28 6.38	36.44 1.30 1.83	38.61 1.36 1.18	42.06 1.70 0.00	47.49 1.99 0.00	47.68 1.97 0.00	49.99 2.06 0.00	108.57 5.33 0.00	87.01 4.42 0.00	55.38 2.22 0.00	56.92 1.59 0.00	55.80 1.39 0.00	52.03 1.39 0.00	43.70 1.32 0.00

WARRENSBURG____ 23737	37.15 1.20 0.00	32.31 1.11 0.00	29.24 1.02 0.00	28.26 0.97 0.00	28.71 1.02 0.00	34.22 1.29 0.00	49.40 2.00 0.00	46.83 1.64 0.00	44.64 1.29 0.00	40.04 0.82 0.00	37.82 0.46 0.00	37.22 0.25 0.00	38.58 0.15 0.00	40.53 0.18 0.00	45.72 0.22 0.00	46.38 0.67 0.00	49.11 1.18 0.00	107.22 3.98 0.00	86.45 3.85 0.00	55.65 2.48 0.00	57.72 2.39 0.00	56.79 2.38 0.00	52.89 2.24 0.00	43.89 1.51 0.00
WATERSIDE____6 8 9 23538	37.01 1.06 0.00	32.06 0.86 0.00	29.05 0.83 0.00	28.09 0.78 0.00	28.44 0.75 0.00	33.78 0.84 0.00	48.80 1.39 0.00	47.06 1.87 0.00	45.42 2.07 0.00	59.43 1.87 -18.33	61.06 1.80 -21.90	47.50 1.95 -8.59	48.42 1.94 -8.05	49.47 2.33 -6.79	48.13 2.63 0.00	48.05 2.33 0.00	50.22 2.28 0.00	108.72 5.48 0.00	86.84 4.24 0.00	55.10 1.93 0.00	56.50 1.18 0.00	55.43 1.02 0.00	51.99 1.34 0.00	43.97 1.59 0.00
WATKINRD_115KV_LN8_ILLION 55919	36.27 0.32 0.00	31.52 0.31 0.00	28.52 0.31 0.00	27.56 0.26 0.00	27.97 0.28 0.00	33.30 0.37 0.00	48.03 0.62 0.00	45.69 0.50 0.00	43.42 0.07 0.00	39.05 -0.17 0.00	37.10 -0.27 0.00	36.57 -0.40 0.00	38.07 -0.36 0.00	40.02 -0.33 0.00	45.16 -0.34 0.00	45.61 -0.11 0.00	48.05 0.12 0.00	104.57 1.33 0.00	84.07 1.47 0.00	54.03 0.86 0.00	56.09 0.76 0.00	55.29 0.87 0.00	51.41 0.75 0.00	42.87 0.49 0.00
WDELAWARE____HYD 323627	36.24 0.29 0.00	31.40 0.20 0.00	28.42 0.20 0.00	27.48 0.17 0.00	27.88 0.18 0.00	33.14 0.20 0.00	47.91 0.50 0.00	46.05 0.86 0.00	44.24 0.89 0.00	36.08 0.76 3.90	33.58 0.71 4.49	36.35 0.67 1.28	38.31 0.70 0.83	41.37 1.01 0.00	46.75 1.24 0.00	46.98 1.27 0.00	49.38 1.44 0.00	107.33 4.09 0.00	86.05 3.46 0.00	54.71 1.54 0.00	56.25 0.92 0.00	55.13 0.71 0.00	51.34 0.69 0.00	43.05 0.67 0.00
WEST BABYLON____IC 23714	37.56 1.62 0.00	32.69 1.48 0.00	29.62 1.41 0.00	28.57 1.27 0.00	29.25 1.56 0.00	34.53 1.60 0.00	49.73 2.32 0.00	48.06 2.87 0.00	46.31 2.96 0.00	59.59 2.24 -18.13	61.14 2.12 -21.65	45.29 2.09 -6.23	44.69 2.23 -4.02	43.20 2.85 0.00	48.92 3.42 0.00	48.84 3.12 0.00	51.16 3.23 0.00	110.34 7.10 0.00	87.39 4.80 0.00	55.89 2.72 0.00	57.70 2.37 0.00	56.76 2.35 0.00	52.90 2.25 0.00	44.69 2.31 0.00
WEST CANADA____HYD 24049	35.99 0.04 0.00	31.25 0.05 0.00	28.27 0.06 0.00	27.36 0.05 0.00	27.75 0.06 0.00	33.00 0.07 0.00	47.50 0.09 0.00	45.29 0.09 0.00	43.38 0.03 0.00	39.20 -0.02 0.00	37.32 -0.05 0.00	36.91 -0.06 0.00	38.37 -0.06 0.00	40.33 -0.02 0.00	45.50 0.00 0.00	45.75 0.04 0.00	48.03 0.09 0.00	103.66 0.42 0.00	83.01 0.41 0.00	53.39 0.22 0.00	55.46 0.13 0.00	54.55 0.13 0.00	50.77 0.12 0.00	42.47 0.09 0.00
WESTERN_NY_WIND 24143	35.57 -0.38 0.00	30.54 -0.66 0.00	27.59 -0.62 0.00	26.74 -0.56 0.00	27.06 -0.63 0.00	32.50 -0.43 0.00	47.07 -0.33 0.00	44.84 -0.36 0.00	42.93 -0.42 0.00	38.95 -0.27 0.00	37.02 -0.34 0.00	36.82 -0.15 0.00	38.29 -0.14 0.00	40.42 0.06 0.00	45.94 0.44 0.00	46.02 0.30 0.00	48.27 0.34 0.00	103.45 0.21 0.00	84.18 1.59 0.00	54.37 1.20 0.00	55.98 0.65 0.00	54.51 0.10 0.00	50.27 -0.38 0.00	41.97 -0.41 0.00
WESTOVER____LESR 323668	35.79 -0.16 0.00	30.97 -0.23 0.00	28.07 -0.14 0.00	27.14 -0.17 0.00	27.55 -0.14 0.00	32.82 -0.12 0.00	47.31 -0.09 0.00	45.04 -0.15 0.00	43.27 -0.08 0.00	39.11 -0.10 0.00	37.22 -0.14 0.00	36.88 -0.09 0.00	38.33 -0.10 0.00	40.43 0.08 0.00	45.71 0.21 0.00	45.98 0.27 0.00	48.09 0.16 0.00	104.30 1.06 0.00	83.88 1.29 0.00	53.73 0.56 0.00	55.37 0.04 0.00	54.38 -0.04 0.00	50.37 -0.27 0.00	42.22 -0.16 0.00
WETHRSFD_WT_PWR 323626	35.28 -0.67 0.00	30.34 -0.86 0.00	27.46 -0.75 0.00	26.56 -0.74 0.00	26.91 -0.78 0.00	32.26 -0.67 0.00	46.39 -1.01 0.00	44.11 -1.09 0.00	42.21 -1.14 0.00	38.33 -0.89 0.00	36.52 -0.84 0.00	36.33 -0.64 0.00	37.80 -0.63 0.00	39.96 -0.39 0.00	45.38 -0.13 0.00	45.46 -0.25 0.00	47.48 -0.45 0.00	102.07 -1.17 0.00	82.63 0.04 0.00	53.04 -0.13 0.00	54.42 -0.91 0.00	52.98 -1.43 0.00	48.79 -1.86 0.00	40.73 -1.65 0.00
WHAVSTOR_138KV_BK127 55557	36.70 0.75 0.00	31.80 0.60 0.00	28.79 0.58 0.00	27.83 0.53 0.00	28.23 0.54 0.00	33.52 0.59 0.00	48.43 1.02 0.00	46.57 1.37 0.00	44.84 1.49 0.00	63.57 1.31 -23.04	66.16 1.28 -27.52	46.26 1.37 -7.92	44.98 1.43 -5.11	42.16 1.81 0.00	47.56 2.06 0.00	47.67 1.96 0.00	49.94 2.01 0.00	108.44 5.20 0.00	86.72 4.13 0.00	55.08 1.91 0.00	56.52 1.20 0.00	55.42 1.01 0.00	51.75 1.10 0.00	43.55 1.18 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.70 0.75 0.00	31.80 0.60 0.00	28.79 0.58 0.00	27.83 0.53 0.00	28.23 0.54 0.00	33.52 0.59 0.00	48.43 1.02 0.00	46.57 1.37 0.00	44.84 1.49 0.00	63.57 1.31 -23.04	66.16 1.28 -27.52	46.26 1.37 -7.92	44.98 1.43 -5.11	42.16 1.81 0.00	47.56 2.06 0.00	47.67 1.96 0.00	49.94 2.01 0.00	108.44 5.20 0.00	86.72 4.13 0.00	55.08 1.91 0.00	56.52 1.20 0.00	55.42 1.01 0.00	51.75 1.10 0.00	43.55 1.18 0.00
WHITEHAL_115KV_TB1 80871	38.36 2.41 0.00	33.27 2.07 0.00	30.19 1.98 0.00	29.15 1.84 0.00	29.67 1.98 0.00	35.39 2.46 0.00	51.22 3.81 0.00	48.54 3.34 0.00	46.35 3.01 0.00	41.38 2.16 0.00	38.72 1.36 0.00	37.75 0.78 0.00	39.08 0.65 0.00	40.79 0.44 0.00	46.13 0.63 0.00	47.02 1.31 0.00	50.32 2.39 0.00	110.99 7.75 0.00	90.09 7.49 0.00	58.11 4.95 0.00	59.78 4.45 0.00	59.09 4.67 0.00	55.01 4.36 0.00	45.18 2.80 0.00
WHITEPLN_13_KV_LOAD 356215	37.19 1.25 0.00	32.23 1.03 0.00	29.17 0.95 0.00	28.19 0.89 0.00	28.61 0.92 0.00	33.98 1.04 0.00	49.13 1.72 0.00	47.32 2.13 0.00	45.58 2.23 0.00	60.72 2.02 -19.47	62.59 1.97 -23.26	45.71 2.05 -6.69	44.89 2.14 -4.32	42.92 2.57 0.00	48.41 2.90 0.00	48.52 2.81 0.00	50.82 2.88 0.00	110.25 7.01 0.00	88.13 5.53 0.00	55.96 2.79 0.00	57.41 2.08 0.00	56.27 1.86 0.00	52.55 1.89 0.00	44.21 1.83 0.00
WM_FLOYD_69_KV_BK2 356380	37.00 1.05 0.00	32.43 1.23 0.00	29.50 1.29 0.00	28.38 1.09 0.00	29.34 1.65 0.00	34.59 1.65 0.00	49.41 2.00 0.00	47.95 2.75 0.00	46.32 2.98 0.00	59.21 1.87 -18.13	60.49 1.47 -21.65	44.62 1.42 -6.23	44.02 1.56 -4.02	42.52 2.16 0.00	48.20 2.69 0.00	48.03 2.32 0.00	50.28 2.35 0.00	108.50 5.26 0.00	85.90 3.30 0.00	54.89 1.72 0.00	56.65 1.32 0.00	55.89 1.47 0.00	52.13 1.48 0.00	44.09 1.71 0.00
WOODARD__115KV_TB2 355635	35.41 -0.53 0.00	30.69 -0.52 0.00	27.75 -0.46 0.00	26.85 -0.45 0.00	27.24 -0.46 0.00	32.46 -0.47 0.00	46.76 -0.64 0.00	44.50 -0.69 0.00	42.85 -0.50 0.00	38.68 -0.54 0.00	36.83 -0.53 0.00	36.53 -0.44 0.00	38.03 -0.40 0.00	40.05 -0.31 0.00	45.22 -0.28 0.00	45.53 -0.18 0.00	47.86 -0.08 0.00	103.49 0.25 0.00	83.16 0.57 0.00	53.19 0.02 0.00	54.94 -0.39 0.00	53.92 -0.49 0.00	50.02 -0.63 0.00	41.85 -0.53 0.00

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