

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

03/28/2025

ALBANY___2 23572	37.50 1.19 0.00	38.14 1.12 0.00	35.83 1.07 0.00	38.26 1.09 0.00	39.80 1.15 0.00	47.29 1.29 0.00	84.55 2.30 0.00	110.99 3.02 0.00	59.23 1.32 0.00	33.24 0.57 0.00	34.48 0.37 0.00	35.05 0.35 0.00	40.64 0.23 0.00	47.49 0.02 0.00	35.73 -0.29 0.00	34.25 -0.48 0.00	40.51 -0.56 0.00	42.01 -0.36 0.00	51.54 -0.17 0.00	47.09 -0.11 0.00	49.45 -0.07 0.00	35.94 -0.03 0.00	33.96 0.02 0.00	31.79 0.19 0.00
ALBANY___3 23573	37.50 1.19 0.00	38.14 1.12 0.00	35.83 1.07 0.00	38.26 1.09 0.00	39.80 1.15 0.00	47.29 1.29 0.00	84.55 2.30 0.00	110.99 3.02 0.00	59.23 1.32 0.00	33.24 0.57 0.00	34.48 0.37 0.00	35.05 0.35 0.00	40.64 0.23 0.00	47.49 0.02 0.00	35.73 -0.29 0.00	34.25 -0.48 0.00	40.51 -0.56 0.00	42.01 -0.36 0.00	51.54 -0.17 0.00	47.09 -0.11 0.00	49.45 -0.07 0.00	35.94 -0.03 0.00	33.96 0.02 0.00	31.79 0.19 0.00
ALBANY___4 23574	37.50 1.19 0.00	38.14 1.12 0.00	35.83 1.07 0.00	38.26 1.09 0.00	39.80 1.15 0.00	47.29 1.29 0.00	84.55 2.30 0.00	110.99 3.02 0.00	59.23 1.32 0.00	33.24 0.57 0.00	34.48 0.37 0.00	35.05 0.35 0.00	40.64 0.23 0.00	47.49 0.02 0.00	35.73 -0.29 0.00	34.25 -0.48 0.00	40.51 -0.56 0.00	42.01 -0.36 0.00	51.54 -0.17 0.00	47.09 -0.11 0.00	49.45 -0.07 0.00	35.94 -0.03 0.00	33.96 0.02 0.00	31.79 0.19 0.00
ALBANY___LFGE 323615	37.70 1.39 0.00	38.34 1.31 0.00	36.02 1.26 0.00	38.46 1.29 0.00	40.02 1.36 0.00	47.55 1.54 0.00	85.06 2.81 0.00	111.63 3.67 0.00	59.55 1.65 0.00	33.40 0.74 0.00	34.65 0.54 0.00	35.20 0.50 0.00	40.86 0.45 0.00	47.82 0.35 0.00	36.03 0.01 0.00	34.63 -0.11 0.00	40.98 -0.08 0.00	42.51 0.13 0.00	52.13 0.42 0.00	47.63 0.42 0.00	49.99 0.47 0.00	36.33 0.35 0.00	34.30 0.36 0.00	32.05 0.45 0.00
ALCOA_PA_115KV_PL-6C 55860	36.48 0.17 0.00	37.26 0.24 0.00	35.18 0.08 -0.33	39.01 0.17 -1.67	41.01 0.24 -2.11	47.99 0.31 -1.67	82.95 0.69 0.00	108.70 0.73 0.00	58.58 0.67 0.00	33.16 0.49 0.00	34.54 0.43 0.00	35.08 0.38 0.00	40.88 0.48 0.00	48.02 0.55 0.00	36.54 0.52 0.00	35.38 0.65 0.00	42.01 0.95 0.00	43.31 0.93 0.00	52.52 0.81 0.00	47.84 0.63 0.00	50.22 0.70 0.00	36.57 0.59 0.00	34.48 0.55 0.00	32.12 0.52 0.00
ALCOA_RYNLDS___DRP 24188	36.48 0.17 0.00	37.26 0.24 0.00	35.18 0.08 -0.33	39.01 0.17 -1.67	41.01 0.24 -2.11	47.99 0.31 -1.67	82.95 0.69 0.00	108.70 0.73 0.00	58.58 0.67 0.00	33.16 0.49 0.00	34.54 0.43 0.00	35.08 0.38 0.00	40.88 0.48 0.00	48.02 0.55 0.00	36.54 0.52 0.00	35.38 0.65 0.00	42.01 0.95 0.00	43.31 0.93 0.00	52.52 0.81 0.00	47.84 0.63 0.00	50.22 0.70 0.00	36.57 0.59 0.00	34.48 0.55 0.00	32.12 0.52 0.00
ALCOA___DSASP 323711	36.48 0.17 0.00	37.26 0.24 0.00	35.18 0.08 -0.33	39.01 0.17 -1.67	41.01 0.24 -2.11	47.99 0.31 -1.67	82.94 0.69 0.00	108.70 0.74 0.00	58.58 0.67 0.00	33.16 0.50 0.00	34.54 0.43 0.00	35.08 0.38 0.00	40.88 0.48 0.00	48.03 0.55 0.00	36.54 0.52 0.00	35.38 0.65 0.00	42.01 0.95 0.00	43.31 0.93 0.00	52.53 0.81 0.00	47.84 0.63 0.00	50.21 0.70 0.00	36.57 0.59 0.00	34.48 0.55 0.00	32.12 0.52 0.00
ALLEGHENY___COGEN 23514	36.01 -0.31 0.00	36.91 -0.11 0.00	34.80 0.04 0.00	37.55 0.38 0.00	39.28 0.62 0.00	47.10 1.09 0.00	83.87 1.62 0.00	109.77 1.80 0.00	58.69 0.79 0.00	33.37 0.71 0.00	35.14 1.03 0.00	35.69 0.99 0.00	41.08 0.67 0.00	47.54 0.07 0.00	35.92 -0.10 0.00	34.84 0.11 0.00	41.34 0.28 0.00	42.24 -0.13 0.00	51.55 -0.16 0.00	46.86 -0.35 0.00	48.90 -0.62 0.00	35.37 -0.60 0.00	33.38 -0.56 0.00	31.09 -0.51 0.00
ALTAMONT_115KV_TB 2 55880	37.31 1.00 0.00	37.97 0.95 0.00	35.68 0.92 0.00	38.09 0.92 0.00	39.64 0.98 0.00	47.12 1.11 0.00	84.26 2.00 0.00	110.62 2.66 0.00	59.05 1.15 0.00	33.12 0.46 0.00	34.37 0.25 0.00	34.92 0.22 0.00	40.59 0.18 0.00	47.70 0.23 0.00	36.10 0.08 0.00	34.76 0.03 0.00	41.18 0.12 0.00	42.68 0.30 0.00	52.31 0.60 0.00	47.80 0.59 0.00	50.19 0.67 0.00	36.47 0.49 0.00	34.38 0.45 0.00	32.04 0.44 0.00
ALTONA_WT_PWR 323606	35.71 -0.60 0.00	36.52 -0.50 0.00	24.76 -0.79 9.21	-10.03 -0.83 46.37	-20.86 -0.80 58.72	-1.45 -1.02 46.44	81.17 -1.08 0.00	106.89 -1.08 0.00	58.18 0.28 0.00	33.24 0.58 0.00	34.69 0.58 0.00	35.18 0.47 0.00	40.83 0.42 0.00	47.91 0.44 0.00	36.37 0.35 0.00	35.45 0.71 0.00	42.30 1.24 0.00	43.81 1.44 0.00	53.31 1.60 0.00	48.60 1.40 0.00	50.92 1.40 0.00	37.13 1.15 0.00	34.82 0.88 0.00	32.24 0.64 0.00
AMERICAN_REF_FUEL 24010	34.41 -1.90 0.00	35.29 -1.73 0.00	33.03 -1.73 0.00	35.35 -1.82 0.00	36.65 -2.01 0.00	43.77 -2.24 0.00	75.97 -6.28 0.00	98.09 -9.87 0.00	53.33 -4.57 0.00	30.70 -1.96 0.00	32.53 -1.58 0.00	33.38 -1.33 0.00	38.87 -1.54 0.00	45.20 -2.27 0.00	34.10 -1.92 0.00	33.03 -1.70 0.00	38.31 -2.75 0.00	38.93 -3.45 0.00	47.04 -4.67 0.00	42.92 -4.29 0.00	44.89 -4.63 0.00	32.67 -3.30 0.00	31.46 -2.47 0.00	29.54 -2.06 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.38 -1.94 0.00	36.13 -0.88 0.00	34.28 -0.48 0.00	36.77 -0.40 0.00	38.37 -0.28 0.00	45.97 -0.04 0.00	81.10 -1.15 0.00	106.10 -1.87 0.00	56.80 -1.11 0.00	32.31 -0.36 0.00	33.98 -0.13 0.00	34.79 0.09 0.00	40.62 0.21 0.00	47.33 -0.14 0.00	35.14 -0.88 0.00	33.74 -0.99 0.00	39.29 -1.77 0.00	40.12 -2.26 0.00	48.62 -3.09 0.00	43.57 -3.63 0.00	44.93 -4.59 0.00	32.76 -3.22 0.00	31.34 -2.60 0.00	28.92 -2.68 0.00
ARTHUR KILL_GT_1 23520	55.16 1.73 -17.12	54.39 1.71 -15.66	54.09 1.58 -17.75	54.10 1.70 -15.23	54.09 1.80 -13.64	56.05 1.92 -8.12	85.92 3.54 -0.13	117.19 5.67 -3.55	69.83 2.91 -9.02	56.23 1.48 -22.09	55.04 1.31 -19.62	51.86 1.23 -15.93	55.59 1.37 -13.82	52.96 1.76 -3.73	53.23 1.44 -15.77	55.13 1.21 -19.18	52.41 1.61 -9.74	52.22 1.90 -7.94	58.38 2.48 -4.18	89.80 2.53 -40.06	91.83 2.64 -39.68	55.97 1.86 -18.14	52.68 1.63 -17.12	51.88 1.39 -18.88
ARTHUR_KILL_2 23512	55.08 1.65 -17.12	54.29 1.61 -15.66	54.00 1.49 -17.75	54.00 1.60 -15.23	54.00 1.70 -13.64	55.93 1.80 -8.12	85.68 3.30 -0.13	116.90 5.38 -3.55	69.68 2.76 -9.02	56.14 1.39 -22.09	54.96 1.23 -19.62	51.79 1.15 -15.93	55.49 1.27 -13.82	52.86 1.66 -3.73	53.16 1.36 -15.77	55.04 1.13 -19.18	52.30 1.49 -9.74	52.11 1.79 -7.94	58.24 2.35 -4.18	89.67 2.40 -40.06	91.69 2.49 -39.68	55.87 1.76 -18.14	52.59 1.53 -17.12	51.79 1.31 -18.88
ARTHUR_KILL_3 23513	54.69 1.26 -17.12	53.89 1.21 -15.67	53.98 1.15 -18.07	53.60 1.19 -15.24	53.58 1.28 -13.65	55.81 1.41 -8.39	85.17 2.78 -0.13	113.39 4.31 -1.11	64.14 2.21 -4.03	54.02 1.13 -20.23	54.63 0.91 -19.61	51.50 0.87 -15.93	55.16 0.94 -13.81	51.38 1.23 -2.68	52.47 1.04 -15.41	54.74 0.84 -19.18	47.16 1.04 -5.06	50.05 1.32 -6.36	57.80 1.91 -4.17	88.72 1.94 -39.57	91.19 2.01 -39.67	55.47 1.35 -18.15	52.22 1.17 -17.12	51.62 0.96 -19.06

ARTHUR_KILL_COGEN 323718	55.16 1.73 -17.12	54.39 1.71 -15.66	54.09 1.58 -17.75	54.10 1.70 -15.23	54.09 1.80 -13.64	56.05 1.92 -8.12	85.92 3.54 -0.13	117.19 5.67 -3.55	69.83 2.91 -9.02	56.23 1.48 -22.09	55.04 1.31 -19.62	51.86 1.23 -15.93	55.59 1.37 -13.82	52.96 1.76 -3.73	53.23 1.44 -15.77	55.13 1.21 -19.18	52.41 1.61 -9.74	52.22 1.90 -7.94	58.38 2.48 -4.18	89.80 2.53 -40.06	91.83 2.64 -39.68	55.97 1.86 -18.14	52.68 1.63 -17.12	51.88 1.39 -18.88
ASHOKAN____ 23654	38.38 2.07 0.00	39.02 2.00 0.00	36.64 1.88 0.00	39.15 1.99 0.00	40.76 2.10 0.00	48.52 2.51 0.00	87.08 4.83 0.00	114.63 6.66 0.00	60.94 3.04 0.00	34.07 1.41 0.00	35.16 1.05 0.00	35.67 0.96 0.00	41.30 0.89 0.00	48.87 1.40 0.00	36.66 0.63 0.00	35.52 0.79 0.00	42.20 1.14 0.00	43.96 1.59 0.00	54.14 2.43 0.00	49.56 2.35 0.00	51.98 2.46 0.00	37.70 1.72 0.00	35.43 1.50 0.00	32.91 1.31 0.00
ASTORIA_EAST_ENERGY_CC1 323581	37.67 1.36 0.00	38.35 1.33 0.00	35.92 1.16 0.01	38.39 1.22 0.00	39.98 1.32 0.00	47.47 1.46 0.00	85.21 2.96 0.01	112.56 4.60 0.01	60.35 2.44 0.00	33.93 1.27 0.00	35.18 1.07 0.00	35.71 1.01 0.01	41.50 1.10 0.01	48.88 1.40 0.00	37.18 1.16 0.00	35.66 0.93 0.01	42.22 1.16 0.00	43.83 1.46 0.00	53.77 2.06 0.01	49.27 2.07 0.00	51.71 2.18 -0.01	37.48 1.50 -0.01	35.20 1.26 0.00	32.60 1.00 0.00
ASTORIA_EAST_ENERGY_CC2 323582	37.67 1.36 0.00	38.35 1.33 0.00	35.92 1.16 0.01	38.39 1.22 0.00	39.98 1.32 0.00	47.47 1.46 0.00	85.21 2.96 0.01	112.56 4.60 0.01	60.35 2.44 0.00	33.93 1.27 0.00	35.18 1.07 0.00	35.71 1.01 0.01	41.50 1.10 0.01	48.88 1.40 0.00	37.18 1.16 0.00	35.66 0.93 0.01	42.22 1.16 0.00	43.83 1.46 0.00	53.77 2.06 0.01	49.27 2.07 0.00	51.71 2.19 -0.01	37.48 1.50 -0.01	35.20 1.26 0.00	32.60 0.99 0.00
ASTORIA_GT2_1 24094	37.70 1.39 0.00	38.37 1.35 0.00	35.93 1.17 0.00	38.42 1.24 0.00	40.00 1.34 0.00	47.50 1.49 0.00	85.27 3.02 0.00	112.65 4.68 0.00	60.38 2.48 -0.01	33.95 1.29 0.00	35.19 1.09 0.00	35.72 1.02 0.01	41.53 1.13 0.01	48.92 1.45 0.00	37.20 1.18 0.00	35.67 0.94 0.01	42.24 1.18 0.00	43.85 1.48 0.00	53.80 2.09 0.01	49.30 2.09 0.00	51.74 2.22 -0.01	37.49 1.51 -0.01	35.21 1.27 0.00	32.63 1.03 -0.01
ASTORIA_GT2_2 24095	37.70 1.39 0.00	38.37 1.35 0.00	35.93 1.17 0.00	38.42 1.24 0.00	40.00 1.34 0.00	47.50 1.49 0.00	85.27 3.02 0.00	112.65 4.68 0.00	60.38 2.48 -0.01	33.95 1.29 0.00	35.19 1.09 0.00	35.72 1.02 0.01	41.53 1.13 0.01	48.92 1.45 0.00	37.20 1.18 0.00	35.67 0.94 0.01	42.24 1.18 0.00	43.85 1.48 0.00	53.80 2.09 0.01	49.30 2.09 0.00	51.74 2.22 -0.01	37.49 1.51 -0.01	35.21 1.27 0.00	32.63 1.03 -0.01
ASTORIA_GT2_3 24096	37.70 1.39 0.00	38.37 1.35 0.00	35.93 1.17 0.00	38.42 1.24 0.00	40.00 1.34 0.00	47.50 1.49 0.00	85.27 3.02 0.00	112.65 4.68 0.00	60.38 2.48 -0.01	33.95 1.29 0.00	35.19 1.09 0.00	35.72 1.02 0.01	41.53 1.13 0.01	48.92 1.45 0.00	37.20 1.18 0.00	35.67 0.94 0.01	42.24 1.18 0.00	43.85 1.48 0.00	53.80 2.09 0.01	49.30 2.09 0.00	51.74 2.22 -0.01	37.49 1.51 -0.01	35.21 1.27 0.00	32.63 1.03 -0.01
ASTORIA_GT2_4 24097	37.70 1.39 0.00	38.37 1.35 0.00	35.93 1.17 0.00	38.42 1.24 0.00	40.00 1.34 0.00	47.50 1.49 0.00	85.27 3.02 0.00	112.65 4.68 0.00	60.38 2.48 -0.01	33.95 1.29 0.00	35.19 1.09 0.00	35.72 1.02 0.01	41.53 1.13 0.01	48.92 1.45 0.00	37.20 1.18 0.00	35.67 0.94 0.01	42.24 1.18 0.00	43.85 1.48 0.00	53.80 2.09 0.01	49.30 2.09 0.00	51.74 2.22 -0.01	37.49 1.51 -0.01	35.21 1.27 0.00	32.63 1.03 -0.01
ASTORIA_GT3_1 24098	37.70 1.39 0.00	38.37 1.35 0.00	35.93 1.17 0.00	38.42 1.24 0.00	40.00 1.34 0.00	47.50 1.49 0.00	85.27 3.02 0.00	112.65 4.68 0.00	60.38 2.48 -0.01	33.95 1.29 0.00	35.19 1.09 0.00	35.72 1.02 0.01	41.53 1.13 0.01	48.92 1.45 0.00	37.20 1.18 0.00	35.67 0.94 0.01	42.24 1.18 0.00	43.85 1.48 0.00	53.80 2.09 0.01	49.30 2.09 0.00	51.74 2.22 -0.01	37.49 1.51 -0.01	35.21 1.27 0.00	32.63 1.03 -0.01
ASTORIA_GT3_2 24099	37.70 1.39 0.00	38.37 1.35 0.00	35.93 1.17 0.00	38.42 1.24 0.00	40.00 1.34 0.00	47.50 1.49 0.00	85.27 3.02 0.00	112.65 4.68 0.00	60.38 2.48 -0.01	33.95 1.29 0.00	35.19 1.09 0.00	35.72 1.02 0.01	41.53 1.13 0.01	48.92 1.45 0.00	37.20 1.18 0.00	35.67 0.94 0.01	42.24 1.18 0.00	43.85 1.48 0.00	53.80 2.09 0.01	49.30 2.09 0.00	51.74 2.22 -0.01	37.49 1.51 -0.01	35.21 1.27 0.00	32.63 1.03 -0.01
ASTORIA_GT3_3 24100	37.70 1.39 0.00	38.37 1.35 0.00	35.93 1.17 0.00	38.42 1.24 0.00	40.00 1.34 0.00	47.50 1.49 0.00	85.27 3.02 0.00	112.65 4.68 0.00	60.38 2.48 -0.01	33.95 1.29 0.00	35.19 1.09 0.00	35.72 1.02 0.01	41.53 1.13 0.01	48.92 1.45 0.00	37.20 1.18 0.00	35.67 0.94 0.01	42.24 1.18 0.00	43.85 1.48 0.00	53.80 2.09 0.01	49.30 2.09 0.00	51.74 2.22 -0.01	37.49 1.51 -0.01	35.21 1.27 0.00	32.63 1.03 -0.01
ASTORIA_GT3_4 24101	37.70 1.39 0.00	38.37 1.35 0.00	35.93 1.17 0.00	38.42 1.24 0.00	40.00 1.34 0.00	47.50 1.49 0.00	85.27 3.02 0.00	112.65 4.68 0.00	60.38 2.48 -0.01	33.95 1.29 0.00	35.19 1.09 0.00	35.72 1.02 0.01	41.53 1.13 0.01	48.92 1.45 0.00	37.20 1.18 0.00	35.67 0.94 0.01	42.24 1.18 0.00	43.85 1.48 0.00	53.80 2.09 0.01	49.30 2.09 0.00	51.74 2.22 -0.01	37.49 1.51 -0.01	35.21 1.27 0.00	32.63 1.03 -0.01
ASTORIA_GT4_1 24102	37.70 1.39 0.00	38.37 1.35 0.00	35.93 1.17 0.00	38.42 1.24 0.00	40.00 1.34 0.00	47.50 1.49 0.00	85.27 3.02 0.00	112.65 4.68 0.00	60.38 2.48 -0.01	33.95 1.29 0.00	35.19 1.09 0.00	35.72 1.02 0.01	41.53 1.13 0.01	48.92 1.45 0.00	37.20 1.18 0.00	35.67 0.94 0.01	42.24 1.18 0.00	43.85 1.48 0.00	53.80 2.09 0.01	49.30 2.09 0.00	51.74 2.22 -0.01	37.49 1.51 -0.01	35.21 1.27 0.00	32.63 1.03 -0.01
ASTORIA_GT4_2 24103	37.70 1.39 0.00	38.37 1.35 0.00	35.93 1.17 0.00	38.42 1.24 0.00	40.00 1.34 0.00	47.50 1.49 0.00	85.27 3.02 0.00	112.65 4.68 0.00	60.38 2.48 -0.01	33.95 1.29 0.00	35.19 1.09 0.00	35.72 1.02 0.01	41.53 1.13 0.01	48.92 1.45 0.00	37.20 1.18 0.00	35.67 0.94 0.01	42.24 1.18 0.00	43.85 1.48 0.00	53.80 2.09 0.01	49.30 2.09 0.00	51.74 2.22 -0.01	37.49 1.51 -0.01	35.21 1.27 0.00	32.63 1.03 -0.01
ASTORIA_GT4_3 24104	37.70 1.39 0.00	38.37 1.35 0.00	35.93 1.17 0.00	38.42 1.24 0.00	40.00 1.34 0.00	47.50 1.49 0.00	85.27 3.02 0.00	112.65 4.68 0.00	60.38 2.48 -0.01	33.95 1.29 0.00	35.19 1.09 0.00	35.72 1.02 0.01	41.53 1.13 0.01	48.92 1.45 0.00	37.20 1.18 0.00	35.67 0.94 0.01	42.24 1.18 0.00	43.85 1.48 0.00	53.80 2.09 0.01	49.30 2.09 0.00	51.74 2.22 -0.01	37.49 1.51 -0.01	35.21 1.27 0.00	32.63 1.03 -0.01

ASTORIA_GT4_4 24105	37.70 1.39 0.00	38.37 1.35 0.00	35.93 1.17 0.00	38.42 1.24 0.00	40.00 1.34 0.00	47.50 1.49 0.00	85.27 3.02 0.00	112.65 4.68 0.00	60.38 2.48 -0.01	33.95 1.29 0.00	35.19 1.09 0.00	35.72 1.02 0.01	41.53 1.13 0.01	48.92 1.45 0.00	37.20 1.18 0.00	35.67 0.94 0.01	42.24 1.18 0.00	43.85 1.48 0.00	53.80 2.09 0.01	49.30 2.09 0.00	51.74 2.22 -0.01	37.49 1.51 -0.01	35.21 1.27 0.00	32.63 1.03 -0.01
ASTORIA_GT_1 23523	37.75 1.44 0.00	38.42 1.41 0.00	35.98 1.22 0.01	38.46 1.29 0.00	40.05 1.40 0.00	47.56 1.56 0.00	85.38 3.14 0.01	112.81 4.85 0.01	60.49 2.59 0.00	34.01 1.35 0.00	35.26 1.15 0.00	35.79 1.09 0.01	41.61 1.21 0.01	49.00 1.53 0.00	37.26 1.25 0.00	35.74 1.01 0.01	42.32 1.26 0.00	43.94 1.56 0.00	53.89 2.18 0.01	49.38 2.18 0.00	51.82 2.30 -0.01	37.55 1.57 -0.01	35.26 1.32 0.00	32.65 1.05 0.00
ASTORIA_GT_10 24110	37.90 1.59 0.00	38.55 1.54 0.00	36.18 1.43 0.00	38.68 1.51 0.00	40.27 1.61 0.00	47.85 1.82 -0.01	85.83 3.58 0.00	113.45 5.48 0.00	64.88 2.89 -4.09	37.01 1.50 -2.85	36.40 1.32 -0.97	36.75 1.26 -0.79	45.98 1.42 -4.15	51.12 1.78 -1.87	38.58 1.43 -1.12	36.76 1.19 -0.83	42.57 1.47 -0.03	44.15 1.77 -0.01	57.70 2.46 -3.53	50.61 2.42 -0.98	53.82 2.54 -1.77	37.73 1.75 -0.01	35.46 1.53 0.00	32.89 1.28 -0.01
ASTORIA_GT_11 24225	37.90 1.59 0.00	38.55 1.54 0.00	36.18 1.43 0.00	38.68 1.51 0.00	40.27 1.61 0.00	47.85 1.82 -0.01	85.83 3.58 0.00	113.45 5.48 0.00	64.88 2.89 -4.09	37.01 1.50 -2.85	36.40 1.32 -0.97	36.75 1.26 -0.79	45.98 1.42 -4.15	51.12 1.78 -1.87	38.58 1.43 -1.12	36.76 1.19 -0.83	42.57 1.47 -0.03	44.15 1.77 -0.01	57.70 2.46 -3.53	50.61 2.42 -0.98	53.82 2.54 -1.77	37.73 1.75 -0.01	35.46 1.53 0.00	32.89 1.28 -0.01
ASTORIA_GT_12 24226	37.90 1.59 0.00	38.55 1.54 0.00	36.18 1.43 0.00	38.68 1.51 0.00	40.27 1.61 0.00	47.85 1.82 -0.01	85.83 3.58 0.00	113.45 5.48 0.00	64.88 2.89 -4.09	37.01 1.50 -2.85	36.40 1.32 -0.97	36.75 1.26 -0.79	45.98 1.42 -4.15	51.12 1.78 -1.87	38.58 1.43 -1.12	36.76 1.19 -0.83	42.57 1.47 -0.03	44.15 1.77 -0.01	57.70 2.46 -3.53	50.61 2.42 -0.98	53.82 2.54 -1.77	37.73 1.75 -0.01	35.46 1.53 0.00	32.89 1.28 -0.01
ASTORIA_GT_13 24227	37.90 1.59 0.00	38.55 1.54 0.00	36.18 1.43 0.00	38.68 1.51 0.00	40.27 1.61 0.00	47.85 1.82 -0.01	85.83 3.58 0.00	113.45 5.48 0.00	64.88 2.89 -4.09	37.01 1.50 -2.85	36.40 1.32 -0.97	36.75 1.26 -0.79	45.98 1.42 -4.15	51.12 1.78 -1.87	38.58 1.43 -1.12	36.76 1.19 -0.83	42.57 1.47 -0.03	44.15 1.77 -0.01	57.70 2.46 -3.53	50.61 2.42 -0.98	53.82 2.54 -1.77	37.73 1.75 -0.01	35.46 1.53 0.00	32.89 1.28 -0.01
ASTORIA_GT_5 24106	37.75 1.44 0.00	38.43 1.41 0.00	35.99 1.22 0.00	38.46 1.29 0.00	40.05 1.40 0.00	47.56 1.56 0.00	85.39 3.14 0.00	112.82 4.85 0.00	60.49 2.59 -0.01	34.01 1.35 0.00	35.26 1.15 0.00	35.79 1.09 0.01	41.61 1.22 0.01	49.01 1.54 0.00	37.27 1.25 0.00	35.74 1.01 0.01	42.32 1.26 0.00	43.94 1.56 0.00	53.89 2.18 0.01	49.39 2.18 0.00	51.82 2.30 -0.01	37.55 1.58 -0.01	35.26 1.32 0.00	32.67 1.07 -0.01
ASTORIA_GT_7 24107	37.75 1.44 0.00	38.43 1.41 0.00	35.99 1.22 0.00	38.46 1.29 0.00	40.05 1.40 0.00	47.56 1.56 0.00	85.39 3.14 0.00	112.82 4.85 0.00	60.49 2.59 -0.01	34.01 1.35 0.00	35.26 1.15 0.00	35.79 1.09 0.01	41.61 1.22 0.01	49.01 1.54 0.00	37.27 1.25 0.00	35.74 1.01 0.01	42.32 1.26 0.00	43.94 1.56 0.00	53.89 2.18 0.01	49.39 2.18 0.00	51.82 2.30 -0.01	37.55 1.58 -0.01	35.26 1.32 0.00	32.67 1.07 -0.01
ASTORIA_GT_8 24108	37.75 1.44 0.00	38.43 1.41 0.00	35.99 1.22 0.00	38.46 1.29 0.00	40.05 1.40 0.00	47.56 1.56 0.00	85.39 3.14 0.00	112.82 4.85 0.00	60.49 2.59 -0.01	34.01 1.35 0.00	35.26 1.15 0.00	35.79 1.09 0.01	41.61 1.22 0.01	49.01 1.54 0.00	37.27 1.25 0.00	35.74 1.01 0.01	42.32 1.26 0.00	43.94 1.56 0.00	53.89 2.18 0.01	49.39 2.18 0.00	51.82 2.30 -0.01	37.55 1.58 -0.01	35.26 1.32 0.00	32.67 1.07 -0.01
ASTORIA___2 24149	37.70 1.39 0.00	38.37 1.35 0.00	35.93 1.17 0.01	38.41 1.24 0.00	40.00 1.34 0.00	47.50 1.49 0.00	85.27 3.02 0.01	112.64 4.68 0.01	60.38 2.48 0.00	33.95 1.29 0.00	35.19 1.09 0.00	35.72 1.02 0.01	41.53 1.13 0.01	48.92 1.45 0.00	37.20 1.18 0.00	35.67 0.94 0.01	42.24 1.18 0.00	43.85 1.48 0.00	53.80 2.09 0.01	49.30 2.09 0.00	51.74 2.22 -0.01	37.49 1.51 -0.01	35.21 1.27 0.00	32.61 1.01 0.00
ASTORIA___3 23516	37.90 1.58 0.00	38.56 1.54 0.00	36.19 1.43 0.00	38.68 1.51 0.00	40.27 1.61 0.00	47.85 1.83 -0.01	85.83 3.58 0.00	113.45 5.48 0.00	64.88 2.88 -4.09	37.01 1.50 -2.85	36.40 1.32 -0.97	36.75 1.26 -0.79	45.98 1.42 -4.15	51.12 1.78 -1.87	38.58 1.43 -1.12	36.76 1.19 -0.83	42.56 1.47 -0.03	44.15 1.77 -0.01	57.70 2.46 -3.53	50.60 2.42 -0.98	53.81 2.53 -1.77	37.73 1.75 -0.01	35.46 1.53 0.00	32.88 1.28 -0.01
ASTORIA___4 23517	37.90 1.59 0.00	38.55 1.54 0.00	36.18 1.43 0.00	38.68 1.51 0.00	40.27 1.61 0.00	47.85 1.82 -0.01	85.83 3.58 0.00	113.45 5.48 0.00	64.88 2.89 -4.09	37.01 1.50 -2.85	36.40 1.32 -0.97	36.75 1.26 -0.79	45.98 1.42 -4.15	51.12 1.78 -1.87	38.58 1.43 -1.12	36.76 1.19 -0.83	42.57 1.47 -0.03	44.15 1.77 -0.01	57.70 2.46 -3.53	50.61 2.42 -0.98	53.82 2.54 -1.77	37.73 1.75 -0.01	35.46 1.53 0.00	32.89 1.28 -0.01
ASTORIA___5 23518	37.90 1.58 0.00	38.56 1.54 0.00	36.19 1.43 0.00	38.68 1.51 0.00	40.27 1.61 0.00	47.85 1.83 -0.01	85.83 3.58 0.00	113.44 5.48 0.00	64.88 2.88 -4.09	37.01 1.50 -2.85	36.40 1.32 -0.97	36.75 1.26 -0.79	45.98 1.42 -4.15	51.12 1.78 -1.87	38.58 1.43 -1.12	36.76 1.19 -0.83	42.56 1.47 -0.03	44.15 1.77 -0.01	57.70 2.46 -3.53	50.60 2.42 -0.98	53.81 2.53 -1.77	37.73 1.75 -0.01	35.46 1.53 0.00	32.88 1.28 -0.01
AST_ENERGY_2_CC3 323677	37.71 1.40 0.00	38.35 1.33 0.00	36.02 1.26 0.00	38.48 1.31 0.00	40.07 1.41 0.00	47.59 1.58 0.00	85.39 3.13 0.00	112.78 4.82 0.00	60.42 2.52 0.00	33.96 1.30 0.00	35.22 1.11 0.00	35.75 1.05 0.00	41.55 1.14 0.00	48.96 1.49 0.00	37.22 1.20 0.00	35.71 0.98 0.00	42.27 1.21 0.00	43.89 1.52 0.00	53.84 2.13 0.00	49.34 2.13 0.00	51.74 2.22 0.00	37.49 1.52 0.00	35.25 1.32 0.00	32.71 1.11 0.00
AST_ENERGY_2_CC4 323678	37.71 1.40 0.00	38.35 1.33 0.00	36.02 1.26 0.00	38.48 1.31 0.00	40.07 1.41 0.00	47.59 1.58 0.00	85.39 3.13 0.00	112.78 4.82 0.00	60.42 2.52 0.00	33.96 1.30 0.00	35.22 1.11 0.00	35.75 1.05 0.00	41.55 1.14 0.00	48.96 1.49 0.00	37.22 1.20 0.00	35.71 0.98 0.00	42.27 1.21 0.00	43.89 1.52 0.00	53.84 2.13 0.00	49.34 2.13 0.00	51.74 2.22 0.00	37.49 1.52 0.00	35.25 1.32 0.00	32.71 1.11 0.00

ATHENS_STG_1 23668	37.14 0.82 0.00	37.79 0.77 0.00	35.51 0.75 0.00	37.93 0.76 0.00	39.46 0.80 0.00	46.86 0.86 0.00	83.85 1.60 0.00	110.22 2.25 0.00	58.97 1.07 0.00	33.16 0.49 0.00	34.43 0.32 0.00	34.98 0.28 0.00	40.69 0.28 0.00	47.88 0.40 0.00	36.34 0.32 0.00	34.95 0.21 0.00	41.36 0.30 0.00	42.89 0.52 0.00	52.59 0.87 0.00	48.07 0.86 0.00	50.47 0.95 0.00	36.66 0.69 0.00	34.53 0.59 0.00	32.10 0.50 0.00
ATHENS_STG_2 23670	37.14 0.82 0.00	37.79 0.77 0.00	35.51 0.75 0.00	37.93 0.76 0.00	39.46 0.80 0.00	46.86 0.86 0.00	83.85 1.60 0.00	110.22 2.25 0.00	58.97 1.07 0.00	33.16 0.49 0.00	34.43 0.32 0.00	34.98 0.28 0.00	40.69 0.28 0.00	47.88 0.40 0.00	36.34 0.32 0.00	34.95 0.21 0.00	41.36 0.30 0.00	42.89 0.52 0.00	52.59 0.87 0.00	48.07 0.86 0.00	50.47 0.95 0.00	36.66 0.69 0.00	34.53 0.59 0.00	32.10 0.50 0.00
ATHENS_STG_3 23677	37.14 0.82 0.00	37.79 0.77 0.00	35.51 0.75 0.00	37.93 0.76 0.00	39.46 0.80 0.00	46.86 0.86 0.00	83.85 1.60 0.00	110.22 2.25 0.00	58.97 1.07 0.00	33.16 0.49 0.00	34.43 0.32 0.00	34.98 0.28 0.00	40.69 0.28 0.00	47.88 0.40 0.00	36.34 0.32 0.00	34.95 0.21 0.00	41.36 0.30 0.00	42.89 0.52 0.00	52.59 0.87 0.00	48.07 0.86 0.00	50.47 0.95 0.00	36.66 0.69 0.00	34.53 0.59 0.00	32.10 0.50 0.00
AUBURN___LFGE 323710	36.31 0.00 0.00	37.06 0.05 0.00	34.85 0.09 0.00	37.31 0.14 0.00	38.79 0.13 0.00	46.12 0.11 0.00	82.35 0.10 0.00	108.35 0.39 0.00	57.87 -0.03 0.00	32.55 -0.12 0.00	34.18 0.07 0.00	34.96 0.26 0.00	40.76 0.35 0.00	47.93 0.45 0.00	36.24 0.22 0.00	35.01 0.28 0.00	41.10 0.04 0.00	42.39 0.01 0.00	51.71 0.00 0.00	47.19 -0.02 0.00	49.38 -0.14 0.00	35.81 -0.16 0.00	33.78 -0.15 0.00	31.45 -0.15 0.00
BABYLON_RES_REC 323704	37.83 1.52 0.00	38.61 1.59 0.00	36.25 1.49 0.00	38.67 1.50 0.00	40.19 1.53 0.00	47.86 1.86 0.00	98.15 3.91 -11.99	120.75 6.09 -6.69	73.46 3.38 -12.17	67.30 1.78 -32.86	35.62 1.51 0.00	36.00 1.30 0.00	41.78 1.37 0.00	111.01 2.19 -61.35	51.13 1.72 -13.39	35.79 1.06 0.00	42.55 1.49 0.00	44.27 1.89 0.00	54.45 2.74 0.00	49.95 2.75 0.00	52.28 2.76 0.00	37.85 1.88 0.00	38.19 1.72 -2.53	32.99 1.39 0.00
BABYLON__69_KV_BK2 356345	38.09 1.78 0.00	38.89 1.87 0.00	36.50 1.74 0.00	38.93 1.77 0.00	40.46 1.80 0.00	48.25 2.24 0.00	98.81 4.57 -11.99	121.36 6.69 -6.69	73.86 3.79 -12.17	67.54 2.02 -32.86	35.83 1.72 0.00	36.20 1.49 0.00	41.98 1.57 0.00	111.31 2.49 -61.35	51.37 1.96 -13.39	36.04 1.31 0.00	42.87 1.81 0.00	44.65 2.27 0.00	54.94 3.23 0.00	50.43 3.22 0.00	52.78 3.26 0.00	38.18 2.21 0.00	38.27 2.02 -2.31	33.24 1.64 0.00
BALL_HILL_WT_PWR 323825	34.63 -1.69 0.00	36.06 -0.96 0.00	34.06 -0.70 0.00	36.51 -0.66 0.00	37.94 -0.72 0.00	45.35 -0.65 0.00	79.89 -2.36 0.00	104.42 -3.55 0.00	56.02 -1.88 0.00	31.99 -0.67 0.00	33.77 -0.34 0.00	34.58 -0.12 0.00	40.33 -0.08 0.00	47.07 -0.40 0.00	35.14 -0.88 0.00	33.82 -0.91 0.00	39.46 -1.60 0.00	40.27 -2.10 0.00	48.79 -2.92 0.00	44.21 -3.00 0.00	45.82 -3.69 0.00	33.22 -2.76 0.00	31.77 -2.17 0.00	29.47 -2.13 0.00
BARON_WINDS___WT_PWR 323822	33.95 -2.36 0.00	34.93 -2.09 0.00	33.19 -1.57 0.00	36.08 -1.09 0.00	37.77 -0.89 0.00	45.21 -0.80 0.00	80.38 -1.87 0.00	105.28 -2.69 0.00	56.20 -1.70 0.00	32.00 -0.66 0.00	33.75 -0.36 0.00	34.42 -0.28 0.00	39.86 -0.55 0.00	46.43 -1.04 0.00	34.94 -1.08 0.00	33.57 -1.16 0.00	39.52 -1.54 0.00	40.37 -2.00 0.00	49.19 -2.52 0.00	44.39 -2.81 0.00	46.16 -3.36 0.00	33.31 -2.67 0.00	31.28 -2.66 0.00	29.22 -2.38 0.00
BARRETT_IC_1 23704	37.84 1.52 0.00	38.56 1.54 0.00	36.21 1.45 0.00	38.60 1.43 0.00	40.07 1.41 0.00	47.58 1.57 0.00	97.59 3.35 -11.99	119.92 5.26 -6.69	73.10 3.03 -12.17	67.02 1.50 -32.86	35.63 1.51 0.00	36.08 1.37 0.00	41.95 1.54 0.00	110.88 2.06 -61.35	51.03 1.62 -13.39	35.78 1.05 0.00	42.36 1.30 0.00	43.95 1.57 0.00	54.01 2.30 0.00	49.54 2.34 0.00	51.88 2.36 0.00	37.66 1.68 -0.01	61.47 1.49 -26.05	32.91 1.28 -0.03
BARRETT_IC_10 23701	37.84 1.52 0.00	38.56 1.54 0.00	36.21 1.45 0.00	38.60 1.43 0.00	40.07 1.41 0.00	47.58 1.57 0.00	97.59 3.35 -11.99	119.92 5.26 -6.69	73.10 3.03 -12.17	67.02 1.50 -32.86	35.63 1.51 0.00	36.08 1.37 0.00	41.95 1.54 0.00	110.88 2.06 -61.35	51.03 1.62 -13.39	35.78 1.05 0.00	42.36 1.30 0.00	43.95 1.57 0.00	54.01 2.30 0.00	49.54 2.34 0.00	51.88 2.36 0.00	37.66 1.68 -0.01	61.47 1.49 -26.05	32.91 1.28 -0.03
BARRETT_IC_11 23702	37.84 1.52 0.00	38.56 1.54 0.00	36.21 1.45 0.00	38.60 1.43 0.00	40.07 1.41 0.00	47.58 1.57 0.00	97.59 3.35 -11.99	119.92 5.26 -6.69	73.10 3.03 -12.17	67.02 1.50 -32.86	35.63 1.51 0.00	36.08 1.37 0.00	41.95 1.54 0.00	110.88 2.06 -61.35	51.03 1.62 -13.39	35.78 1.05 0.00	42.36 1.30 0.00	43.95 1.57 0.00	54.01 2.30 0.00	49.54 2.34 0.00	51.88 2.36 0.00	37.66 1.68 -0.01	61.47 1.49 -26.05	32.91 1.28 -0.03
BARRETT_IC_12 23703	37.84 1.52 0.00	38.56 1.54 0.00	36.21 1.45 0.00	38.60 1.43 0.00	40.07 1.41 0.00	47.58 1.57 0.00	97.59 3.35 -11.99	119.92 5.26 -6.69	73.10 3.03 -12.17	67.02 1.50 -32.86	35.63 1.51 0.00	36.08 1.37 0.00	41.95 1.54 0.00	110.88 2.06 -61.35	51.03 1.62 -13.39	35.78 1.05 0.00	42.36 1.30 0.00	43.95 1.57 0.00	54.01 2.30 0.00	49.54 2.34 0.00	51.88 2.36 0.00	37.66 1.68 -0.01	61.47 1.49 -26.05	32.91 1.28 -0.03
BARRETT_IC_2 23705	37.84 1.52 0.00	38.56 1.54 0.00	36.21 1.45 0.00	38.60 1.43 0.00	40.07 1.41 0.00	47.58 1.57 0.00	97.59 3.35 -11.99	119.92 5.26 -6.69	73.10 3.03 -12.17	67.02 1.50 -32.86	35.63 1.51 0.00	36.08 1.37 0.00	41.95 1.54 0.00	110.88 2.06 -61.35	51.03 1.62 -13.39	35.78 1.05 0.00	42.36 1.30 0.00	43.95 1.57 0.00	54.01 2.30 0.00	49.54 2.34 0.00	51.88 2.36 0.00	37.66 1.68 -0.01	61.47 1.49 -26.05	32.91 1.28 -0.03
BARRETT_IC_3 23706	37.84 1.52 0.00	38.56 1.54 0.00	36.21 1.45 0.00	38.60 1.43 0.00	40.07 1.41 0.00	47.58 1.57 0.00	97.59 3.35 -11.99	119.92 5.26 -6.69	73.10 3.03 -12.17	67.02 1.50 -32.86	35.63 1.51 0.00	36.08 1.37 0.00	41.95 1.54 0.00	110.88 2.06 -61.35	51.03 1.62 -13.39	35.78 1.05 0.00	42.36 1.30 0.00	43.95 1.57 0.00	54.01 2.30 0.00	49.54 2.34 0.00	51.88 2.36 0.00	37.66 1.68 -0.01	61.47 1.49 -26.05	32.91 1.28 -0.03
BARRETT_IC_4 23707	37.84 1.52 0.00	38.56 1.54 0.00	36.21 1.45 0.00	38.60 1.43 0.00	40.07 1.41 0.00	47.58 1.57 0.00	97.59 3.35 -11.99	119.92 5.26 -6.69	73.10 3.03 -12.17	67.02 1.50 -32.86	35.63 1.51 0.00	36.08 1.37 0.00	41.95 1.54 0.00	110.88 2.06 -61.35	51.03 1.62 -13.39	35.78 1.05 0.00	42.36 1.30 0.00	43.95 1.57 0.00	54.01 2.30 0.00	49.54 2.34 0.00	51.88 2.36 0.00	37.66 1.68 -0.01	61.47 1.49 -26.05	32.91 1.28 -0.03

BARRETT_IC_5 23708	37.84 1.52 0.00	38.56 1.54 0.00	36.21 1.45 0.00	38.60 1.43 0.00	40.07 1.41 0.00	47.58 1.57 0.00	97.59 3.35 -11.99	119.92 5.26 -6.69	73.10 3.03 -12.17	67.02 1.50 -32.86	35.63 1.51 0.00	36.08 1.37 0.00	41.95 1.54 0.00	110.88 2.06 -61.35	51.03 1.62 -13.39	35.78 1.05 0.00	42.36 1.30 0.00	43.95 1.57 0.00	54.01 2.30 0.00	49.54 2.34 0.00	51.88 2.36 0.00	37.66 1.68 -0.01	61.47 1.49 -26.05	32.91 1.28 -0.03
BARRETT_IC_6 23709	37.84 1.52 0.00	38.56 1.54 0.00	36.21 1.45 0.00	38.60 1.43 0.00	40.07 1.41 0.00	47.58 1.57 0.00	97.59 3.35 -11.99	119.92 5.26 -6.69	73.10 3.03 -12.17	67.02 1.50 -32.86	35.63 1.51 0.00	36.08 1.37 0.00	41.95 1.54 0.00	110.88 2.06 -61.35	51.03 1.62 -13.39	35.78 1.05 0.00	42.36 1.30 0.00	43.95 1.57 0.00	54.01 2.30 0.00	49.54 2.34 0.00	51.88 2.36 0.00	37.66 1.68 -0.01	61.47 1.49 -26.05	32.91 1.28 -0.03
BARRETT_IC_7 23710	37.84 1.52 0.00	38.56 1.54 0.00	36.21 1.45 0.00	38.60 1.43 0.00	40.07 1.41 0.00	47.58 1.57 0.00	97.59 3.35 -11.99	119.92 5.26 -6.69	73.10 3.03 -12.17	67.02 1.50 -32.86	35.62 1.51 0.00	36.07 1.37 0.00	41.95 1.54 0.00	110.87 2.05 -61.35	51.03 1.62 -13.39	35.79 1.05 0.00	42.37 1.31 0.00	43.95 1.57 0.00	54.01 2.30 0.00	49.54 2.34 0.00	51.88 2.37 0.00	37.66 1.68 -0.01	61.47 1.49 -26.05	32.91 1.28 -0.03
BARRETT_IC_8 23711	37.84 1.52 0.00	38.56 1.54 0.00	36.21 1.45 0.00	38.60 1.43 0.00	40.07 1.41 0.00	47.58 1.57 0.00	97.59 3.35 -11.99	119.92 5.26 -6.69	73.10 3.03 -12.17	67.02 1.50 -32.86	35.63 1.51 0.00	36.08 1.37 0.00	41.95 1.54 0.00	110.88 2.06 -61.35	51.03 1.62 -13.39	35.78 1.05 0.00	42.36 1.30 0.00	43.95 1.57 0.00	54.01 2.30 0.00	49.54 2.34 0.00	51.88 2.36 0.00	37.66 1.68 -0.01	61.47 1.49 -26.05	32.91 1.28 -0.03
BARRETT_IC_9 23700	37.84 1.52 0.00	38.56 1.54 0.00	36.21 1.45 0.00	38.60 1.43 0.00	40.07 1.41 0.00	47.58 1.57 0.00	97.59 3.35 -11.99	119.92 5.26 -6.69	73.10 3.03 -12.17	67.02 1.50 -32.86	35.63 1.51 0.00	36.08 1.37 0.00	41.95 1.54 0.00	110.88 2.06 -61.35	51.03 1.62 -13.39	35.78 1.05 0.00	42.36 1.30 0.00	43.95 1.57 0.00	54.01 2.30 0.00	49.54 2.34 0.00	51.88 2.36 0.00	37.66 1.68 -0.01	61.47 1.49 -26.05	32.91 1.28 -0.03
BARRETT___1 23545	37.84 1.52 0.00	38.56 1.54 0.00	36.21 1.45 0.00	38.60 1.43 0.00	40.07 1.41 0.00	47.58 1.57 0.00	97.59 3.35 -11.99	119.92 5.26 -6.69	73.10 3.03 -12.17	67.02 1.50 -32.86	35.63 1.51 0.00	36.08 1.37 0.00	41.95 1.54 0.00	110.88 2.06 -61.35	51.03 1.62 -13.39	35.78 1.05 0.00	42.36 1.30 0.00	43.95 1.57 0.00	54.01 2.30 0.00	49.54 2.34 0.00	51.88 2.36 0.00	37.66 1.68 -0.01	61.47 1.49 -26.05	32.91 1.28 -0.03
BARRETT___2 23546	37.84 1.52 0.00	38.56 1.54 0.00	36.21 1.45 0.00	38.60 1.43 0.00	40.07 1.41 0.00	47.58 1.57 0.00	97.59 3.35 -11.99	119.92 5.26 -6.69	73.10 3.03 -12.17	67.02 1.50 -32.86	35.63 1.51 0.00	36.08 1.37 0.00	41.95 1.54 0.00	110.88 2.06 -61.35	51.03 1.62 -13.39	35.78 1.05 0.00	42.36 1.30 0.00	43.95 1.57 0.00	54.01 2.30 0.00	49.54 2.34 0.00	51.88 2.36 0.00	37.66 1.68 -0.01	61.47 1.49 -26.05	32.91 1.28 -0.03
BATAVIA__115KV_TB1 55881	35.86 -0.46 0.00	36.72 -0.30 0.00	34.41 -0.35 0.00	36.83 -0.34 0.00	38.24 -0.42 0.00	45.78 -0.23 0.00	80.39 -1.86 0.00	104.54 -3.42 0.00	56.50 -1.40 0.00	32.31 -0.36 0.00	34.27 0.16 0.00	35.11 0.41 0.00	40.60 0.19 0.00	47.12 -0.35 0.00	35.61 -0.41 0.00	34.68 -0.05 0.00	40.38 -0.68 0.00	41.16 -1.22 0.00	49.87 -1.85 0.00	45.54 -1.66 0.00	47.61 -1.91 0.00	34.55 -1.43 0.00	33.00 -0.94 0.00	30.82 -0.78 0.00
BAYONEEC___CTG1 323682	37.71 1.40 0.00	38.35 1.33 0.00	36.02 1.26 0.00	38.49 1.32 0.00	40.07 1.41 0.00	47.59 1.59 0.00	85.39 3.13 0.00	112.78 4.81 0.00	60.39 2.49 0.00	33.94 1.28 0.00	35.20 1.09 0.00	35.73 1.02 0.00	41.54 1.14 0.00	48.93 1.46 0.00	37.21 1.19 0.00	35.70 0.97 0.00	42.27 1.21 0.00	43.88 1.51 0.00	53.83 2.12 0.00	49.34 2.13 0.00	51.72 2.21 0.00	37.48 1.51 0.00	35.25 1.31 0.00	32.70 1.10 0.00
BAYONEEC___CTG10 323750	37.71 1.40 0.00	38.35 1.33 0.00	36.02 1.26 0.00	38.49 1.32 0.00	40.07 1.41 0.00	47.59 1.59 0.00	85.39 3.13 0.00	112.78 4.81 0.00	60.39 2.49 0.00	33.94 1.28 0.00	35.20 1.09 0.00	35.73 1.02 0.00	41.54 1.14 0.00	48.93 1.46 0.00	37.21 1.19 0.00	35.70 0.97 0.00	42.27 1.21 0.00	43.88 1.51 0.00	53.83 2.12 0.00	49.34 2.13 0.00	51.72 2.21 0.00	37.48 1.51 0.00	35.25 1.31 0.00	32.70 1.10 0.00
BAYONEEC___CTG2 323683	37.71 1.40 0.00	38.35 1.33 0.00	36.02 1.26 0.00	38.49 1.32 0.00	40.07 1.41 0.00	47.59 1.59 0.00	85.39 3.13 0.00	112.78 4.81 0.00	60.39 2.49 0.00	33.94 1.28 0.00	35.20 1.09 0.00	35.73 1.02 0.00	41.54 1.14 0.00	48.93 1.46 0.00	37.21 1.19 0.00	35.70 0.97 0.00	42.27 1.21 0.00	43.88 1.51 0.00	53.83 2.12 0.00	49.34 2.13 0.00	51.72 2.21 0.00	37.48 1.51 0.00	35.25 1.31 0.00	32.70 1.10 0.00
BAYONEEC___CTG3 323684	37.71 1.40 0.00	38.35 1.33 0.00	36.02 1.26 0.00	38.49 1.32 0.00	40.07 1.41 0.00	47.59 1.59 0.00	85.39 3.13 0.00	112.78 4.81 0.00	60.39 2.49 0.00	33.94 1.28 0.00	35.20 1.09 0.00	35.73 1.02 0.00	41.54 1.14 0.00	48.93 1.46 0.00	37.21 1.19 0.00	35.70 0.97 0.00	42.27 1.21 0.00	43.88 1.51 0.00	53.83 2.12 0.00	49.34 2.13 0.00	51.72 2.21 0.00	37.48 1.51 0.00	35.25 1.31 0.00	32.70 1.10 0.00
BAYONEEC___CTG4 323685	37.71 1.40 0.00	38.35 1.33 0.00	36.02 1.26 0.00	38.49 1.32 0.00	40.07 1.41 0.00	47.59 1.59 0.00	85.39 3.13 0.00	112.78 4.81 0.00	60.39 2.49 0.00	33.94 1.28 0.00	35.20 1.09 0.00	35.73 1.02 0.00	41.54 1.14 0.00	48.93 1.46 0.00	37.21 1.19 0.00	35.70 0.97 0.00	42.27 1.21 0.00	43.88 1.51 0.00	53.83 2.12 0.00	49.34 2.13 0.00	51.72 2.21 0.00	37.48 1.51 0.00	35.25 1.31 0.00	32.70 1.10 0.00
BAYONEEC___CTG5 323686	37.71 1.40 0.00	38.35 1.33 0.00	36.02 1.26 0.00	38.49 1.32 0.00	40.07 1.41 0.00	47.59 1.59 0.00	85.39 3.13 0.00	112.78 4.81 0.00	60.39 2.49 0.00	33.94 1.28 0.00	35.20 1.09 0.00	35.73 1.02 0.00	41.54 1.14 0.00	48.93 1.46 0.00	37.21 1.19 0.00	35.70 0.97 0.00	42.27 1.21 0.00	43.88 1.51 0.00	53.83 2.12 0.00	49.34 2.13 0.00	51.72 2.21 0.00	37.48 1.51 0.00	35.25 1.31 0.00	32.70 1.10 0.00
BAYONEEC___CTG6 323687	37.71 1.40 0.00	38.35 1.33 0.00	36.02 1.26 0.00	38.49 1.32 0.00	40.07 1.41 0.00	47.59 1.59 0.00	85.39 3.13 0.00	112.78 4.81 0.00	60.39 2.49 0.00	33.94 1.28 0.00	35.20 1.09 0.00	35.73 1.02 0.00	41.54 1.14 0.00	48.93 1.46 0.00	37.21 1.19 0.00	35.70 0.97 0.00	42.27 1.21 0.00	43.88 1.51 0.00	53.83 2.12 0.00	49.34 2.13 0.00	51.72 2.21 0.00	37.48 1.51 0.00	35.25 1.31 0.00	32.70 1.10 0.00

BAYONEEC___CTG7 323688	37.71 1.40 0.00	38.35 1.33 0.00	36.02 1.26 0.00	38.49 1.32 0.00	40.07 1.41 0.00	47.59 1.59 0.00	85.39 3.13 0.00	112.78 4.81 0.00	60.39 2.49 0.00	33.94 1.28 0.00	35.20 1.09 0.00	35.73 1.02 0.00	41.54 1.14 0.00	48.93 1.46 0.00	37.21 1.19 0.00	35.70 0.97 0.00	42.27 1.21 0.00	43.88 1.51 0.00	53.83 2.12 0.00	49.34 2.13 0.00	51.72 2.21 0.00	37.48 1.51 0.00	35.25 1.31 0.00	32.70 1.10 0.00
BAYONEEC___CTG8 323689	37.71 1.40 0.00	38.35 1.33 0.00	36.02 1.26 0.00	38.49 1.32 0.00	40.07 1.41 0.00	47.59 1.59 0.00	85.39 3.13 0.00	112.78 4.81 0.00	60.39 2.49 0.00	33.94 1.28 0.00	35.20 1.09 0.00	35.73 1.02 0.00	41.54 1.14 0.00	48.93 1.46 0.00	37.21 1.19 0.00	35.70 0.97 0.00	42.27 1.21 0.00	43.88 1.51 0.00	53.83 2.12 0.00	49.34 2.13 0.00	51.72 2.21 0.00	37.48 1.51 0.00	35.25 1.31 0.00	32.70 1.10 0.00
BAYONEEC___CTG9 323749	37.71 1.40 0.00	38.35 1.33 0.00	36.02 1.26 0.00	38.49 1.32 0.00	40.07 1.41 0.00	47.59 1.59 0.00	85.39 3.13 0.00	112.78 4.81 0.00	60.39 2.49 0.00	33.94 1.28 0.00	35.20 1.09 0.00	35.73 1.02 0.00	41.54 1.14 0.00	48.93 1.46 0.00	37.21 1.19 0.00	35.70 0.97 0.00	42.27 1.21 0.00	43.88 1.51 0.00	53.83 2.12 0.00	49.34 2.13 0.00	51.72 2.21 0.00	37.48 1.51 0.00	35.25 1.31 0.00	32.70 1.10 0.00
BEACON___LESR 323632	37.82 1.51 0.00	38.42 1.41 0.00	36.18 1.42 0.00	38.60 1.44 0.00	40.13 1.47 0.00	47.78 1.77 0.00	85.69 3.43 0.00	112.29 4.32 0.00	59.82 1.92 0.00	33.47 0.81 0.00	34.74 0.62 0.00	35.26 0.56 0.00	40.98 0.57 0.00	47.99 0.52 0.00	36.11 0.09 0.00	34.76 0.03 0.00	41.22 0.16 0.00	42.79 0.41 0.00	52.48 0.77 0.00	47.96 0.76 0.00	50.41 0.89 0.00	36.58 0.60 0.00	34.54 0.60 0.00	32.22 0.62 0.00
BEAVER RIVER___HYD 24048	35.38 -0.93 0.00	35.97 -1.05 0.00	34.29 -1.04 -0.58	39.75 -0.32 -2.90	42.50 0.16 -3.67	49.40 0.49 -2.90	84.39 2.14 0.00	111.04 3.07 0.00	59.23 1.33 0.00	33.13 0.46 0.00	34.28 0.17 0.00	34.50 -0.21 0.00	40.15 -0.26 0.00	47.69 0.22 0.00	36.78 0.76 0.00	35.62 0.88 0.00	42.29 1.23 0.00	43.75 1.38 0.00	53.35 1.63 0.00	48.59 1.38 0.00	50.91 1.39 0.00	36.85 0.87 0.00	34.68 0.74 0.00	32.14 0.54 0.00
BEEBEE_GT_13 23619	35.66 -0.66 0.00	36.45 -0.57 0.00	34.17 -0.59 0.00	36.54 -0.63 0.00	37.93 -0.73 0.00	45.31 -0.70 0.00	80.12 -2.13 0.00	104.55 -3.42 0.00	56.43 -1.47 0.00	32.14 -0.52 0.00	33.93 -0.18 0.00	34.74 0.04 0.00	40.43 0.02 0.00	47.18 -0.29 0.00	35.64 -0.38 0.00	34.49 -0.24 0.00	40.35 -0.71 0.00	41.24 -1.14 0.00	50.07 -1.64 0.00	45.71 -1.50 0.00	47.84 -1.68 0.00	34.72 -1.26 0.00	32.99 -0.94 0.00	30.78 -0.81 0.00
BENSHRST_27_KV_BENSHRST_1 355998	55.40 1.96 -17.12	54.60 1.93 -15.66	54.30 1.79 -17.75	54.33 1.93 -15.23	54.34 2.05 -13.64	56.45 2.32 -8.12	86.82 4.44 -0.13	118.27 6.75 -3.55	70.46 3.54 -9.02	56.60 1.85 -22.09	55.41 1.68 -19.62	52.27 1.64 -15.93	59.55 1.86 -17.29	54.20 2.32 -4.41	53.63 1.84 -15.77	55.50 1.59 -19.18	52.79 1.98 -9.74	52.61 2.29 -7.94	62.25 3.04 -7.50	90.28 3.01 -40.06	92.33 3.14 -39.68	56.30 2.19 -18.14	52.98 1.92 -17.12	52.13 1.65 -18.88
BETHLEHEM___GRP 23843	37.50 1.19 0.00	38.14 1.12 0.00	35.83 1.07 0.00	38.26 1.09 0.00	39.80 1.15 0.00	47.29 1.29 0.00	84.55 2.30 0.00	110.99 3.02 0.00	59.23 1.32 0.00	33.24 0.57 0.00	34.48 0.37 0.00	35.05 0.35 0.00	40.64 0.23 0.00	47.49 0.02 0.00	35.73 -0.29 0.00	34.25 -0.48 0.00	40.51 -0.56 0.00	42.01 -0.36 0.00	51.54 -0.17 0.00	47.09 -0.11 0.00	49.45 -0.07 0.00	35.94 -0.03 0.00	33.96 0.02 0.00	31.79 0.19 0.00
BETHLEHEM___GS1 323560	37.50 1.19 0.00	38.13 1.11 0.00	35.83 1.08 0.00	38.26 1.09 0.00	39.80 1.15 0.00	47.29 1.29 0.00	84.56 2.30 0.00	110.98 3.02 0.00	59.23 1.32 0.00	33.23 0.57 0.00	34.48 0.37 0.00	35.05 0.35 0.00	40.64 0.23 0.00	47.49 0.02 0.00	35.73 -0.29 0.00	34.25 -0.48 0.00	40.51 -0.55 0.00	42.01 -0.37 0.00	51.54 -0.17 0.00	47.10 -0.11 0.00	49.45 -0.07 0.00	35.94 -0.03 0.00	33.96 0.02 0.00	31.78 0.18 0.00
BETHLEHEM___GS2 323561	37.50 1.19 0.00	38.13 1.11 0.00	35.83 1.08 0.00	38.26 1.09 0.00	39.80 1.15 0.00	47.29 1.29 0.00	84.56 2.30 0.00	110.98 3.02 0.00	59.23 1.32 0.00	33.23 0.57 0.00	34.48 0.37 0.00	35.05 0.35 0.00	40.64 0.23 0.00	47.49 0.02 0.00	35.73 -0.29 0.00	34.25 -0.48 0.00	40.51 -0.55 0.00	42.01 -0.37 0.00	51.54 -0.17 0.00	47.10 -0.11 0.00	49.45 -0.07 0.00	35.94 -0.03 0.00	33.96 0.02 0.00	31.78 0.18 0.00
BETHLEHEM___GS3 323562	37.50 1.19 0.00	38.13 1.11 0.00	35.83 1.08 0.00	38.26 1.09 0.00	39.80 1.15 0.00	47.29 1.29 0.00	84.56 2.30 0.00	110.98 3.02 0.00	59.23 1.32 0.00	33.23 0.57 0.00	34.48 0.37 0.00	35.05 0.35 0.00	40.64 0.23 0.00	47.49 0.02 0.00	35.73 -0.29 0.00	34.25 -0.48 0.00	40.51 -0.55 0.00	42.01 -0.37 0.00	51.54 -0.17 0.00	47.10 -0.11 0.00	49.45 -0.07 0.00	35.94 -0.03 0.00	33.96 0.02 0.00	31.78 0.18 0.00
BETHLEHEM___STEEL 23779	35.08 -1.23 0.00	36.09 -0.93 0.00	33.85 -0.91 0.00	36.24 -0.93 0.00	37.56 -1.10 0.00	44.91 -1.09 0.00	78.59 -3.66 0.00	102.10 -5.87 0.00	55.34 -2.56 0.00	31.78 -0.89 0.00	33.65 -0.46 0.00	34.54 -0.17 0.00	40.23 -0.18 0.00	46.84 -0.63 0.00	35.21 -0.81 0.00	34.06 -0.67 0.00	39.58 -1.48 0.00	40.26 -2.12 0.00	48.67 -3.04 0.00	44.41 -2.80 0.00	46.36 -3.15 0.00	33.63 -2.34 0.00	32.20 -1.74 0.00	30.12 -1.48 0.00
BETHLHEM_115KV_TB1 79974	37.44 1.13 0.00	38.08 1.06 0.00	35.78 1.02 0.00	38.20 1.03 0.00	39.75 1.09 0.00	47.22 1.21 0.00	84.42 2.17 0.00	110.83 2.86 0.00	59.16 1.26 0.00	33.21 0.54 0.00	34.46 0.34 0.00	35.02 0.32 0.00	40.64 0.23 0.00	47.53 0.06 0.00	35.80 -0.22 0.00	34.35 -0.38 0.00	40.63 -0.43 0.00	42.15 -0.23 0.00	51.69 -0.02 0.00	47.22 0.02 0.00	49.60 0.08 0.00	36.04 0.07 0.00	34.04 0.11 0.00	31.84 0.23 0.00
BETHPAGE_CC_5 323564	37.88 1.57 0.00	38.63 1.62 0.00	36.27 1.50 0.00	38.70 1.53 0.00	40.23 1.57 0.00	47.87 1.86 0.00	98.13 3.89 -11.99	120.68 6.01 -6.69	73.47 3.40 -12.17	67.31 1.79 -32.86	35.69 1.58 0.00	36.13 1.42 0.00	41.96 1.56 0.00	111.14 2.32 -61.35	51.20 1.79 -13.39	35.88 1.15 0.00	42.62 1.56 0.00	44.31 1.94 0.00	54.39 2.68 0.00	49.88 2.68 0.00	52.21 2.70 0.00	37.82 1.84 0.00	39.03 1.76 -3.34	33.07 1.47 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.12 -1.19 0.00	36.13 -0.89 0.00	33.91 -0.84 0.00	36.32 -0.85 0.00	37.66 -1.00 0.00	45.01 -0.99 0.00	78.82 -3.43 0.00	102.44 -5.53 0.00	55.52 -2.38 0.00	31.87 -0.79 0.00	33.76 -0.35 0.00	34.64 -0.06 0.00	40.35 -0.06 0.00	46.99 -0.48 0.00	35.31 -0.71 0.00	34.14 -0.59 0.00	39.68 -1.38 0.00	40.40 -1.98 0.00	48.82 -2.89 0.00	44.53 -2.67 0.00	46.49 -3.03 0.00	33.71 -2.27 0.00	32.25 -1.68 0.00	30.17 -1.43 0.00

BINGHAMTON___COGEN 23790	35.95 -0.36 0.00	36.71 -0.31 0.00	34.55 -0.21 0.00	37.00 -0.17 0.00	38.43 -0.23 0.00	45.82 -0.19 0.00	81.81 -0.45 0.00	107.50 -0.47 0.00	57.38 -0.52 0.00	32.45 -0.21 0.00	34.03 -0.08 0.00	34.75 0.05 0.00	40.49 0.08 0.00	47.53 0.06 0.00	35.91 -0.12 0.00	34.56 -0.17 0.00	40.79 -0.27 0.00	42.02 -0.35 0.00	51.25 -0.46 0.00	46.76 -0.44 0.00	48.93 -0.59 0.00	35.46 -0.51 0.00	33.41 -0.53 0.00	31.11 -0.50 0.00
BIXINCNT_115KV_LOAD 355685	34.49 -1.82 0.00	35.87 -1.15 0.00	34.18 -0.58 0.00	36.81 -0.36 0.00	38.19 -0.47 0.00	45.61 -0.40 0.00	80.16 -2.09 0.00	104.57 -3.40 0.00	56.55 -1.35 0.00	32.41 -0.26 0.00	34.21 0.10 0.00	35.16 0.46 0.00	40.91 0.51 0.00	47.50 0.03 0.00	35.61 -0.42 0.00	34.35 -0.38 0.00	39.93 -1.13 0.00	40.72 -1.66 0.00	49.20 -2.52 0.00	44.62 -2.59 0.00	46.23 -3.29 0.00	33.30 -2.68 0.00	31.65 -2.29 0.00	29.77 -1.83 0.00
BLACK RIVER___HYD 24047	35.51 -0.80 0.00	36.07 -0.95 0.00	34.23 -0.93 -0.40	39.10 -0.09 -2.03	41.63 0.41 -2.57	49.07 1.03 -2.03	85.43 3.18 0.00	112.38 4.41 0.00	59.80 1.90 0.00	33.41 0.75 0.00	34.50 0.39 0.00	34.57 -0.13 0.00	40.16 -0.25 0.00	48.00 0.53 0.00	37.24 1.22 0.00	35.98 1.25 0.00	42.66 1.60 0.00	44.14 1.76 0.00	53.84 2.13 0.00	49.01 1.81 0.00	51.30 1.78 0.00	37.08 1.10 0.00	34.87 0.94 0.00	32.34 0.74 0.00
BLACKRVR_115KV_TB2 79977	35.51 -0.81 0.00	36.07 -0.95 0.00	34.23 -0.93 -0.40	39.10 -0.09 -2.03	41.63 0.41 -2.57	49.07 1.03 -2.03	85.43 3.18 0.00	112.38 4.41 0.00	59.80 1.90 0.00	33.41 0.75 0.00	34.50 0.39 0.00	34.56 -0.14 0.00	40.16 -0.25 0.00	48.00 0.53 0.00	37.24 1.22 0.00	35.98 1.25 0.00	42.66 1.60 0.00	44.14 1.77 0.00	53.84 2.13 0.00	49.01 1.81 0.00	51.30 1.78 0.00	37.08 1.10 0.00	34.88 0.94 0.00	32.34 0.74 0.00
BLISS_WT_PWR 323608	34.21 -2.10 0.00	35.69 -1.33 0.00	34.15 -0.61 0.00	36.82 -0.35 0.00	38.23 -0.42 0.00	45.65 -0.36 0.00	80.27 -1.98 0.00	104.72 -3.25 0.00	56.64 -1.26 0.00	32.44 -0.22 0.00	34.22 0.11 0.00	35.19 0.48 0.00	40.93 0.53 0.00	47.49 0.01 0.00	35.58 -0.44 0.00	34.32 -0.42 0.00	39.88 -1.18 0.00	40.68 -1.69 0.00	49.15 -2.57 0.00	44.48 -2.72 0.00	46.02 -3.50 0.00	33.08 -2.89 0.00	31.41 -2.52 0.00	29.63 -1.97 0.00
BLUESTONE___WT_PWR 323821	36.03 -0.29 0.00	36.00 -1.02 0.00	33.95 -0.81 0.00	36.70 -0.47 0.00	38.29 -0.36 0.00	46.39 0.38 0.00	83.67 1.42 0.00	110.69 2.72 0.00	59.72 1.82 0.00	33.74 1.08 0.00	35.19 1.08 0.00	36.20 1.50 0.00	42.44 2.03 0.00	49.66 2.19 0.00	37.55 1.53 0.00	36.10 1.37 0.00	42.53 1.47 0.00	43.82 1.44 0.00	53.26 1.55 0.00	48.09 0.88 0.00	49.97 0.45 0.00	36.01 0.03 0.00	33.91 -0.02 0.00	31.21 -0.39 0.00
BLUE_CIRC_CHEM_DRP 24182	37.53 1.21 0.00	38.16 1.14 0.00	35.86 1.10 0.00	38.32 1.15 0.00	39.86 1.21 0.00	47.39 1.38 0.00	84.67 2.41 0.00	110.97 3.01 0.00	59.10 1.20 0.00	33.09 0.42 0.00	34.30 0.19 0.00	34.92 0.21 0.00	40.53 0.12 0.00	47.66 0.19 0.00	35.90 -0.12 0.00	34.61 -0.12 0.00	41.01 -0.05 0.00	42.58 0.20 0.00	52.25 0.53 0.00	47.73 0.52 0.00	50.12 0.60 0.00	36.43 0.46 0.00	34.37 0.44 0.00	32.08 0.48 0.00
BOC_GAS_DRP 24189	37.14 0.82 0.00	37.79 0.77 0.00	35.50 0.74 0.00	37.92 0.75 0.00	39.44 0.79 0.00	46.87 0.86 0.00	83.76 1.51 0.00	109.98 2.01 0.00	58.81 0.91 0.00	33.05 0.39 0.00	34.33 0.22 0.00	34.90 0.19 0.00	40.55 0.14 0.00	47.60 0.13 0.00	36.02 0.00 0.00	34.64 -0.09 0.00	40.97 -0.10 0.00	42.47 0.09 0.00	52.04 0.33 0.00	47.54 0.34 0.00	49.93 0.41 0.00	36.29 0.31 0.00	34.22 0.29 0.00	31.91 0.31 0.00
BOONVILLE_115KV_TB1 79983	36.43 0.12 0.00	37.07 0.06 0.00	35.02 0.03 -0.23	38.71 0.40 -1.14	40.75 0.65 -1.44	48.11 0.96 -1.14	84.72 2.47 0.00	111.37 3.40 0.00	59.44 1.54 0.00	33.28 0.62 0.00	34.63 0.52 0.00	35.09 0.39 0.00	40.89 0.48 0.00	48.23 0.76 0.00	36.86 0.84 0.00	35.58 0.85 0.00	42.20 1.14 0.00	43.68 1.30 0.00	53.32 1.60 0.00	48.64 1.43 0.00	50.97 1.45 0.00	36.92 0.95 0.00	34.78 0.84 0.00	32.27 0.67 0.00
BORALEX_4TH_BRANCH 23824	37.72 1.41 0.00	38.25 1.23 0.00	35.95 1.19 0.00	38.31 1.14 0.00	39.84 1.18 0.00	47.34 1.34 0.00	84.61 2.36 0.00	110.96 2.99 0.00	58.88 0.98 0.00	32.95 0.29 0.00	34.29 0.18 0.00	34.71 0.01 0.00	40.34 -0.07 0.00	47.50 0.03 0.00	36.11 0.09 0.00	34.77 0.04 0.00	41.25 0.19 0.00	42.91 0.53 0.00	53.05 1.33 0.00	48.55 1.34 0.00	51.02 1.50 0.00	37.17 1.20 0.00	35.05 1.11 0.00	32.56 0.96 0.00
BOWLINE___1 23526	37.36 1.05 0.00	38.04 1.02 0.00	35.77 1.01 0.00	38.22 1.05 0.00	39.77 1.11 0.00	47.18 1.17 0.00	84.59 2.34 0.00	111.47 3.50 0.00	59.60 1.69 0.00	33.47 0.80 0.00	34.68 0.57 0.00	35.22 0.52 0.00	41.01 0.60 0.00	48.32 0.85 0.00	36.77 0.75 0.00	35.33 0.59 0.00	41.82 0.76 0.00	43.41 1.04 0.00	53.30 1.59 0.00	48.83 1.62 0.00	51.18 1.66 0.00	37.06 1.08 0.00	34.85 0.91 0.00	32.34 0.74 0.00
BOWLINE___2 23595	37.36 1.05 0.00	38.04 1.02 0.00	35.77 1.01 0.00	38.22 1.05 0.00	39.77 1.11 0.00	47.18 1.17 0.00	84.59 2.34 0.00	111.46 3.49 0.00	59.58 1.68 0.00	33.46 0.79 0.00	34.68 0.57 0.00	35.22 0.52 0.00	41.01 0.60 0.00	48.31 0.84 0.00	36.76 0.74 0.00	35.32 0.59 0.00	41.82 0.76 0.00	43.41 1.03 0.00	53.30 1.59 0.00	48.83 1.62 0.00	51.18 1.66 0.00	37.06 1.08 0.00	34.85 0.91 0.00	32.34 0.74 0.00
BRADY___115KV_TB2 356060	36.72 0.40 0.00	37.50 0.48 0.00	35.77 0.28 -0.73	41.25 0.42 -3.67	43.84 0.54 -4.65	50.38 0.70 -3.68	83.82 1.56 0.00	109.85 1.88 0.00	59.03 1.13 0.00	33.30 0.64 0.00	34.50 0.39 0.00	35.00 0.30 0.00	40.78 0.37 0.00	47.87 0.40 0.00	36.52 0.50 0.00	35.62 0.89 0.00	42.37 1.31 0.00	43.73 1.35 0.00	53.03 1.32 0.00	48.32 1.12 0.00	50.73 1.21 0.00	36.93 0.96 0.00	34.79 0.86 0.00	32.38 0.78 0.00
BRANSCOMB___SOLAR 323811	37.93 1.62 0.00	38.61 1.60 0.00	36.25 1.49 0.00	38.69 1.53 0.00	40.26 1.60 0.00	47.99 1.98 0.00	86.16 3.91 0.00	112.93 4.96 0.00	59.84 1.94 0.00	33.42 0.76 0.00	34.66 0.55 0.00	35.08 0.38 0.00	40.78 0.37 0.00	48.17 0.70 0.00	36.55 0.53 0.00	35.39 0.66 0.00	42.15 1.09 0.00	43.74 1.36 0.00	53.79 2.08 0.00	49.13 1.92 0.00	51.57 2.06 0.00	37.44 1.47 0.00	35.30 1.36 0.00	32.78 1.18 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	37.88 1.57 0.00	38.70 1.69 0.00	36.33 1.56 0.00	38.74 1.57 0.00	40.26 1.60 0.00	47.97 1.96 0.00	98.29 4.05 -11.99	120.42 5.76 -6.69	73.49 3.42 -12.17	67.36 1.83 -32.86	35.69 1.58 0.00	36.05 1.34 0.00	41.73 1.33 0.00	111.05 2.23 -61.35	51.19 1.78 -13.39	35.84 1.11 0.00	42.65 1.59 0.00	44.35 1.98 0.00	54.59 2.87 0.00	50.07 2.86 0.00	52.38 2.86 0.00	37.91 1.94 0.00	36.98 1.77 -1.28	33.03 1.42 0.00



BRISTLHL_115KV_TB1 79998	35.54 -0.77 0.00	36.24 -0.78 0.00	34.09 -0.67 0.00	36.45 -0.72 0.00	37.88 -0.77 0.00	45.18 -0.83 0.00	80.72 -1.54 0.00	105.86 -2.11 0.00	56.64 -1.26 0.00	32.00 -0.66 0.00	33.58 -0.53 0.00	34.24 -0.46 0.00	39.91 -0.50 0.00	46.84 -0.63 0.00	35.52 -0.50 0.00	34.27 -0.46 0.00	40.38 -0.68 0.00	41.51 -0.87 0.00	50.64 -1.07 0.00	46.24 -0.97 0.00	48.46 -1.06 0.00	35.14 -0.83 0.00	33.18 -0.76 0.00	30.93 -0.67 0.00
BROOKHAVEN___DRP 24191	37.34 1.04 0.00	38.12 1.10 0.00	35.79 1.02 0.00	38.18 1.01 0.00	39.69 1.03 0.00	47.49 1.48 0.00	97.36 3.12 -11.99	119.07 4.41 -6.69	72.55 2.48 -12.17	66.74 1.22 -32.86	34.86 0.75 0.00	35.16 0.45 0.00	40.81 0.40 0.00	109.92 1.10 -61.35	50.41 1.00 -13.39	35.05 0.32 0.00	41.83 0.77 0.00	43.55 1.18 0.00	53.86 2.14 0.00	49.52 2.31 0.00	51.79 2.28 0.00	37.37 1.39 0.00	36.18 1.25 -0.99	32.43 0.83 0.00
BROOKLYN_NAVY_YARD 23515	37.65 1.34 0.00	38.25 1.23 0.00	35.89 1.14 0.02	38.35 1.19 0.01	39.94 1.29 0.01	47.43 1.43 0.01	85.14 2.90 0.01	112.60 4.64 0.00	60.31 2.41 0.00	33.93 1.27 0.00	35.16 1.05 0.00	35.71 1.01 0.00	41.50 1.09 0.00	48.86 1.39 0.00	37.18 1.16 0.00	35.65 0.92 0.00	42.22 1.16 0.00	43.84 1.46 0.00	53.77 2.06 0.00	49.26 2.06 0.00	51.68 2.16 0.00	37.51 1.54 0.00	35.30 1.36 0.00	32.76 1.16 0.00
BROOKLYN___ARMY_DRP 323595	55.22 1.79 -17.12	54.43 1.75 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.15 3.23 -9.02	56.42 1.67 -22.09	55.22 1.49 -19.62	52.08 1.44 -15.93	59.33 1.63 -17.29	53.92 2.04 -4.41	53.43 1.63 -15.77	55.30 1.39 -19.18	52.55 1.74 -9.74	52.37 2.05 -7.94	61.95 2.74 -7.50	90.00 2.74 -40.06	92.05 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.97 1.49 -18.88
BROOKVLE_69_KV_TB1 55790	38.13 1.82 0.00	38.86 1.84 0.00	36.49 1.73 0.00	38.94 1.77 0.00	40.50 1.84 0.00	48.18 2.17 0.00	98.67 4.43 -11.99	121.56 6.89 -6.69	73.89 3.82 -12.17	67.54 2.02 -32.86	35.95 1.84 0.00	36.41 1.71 0.00	42.33 1.92 0.00	111.51 2.69 -61.35	51.46 2.05 -13.39	36.16 1.43 0.00	42.91 1.85 0.00	44.56 2.18 0.00	54.75 3.03 0.00	50.18 2.98 0.00	52.56 3.04 0.00	38.05 2.08 0.00	40.99 1.91 -5.14	33.19 1.59 0.00
BROOME_2_LFGE 323671	35.95 -0.36 0.00	36.71 -0.31 0.00	34.55 -0.21 0.00	37.00 -0.17 0.00	38.43 -0.23 0.00	45.82 -0.19 0.00	81.81 -0.44 0.00	107.51 -0.46 0.00	57.39 -0.52 0.00	32.45 -0.21 0.00	34.03 -0.08 0.00	34.75 0.05 0.00	40.49 0.09 0.00	47.54 0.06 0.00	35.91 -0.11 0.00	34.56 -0.17 0.00	40.79 -0.27 0.00	42.02 -0.35 0.00	51.25 -0.47 0.00	46.76 -0.44 0.00	48.93 -0.58 0.00	35.46 -0.52 0.00	33.40 -0.54 0.00	31.11 -0.49 0.00
BROOME___LFGE 323600	35.95 -0.36 0.00	36.71 -0.31 0.00	34.55 -0.21 0.00	37.00 -0.17 0.00	38.43 -0.23 0.00	45.82 -0.19 0.00	81.81 -0.44 0.00	107.51 -0.46 0.00	57.39 -0.52 0.00	32.45 -0.21 0.00	34.03 -0.08 0.00	34.75 0.05 0.00	40.49 0.09 0.00	47.54 0.06 0.00	35.91 -0.11 0.00	34.56 -0.17 0.00	40.79 -0.27 0.00	42.02 -0.35 0.00	51.25 -0.47 0.00	46.76 -0.44 0.00	48.93 -0.58 0.00	35.46 -0.52 0.00	33.40 -0.54 0.00	31.11 -0.49 0.00
BROWNFLS_115KV_TB 3_5 80003	35.26 -1.05 0.00	35.91 -1.11 0.00	34.62 -1.17 -1.03	41.63 -0.72 -5.18	44.83 -0.38 -6.55	50.89 -0.30 -5.18	82.66 0.41 0.00	108.62 0.66 0.00	58.12 0.22 0.00	32.65 -0.01 0.00	33.81 -0.30 0.00	34.13 -0.57 0.00	39.72 -0.69 0.00	46.97 -0.50 0.00	36.08 0.06 0.00	35.08 0.34 0.00	41.73 0.67 0.00	43.14 0.76 0.00	52.48 0.77 0.00	47.79 0.59 0.00	50.12 0.60 0.00	36.37 0.39 0.00	34.24 0.30 0.00	31.77 0.17 0.00
BROWNSV1_27_KV_LOAD 356125	38.08 1.77 0.00	38.72 1.70 0.00	36.37 1.61 0.00	38.86 1.69 0.00	40.45 1.79 0.00	48.08 2.07 0.00	86.30 4.04 0.00	114.02 6.05 0.00	61.08 3.18 0.00	34.32 1.66 0.00	35.58 1.48 0.00	36.13 1.42 0.00	42.00 1.59 0.00	49.48 2.01 0.00	37.61 1.59 0.00	36.09 1.36 0.00	42.73 1.67 0.00	44.35 1.98 0.00	54.42 2.70 0.00	49.88 2.67 0.00	52.29 2.77 0.00	37.88 1.91 0.00	35.62 1.68 0.00	33.03 1.43 0.00
BURROWS___LYONSDAL 23803	36.07 -0.24 0.00	36.70 -0.31 0.00	34.74 -0.32 -0.30	38.83 0.17 -1.48	41.05 0.52 -1.88	48.30 0.80 -1.49	84.62 2.36 0.00	111.31 3.34 0.00	59.39 1.49 0.00	33.24 0.58 0.00	34.54 0.43 0.00	34.95 0.25 0.00	40.71 0.30 0.00	48.10 0.63 0.00	36.84 0.82 0.00	35.58 0.85 0.00	42.21 1.15 0.00	43.69 1.31 0.00	53.33 1.61 0.00	48.62 1.42 0.00	50.96 1.44 0.00	36.90 0.93 0.00	34.75 0.81 0.00	32.22 0.63 0.00
CAITHNESS_CC_1 323624	37.37 1.06 0.00	38.15 1.13 0.00	35.81 1.06 0.00	38.20 1.03 0.00	39.71 1.05 0.00	47.48 1.47 0.00	97.31 3.07 -11.99	119.08 4.42 -6.69	72.59 2.51 -12.17	66.79 1.27 -32.86	34.96 0.85 0.00	35.26 0.56 0.00	40.95 0.55 0.00	110.06 1.24 -61.35	50.49 1.08 -13.39	35.13 0.40 0.00	41.91 0.85 0.00	43.61 1.24 0.00	53.86 2.15 0.00	49.49 2.28 0.00	51.76 2.24 0.00	37.39 1.42 0.00	36.20 1.28 -0.98	32.48 0.88 0.00
CALPINE BETH_PAGE_GT4 24209	37.85 1.53 0.00	38.60 1.58 0.00	36.23 1.47 0.00	38.67 1.50 0.00	40.19 1.53 0.00	47.83 1.82 0.00	98.03 3.78 -11.99	120.51 5.85 -6.69	73.36 3.29 -12.17	67.25 1.73 -32.86	35.62 1.51 0.00	36.08 1.38 0.00	41.90 1.49 0.00	111.08 2.26 -61.35	51.15 1.74 -13.39	35.84 1.11 0.00	42.55 1.49 0.00	44.24 1.86 0.00	54.20 2.49 0.00	49.74 2.54 0.00	52.07 2.55 0.00	37.72 1.74 0.00	39.85 1.73 -4.18	33.10 1.49 0.00
CALPINE_BETH_PAGE_GT_4 323586	37.85 1.53 0.00	38.60 1.58 0.00	36.23 1.47 0.00	38.67 1.50 0.00	40.19 1.53 0.00	47.83 1.82 0.00	98.03 3.79 -11.99	120.50 5.84 -6.69	73.36 3.29 -12.17	67.25 1.73 -32.86	35.62 1.51 0.00	36.08 1.38 0.00	41.90 1.49 0.00	111.07 2.25 -61.35	51.15 1.74 -13.39	35.84 1.10 0.00	42.55 1.49 0.00	44.24 1.86 0.00	54.20 2.49 0.00	49.74 2.53 0.00	52.06 2.54 0.00	37.72 1.74 0.00	39.86 1.74 -4.18	33.09 1.49 0.00
CALPINE_BP_GT1 23823	37.85 1.53 0.00	38.60 1.58 0.00	36.23 1.47 0.00	38.67 1.50 0.00	40.19 1.53 0.00	47.83 1.82 0.00	98.03 3.79 -11.99	120.50 5.84 -6.69	73.36 3.29 -12.17	67.25 1.73 -32.86	35.62 1.51 0.00	36.08 1.38 0.00	41.90 1.49 0.00	111.07 2.25 -61.35	51.15 1.74 -13.39	35.84 1.10 0.00	42.55 1.49 0.00	44.24 1.86 0.00	54.20 2.49 0.00	49.74 2.53 0.00	52.06 2.54 0.00	37.72 1.74 0.00	39.86 1.74 -4.18	33.09 1.49 0.00
CALSPAN___DRP 24200	35.08 -1.23 0.00	36.09 -0.93 0.00	33.85 -0.91 0.00	36.24 -0.93 0.00	37.56 -1.10 0.00	44.91 -1.09 0.00	78.59 -3.66 0.00	102.10 -5.87 0.00	55.34 -2.56 0.00	31.78 -0.89 0.00	33.65 -0.46 0.00	34.54 -0.17 0.00	40.23 -0.18 0.00	46.84 -0.63 0.00	35.21 -0.81 0.00	34.06 -0.67 0.00	39.58 -1.48 0.00	40.26 -2.12 0.00	48.67 -3.04 0.00	44.41 -2.80 0.00	46.36 -3.15 0.00	33.63 -2.34 0.00	32.20 -1.74 0.00	30.12 -1.48 0.00

CALVERTON___SOLAR 323806	37.37 1.06 0.00	38.14 1.12 0.00	35.80 1.04 0.00	38.20 1.03 0.00	39.72 1.06 0.00	47.57 1.56 0.00	97.50 3.26 -11.99	119.17 4.51 -6.69	72.58 2.50 -12.17	66.68 1.16 -32.86	34.77 0.66 0.00	35.04 0.33 0.00	40.68 0.27 0.00	109.76 0.94 -61.35	50.35 0.94 -13.39	34.97 0.24 0.00	41.76 0.70 0.00	43.52 1.14 0.00	53.84 2.12 0.00	49.54 2.34 0.00	51.81 2.29 0.00	37.35 1.38 0.00	36.16 1.24 -0.99	32.38 0.77 0.00
CANDIGU_WT_PWR 323617	33.95 -2.36 0.00	34.93 -2.09 0.00	33.19 -1.57 0.00	36.08 -1.09 0.00	37.77 -0.89 0.00	45.21 -0.80 0.00	80.38 -1.87 0.00	105.28 -2.69 0.00	56.20 -1.70 0.00	32.00 -0.66 0.00	33.75 -0.36 0.00	34.42 -0.28 0.00	39.86 -0.55 0.00	46.43 -1.04 0.00	34.94 -1.08 0.00	33.57 -1.16 0.00	39.52 -1.54 0.00	40.37 -2.00 0.00	49.19 -2.52 0.00	44.39 -2.81 0.00	46.16 -3.36 0.00	33.31 -2.67 0.00	31.28 -2.66 0.00	29.22 -2.38 0.00
CARR STREET_E_SYR 24060	35.89 -0.42 0.00	36.61 -0.41 0.00	34.42 -0.34 0.00	36.80 -0.37 0.00	38.24 -0.41 0.00	45.60 -0.41 0.00	81.43 -0.82 0.00	106.83 -1.14 0.00	57.20 -0.70 0.00	32.31 -0.36 0.00	33.94 -0.17 0.00	34.63 -0.08 0.00	40.33 -0.08 0.00	47.35 -0.13 0.00	35.87 -0.15 0.00	34.58 -0.15 0.00	40.73 -0.33 0.00	41.89 -0.49 0.00	51.09 -0.63 0.00	46.63 -0.57 0.00	48.86 -0.66 0.00	35.44 -0.53 0.00	33.45 -0.49 0.00	31.18 -0.42 0.00
CARTHAGE___PAPER 23857	35.70 -0.61 0.00	36.28 -0.74 0.00	34.47 -0.75 -0.47	39.56 0.03 -2.36	42.19 0.54 -3.00	49.45 1.08 -2.37	85.54 3.29 0.00	112.51 4.54 0.00	59.91 2.01 0.00	33.47 0.81 0.00	34.56 0.45 0.00	34.65 -0.06 0.00	40.29 -0.12 0.00	48.07 0.60 0.00	37.24 1.22 0.00	36.05 1.32 0.00	42.78 1.72 0.00	44.29 1.91 0.00	54.01 2.29 0.00	49.18 1.97 0.00	51.50 1.98 0.00	37.25 1.28 0.00	35.04 1.10 0.00	32.48 0.88 0.00
CASSADAGA_WT_PWR 323784	34.59 -1.73 0.00	36.32 -0.71 0.00	34.48 -0.28 0.00	36.98 -0.19 0.00	38.64 -0.02 0.00	46.32 0.31 0.00	81.85 -0.41 0.00	107.18 -0.79 0.00	57.40 -0.50 0.00	32.62 -0.05 0.00	34.29 0.18 0.00	35.13 0.43 0.00	41.00 0.59 0.00	47.75 0.28 0.00	35.38 -0.64 0.00	33.92 -0.81 0.00	39.48 -1.58 0.00	40.36 -2.02 0.00	48.92 -2.80 0.00	43.56 -3.64 0.00	44.81 -4.70 0.00	32.81 -3.16 0.00	31.29 -2.64 0.00	28.82 -2.78 0.00
CE_DUNWOOD___DRP 24194	37.64 1.33 0.00	38.30 1.28 0.00	35.98 1.22 0.00	38.44 1.27 0.00	40.00 1.34 0.00	47.51 1.50 0.00	85.24 2.99 0.00	112.46 4.49 0.00	60.18 2.28 0.00	33.82 1.15 0.00	35.05 0.94 0.00	35.57 0.87 0.00	41.40 0.99 0.00	48.79 1.31 0.00	37.08 1.06 0.00	35.57 0.84 0.00	42.15 1.09 0.00	43.75 1.37 0.00	53.70 1.99 0.00	49.20 1.99 0.00	51.58 2.07 0.00	37.37 1.40 0.00	35.14 1.21 0.00	32.60 1.00 0.00
CE_MILLWOOD___DRP 24193	37.53 1.21 0.00	38.19 1.17 0.00	35.88 1.12 0.00	38.34 1.17 0.00	39.90 1.24 0.00	47.37 1.36 0.00	84.95 2.70 0.00	112.05 4.08 0.00	59.93 2.03 0.00	33.66 1.00 0.00	34.89 0.78 0.00	35.43 0.73 0.00	41.23 0.82 0.00	48.59 1.12 0.00	36.94 0.92 0.00	35.45 0.72 0.00	41.99 0.93 0.00	43.61 1.23 0.00	53.53 1.82 0.00	49.02 1.82 0.00	51.41 1.89 0.00	37.24 1.27 0.00	35.01 1.08 0.00	32.50 0.90 0.00
CE_NYC2_DRP 24202	37.90 1.59 0.00	38.56 1.54 0.00	36.19 1.44 0.00	38.69 1.52 0.00	40.29 1.63 0.00	47.86 1.84 -0.01	85.84 3.59 0.00	113.46 5.49 0.00	64.89 2.89 -4.09	37.02 1.51 -2.85	36.40 1.32 -0.97	36.76 1.27 -0.79	45.98 1.42 -4.15	51.14 1.80 -1.87	38.58 1.44 -1.12	36.77 1.21 -0.83	42.58 1.49 -0.03	44.16 1.78 -0.01	57.71 2.47 -3.53	50.63 2.44 -0.98	53.83 2.55 -1.77	37.73 1.75 -0.01	35.47 1.53 0.00	32.89 1.28 -0.01
CE_NYC_DRP 24195	37.79 1.47 0.00	38.43 1.41 0.00	36.09 1.33 0.00	38.57 1.40 0.00	40.15 1.49 0.00	47.70 1.69 0.00	85.60 3.34 0.00	113.08 5.11 0.00	60.57 2.67 0.00	34.05 1.38 0.00	35.30 1.19 0.00	35.83 1.13 0.00	41.66 1.25 0.00	49.08 1.61 0.00	37.31 1.29 0.00	35.80 1.06 0.00	42.39 1.33 0.00	43.99 1.62 0.00	53.97 2.26 0.00	49.45 2.25 0.00	51.86 2.34 0.00	37.57 1.59 0.00	35.32 1.38 0.00	32.77 1.17 0.00
CHAFFEE___LFGE 323603	35.10 -1.22 0.00	36.25 -0.77 0.00	34.07 -0.69 0.00	36.55 -0.62 0.00	37.75 -0.91 0.00	44.84 -1.16 0.00	79.12 -3.13 0.00	103.76 -4.21 0.00	56.02 -1.89 0.00	32.06 -0.61 0.00	33.96 -0.15 0.00	34.88 0.17 0.00	40.69 0.28 0.00	47.55 0.07 0.00	35.58 -0.44 0.00	34.21 -0.52 0.00	39.94 -1.12 0.00	40.65 -1.73 0.00	49.04 -2.67 0.00	44.73 -2.47 0.00	46.64 -2.88 0.00	33.75 -2.22 0.00	31.94 -2.00 0.00	29.86 -1.74 0.00
CHATEAUG_35_KV_LOAD 355732	35.50 -0.82 0.00	36.29 -0.73 0.00	23.72 -1.01 10.03	-14.35 -1.06 50.46	-26.24 -1.00 63.90	-5.67 -1.15 50.53	80.98 -1.27 0.00	106.67 -1.31 0.00	58.00 0.10 0.00	33.16 0.49 0.00	34.58 0.47 0.00	35.08 0.38 0.00	40.74 0.34 0.00	47.82 0.34 0.00	36.31 0.29 0.00	35.37 0.64 0.00	42.21 1.15 0.00	43.68 1.30 0.00	53.07 1.36 0.00	48.38 1.17 0.00	50.72 1.20 0.00	36.96 0.99 0.00	34.71 0.77 0.00	32.12 0.52 0.00
CHATEAUG_WT_PWR 323614	35.54 -0.78 0.00	36.31 -0.71 0.00	24.57 -0.98 9.21	-10.23 -1.03 46.37	-21.02 -0.96 58.72	-1.53 -1.10 46.44	81.02 -1.23 0.00	106.73 -1.24 0.00	57.96 0.06 0.00	33.12 0.45 0.00	34.55 0.44 0.00	35.05 0.35 0.00	40.71 0.30 0.00	47.77 0.30 0.00	36.28 0.26 0.00	35.34 0.60 0.00	42.14 1.08 0.00	43.60 1.22 0.00	53.00 1.29 0.00	48.32 1.11 0.00	50.65 1.14 0.00	36.92 0.94 0.00	34.66 0.72 0.00	32.09 0.49 0.00
CHAT_HIGH_FALL_HYD 323578	35.50 -0.82 0.00	36.29 -0.73 0.00	23.72 -1.01 10.03	-14.35 -1.06 50.46	-26.24 -1.00 63.90	-5.67 -1.15 50.53	80.98 -1.27 0.00	106.67 -1.31 0.00	58.00 0.10 0.00	33.16 0.49 0.00	34.58 0.47 0.00	35.08 0.38 0.00	40.74 0.34 0.00	47.82 0.34 0.00	36.31 0.29 0.00	35.37 0.64 0.00	42.21 1.15 0.00	43.68 1.30 0.00	53.07 1.36 0.00	48.38 1.17 0.00	50.72 1.20 0.00	36.96 0.99 0.00	34.71 0.77 0.00	32.12 0.52 0.00
CHAUTAUQUA___LFGE 323629	34.68 -1.63 0.00	36.22 -0.80 0.00	34.27 -0.49 0.00	36.74 -0.43 0.00	38.23 -0.43 0.00	45.74 -0.27 0.00	80.69 -1.56 0.00	105.60 -2.37 0.00	56.54 -1.36 0.00	32.26 -0.40 0.00	34.00 -0.11 0.00	34.79 0.08 0.00	40.58 0.18 0.00	47.36 -0.11 0.00	35.27 -0.75 0.00	33.91 -0.82 0.00	39.57 -1.49 0.00	40.42 -1.96 0.00	48.99 -2.72 0.00	44.22 -2.99 0.00	45.75 -3.77 0.00	33.22 -2.75 0.00	31.75 -2.19 0.00	29.39 -2.21 0.00
CHERRYST_13_KV_LD 356241	37.88 1.56 0.00	38.52 1.51 0.00	36.18 1.43 0.00	38.67 1.50 0.00	40.26 1.60 0.00	47.83 1.83 0.00	85.87 3.62 0.00	113.44 5.47 0.00	60.77 2.87 0.00	34.16 1.50 0.00	35.43 1.32 0.00	35.95 1.25 0.00	41.80 1.39 0.00	49.25 1.78 0.00	37.44 1.42 0.00	35.92 1.18 0.00	42.54 1.47 0.00	44.14 1.77 0.00	54.13 2.42 0.00	49.60 2.39 0.00	52.00 2.48 0.00	37.67 1.70 0.00	35.42 1.48 0.00	32.86 1.26 0.00

CHESTROR_138KV_BK263 355645	37.26 0.95 0.00	37.95 0.93 0.00	35.68 0.92 0.00	38.12 0.95 0.00	39.67 1.01 0.00	47.08 1.07 0.00	84.37 2.12 0.00	111.11 3.14 0.00	59.39 1.48 0.00	33.33 0.67 0.00	34.57 0.46 0.00	35.10 0.40 0.00	40.92 0.52 0.00	48.19 0.72 0.00	36.62 0.60 0.00	35.22 0.49 0.00	41.70 0.64 0.00	43.27 0.89 0.00	53.11 1.39 0.00	48.62 1.42 0.00	50.98 1.46 0.00	36.94 0.97 0.00	34.74 0.81 0.00	32.26 0.66 0.00
CH_MIDHUDSON___DRP 24192	37.64 1.32 0.00	38.29 1.27 0.00	35.97 1.20 0.00	38.43 1.27 0.00	39.98 1.33 0.00	47.50 1.49 0.00	85.15 2.90 0.00	112.24 4.28 0.00	59.97 2.07 0.00	33.66 1.00 0.00	34.90 0.79 0.00	35.40 0.70 0.00	41.23 0.83 0.00	48.61 1.14 0.00	36.89 0.87 0.00	35.45 0.71 0.00	42.01 0.95 0.00	43.65 1.27 0.00	53.59 1.88 0.00	49.08 1.87 0.00	51.49 1.97 0.00	37.33 1.35 0.00	35.10 1.16 0.00	32.57 0.97 0.00
CH_MISC_IPPS 23765	37.83 1.52 0.00	38.51 1.49 0.00	36.18 1.42 0.00	38.66 1.49 0.00	40.24 1.58 0.00	47.79 1.79 0.00	85.73 3.48 0.00	113.00 5.03 0.00	60.36 2.46 0.00	33.85 1.19 0.00	35.08 0.97 0.00	35.58 0.87 0.00	41.51 1.10 0.00	48.90 1.43 0.00	37.11 1.09 0.00	35.66 0.93 0.00	42.27 1.21 0.00	43.92 1.54 0.00	53.90 2.19 0.00	49.38 2.17 0.00	51.77 2.25 0.00	37.51 1.54 0.00	35.27 1.34 0.00	32.71 1.11 0.00
CH_RES_BVR_FALLS 23983	35.72 -0.59 0.00	36.48 -0.53 0.00	34.15 -0.61 0.00	36.87 -0.30 0.00	38.44 -0.22 0.00	45.73 -0.28 0.00	82.13 -0.13 0.00	107.86 -0.11 0.00	57.99 0.09 0.00	32.76 0.09 0.00	34.18 0.07 0.00	34.75 0.05 0.00	40.47 0.06 0.00	47.53 0.05 0.00	36.10 0.08 0.00	34.87 0.14 0.00	41.30 0.24 0.00	42.64 0.26 0.00	51.94 0.23 0.00	47.33 0.12 0.00	49.65 0.14 0.00	36.12 0.14 0.00	34.06 0.12 0.00	31.70 0.10 0.00
CH_RES_NIAGARA 23895	34.30 -2.01 0.00	35.17 -1.85 0.00	32.92 -1.85 0.00	35.20 -1.97 0.00	36.49 -2.17 0.00	43.58 -2.43 0.00	75.88 -6.38 0.00	98.09 -9.88 0.00	53.36 -4.55 0.00	30.70 -1.97 0.00	32.52 -1.59 0.00	33.40 -1.30 0.00	38.95 -1.46 0.00	45.32 -2.15 0.00	34.15 -1.87 0.00	33.08 -1.65 0.00	38.37 -2.69 0.00	38.98 -3.40 0.00	47.10 -4.61 0.00	42.97 -4.24 0.00	44.94 -4.58 0.00	32.72 -3.25 0.00	31.39 -2.54 0.00	29.45 -2.15 0.00
CH_RES_SYRACUSE 23985	36.06 -0.25 0.00	36.79 -0.23 0.00	34.58 -0.17 0.00	36.98 -0.19 0.00	38.44 -0.22 0.00	45.80 -0.21 0.00	81.85 -0.40 0.00	107.42 -0.55 0.00	57.44 -0.46 0.00	32.42 -0.24 0.00	34.06 -0.05 0.00	34.77 0.07 0.00	40.52 0.11 0.00	47.58 0.10 0.00	36.03 0.01 0.00	34.75 0.02 0.00	40.92 -0.14 0.00	42.11 -0.27 0.00	51.39 -0.33 0.00	46.90 -0.31 0.00	49.13 -0.39 0.00	35.63 -0.35 0.00	33.62 -0.31 0.00	31.32 -0.28 0.00
CLINTON_WT_PWR 323605	35.54 -0.78 0.00	36.31 -0.71 0.00	24.57 -0.98 9.21	-10.23 -1.03 46.37	-21.02 -0.96 58.72	-1.53 -1.10 46.44	81.02 -1.23 0.00	106.73 -1.24 0.00	57.96 0.06 0.00	33.12 0.45 0.00	34.55 0.44 0.00	35.05 0.35 0.00	40.71 0.30 0.00	47.77 0.30 0.00	36.28 0.26 0.00	35.34 0.60 0.00	42.14 1.08 0.00	43.60 1.22 0.00	53.00 1.29 0.00	48.32 1.11 0.00	50.65 1.14 0.00	36.92 0.94 0.00	34.66 0.72 0.00	32.09 0.49 0.00
CLINTON___LFGE 323618	36.29 -0.02 0.00	37.08 0.07 0.00	25.30 -0.25 9.21	-9.43 -0.22 46.37	-20.25 -0.19 58.72	-0.75 -0.32 46.44	82.46 0.20 0.00	108.36 0.39 0.00	58.96 1.06 0.00	33.63 0.96 0.00	35.02 0.91 0.00	35.46 0.76 0.00	41.12 0.71 0.00	48.26 0.78 0.00	36.62 0.60 0.00	35.78 1.05 0.00	42.77 1.70 0.00	44.32 1.94 0.00	53.97 2.26 0.00	49.23 2.02 0.00	51.59 2.07 0.00	37.60 1.63 0.00	35.21 1.28 0.00	32.59 0.99 0.00
COBBLENY_34_KV_TB1 80064	35.10 -1.22 0.00	36.25 -0.77 0.00	34.07 -0.69 0.00	36.55 -0.62 0.00	37.75 -0.91 0.00	44.85 -1.16 0.00	79.12 -3.13 0.00	103.76 -4.21 0.00	56.00 -1.90 0.00	32.05 -0.62 0.00	33.96 -0.15 0.00	34.88 0.18 0.00	40.68 0.27 0.00	47.53 0.06 0.00	35.57 -0.45 0.00	34.21 -0.52 0.00	39.94 -1.12 0.00	40.66 -1.72 0.00	49.04 -2.68 0.00	44.74 -2.47 0.00	46.63 -2.89 0.00	33.76 -2.22 0.00	31.94 -2.00 0.00	29.85 -1.75 0.00
COFFEEN___115KV_TB3 355620	35.78 -0.53 0.00	36.34 -0.68 0.00	34.48 -0.67 -0.39	39.28 0.14 -1.97	41.78 0.63 -2.49	49.30 1.33 -1.97	85.97 3.72 0.00	113.05 5.09 0.00	60.12 2.22 0.00	33.56 0.90 0.00	34.63 0.52 0.00	34.65 -0.06 0.00	40.23 -0.18 0.00	48.17 0.69 0.00	37.43 1.41 0.00	36.14 1.40 0.00	42.87 1.81 0.00	44.39 2.01 0.00	54.17 2.46 0.00	49.31 2.11 0.00	51.61 2.10 0.00	37.30 1.32 0.00	35.06 1.13 0.00	32.49 0.89 0.00
COLDSPRG_115KV_BK1 355956	35.55 -0.76 0.00	36.95 -0.07 0.00	34.86 0.10 0.00	37.40 0.23 0.00	38.84 0.18 0.00	46.41 0.40 0.00	82.00 -0.25 0.00	107.51 -0.45 0.00	57.79 -0.11 0.00	33.01 0.34 0.00	34.83 0.72 0.00	35.71 1.01 0.00	41.61 1.20 0.00	48.55 1.08 0.00	36.18 0.16 0.00	34.75 0.01 0.00	40.55 -0.51 0.00	41.34 -1.03 0.00	50.03 -1.68 0.00	45.21 -2.00 0.00	46.87 -2.65 0.00	34.05 -1.93 0.00	32.35 -1.59 0.00	30.01 -1.59 0.00
COLONIE_LFGE___ 323577	37.51 1.20 0.00	38.13 1.11 0.00	35.82 1.06 0.00	38.22 1.05 0.00	39.76 1.10 0.00	47.28 1.27 0.00	84.63 2.38 0.00	111.01 3.04 0.00	59.10 1.19 0.00	33.10 0.43 0.00	34.37 0.26 0.00	34.88 0.17 0.00	40.52 0.12 0.00	47.72 0.25 0.00	36.19 0.17 0.00	34.84 0.11 0.00	41.34 0.28 0.00	42.87 0.50 0.00	52.74 1.03 0.00	48.18 0.98 0.00	50.60 1.09 0.00	36.79 0.82 0.00	34.70 0.76 0.00	32.28 0.67 0.00
COOPERNY_115KV_TB1 80082	36.94 0.63 0.00	37.65 0.63 0.00	35.38 0.62 0.00	37.82 0.65 0.00	39.33 0.68 0.00	46.73 0.72 0.00	83.66 1.41 0.00	110.07 2.10 0.00	58.89 0.98 0.00	33.12 0.45 0.00	34.41 0.30 0.00	34.96 0.26 0.00	40.75 0.34 0.00	47.95 0.47 0.00	36.44 0.42 0.00	35.07 0.34 0.00	41.49 0.43 0.00	42.98 0.60 0.00	52.65 0.94 0.00	48.16 0.96 0.00	50.50 0.98 0.00	36.62 0.65 0.00	34.47 0.54 0.00	32.02 0.42 0.00
COPENHAGEN_WT_PWR 323753	35.06 -1.25 0.00	35.58 -1.44 0.00	33.76 -1.37 -0.37	38.59 -0.44 -1.86	41.11 0.10 -2.36	48.58 0.70 -1.86	84.87 2.62 0.00	111.67 3.70 0.00	59.48 1.58 0.00	33.25 0.59 0.00	34.39 0.28 0.00	34.50 -0.20 0.00	40.10 -0.30 0.00	47.84 0.37 0.00	37.06 1.04 0.00	35.79 1.06 0.00	42.41 1.35 0.00	43.85 1.47 0.00	53.49 1.78 0.00	48.67 1.46 0.00	50.95 1.43 0.00	36.81 0.83 0.00	34.64 0.71 0.00	32.16 0.56 0.00
CORNELL_____ 23752	36.49 0.18 0.00	37.20 0.18 0.00	35.01 0.25 0.00	37.50 0.33 0.00	38.99 0.33 0.00	46.57 0.57 0.00	83.45 1.20 0.00	109.73 1.76 0.00	58.45 0.55 0.00	32.80 0.14 0.00	34.44 0.33 0.00	35.27 0.57 0.00	41.18 0.77 0.00	48.28 0.81 0.00	36.48 0.46 0.00	35.21 0.48 0.00	41.61 0.54 0.00	42.86 0.49 0.00	52.36 0.65 0.00	47.78 0.57 0.00	49.97 0.45 0.00	36.15 0.18 0.00	34.04 0.10 0.00	31.67 0.07 0.00

CORONA__69_KV_TB1 355595	38.08 1.77 0.00	38.81 1.79 0.00	36.44 1.67 0.00	38.86 1.69 0.00	40.38 1.73 0.00	48.00 2.00 0.00	98.33 4.10 -11.99	120.99 6.33 -6.69	73.62 3.55 -12.17	67.35 1.83 -32.86	35.84 1.73 0.00	36.30 1.60 0.00	42.19 1.78 0.00	111.26 2.44 -61.35	51.30 1.89 -13.39	36.04 1.31 0.00	42.73 1.67 0.00	44.36 1.99 0.00	54.53 2.81 0.00	50.01 2.81 0.00	52.37 2.85 0.00	37.96 1.98 0.00	52.26 1.78 -16.55	33.12 1.50 -0.02
CORTLAND__115KV_TB3 80093	36.33 0.01 0.00	37.04 0.02 0.00	34.85 0.09 0.00	37.30 0.13 0.00	38.77 0.12 0.00	46.28 0.27 0.00	82.84 0.59 0.00	108.88 0.91 0.00	58.09 0.19 0.00	32.69 0.02 0.00	34.24 0.13 0.00	35.00 0.30 0.00	40.82 0.41 0.00	47.93 0.46 0.00	36.27 0.24 0.00	34.97 0.24 0.00	41.30 0.24 0.00	42.57 0.19 0.00	51.97 0.26 0.00	47.42 0.22 0.00	49.65 0.13 0.00	35.96 -0.02 0.00	33.88 -0.05 0.00	31.54 -0.06 0.00
COXSACKIE__GT 23611	38.95 2.64 0.00	39.56 2.55 0.00	37.15 2.39 0.00	39.69 2.52 0.00	41.32 2.66 0.00	49.25 3.24 0.00	88.44 6.19 0.00	116.09 8.12 0.00	61.51 3.61 0.00	34.13 1.47 0.00	34.99 0.88 0.00	35.68 0.97 0.00	41.17 0.76 0.00	48.77 1.30 0.00	36.34 0.32 0.00	35.31 0.58 0.00	41.91 0.85 0.00	43.85 1.47 0.00	54.24 2.53 0.00	49.55 2.34 0.00	51.92 2.40 0.00	37.67 1.69 0.00	35.47 1.54 0.00	33.07 1.47 0.00
CPV_VALLEY__CC1 323721	36.99 0.67 0.00	37.68 0.66 0.00	35.42 0.66 0.00	37.84 0.67 0.00	39.38 0.72 0.00	46.73 0.72 0.00	83.71 1.46 0.00	110.24 2.27 0.00	58.94 1.04 0.00	33.13 0.47 0.00	34.39 0.28 0.00	34.93 0.22 0.00	40.67 0.26 0.00	47.88 0.41 0.00	36.42 0.40 0.00	35.02 0.29 0.00	41.44 0.38 0.00	42.98 0.60 0.00	52.71 1.00 0.00	48.25 1.04 0.00	50.59 1.07 0.00	36.69 0.71 0.00	34.51 0.57 0.00	32.05 0.45 0.00
CPV_VALLEY__CC2 323722	36.99 0.67 0.00	37.68 0.66 0.00	35.42 0.66 0.00	37.84 0.67 0.00	39.38 0.72 0.00	46.73 0.72 0.00	83.71 1.46 0.00	110.24 2.27 0.00	58.94 1.04 0.00	33.13 0.47 0.00	34.39 0.28 0.00	34.93 0.22 0.00	40.67 0.26 0.00	47.88 0.41 0.00	36.42 0.40 0.00	35.02 0.29 0.00	41.44 0.38 0.00	42.98 0.60 0.00	52.71 1.00 0.00	48.25 1.04 0.00	50.59 1.07 0.00	36.69 0.71 0.00	34.51 0.57 0.00	32.05 0.45 0.00
CRESCENT__HYD 24018	37.51 1.20 0.00	38.13 1.11 0.00	35.82 1.06 0.00	38.22 1.05 0.00	39.76 1.10 0.00	47.28 1.27 0.00	84.63 2.38 0.00	111.01 3.04 0.00	59.10 1.19 0.00	33.10 0.43 0.00	34.37 0.26 0.00	34.88 0.17 0.00	40.52 0.12 0.00	47.72 0.25 0.00	36.19 0.17 0.00	34.84 0.11 0.00	41.34 0.28 0.00	42.87 0.50 0.00	52.74 1.03 0.00	48.18 0.98 0.00	50.60 1.09 0.00	36.79 0.82 0.00	34.70 0.76 0.00	32.28 0.67 0.00
CRICKET__VALLEY_CC1 323756	37.32 1.01 0.00	37.89 0.87 0.00	35.59 0.83 0.00	38.01 0.84 0.00	39.54 0.88 0.00	46.92 0.91 0.00	84.13 1.88 0.00	110.85 2.88 0.00	59.12 1.22 0.00	33.21 0.54 0.00	34.43 0.31 0.00	34.90 0.19 0.00	40.59 0.18 0.00	47.88 0.40 0.00	36.36 0.33 0.00	34.91 0.18 0.00	41.41 0.34 0.00	43.09 0.71 0.00	52.97 1.26 0.00	48.54 1.33 0.00	50.94 1.42 0.00	36.97 0.99 0.00	34.77 0.83 0.00	32.27 0.67 0.00
CRICKET__VALLEY_CC2 323757	37.32 1.01 0.00	37.89 0.87 0.00	35.59 0.83 0.00	38.01 0.84 0.00	39.54 0.88 0.00	46.92 0.91 0.00	84.13 1.88 0.00	110.85 2.88 0.00	59.12 1.22 0.00	33.21 0.54 0.00	34.43 0.31 0.00	34.90 0.19 0.00	40.59 0.18 0.00	47.88 0.40 0.00	36.36 0.33 0.00	34.91 0.18 0.00	41.41 0.34 0.00	43.09 0.71 0.00	52.97 1.26 0.00	48.54 1.33 0.00	50.94 1.42 0.00	36.97 0.99 0.00	34.77 0.83 0.00	32.27 0.67 0.00
CRICKET__VALLEY_CC3 323758	37.32 1.01 0.00	37.89 0.87 0.00	35.59 0.83 0.00	38.01 0.84 0.00	39.54 0.88 0.00	46.92 0.91 0.00	84.13 1.88 0.00	110.85 2.88 0.00	59.12 1.22 0.00	33.21 0.54 0.00	34.43 0.31 0.00	34.90 0.19 0.00	40.59 0.18 0.00	47.88 0.40 0.00	36.36 0.33 0.00	34.91 0.18 0.00	41.41 0.34 0.00	43.09 0.71 0.00	52.97 1.26 0.00	48.54 1.33 0.00	50.94 1.42 0.00	36.97 0.99 0.00	34.77 0.83 0.00	32.27 0.67 0.00
CRUCIBLE_METL_DRP 24180	36.06 -0.25 0.00	36.79 -0.23 0.00	34.58 -0.17 0.00	36.98 -0.19 0.00	38.44 -0.22 0.00	45.80 -0.21 0.00	81.85 -0.41 0.00	107.41 -0.56 0.00	57.44 -0.46 0.00	32.43 -0.24 0.00	34.06 -0.05 0.00	34.77 0.07 0.00	40.52 0.11 0.00	47.58 0.10 0.00	36.03 0.01 0.00	34.75 0.02 0.00	40.92 -0.14 0.00	42.11 -0.26 0.00	51.38 -0.33 0.00	46.90 -0.31 0.00	49.13 -0.38 0.00	35.63 -0.35 0.00	33.62 -0.31 0.00	31.32 -0.28 0.00
DAHOWA__HYDRO 323763	38.04 1.73 0.00	38.74 1.72 0.00	36.36 1.61 0.00	38.81 1.64 0.00	40.39 1.74 0.00	48.19 2.18 0.00	86.63 4.38 0.00	113.53 5.56 0.00	60.11 2.21 0.00	33.55 0.88 0.00	34.80 0.69 0.00	35.20 0.50 0.00	40.90 0.49 0.00	48.28 0.81 0.00	36.64 0.62 0.00	35.51 0.78 0.00	42.32 1.26 0.00	43.94 1.57 0.00	54.05 2.33 0.00	49.36 2.15 0.00	51.81 2.29 0.00	37.59 1.61 0.00	35.44 1.50 0.00	32.90 1.30 0.00
DANC__LFGE 323619	35.21 -1.11 0.00	35.79 -1.23 0.00	33.87 -1.14 -0.25	37.85 -0.60 -1.28	39.98 -0.29 -1.62	47.33 0.04 -1.28	83.15 0.89 0.00	109.31 1.34 0.00	58.29 0.39 0.00	32.71 0.05 0.00	34.01 -0.10 0.00	34.32 -0.39 0.00	39.89 -0.52 0.00	47.35 -0.12 0.00	36.41 0.38 0.00	35.14 0.41 0.00	41.56 0.51 0.00	42.89 0.51 0.00	52.34 0.63 0.00	47.67 0.46 0.00	49.92 0.41 0.00	36.12 0.14 0.00	34.02 0.09 0.00	31.62 0.02 0.00
DANSKAMMER__1 23586	37.83 1.52 0.00	38.51 1.49 0.00	36.18 1.42 0.00	38.66 1.49 0.00	40.24 1.58 0.00	47.79 1.79 0.00	85.73 3.48 0.00	113.00 5.03 0.00	60.36 2.46 0.00	33.85 1.19 0.00	35.08 0.97 0.00	35.58 0.87 0.00	41.51 1.10 0.00	48.90 1.43 0.00	37.11 1.09 0.00	35.66 0.93 0.00	42.27 1.21 0.00	43.92 1.54 0.00	53.90 2.19 0.00	49.38 2.17 0.00	51.77 2.25 0.00	37.51 1.54 0.00	35.27 1.34 0.00	32.71 1.11 0.00
DANSKAMMER__2 23589	37.83 1.52 0.00	38.51 1.49 0.00	36.18 1.42 0.00	38.66 1.49 0.00	40.24 1.58 0.00	47.79 1.79 0.00	85.73 3.48 0.00	113.00 5.03 0.00	60.36 2.46 0.00	33.85 1.19 0.00	35.08 0.97 0.00	35.58 0.87 0.00	41.51 1.10 0.00	48.90 1.43 0.00	37.11 1.09 0.00	35.66 0.93 0.00	42.27 1.21 0.00	43.92 1.54 0.00	53.90 2.19 0.00	49.38 2.17 0.00	51.77 2.25 0.00	37.51 1.54 0.00	35.27 1.34 0.00	32.71 1.11 0.00
DANSKAMMER__3 23590	37.83 1.52 0.00	38.51 1.49 0.00	36.18 1.42 0.00	38.66 1.49 0.00	40.24 1.58 0.00	47.79 1.79 0.00	85.73 3.48 0.00	113.00 5.03 0.00	60.36 2.46 0.00	33.85 1.19 0.00	35.08 0.97 0.00	35.58 0.87 0.00	41.51 1.10 0.00	48.90 1.43 0.00	37.11 1.09 0.00	35.66 0.93 0.00	42.27 1.21 0.00	43.92 1.54 0.00	53.90 2.19 0.00	49.38 2.17 0.00	51.77 2.25 0.00	37.51 1.54 0.00	35.27 1.34 0.00	32.71 1.11 0.00

DANSKAMMER___4 23591	37.83 1.52 0.00	38.51 1.49 0.00	36.18 1.42 0.00	38.66 1.49 0.00	40.24 1.58 0.00	47.79 1.79 0.00	85.73 3.48 0.00	113.00 5.03 0.00	60.36 2.46 0.00	33.85 1.19 0.00	35.08 0.97 0.00	35.58 0.87 0.00	41.51 1.10 0.00	48.90 1.43 0.00	37.11 1.09 0.00	35.66 0.93 0.00	42.27 1.21 0.00	43.92 1.54 0.00	53.90 2.19 0.00	49.38 2.17 0.00	51.77 2.25 0.00	37.51 1.54 0.00	35.27 1.34 0.00	32.71 1.11 0.00
DANSKAMMER___DIESEL 23592	37.83 1.52 0.00	38.51 1.49 0.00	36.18 1.42 0.00	38.66 1.49 0.00	40.24 1.58 0.00	47.79 1.79 0.00	85.73 3.48 0.00	113.00 5.03 0.00	60.36 2.46 0.00	33.85 1.19 0.00	35.08 0.97 0.00	35.58 0.87 0.00	41.51 1.10 0.00	48.90 1.43 0.00	37.11 1.09 0.00	35.67 0.93 0.00	42.27 1.21 0.00	43.92 1.54 0.00	53.91 2.19 0.00	49.38 2.17 0.00	51.77 2.25 0.00	37.51 1.54 0.00	35.27 1.34 0.00	32.72 1.12 0.00
DARBY___SOLAR 323810	37.98 1.67 0.00	38.66 1.64 0.00	36.29 1.53 0.00	38.74 1.56 0.00	40.30 1.65 0.00	48.03 2.02 0.00	86.30 4.05 0.00	113.09 5.12 0.00	59.95 2.04 0.00	33.47 0.81 0.00	34.71 0.61 0.00	35.12 0.42 0.00	40.84 0.43 0.00	48.24 0.76 0.00	36.60 0.58 0.00	35.44 0.71 0.00	42.22 1.16 0.00	43.82 1.45 0.00	53.90 2.18 0.00	49.21 2.01 0.00	51.67 2.15 0.00	37.50 1.53 0.00	35.36 1.42 0.00	32.83 1.23 0.00
DASHVILLE___HYD 23610	37.58 1.27 0.00	38.25 1.23 0.00	35.93 1.17 0.00	38.40 1.23 0.00	39.96 1.30 0.00	47.47 1.47 0.00	85.08 2.83 0.00	112.12 4.15 0.00	59.92 2.02 0.00	33.66 1.00 0.00	34.87 0.76 0.00	35.37 0.67 0.00	41.19 0.78 0.00	48.57 1.10 0.00	36.86 0.83 0.00	35.43 0.70 0.00	42.00 0.94 0.00	43.63 1.25 0.00	53.55 1.84 0.00	49.02 1.81 0.00	51.43 1.91 0.00	37.28 1.31 0.00	35.06 1.12 0.00	32.53 0.93 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	37.84 1.52 0.00	38.62 1.60 0.00	36.25 1.49 0.00	38.70 1.53 0.00	40.24 1.59 0.00	48.26 2.25 0.00	98.77 4.53 -11.99	120.82 6.16 -6.69	73.39 3.32 -12.17	66.56 1.04 -32.86	34.44 0.33 0.00	34.68 -0.02 0.00	40.28 -0.13 0.00	109.27 0.45 -61.35	50.22 0.81 -13.39	34.80 0.07 0.00	41.54 0.48 0.00	43.49 1.11 0.00	53.71 2.00 0.00	49.44 2.24 0.00	51.59 2.07 0.00	37.14 1.17 0.00	35.94 1.00 -1.00	32.12 0.52 0.00
DELAWARE___LFGE 323621	37.00 0.68 0.00	37.68 0.66 0.00	35.42 0.66 0.00	37.88 0.71 0.00	39.40 0.74 0.00	46.92 0.91 0.00	83.92 1.67 0.00	110.31 2.35 0.00	59.38 1.47 0.00	33.42 0.76 0.00	34.77 0.66 0.00	35.41 0.71 0.00	41.30 0.89 0.00	48.58 1.11 0.00	36.92 0.90 0.00	35.58 0.85 0.00	41.90 0.84 0.00	43.27 0.90 0.00	52.85 1.14 0.00	48.22 1.02 0.00	50.57 1.05 0.00	36.68 0.71 0.00	34.54 0.60 0.00	32.09 0.49 0.00
DERFIELD_115KV_TB7 355931	36.34 0.03 0.00	37.02 0.00 0.00	34.76 0.00 0.00	37.20 0.03 0.00	38.70 0.04 0.00	46.05 0.05 0.00	82.40 0.15 0.00	108.23 0.26 0.00	57.92 0.02 0.00	32.60 -0.07 0.00	34.02 -0.09 0.00	34.60 -0.11 0.00	40.28 -0.12 0.00	47.33 -0.14 0.00	35.91 -0.11 0.00	34.63 -0.10 0.00	40.95 -0.12 0.00	42.33 -0.05 0.00	51.78 0.06 0.00	47.27 0.06 0.00	49.58 0.07 0.00	36.01 0.04 0.00	33.96 0.02 0.00	31.60 0.00 0.00
DOGLEVILLE___HYD 23807	36.85 0.54 0.00	37.47 0.45 0.00	35.12 0.36 0.00	37.25 0.08 0.00	38.84 0.18 0.00	46.22 0.21 0.00	82.92 0.67 0.00	108.96 0.99 0.00	56.95 -0.95 0.00	31.12 -1.54 0.00	32.27 -1.83 0.00	32.66 -2.04 0.00	37.98 -2.43 0.00	44.88 -2.60 0.00	33.56 -2.46 0.00	33.57 -1.17 0.00	39.97 -1.09 0.00	41.76 -0.61 0.00	51.48 -0.24 0.00	47.04 -0.17 0.00	49.22 -0.30 0.00	35.82 -0.15 0.00	33.71 -0.23 0.00	31.29 -0.31 0.00
DUNKIRK___115KV_TB_200 55889	34.71 -1.60 0.00	36.19 -0.83 0.00	34.23 -0.53 0.00	36.69 -0.48 0.00	38.15 -0.50 0.00	45.65 -0.36 0.00	80.53 -1.73 0.00	105.36 -2.61 0.00	56.41 -1.49 0.00	32.20 -0.47 0.00	33.96 -0.15 0.00	34.75 0.05 0.00	40.52 0.11 0.00	47.31 -0.16 0.00	35.26 -0.76 0.00	33.92 -0.81 0.00	39.57 -1.49 0.00	40.42 -1.96 0.00	49.00 -2.71 0.00	44.30 -2.91 0.00	45.84 -3.67 0.00	33.29 -2.68 0.00	31.80 -2.14 0.00	29.45 -2.15 0.00
DUNKIRK___1 23563	34.71 -1.60 0.00	36.19 -0.83 0.00	34.23 -0.53 0.00	36.69 -0.48 0.00	38.15 -0.50 0.00	45.65 -0.36 0.00	80.53 -1.73 0.00	105.36 -2.61 0.00	56.41 -1.49 0.00	32.20 -0.47 0.00	33.96 -0.15 0.00	34.75 0.05 0.00	40.52 0.11 0.00	47.31 -0.16 0.00	35.26 -0.76 0.00	33.92 -0.81 0.00	39.57 -1.49 0.00	40.42 -1.96 0.00	49.00 -2.71 0.00	44.30 -2.91 0.00	45.84 -3.67 0.00	33.29 -2.68 0.00	31.80 -2.14 0.00	29.45 -2.15 0.00
DUNKIRK___2 23564	34.71 -1.60 0.00	36.19 -0.83 0.00	34.23 -0.53 0.00	36.69 -0.48 0.00	38.15 -0.50 0.00	45.65 -0.36 0.00	80.53 -1.73 0.00	105.36 -2.61 0.00	56.41 -1.49 0.00	32.20 -0.47 0.00	33.96 -0.15 0.00	34.75 0.05 0.00	40.52 0.11 0.00	47.31 -0.16 0.00	35.26 -0.76 0.00	33.92 -0.81 0.00	39.57 -1.49 0.00	40.42 -1.96 0.00	49.00 -2.71 0.00	44.30 -2.91 0.00	45.84 -3.67 0.00	33.29 -2.68 0.00	31.80 -2.14 0.00	29.45 -2.15 0.00
DUNKIRK___3 23565	34.73 -1.58 0.00	36.11 -0.91 0.00	34.08 -0.68 0.00	36.52 -0.65 0.00	37.95 -0.71 0.00	45.35 -0.65 0.00	79.89 -2.36 0.00	104.43 -3.54 0.00	56.03 -1.87 0.00	32.02 -0.64 0.00	33.80 -0.31 0.00	34.61 -0.09 0.00	40.36 -0.05 0.00	47.11 -0.37 0.00	35.18 -0.84 0.00	33.88 -0.85 0.00	39.51 -1.55 0.00	40.34 -2.04 0.00	48.87 -2.85 0.00	44.31 -2.90 0.00	45.96 -3.56 0.00	33.33 -2.64 0.00	31.85 -2.09 0.00	29.56 -2.04 0.00
DUNKIRK___4 23566	34.73 -1.58 0.00	36.11 -0.91 0.00	34.08 -0.68 0.00	36.52 -0.65 0.00	37.95 -0.71 0.00	45.35 -0.65 0.00	79.89 -2.36 0.00	104.43 -3.54 0.00	56.03 -1.87 0.00	32.02 -0.64 0.00	33.80 -0.31 0.00	34.61 -0.09 0.00	40.36 -0.05 0.00	47.11 -0.37 0.00	35.18 -0.84 0.00	33.88 -0.85 0.00	39.51 -1.55 0.00	40.34 -2.04 0.00	48.87 -2.85 0.00	44.31 -2.90 0.00	45.96 -3.56 0.00	33.33 -2.64 0.00	31.85 -2.09 0.00	29.56 -2.04 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.73 1.41 0.00	38.41 1.38 0.00	36.07 1.31 0.00	38.54 1.37 0.00	40.10 1.45 0.00	47.64 1.63 0.00	85.47 3.21 0.00	112.76 4.79 0.00	60.34 2.43 0.00	33.91 1.24 0.00	35.16 1.04 0.00	35.68 0.97 0.00	41.50 1.09 0.00	48.92 1.44 0.00	37.17 1.15 0.00	35.65 0.92 0.00	42.23 1.17 0.00	43.84 1.47 0.00	53.82 2.10 0.00	49.30 2.10 0.00	51.71 2.19 0.00	37.46 1.48 0.00	35.22 1.28 0.00	32.69 1.09 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	37.57 1.26 0.00	38.25 1.23 0.00	35.95 1.19 0.00	38.41 1.24 0.00	39.98 1.32 0.00	47.47 1.47 0.00	85.14 2.89 0.00	112.14 4.18 0.00	59.93 2.03 0.00	33.62 0.96 0.00	34.83 0.72 0.00	35.34 0.63 0.00	41.21 0.80 0.00	48.57 1.10 0.00	36.84 0.82 0.00	35.42 0.69 0.00	41.96 0.90 0.00	43.57 1.20 0.00	53.48 1.77 0.00	48.97 1.77 0.00	51.36 1.84 0.00	37.21 1.24 0.00	34.99 1.05 0.00	32.47 0.87 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	37.75 1.44 0.00	38.40 1.38 0.00	36.00 1.24 0.00	38.49 1.32 0.00	40.08 1.42 0.00	47.59 1.58 0.00	85.41 3.16 0.00	112.89 4.92 0.00	60.49 2.59 -0.01	33.98 1.32 0.00	35.23 1.12 0.00	35.78 1.08 0.01	41.59 1.19 0.01	49.00 1.53 0.00	37.26 1.24 0.00	35.74 1.01 0.01	42.32 1.26 0.00	43.92 1.55 0.00	53.90 2.19 0.01	49.39 2.18 0.00	51.81 2.29 -0.01	37.56 1.58 -0.01	35.31 1.38 0.00	32.74 1.13 -0.01
E179THST_13_KV_LOAD 356214	37.89 1.58 0.00	38.54 1.52 0.00	36.13 1.37 0.00	38.63 1.46 0.00	40.22 1.57 0.00	47.76 1.76 0.00	85.74 3.48 0.00	113.34 5.37 0.00	60.77 2.87 -0.01	34.14 1.48 0.00	35.40 1.29 0.00	35.93 1.24 0.01	41.78 1.38 0.01	49.24 1.77 0.00	37.42 1.41 0.00	35.90 1.17 0.01	42.51 1.45 0.00	44.13 1.76 0.00	54.15 2.44 0.01	49.62 2.41 0.00	52.06 2.53 -0.01	37.73 1.75 -0.01	35.46 1.52 0.00	32.86 1.26 -0.01
EAST HAMPTON___GT 23717	38.23 1.92 0.00	39.02 2.00 0.00	36.63 1.87 0.00	39.11 1.94 0.00	40.69 2.03 0.00	48.82 2.81 0.00	99.78 5.54 -11.99	122.18 7.52 -6.69	74.09 4.02 -12.17	66.22 0.70 -32.86	33.80 -0.31 0.00	34.02 -0.69 0.00	39.54 -0.87 0.00	108.35 -0.47 -61.35	49.82 0.41 -13.39	34.35 -0.38 0.00	40.99 -0.08 0.00	43.10 0.73 0.00	53.01 1.29 0.00	48.77 1.56 0.00	50.76 1.24 0.00	36.54 0.57 0.00	35.36 0.43 -1.00	31.57 -0.03 0.00
EAST RIVER___6 23660	37.82 1.51 0.00	38.47 1.45 0.00	36.12 1.37 0.00	38.60 1.44 0.00	40.19 1.53 0.00	47.74 1.73 0.00	85.66 3.40 0.00	113.15 5.18 0.00	60.64 2.74 0.00	34.09 1.42 0.00	35.35 1.23 0.00	35.89 1.18 0.00	41.73 1.33 0.00	49.16 1.69 0.00	37.38 1.36 0.00	35.85 1.12 0.00	42.44 1.38 0.00	44.05 1.68 0.00	54.04 2.33 0.00	49.52 2.31 0.00	51.91 2.39 0.00	37.62 1.64 0.00	35.38 1.44 0.00	32.81 1.21 0.00
EAST RIVER___7 23524	37.82 1.51 0.00	38.47 1.45 0.00	36.12 1.37 0.00	38.60 1.44 0.00	40.19 1.53 0.00	47.74 1.73 0.00	85.66 3.40 0.00	113.15 5.18 0.00	60.64 2.74 0.00	34.09 1.42 0.00	35.35 1.23 0.00	35.89 1.18 0.00	41.73 1.33 0.00	49.16 1.69 0.00	37.38 1.36 0.00	35.85 1.12 0.00	42.44 1.38 0.00	44.05 1.68 0.00	54.04 2.33 0.00	49.52 2.31 0.00	51.91 2.39 0.00	37.62 1.64 0.00	35.38 1.44 0.00	32.81 1.21 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.64 1.33 0.00	38.30 1.28 0.00	35.98 1.22 0.00	38.44 1.27 0.00	40.00 1.34 0.00	47.51 1.50 0.00	85.24 2.99 0.00	112.46 4.49 0.00	60.18 2.28 0.00	33.82 1.15 0.00	35.05 0.94 0.00	35.57 0.87 0.00	41.40 0.99 0.00	48.79 1.31 0.00	37.08 1.06 0.00	35.57 0.84 0.00	42.15 1.09 0.00	43.75 1.37 0.00	53.70 1.99 0.00	49.20 1.99 0.00	51.58 2.07 0.00	37.37 1.40 0.00	35.14 1.21 0.00	32.60 1.00 0.00
EAST_HAMPTON___DIESEL 23722	38.25 1.94 0.00	39.03 2.00 0.00	36.64 1.88 0.00	39.12 1.95 0.00	40.69 2.03 0.00	48.83 2.82 0.00	99.80 5.56 -11.99	122.19 7.53 -6.69	74.10 4.03 -12.17	66.15 0.62 -32.86	33.70 -0.42 0.00	33.90 -0.81 0.00	39.41 -1.00 0.00	108.21 -0.62 -61.35	49.75 0.34 -13.39	34.27 -0.47 0.00	40.88 -0.18 0.00	43.01 0.64 0.00	52.87 1.15 0.00	48.65 1.44 0.00	50.61 1.09 0.00	36.42 0.45 0.00	35.25 0.32 -1.00	31.48 -0.12 0.00
EAST_POINT___SOLAR 323840	38.34 2.03 0.00	39.13 2.11 0.00	36.72 1.96 0.00	39.24 2.07 0.00	40.84 2.19 0.00	48.77 2.76 0.00	87.67 5.42 0.00	114.61 6.64 0.00	60.04 2.14 0.00	32.61 -0.05 0.00	34.11 0.00 0.00	34.56 -0.14 0.00	40.50 0.09 0.00	48.27 0.80 0.00	36.98 0.96 0.00	36.54 1.80 0.00	43.69 2.63 0.00	45.37 2.99 0.00	55.60 3.89 0.00	50.73 3.53 0.00	53.18 3.66 0.00	38.58 2.60 0.00	36.29 2.35 0.00	33.63 2.03 0.00
EAST_PULASKI___ESR 323781	35.43 -0.89 0.00	36.09 -0.93 0.00	33.92 -0.84 0.00	36.50 -0.67 0.00	38.07 -0.59 0.00	45.51 -0.50 0.00	81.69 -0.56 0.00	107.24 -0.73 0.00	57.30 -0.60 0.00	32.27 -0.40 0.00	33.73 -0.38 0.00	34.23 -0.47 0.00	39.83 -0.58 0.00	47.01 -0.46 0.00	35.86 -0.16 0.00	34.60 -0.14 0.00	40.83 -0.23 0.00	42.05 -0.32 0.00	51.32 -0.40 0.00	46.80 -0.40 0.00	49.04 -0.48 0.00	35.53 -0.45 0.00	33.51 -0.43 0.00	31.20 -0.40 0.00
EAST_RIVER___1 323558	37.79 1.47 0.00	38.43 1.41 0.00	36.09 1.33 0.00	38.57 1.40 0.00	40.15 1.49 0.00	47.69 1.69 0.00	85.60 3.34 0.00	113.08 5.11 0.00	60.57 2.67 0.00	34.04 1.38 0.00	35.30 1.19 0.00	35.83 1.13 0.00	41.66 1.25 0.00	49.08 1.61 0.00	37.31 1.29 0.00	35.79 1.06 0.00	42.39 1.33 0.00	43.99 1.62 0.00	53.97 2.26 0.00	49.45 2.25 0.00	51.85 2.33 0.00	37.56 1.59 0.00	35.32 1.39 0.00	32.77 1.17 0.00
EAST_RIVER___2 323559	37.82 1.51 0.00	38.47 1.45 0.00	36.12 1.37 0.00	38.60 1.44 0.00	40.19 1.53 0.00	47.74 1.73 0.00	85.66 3.40 0.00	113.15 5.18 0.00	60.64 2.74 0.00	34.09 1.42 0.00	35.35 1.23 0.00	35.89 1.18 0.00	41.73 1.33 0.00	49.16 1.69 0.00	37.38 1.36 0.00	35.85 1.12 0.00	42.44 1.38 0.00	44.05 1.68 0.00	54.04 2.33 0.00	49.52 2.31 0.00	51.91 2.39 0.00	37.62 1.64 0.00	35.38 1.44 0.00	32.81 1.21 0.00
EAST___DELAWARE_HYD 23607	38.06 1.75 0.00	38.78 1.75 0.00	36.47 1.71 0.00	39.00 1.83 0.00	40.59 1.94 0.00	48.28 2.28 0.00	86.56 4.31 0.00	113.83 5.86 0.00	60.76 2.86 0.00	34.02 1.36 0.00	35.18 1.07 0.00	35.65 0.94 0.00	41.85 1.45 0.00	49.05 1.58 0.00	36.98 0.96 0.00	35.59 0.86 0.00	42.22 1.16 0.00	43.89 1.51 0.00	53.84 2.13 0.00	49.30 2.10 0.00	51.66 2.15 0.00	37.43 1.46 0.00	35.18 1.25 0.00	32.63 1.03 0.00
EIGHT_POINT___WT_PWR 323820	33.32 -2.99 0.00	34.38 -2.64 0.00	32.78 -1.98 0.00	35.93 -1.24 0.00	38.03 -0.62 0.00	45.70 -0.30 0.00	81.64 -0.61 0.00	106.98 -0.99 0.00	57.01 -0.89 0.00	32.47 -0.20 0.00	34.19 0.08 0.00	34.83 0.12 0.00	40.16 -0.25 0.00	46.70 -0.77 0.00	35.02 -0.99 0.00	33.63 -1.10 0.00	39.65 -1.41 0.00	40.09 -2.29 0.00	48.76 -2.96 0.00	43.97 -3.23 0.00	45.41 -4.10 0.00	32.73 -3.24 0.00	30.76 -3.18 0.00	28.79 -2.81 0.00
ELBRIDGE_115KV_TB2 80188	35.89 -0.43 0.00	36.62 -0.40 0.00	34.43 -0.32 0.00	36.83 -0.34 0.00	38.27 -0.39 0.00	45.56 -0.45 0.00	81.36 -0.89 0.00	106.88 -1.09 0.00	57.16 -0.74 0.00	32.26 -0.41 0.00	33.88 -0.23 0.00	34.59 -0.11 0.00	40.29 -0.12 0.00	47.33 -0.14 0.00	35.83 -0.20 0.00	34.57 -0.16 0.00	40.67 -0.39 0.00	41.86 -0.51 0.00	51.08 -0.64 0.00	46.62 -0.59 0.00	48.83 -0.69 0.00	35.42 -0.55 0.00	33.44 -0.50 0.00	31.15 -0.45 0.00
ELEC_TRO_TEK 24086	37.87 1.56 0.00	38.59 1.57 0.00	36.23 1.47 0.00	38.66 1.49 0.00	40.19 1.53 0.00	47.80 1.79 0.00	97.95 3.71 -11.99	120.59 5.93 -6.69	73.35 3.28 -12.17	67.22 1.70 -32.86	35.66 1.55 0.00	36.12 1.42 0.00	41.99 1.58 0.00	111.04 2.22 -61.35	51.13 1.72 -13.39	35.85 1.12 0.00	42.53 1.47 0.00	44.17 1.80 0.00	54.26 2.55 0.00	49.75 2.55 0.00	52.11 2.59 0.00	37.76 1.78 0.00	43.44 1.60 -7.90	32.95 1.34 -0.01

ELLENBURG_WT_PWR 323604	35.54 -0.78 0.00	36.31 -0.71 0.00	24.57 -0.98 9.21	-10.23 -1.03 46.37	-21.02 -0.96 58.72	-1.53 -1.10 46.44	81.02 -1.23 0.00	106.73 -1.24 0.00	57.96 0.06 0.00	33.12 0.45 0.00	34.55 0.44 0.00	35.05 0.35 0.00	40.71 0.30 0.00	47.77 0.30 0.00	36.28 0.26 0.00	35.34 0.60 0.00	42.14 1.08 0.00	43.60 1.22 0.00	53.00 1.29 0.00	48.32 1.11 0.00	50.65 1.14 0.00	36.92 0.94 0.00	34.66 0.72 0.00	32.09 0.49 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.94 -1.37 0.00	35.92 -1.10 0.00	33.68 -1.08 0.00	36.05 -1.12 0.00	37.37 -1.29 0.00	44.67 -1.34 0.00	78.11 -4.14 0.00	101.39 -6.57 0.00	54.99 -2.91 0.00	31.57 -1.09 0.00	33.43 -0.68 0.00	34.30 -0.41 0.00	39.95 -0.45 0.00	46.54 -0.93 0.00	35.01 -1.02 0.00	33.85 -0.88 0.00	39.34 -1.72 0.00	40.02 -2.36 0.00	48.38 -3.33 0.00	44.12 -3.08 0.00	46.08 -3.43 0.00	33.46 -2.51 0.00	32.04 -1.90 0.00	29.98 -1.62 0.00
EMPIRE_CC_1 323656	37.20 0.88 0.00	37.79 0.78 0.00	35.52 0.76 0.00	37.90 0.73 0.00	39.42 0.76 0.00	46.73 0.72 0.00	83.33 1.08 0.00	109.32 1.35 0.00	58.39 0.49 0.00	32.77 0.11 0.00	34.00 -0.11 0.00	34.60 -0.10 0.00	40.12 -0.29 0.00	47.09 -0.38 0.00	35.80 -0.22 0.00	34.45 -0.29 0.00	40.67 -0.39 0.00	42.22 -0.16 0.00	51.93 0.21 0.00	47.42 0.21 0.00	49.85 0.34 0.00	36.27 0.29 0.00	34.28 0.34 0.00	31.95 0.35 0.00
EMPIRE_CC_2 323658	37.20 0.88 0.00	37.79 0.78 0.00	35.52 0.76 0.00	37.90 0.73 0.00	39.42 0.76 0.00	46.73 0.72 0.00	83.33 1.08 0.00	109.32 1.35 0.00	58.39 0.49 0.00	32.77 0.11 0.00	34.00 -0.11 0.00	34.60 -0.10 0.00	40.12 -0.29 0.00	47.09 -0.38 0.00	35.80 -0.22 0.00	34.45 -0.29 0.00	40.67 -0.39 0.00	42.22 -0.16 0.00	51.93 0.21 0.00	47.42 0.21 0.00	49.85 0.34 0.00	36.27 0.29 0.00	34.28 0.34 0.00	31.95 0.35 0.00
ENORWICH_115KV_TB1 80156	36.89 0.58 0.00	37.37 0.35 0.00	35.28 0.52 0.00	37.94 0.77 0.00	39.50 0.85 0.00	47.82 1.81 0.00	87.15 4.90 0.00	115.18 7.21 0.00	61.39 3.49 0.00	34.19 1.53 0.00	35.59 1.48 0.00	36.74 2.03 0.00	43.29 2.89 0.00	50.65 3.17 0.00	38.31 2.29 0.00	36.97 2.24 0.00	43.81 2.75 0.00	45.22 2.84 0.00	55.08 3.37 0.00	50.13 2.93 0.00	51.99 2.47 0.00	37.32 1.34 0.00	35.06 1.12 0.00	32.48 0.88 0.00
ERIE_ST__34_KV_TB1-2 80199	35.19 -1.12 0.00	36.15 -0.86 0.00	33.90 -0.86 0.00	36.30 -0.87 0.00	37.60 -1.06 0.00	44.95 -1.06 0.00	78.82 -3.44 0.00	102.60 -5.37 0.00	55.59 -2.31 0.00	31.90 -0.76 0.00	33.79 -0.32 0.00	34.70 0.00 0.00	40.40 0.00 0.00	47.08 -0.39 0.00	35.36 -0.66 0.00	34.18 -0.55 0.00	39.78 -1.28 0.00	40.48 -1.90 0.00	48.92 -2.79 0.00	44.67 -2.53 0.00	46.65 -2.87 0.00	33.84 -2.14 0.00	32.33 -1.61 0.00	30.23 -1.37 0.00
ERIE_WT_PWR 323693	35.06 -1.25 0.00	36.09 -0.93 0.00	33.87 -0.89 0.00	36.27 -0.90 0.00	37.59 -1.07 0.00	44.94 -1.07 0.00	78.68 -3.58 0.00	102.19 -5.78 0.00	55.38 -2.52 0.00	31.79 -0.87 0.00	33.69 -0.42 0.00	34.56 -0.14 0.00	40.23 -0.17 0.00	46.85 -0.63 0.00	35.24 -0.78 0.00	34.10 -0.64 0.00	39.59 -1.47 0.00	40.28 -2.09 0.00	48.70 -3.01 0.00	44.42 -2.78 0.00	46.40 -3.12 0.00	33.63 -2.35 0.00	32.20 -1.74 0.00	30.13 -1.47 0.00
ESPRGFLD_115KV_TB1 80157	37.38 1.06 0.00	38.18 1.16 0.00	35.85 1.09 0.00	38.35 1.18 0.00	39.88 1.23 0.00	47.62 1.62 0.00	85.40 3.14 0.00	112.09 4.12 0.00	60.18 2.28 0.00	33.77 1.11 0.00	35.27 1.16 0.00	36.01 1.31 0.00	42.08 1.68 0.00	49.73 2.25 0.00	38.02 1.99 0.00	36.91 2.18 0.00	43.63 2.56 0.00	44.90 2.52 0.00	54.61 2.90 0.00	49.73 2.52 0.00	52.05 2.53 0.00	37.72 1.74 0.00	35.49 1.55 0.00	32.88 1.28 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.45 0.14 0.00	37.17 0.15 0.00	34.98 0.22 0.00	37.45 0.28 0.00	38.94 0.28 0.00	46.51 0.50 0.00	83.34 1.09 0.00	109.58 1.61 0.00	58.38 0.48 0.00	32.77 0.10 0.00	34.40 0.29 0.00	35.21 0.51 0.00	41.12 0.71 0.00	48.22 0.74 0.00	36.45 0.43 0.00	35.17 0.44 0.00	41.55 0.49 0.00	42.82 0.44 0.00	52.30 0.58 0.00	47.72 0.51 0.00	49.91 0.39 0.00	36.12 0.14 0.00	34.01 0.07 0.00	31.64 0.04 0.00
ETNA____115KV_TB2 80207	36.45 0.14 0.00	37.17 0.15 0.00	34.98 0.22 0.00	37.45 0.28 0.00	38.94 0.28 0.00	46.51 0.50 0.00	83.34 1.09 0.00	109.58 1.61 0.00	58.38 0.48 0.00	32.77 0.10 0.00	34.40 0.29 0.00	35.21 0.51 0.00	41.12 0.71 0.00	48.22 0.74 0.00	36.45 0.43 0.00	35.17 0.44 0.00	41.55 0.49 0.00	42.82 0.44 0.00	52.30 0.58 0.00	47.72 0.51 0.00	49.91 0.39 0.00	36.12 0.14 0.00	34.01 0.07 0.00	31.64 0.04 0.00
EUCLID__115KV_TB2 356179	35.75 -0.56 0.00	36.46 -0.56 0.00	34.28 -0.48 0.00	36.65 -0.52 0.00	38.09 -0.57 0.00	45.40 -0.61 0.00	81.06 -1.19 0.00	106.33 -1.63 0.00	56.95 -0.96 0.00	32.17 -0.49 0.00	33.78 -0.33 0.00	34.46 -0.24 0.00	40.14 -0.27 0.00	47.11 -0.36 0.00	35.71 -0.32 0.00	34.43 -0.30 0.00	40.55 -0.51 0.00	41.69 -0.68 0.00	50.85 -0.86 0.00	46.42 -0.78 0.00	48.66 -0.86 0.00	35.30 -0.67 0.00	33.34 -0.60 0.00	31.07 -0.53 0.00
E_CANADA_CAP_HY 24051	37.75 1.43 0.00	38.58 1.56 0.00	36.19 1.44 0.00	38.68 1.51 0.00	40.24 1.58 0.00	48.00 1.99 0.00	86.09 3.83 0.00	113.03 5.06 0.00	60.24 2.34 0.00	33.50 0.84 0.00	34.95 0.84 0.00	35.64 0.93 0.00	41.63 1.23 0.00	49.26 1.79 0.00	37.67 1.65 0.00	36.89 2.16 0.00	43.75 2.69 0.00	45.11 2.74 0.00	54.99 3.27 0.00	50.10 2.89 0.00	52.48 2.96 0.00	38.13 2.16 0.00	35.92 1.99 0.00	33.30 1.70 0.00
E_CANADA_MHWK_HY 24050	36.85 0.54 0.00	37.47 0.45 0.00	35.12 0.36 0.00	37.25 0.08 0.00	38.84 0.18 0.00	46.22 0.21 0.00	82.92 0.67 0.00	108.96 0.99 0.00	56.95 -0.95 0.00	31.12 -1.54 0.00	32.27 -1.83 0.00	32.66 -2.04 0.00	37.98 -2.43 0.00	44.88 -2.60 0.00	33.56 -2.46 0.00	33.57 -1.17 0.00	39.97 -1.09 0.00	41.76 -0.61 0.00	51.48 -0.24 0.00	47.04 -0.17 0.00	49.22 -0.30 0.00	35.82 -0.15 0.00	33.71 -0.23 0.00	31.29 -0.31 0.00
E_FISHKILL__LBMP 23776	37.44 1.12 0.00	38.10 1.08 0.00	35.79 1.03 0.00	38.24 1.07 0.00	39.79 1.13 0.00	47.23 1.23 0.00	84.69 2.43 0.00	111.65 3.68 0.00	59.68 1.77 0.00	33.53 0.87 0.00	34.77 0.66 0.00	35.29 0.59 0.00	41.06 0.65 0.00	48.40 0.92 0.00	36.76 0.74 0.00	35.30 0.57 0.00	41.81 0.75 0.00	43.42 1.04 0.00	53.30 1.59 0.00	48.82 1.61 0.00	51.21 1.69 0.00	37.13 1.16 0.00	34.93 0.99 0.00	32.42 0.82 0.00
FALCON___SEABRD_CC1 323796	35.99 -0.32 0.00	36.78 -0.24 0.00	25.02 -0.52 9.21	-9.74 -0.54 46.37	-20.61 -0.55 58.72	-1.22 -0.79 46.44	81.54 -0.71 0.00	106.96 -1.01 0.00	58.36 0.45 0.00	33.35 0.68 0.00	34.79 0.68 0.00	35.25 0.54 0.00	40.87 0.46 0.00	47.98 0.50 0.00	36.42 0.40 0.00	35.52 0.79 0.00	42.39 1.32 0.00	43.92 1.54 0.00	53.46 1.75 0.00	48.75 1.55 0.00	51.06 1.54 0.00	37.24 1.26 0.00	34.90 0.96 0.00	32.30 0.70 0.00

FALCON___SEABRD_CC2 323797	35.99 -0.32 0.00	36.78 -0.24 0.00	25.02 -0.52 9.21	-9.74 -0.54 46.37	-20.61 -0.55 58.72	-1.22 -0.79 46.44	81.54 -0.71 0.00	106.96 -1.01 0.00	58.36 0.45 0.00	33.35 0.68 0.00	34.79 0.68 0.00	35.25 0.54 0.00	40.87 0.46 0.00	47.98 0.50 0.00	36.42 0.40 0.00	35.52 0.79 0.00	42.39 1.32 0.00	43.92 1.54 0.00	53.46 1.75 0.00	48.75 1.55 0.00	51.06 1.54 0.00	37.24 1.26 0.00	34.90 0.96 0.00	32.30 0.70 0.00
FAR ROCKAWAY___4 23548	38.33 2.02 0.00	39.05 2.03 0.00	36.67 1.91 0.00	39.09 1.92 0.00	40.61 1.96 0.00	48.29 2.28 0.00	98.94 4.69 -11.99	121.44 6.78 -6.69	74.04 3.96 -12.17	67.58 2.06 -32.86	36.06 1.95 0.00	36.52 1.82 0.00	42.46 2.05 0.00	111.60 2.78 -61.35	51.56 2.15 -13.39	36.29 1.56 0.00	43.05 1.99 0.00	44.68 2.31 0.00	54.93 3.21 0.00	50.40 3.19 0.00	52.74 3.22 0.00	38.24 2.27 0.00	53.47 2.01 -17.52	33.34 1.72 -0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	37.79 1.47 0.00	38.44 1.42 0.00	36.09 1.33 0.00	38.57 1.40 0.00	40.15 1.49 0.00	47.70 1.69 0.00	85.60 3.34 0.00	113.08 5.11 0.00	60.57 2.67 0.00	34.05 1.38 0.00	35.30 1.19 0.00	35.83 1.13 0.00	41.66 1.25 0.00	49.08 1.61 0.00	37.32 1.29 0.00	35.80 1.07 0.00	42.39 1.33 0.00	44.00 1.62 0.00	53.97 2.26 0.00	49.45 2.25 0.00	51.86 2.34 0.00	37.57 1.60 0.00	35.33 1.40 0.00	32.78 1.18 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	37.81 1.50 0.00	38.46 1.44 0.00	36.11 1.35 0.00	38.58 1.41 0.00	40.18 1.52 0.00	47.72 1.71 0.00	85.64 3.38 0.00	113.13 5.16 0.00	60.59 2.69 0.00	34.05 1.39 0.00	35.30 1.19 0.00	35.84 1.14 0.00	41.67 1.26 0.00	49.09 1.62 0.00	37.32 1.30 0.00	35.81 1.07 0.00	42.39 1.33 0.00	44.01 1.64 0.00	53.99 2.28 0.00	49.48 2.28 0.00	51.89 2.37 0.00	37.59 1.62 0.00	35.35 1.41 0.00	32.79 1.19 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.78 1.46 0.00	38.42 1.40 0.00	36.08 1.32 0.00	38.56 1.39 0.00	40.14 1.48 0.00	47.68 1.67 0.00	85.57 3.31 0.00	113.02 5.05 0.00	60.55 2.65 0.00	34.02 1.36 0.00	35.27 1.16 0.00	35.82 1.12 0.00	41.64 1.23 0.00	49.05 1.58 0.00	37.30 1.28 0.00	35.78 1.05 0.00	42.36 1.30 0.00	43.97 1.60 0.00	53.95 2.24 0.00	49.43 2.23 0.00	51.83 2.31 0.00	37.55 1.58 0.00	35.31 1.38 0.00	32.76 1.16 0.00
FARRAGUT___LBMP 323566	37.75 1.44 0.00	38.40 1.38 0.00	36.06 1.30 0.00	38.53 1.37 0.00	40.11 1.45 0.00	47.65 1.64 0.00	85.50 3.25 0.00	112.93 4.96 0.00	60.49 2.59 0.00	33.99 1.33 0.00	35.24 1.13 0.00	35.78 1.08 0.00	41.60 1.19 0.00	49.01 1.53 0.00	37.27 1.24 0.00	35.75 1.01 0.00	42.33 1.27 0.00	43.93 1.55 0.00	53.91 2.20 0.00	49.40 2.19 0.00	51.79 2.28 0.00	37.53 1.56 0.00	35.29 1.35 0.00	32.75 1.14 0.00
FENNER___WINDPWR 24204	36.54 0.23 0.00	37.22 0.20 0.00	35.00 0.24 0.00	37.47 0.30 0.00	39.01 0.36 0.00	46.68 0.67 0.00	83.83 1.58 0.00	110.19 2.22 0.00	58.81 0.91 0.00	33.00 0.34 0.00	34.49 0.38 0.00	35.14 0.44 0.00	40.97 0.57 0.00	48.18 0.71 0.00	36.57 0.54 0.00	35.31 0.58 0.00	41.80 0.74 0.00	43.14 0.76 0.00	52.67 0.96 0.00	48.04 0.83 0.00	50.27 0.75 0.00	36.39 0.42 0.00	34.28 0.34 0.00	31.85 0.25 0.00
FIBERTEK___ENERGY 23856	36.06 -0.25 0.00	36.79 -0.23 0.00	34.58 -0.17 0.00	36.98 -0.19 0.00	38.44 -0.22 0.00	45.80 -0.21 0.00	81.85 -0.41 0.00	107.41 -0.56 0.00	57.44 -0.46 0.00	32.43 -0.24 0.00	34.06 -0.05 0.00	34.77 0.07 0.00	40.52 0.11 0.00	47.58 0.10 0.00	36.03 0.01 0.00	34.75 0.02 0.00	40.92 -0.14 0.00	42.11 -0.26 0.00	51.38 -0.33 0.00	46.90 -0.31 0.00	49.13 -0.38 0.00	35.63 -0.35 0.00	33.62 -0.31 0.00	31.32 -0.28 0.00
FITZPATRICK____ 23598	35.25 -1.07 0.00	35.94 -1.08 0.00	33.81 -0.95 0.00	36.12 -1.05 0.00	37.54 -1.12 0.00	44.71 -1.30 0.00	79.83 -2.42 0.00	104.73 -3.23 0.00	56.11 -1.79 0.00	31.73 -0.93 0.00	33.33 -0.78 0.00	33.97 -0.73 0.00	39.56 -0.85 0.00	46.44 -1.03 0.00	35.21 -0.80 0.00	33.97 -0.76 0.00	39.99 -1.07 0.00	41.10 -1.28 0.00	50.13 -1.58 0.00	45.76 -1.44 0.00	47.97 -1.55 0.00	34.83 -1.15 0.00	32.91 -1.03 0.00	30.69 -0.91 0.00
FLOWRFLD_69_KV_BK1 356044	37.67 1.35 0.00	38.45 1.43 0.00	36.09 1.33 0.00	38.50 1.33 0.00	40.01 1.35 0.00	47.77 1.76 0.00	97.90 3.66 -11.99	119.86 5.20 -6.69	73.13 3.06 -12.17	67.12 1.61 -32.86	35.33 1.22 0.00	35.66 0.95 0.00	41.38 0.97 0.00	110.59 1.77 -61.35	50.88 1.47 -13.39	35.52 0.78 0.00	42.35 1.29 0.00	44.05 1.67 0.00	54.34 2.62 0.00	49.90 2.70 0.00	52.22 2.70 0.00	37.72 1.75 0.00	36.59 1.58 -1.07	32.78 1.18 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.89 1.58 0.00	38.58 1.56 0.00	36.24 1.48 0.00	38.73 1.56 0.00	40.29 1.63 0.00	47.88 1.87 0.00	85.89 3.64 0.00	113.21 5.24 0.00	60.48 2.58 0.00	33.91 1.25 0.00	35.15 1.04 0.00	35.64 0.94 0.00	41.59 1.18 0.00	48.99 1.52 0.00	37.18 1.16 0.00	35.73 1.00 0.00	42.35 1.29 0.00	44.00 1.62 0.00	54.01 2.30 0.00	49.47 2.27 0.00	51.87 2.35 0.00	37.58 1.61 0.00	35.33 1.39 0.00	32.78 1.18 0.00
FORT ORANGE____ 23900	37.72 1.41 0.00	38.35 1.33 0.00	36.03 1.27 0.00	38.48 1.31 0.00	40.03 1.37 0.00	47.58 1.57 0.00	85.11 2.86 0.00	111.73 3.77 0.00	59.53 1.63 0.00	33.33 0.67 0.00	34.52 0.41 0.00	35.09 0.39 0.00	40.70 0.29 0.00	47.71 0.23 0.00	35.89 -0.13 0.00	34.52 -0.22 0.00	40.84 -0.22 0.00	42.41 0.03 0.00	52.13 0.42 0.00	47.66 0.45 0.00	50.03 0.51 0.00	36.36 0.38 0.00	34.32 0.38 0.00	32.06 0.46 0.00
FORT_DRUM_COGEN 23780	35.52 -0.79 0.00	36.07 -0.95 0.00	34.25 -0.92 -0.42	39.16 -0.10 -2.09	41.71 0.41 -2.65	49.12 1.02 -2.09	85.41 3.16 0.00	112.32 4.35 0.00	59.78 1.87 0.00	33.41 0.74 0.00	34.50 0.39 0.00	34.58 -0.12 0.00	40.18 -0.22 0.00	48.00 0.53 0.00	37.23 1.21 0.00	35.98 1.25 0.00	42.66 1.60 0.00	44.12 1.75 0.00	53.84 2.12 0.00	49.00 1.80 0.00	51.30 1.78 0.00	37.08 1.10 0.00	34.88 0.94 0.00	32.33 0.73 0.00
FOX_HILLS___ESR 323835	55.17 1.74 -17.12	54.38 1.71 -15.66	54.10 1.58 -17.75	54.11 1.71 -15.23	54.11 1.81 -13.64	56.11 1.99 -8.12	86.11 3.72 -0.13	117.38 5.86 -3.55	69.96 3.04 -9.02	56.30 1.55 -22.09	55.11 1.38 -19.62	51.96 1.32 -15.93	55.70 1.47 -13.82	53.08 1.88 -3.73	53.32 1.52 -15.77	55.18 1.27 -19.18	52.44 1.63 -9.74	52.24 1.92 -7.94	58.46 2.56 -4.18	89.87 2.61 -40.06	91.91 2.71 -39.68	56.01 1.90 -18.14	52.72 1.67 -17.12	51.91 1.42 -18.88
FPL FAR_ROCK_GT1 24212	38.33 2.02 0.00	39.04 2.03 0.00	36.67 1.91 0.00	39.08 1.92 0.00	40.61 1.96 0.00	48.29 2.28 0.00	98.93 4.69 -11.99	121.44 6.77 -6.69	74.04 3.97 -12.17	67.58 2.06 -32.86	36.06 1.95 0.00	36.52 1.81 0.00	42.46 2.05 0.00	111.60 2.78 -61.35	51.56 2.15 -13.39	36.28 1.55 0.00	43.05 1.98 0.00	44.69 2.31 0.00	54.93 3.22 0.00	50.40 3.19 0.00	52.74 3.22 0.00	38.25 2.27 0.00	53.47 2.01 -17.52	33.34 1.72 -0.02



FPL FAR_ROCK_GT2 23815	38.33 2.02 0.00	39.04 2.03 0.00	36.67 1.91 0.00	39.08 1.92 0.00	40.61 1.96 0.00	48.29 2.28 0.00	98.93 4.69 -11.99	121.44 6.77 -6.69	74.04 3.97 -12.17	67.58 2.06 -32.86	36.06 1.95 0.00	36.52 1.81 0.00	42.46 2.05 0.00	111.60 2.78 -61.35	51.56 2.15 -13.39	36.28 1.55 0.00	43.05 1.98 0.00	44.69 2.31 0.00	54.93 3.22 0.00	50.40 3.19 0.00	52.74 3.22 0.00	38.25 2.27 0.00	53.47 2.01 -17.52	33.34 1.72 -0.02
FRANKLIN_FALL_HYD 24054	35.93 -0.37 0.00	36.69 -0.33 0.00	40.64 -0.60 -6.49	69.27 -0.55 -32.65	79.56 -0.45 -41.35	78.26 -0.44 -32.70	82.29 0.04 0.00	108.37 0.40 0.00	58.73 0.83 0.00	33.39 0.73 0.00	34.72 0.61 0.00	35.17 0.47 0.00	40.86 0.45 0.00	47.93 0.45 0.00	36.45 0.43 0.00	35.56 0.83 0.00	42.53 1.46 0.00	44.00 1.62 0.00	53.45 1.73 0.00	48.74 1.53 0.00	51.13 1.61 0.00	37.25 1.27 0.00	34.98 1.04 0.00	32.38 0.78 0.00
FREEPORT_EQUS_GT1 23764	37.97 1.66 0.00	38.71 1.69 0.00	36.33 1.57 0.00	38.76 1.59 0.00	40.28 1.62 0.00	47.93 1.92 0.00	98.19 3.95 -11.99	120.63 5.97 -6.69	73.56 3.49 -12.17	67.32 1.80 -32.86	35.75 1.64 0.00	36.21 1.51 0.00	42.09 1.68 0.00	111.23 2.41 -61.35	51.25 1.84 -13.39	35.95 1.22 0.00	42.69 1.63 0.00	44.40 2.02 0.00	54.54 2.83 0.00	50.03 2.83 0.00	52.39 2.87 0.00	37.95 1.98 0.00	42.97 1.82 -7.21	33.13 1.52 -0.01
FREEPORT___CT2 23818	37.97 1.66 0.00	38.71 1.69 0.00	36.33 1.57 0.00	38.76 1.59 0.00	40.28 1.62 0.00	47.93 1.92 0.00	98.19 3.95 -11.99	120.63 5.97 -6.69	73.56 3.49 -12.17	67.32 1.80 -32.86	35.75 1.64 0.00	36.21 1.51 0.00	42.09 1.68 0.00	111.23 2.41 -61.35	51.25 1.84 -13.39	35.95 1.22 0.00	42.69 1.63 0.00	44.40 2.02 0.00	54.54 2.83 0.00	50.03 2.83 0.00	52.39 2.87 0.00	37.95 1.98 0.00	42.97 1.82 -7.21	33.13 1.52 -0.01
FRESHKLS_33_KV_LOAD 356253	55.16 1.73 -17.12	54.39 1.71 -15.66	54.09 1.58 -17.75	54.10 1.70 -15.23	54.09 1.80 -13.64	56.05 1.92 -8.12	85.92 3.54 -0.13	117.20 5.68 -3.55	69.83 2.91 -9.02	56.23 1.48 -22.09	55.04 1.31 -19.62	51.86 1.23 -15.93	55.59 1.36 -13.82	52.96 1.76 -3.73	53.22 1.43 -15.77	55.13 1.22 -19.18	52.42 1.61 -9.74	52.21 1.89 -7.94	58.38 2.49 -4.18	89.80 2.53 -40.06	91.85 2.65 -39.68	55.97 1.86 -18.14	52.68 1.63 -17.12	51.88 1.40 -18.88
FULTON COGEN____ 23766	35.54 -0.77 0.00	36.24 -0.78 0.00	34.09 -0.67 0.00	36.45 -0.72 0.00	37.88 -0.77 0.00	45.18 -0.83 0.00	80.72 -1.54 0.00	105.86 -2.11 0.00	56.64 -1.26 0.00	32.00 -0.66 0.00	33.58 -0.53 0.00	34.24 -0.46 0.00	39.91 -0.50 0.00	46.84 -0.63 0.00	35.52 -0.50 0.00	34.27 -0.46 0.00	40.38 -0.68 0.00	41.51 -0.87 0.00	50.64 -1.07 0.00	46.24 -0.97 0.00	48.46 -1.06 0.00	35.14 -0.83 0.00	33.18 -0.76 0.00	30.93 -0.67 0.00
FULTON___LFGE 323630	38.11 1.79 0.00	38.86 1.84 0.00	36.47 1.71 0.00	38.95 1.78 0.00	40.55 1.89 0.00	48.37 2.36 0.00	86.82 4.57 0.00	113.85 5.88 0.00	59.94 2.04 0.00	32.99 0.33 0.00	34.25 0.14 0.00	34.72 0.02 0.00	40.73 0.32 0.00	48.24 0.77 0.00	36.75 0.72 0.00	36.27 1.53 0.00	43.27 2.21 0.00	44.79 2.41 0.00	54.96 3.25 0.00	50.15 2.95 0.00	52.57 3.04 0.00	38.15 2.18 0.00	35.89 1.96 0.00	33.29 1.69 0.00
G.F.CEMENT___DRP 24184	38.37 2.06 0.00	39.09 2.07 0.00	36.70 1.94 0.00	39.17 2.00 0.00	40.75 2.09 0.00	48.65 2.64 0.00	87.74 5.49 0.00	114.92 6.95 0.00	60.79 2.89 0.00	33.93 1.26 0.00	35.23 1.12 0.00	35.59 0.88 0.00	41.31 0.90 0.00	48.70 1.23 0.00	36.95 0.92 0.00	35.93 1.20 0.00	42.88 1.81 0.00	44.57 2.19 0.00	54.84 3.12 0.00	50.06 2.86 0.00	52.53 3.01 0.00	38.07 2.10 0.00	35.89 1.95 0.00	33.29 1.69 0.00
GARDENVILLE___LBMP 24039	35.00 -1.32 0.00	35.99 -1.02 0.00	33.78 -0.98 0.00	36.16 -1.01 0.00	37.49 -1.17 0.00	44.81 -1.20 0.00	78.41 -3.84 0.00	101.87 -6.10 0.00	55.20 -2.71 0.00	31.68 -0.99 0.00	33.55 -0.56 0.00	34.42 -0.28 0.00	40.09 -0.32 0.00	46.70 -0.78 0.00	35.10 -0.92 0.00	33.94 -0.79 0.00	39.44 -1.63 0.00	40.14 -2.23 0.00	48.53 -3.18 0.00	44.26 -2.95 0.00	46.19 -3.33 0.00	33.53 -2.45 0.00	32.10 -1.84 0.00	30.01 -1.59 0.00
GARDNVLA_35_KV_LD 355827	35.17 -1.14 0.00	36.15 -0.87 0.00	33.91 -0.84 0.00	36.31 -0.86 0.00	37.63 -1.02 0.00	45.01 -1.00 0.00	78.76 -3.49 0.00	102.34 -5.63 0.00	55.51 -2.39 0.00	31.87 -0.79 0.00	33.76 -0.35 0.00	34.65 -0.06 0.00	40.36 -0.05 0.00	47.00 -0.47 0.00	35.34 -0.69 0.00	34.18 -0.56 0.00	39.70 -1.36 0.00	40.40 -1.98 0.00	48.83 -2.88 0.00	44.56 -2.64 0.00	46.52 -3.00 0.00	33.75 -2.23 0.00	32.30 -1.63 0.00	30.21 -1.39 0.00
GELCKHM___115KV_LOAD 80723	35.85 -0.46 0.00	36.57 -0.45 0.00	34.38 -0.38 0.00	36.76 -0.42 0.00	38.20 -0.46 0.00	45.52 -0.49 0.00	81.31 -0.95 0.00	106.70 -1.27 0.00	57.09 -0.81 0.00	32.25 -0.41 0.00	33.86 -0.25 0.00	34.56 -0.15 0.00	40.25 -0.16 0.00	47.25 -0.22 0.00	35.81 -0.22 0.00	34.53 -0.20 0.00	40.67 -0.39 0.00	41.83 -0.54 0.00	51.04 -0.68 0.00	46.58 -0.62 0.00	48.81 -0.71 0.00	35.41 -0.56 0.00	33.44 -0.50 0.00	31.15 -0.44 0.00
GENERAL___MILLS 23808	35.08 -1.23 0.00	36.09 -0.93 0.00	33.85 -0.91 0.00	36.24 -0.93 0.00	37.56 -1.10 0.00	44.91 -1.09 0.00	78.59 -3.66 0.00	102.10 -5.87 0.00	55.34 -2.56 0.00	31.78 -0.89 0.00	33.65 -0.46 0.00	34.54 -0.17 0.00	40.23 -0.18 0.00	46.84 -0.63 0.00	35.21 -0.81 0.00	34.06 -0.67 0.00	39.58 -1.48 0.00	40.26 -2.12 0.00	48.67 -3.04 0.00	44.41 -2.80 0.00	46.36 -3.15 0.00	33.63 -2.34 0.00	32.20 -1.74 0.00	30.12 -1.48 0.00
GE_PLASTICS___DRP 24183	37.35 1.04 0.00	37.98 0.97 0.00	35.69 0.93 0.00	38.12 0.95 0.00	39.66 1.00 0.00	47.13 1.12 0.00	84.23 1.98 0.00	110.58 2.61 0.00	59.07 1.17 0.00	33.15 0.49 0.00	34.41 0.30 0.00	34.98 0.28 0.00	40.62 0.21 0.00	47.64 0.17 0.00	35.98 -0.04 0.00	34.58 -0.15 0.00	40.91 -0.15 0.00	42.43 0.05 0.00	52.04 0.33 0.00	47.54 0.33 0.00	49.93 0.41 0.00	36.29 0.31 0.00	34.24 0.30 0.00	31.95 0.35 0.00
GILBOA___1 23756	36.96 0.65 0.00	37.63 0.61 0.00	35.37 0.61 0.00	37.78 0.61 0.00	39.30 0.64 0.00	46.70 0.69 0.00	83.33 1.07 0.00	109.33 1.37 0.00	58.66 0.76 0.00	33.03 0.37 0.00	34.36 0.24 0.00	34.92 0.21 0.00	40.63 0.23 0.00	47.78 0.31 0.00	36.25 0.23 0.00	34.88 0.15 0.00	41.26 0.20 0.00	42.74 0.36 0.00	52.28 0.57 0.00	47.69 0.49 0.00	50.17 0.65 0.00	36.47 0.50 0.00	34.36 0.42 0.00	31.96 0.36 0.00
GILBOA___2 23757	36.96 0.65 0.00	37.63 0.61 0.00	35.37 0.61 0.00	37.78 0.61 0.00	39.30 0.64 0.00	46.70 0.69 0.00	83.33 1.07 0.00	109.33 1.37 0.00	58.66 0.76 0.00	33.03 0.37 0.00	34.36 0.24 0.00	34.92 0.21 0.00	40.63 0.23 0.00	47.78 0.31 0.00	36.25 0.23 0.00	34.88 0.15 0.00	41.26 0.20 0.00	42.74 0.36 0.00	52.28 0.57 0.00	47.69 0.49 0.00	50.17 0.65 0.00	36.47 0.50 0.00	34.36 0.42 0.00	31.96 0.36 0.00

GILBOA___3 23758	36.96 0.65 0.00	37.63 0.61 0.00	35.37 0.61 0.00	37.78 0.61 0.00	39.30 0.64 0.00	46.70 0.69 0.00	83.33 1.07 0.00	109.33 1.37 0.00	58.66 0.76 0.00	33.03 0.37 0.00	34.36 0.24 0.00	34.92 0.21 0.00	40.63 0.23 0.00	47.78 0.31 0.00	36.25 0.23 0.00	34.88 0.15 0.00	41.26 0.20 0.00	42.74 0.36 0.00	52.28 0.57 0.00	47.69 0.49 0.00	50.17 0.65 0.00	36.47 0.50 0.00	34.36 0.42 0.00	31.96 0.36 0.00
GILBOA___4 23759	36.96 0.65 0.00	37.63 0.61 0.00	35.37 0.61 0.00	37.78 0.61 0.00	39.30 0.64 0.00	46.70 0.69 0.00	83.33 1.07 0.00	109.33 1.37 0.00	58.66 0.76 0.00	33.03 0.37 0.00	34.36 0.24 0.00	34.92 0.21 0.00	40.63 0.23 0.00	47.78 0.31 0.00	36.25 0.23 0.00	34.88 0.15 0.00	41.26 0.20 0.00	42.74 0.36 0.00	52.28 0.57 0.00	47.69 0.49 0.00	50.17 0.65 0.00	36.47 0.50 0.00	34.36 0.42 0.00	31.96 0.36 0.00
GILBOA___ 23599	36.96 0.65 0.00	37.63 0.61 0.00	35.37 0.61 0.00	37.78 0.62 0.00	39.30 0.64 0.00	46.70 0.69 0.00	83.33 1.07 0.00	109.33 1.37 0.00	58.66 0.76 0.00	33.03 0.37 0.00	34.36 0.24 0.00	34.92 0.21 0.00	40.63 0.23 0.00	47.78 0.31 0.00	36.25 0.23 0.00	34.88 0.15 0.00	41.26 0.20 0.00	42.73 0.36 0.00	52.28 0.57 0.00	47.69 0.48 0.00	50.17 0.65 0.00	36.47 0.50 0.00	34.36 0.42 0.00	31.96 0.36 0.00
GINNA___ 23603	34.19 -2.12 0.00	34.93 -2.09 0.00	32.76 -2.00 0.00	35.04 -2.13 0.00	36.42 -2.24 0.00	43.54 -2.47 0.00	77.21 -5.05 0.00	100.80 -7.16 0.00	54.30 -3.60 0.00	30.86 -1.80 0.00	32.52 -1.59 0.00	33.27 -1.43 0.00	38.74 -1.66 0.00	45.24 -2.23 0.00	34.20 -1.82 0.00	33.10 -1.63 0.00	38.79 -2.27 0.00	39.69 -2.69 0.00	48.23 -3.49 0.00	44.04 -3.16 0.00	46.09 -3.43 0.00	33.42 -2.55 0.00	31.68 -2.25 0.00	29.57 -2.03 0.00
GLEN PARK___ 23778	35.71 -0.60 0.00	36.26 -0.76 0.00	34.41 -0.74 -0.39	39.23 0.08 -1.98	41.75 0.58 -2.51	49.24 1.24 -1.99	85.83 3.57 0.00	112.87 4.90 0.00	60.03 2.13 0.00	33.52 0.85 0.00	34.59 0.48 0.00	34.62 -0.09 0.00	40.21 -0.20 0.00	48.11 0.64 0.00	37.38 1.36 0.00	36.09 1.35 0.00	42.81 1.75 0.00	44.32 1.94 0.00	54.08 2.37 0.00	49.21 2.01 0.00	51.51 1.99 0.00	37.22 1.25 0.00	35.00 1.06 0.00	32.44 0.84 0.00
GLENDALE_27_KV_LOAD 356172	38.04 1.73 0.00	38.69 1.68 0.00	36.31 1.55 0.00	38.81 1.64 0.00	40.40 1.75 0.00	48.03 2.00 -0.01	86.17 3.92 0.00	113.91 5.94 0.00	65.14 3.14 -4.10	37.16 1.65 -2.85	36.55 1.46 -0.97	36.91 1.42 -0.79	46.16 1.59 -4.16	51.34 2.00 -1.87	38.73 1.58 -1.12	36.92 1.35 -0.83	42.75 1.66 -0.03	44.34 1.96 -0.01	57.94 2.69 -3.53	50.84 2.66 -0.98	54.04 2.76 -1.77	37.89 1.91 -0.01	35.61 1.67 0.00	33.02 1.41 -0.01
GLENWOOD_IC_1_G5 23712	38.05 1.73 0.00	38.77 1.76 0.00	36.40 1.64 0.00	38.86 1.69 0.00	40.39 1.73 0.00	48.06 2.05 0.00	98.44 4.20 -11.99	121.28 6.61 -6.69	73.71 3.63 -12.17	67.44 1.92 -32.86	35.87 1.75 0.00	36.33 1.63 0.00	42.23 1.83 0.00	111.38 2.56 -61.35	51.35 1.94 -13.39	36.06 1.33 0.00	42.79 1.73 0.00	44.43 2.06 0.00	54.60 2.89 0.00	50.05 2.84 0.00	52.41 2.89 0.00	37.96 1.98 0.00	40.58 1.81 -4.84	33.11 1.50 0.00
GLENWOOD_IC_2_G1 23688	37.97 1.65 0.00	38.69 1.67 0.00	36.32 1.56 0.00	38.76 1.59 0.00	40.31 1.65 0.00	47.95 1.94 0.00	98.20 3.96 -11.99	120.91 6.24 -6.69	73.51 3.44 -12.17	67.32 1.80 -32.86	35.75 1.64 0.00	36.21 1.51 0.00	42.11 1.70 0.00	111.18 2.36 -61.35	51.22 1.82 -13.39	35.95 1.22 0.00	42.66 1.60 0.00	44.30 1.93 0.00	54.44 2.72 0.00	49.90 2.69 0.00	52.26 2.74 0.00	37.85 1.88 0.00	37.77 1.70 -2.14	33.01 1.41 0.00
GLENWOOD_IC_3_G1 23689	37.97 1.65 0.00	38.69 1.67 0.00	36.32 1.56 0.00	38.76 1.59 0.00	40.31 1.65 0.00	47.95 1.94 0.00	98.20 3.96 -11.99	120.91 6.24 -6.69	73.51 3.44 -12.17	67.32 1.80 -32.86	35.75 1.64 0.00	36.21 1.51 0.00	42.11 1.70 0.00	111.18 2.36 -61.35	51.22 1.82 -13.39	35.95 1.22 0.00	42.66 1.60 0.00	44.30 1.93 0.00	54.44 2.72 0.00	49.90 2.69 0.00	52.26 2.74 0.00	37.85 1.88 0.00	37.77 1.70 -2.14	33.01 1.41 0.00
GLENWOOD___4 23550	38.05 1.73 0.00	38.77 1.76 0.00	36.40 1.64 0.00	38.86 1.69 0.00	40.39 1.73 0.00	48.06 2.05 0.00	98.44 4.20 -11.99	121.28 6.61 -6.69	73.71 3.63 -12.17	67.44 1.92 -32.86	35.87 1.75 0.00	36.33 1.63 0.00	42.23 1.83 0.00	111.38 2.56 -61.35	51.35 1.94 -13.39	36.06 1.33 0.00	42.79 1.73 0.00	44.43 2.06 0.00	54.60 2.89 0.00	50.05 2.84 0.00	52.41 2.89 0.00	37.96 1.98 0.00	40.58 1.81 -4.84	33.11 1.50 0.00
GLENWOOD___5 23614	38.05 1.73 0.00	38.77 1.76 0.00	36.40 1.64 0.00	38.86 1.69 0.00	40.39 1.73 0.00	48.06 2.05 0.00	98.44 4.20 -11.99	121.28 6.61 -6.69	73.71 3.63 -12.17	67.44 1.92 -32.86	35.87 1.75 0.00	36.33 1.63 0.00	42.23 1.83 0.00	111.38 2.56 -61.35	51.35 1.94 -13.39	36.06 1.33 0.00	42.79 1.73 0.00	44.43 2.06 0.00	54.60 2.89 0.00	50.05 2.84 0.00	52.41 2.89 0.00	37.96 1.98 0.00	40.58 1.81 -4.84	33.11 1.50 0.00
GLOBAL GREEN_PORT_GT1 23814	38.19 1.87 0.00	38.96 1.94 0.00	36.58 1.82 0.00	39.06 1.89 0.00	40.62 1.96 0.00	48.74 2.73 0.00	99.65 5.41 -11.99	122.03 7.37 -6.69	74.01 3.94 -12.17	66.54 1.02 -32.86	34.27 0.16 0.00	34.48 -0.22 0.00	40.07 -0.34 0.00	108.97 0.15 -61.35	50.16 0.75 -13.39	34.69 -0.04 0.00	41.42 0.36 0.00	43.45 1.08 0.00	53.56 1.84 0.00	49.29 2.08 0.00	51.37 1.85 0.00	36.98 1.00 0.00	35.78 0.85 -1.00	31.96 0.36 0.00
GLOBE___DSASP 323697	34.20 -2.11 0.00	35.06 -1.96 0.00	32.82 -1.94 0.00	35.11 -2.06 0.00	36.37 -2.28 0.00	43.45 -2.56 0.00	75.64 -6.61 0.00	97.79 -10.18 0.00	53.18 -4.72 0.00	30.60 -2.06 0.00	32.43 -1.68 0.00	33.30 -1.40 0.00	38.82 -1.58 0.00	45.18 -2.30 0.00	34.05 -1.97 0.00	32.97 -1.76 0.00	38.25 -2.81 0.00	38.85 -3.53 0.00	46.95 -4.77 0.00	42.83 -4.37 0.00	44.81 -4.71 0.00	32.63 -3.35 0.00	31.30 -2.64 0.00	29.35 -2.25 0.00
GOETHSLN___LBMP 323567	37.57 1.25 0.00	38.21 1.19 0.00	35.89 1.14 0.00	38.35 1.18 0.00	39.93 1.27 0.00	47.40 1.39 0.00	85.03 2.78 0.00	112.27 4.30 0.00	60.10 2.20 0.00	33.77 1.11 0.00	35.01 0.90 0.00	35.55 0.84 0.00	41.33 0.93 0.00	48.68 1.21 0.00	37.05 1.03 0.00	35.55 0.82 0.00	42.09 1.03 0.00	43.69 1.31 0.00	53.61 1.90 0.00	49.15 1.94 0.00	51.53 2.01 0.00	37.32 1.34 0.00	35.09 1.16 0.00	32.56 0.96 0.00
GOLAH___69_KV_TB 1_2 80279	35.81 -0.50 0.00	36.62 -0.40 0.00	34.32 -0.44 0.00	36.77 -0.40 0.00	38.16 -0.50 0.00	45.59 -0.42 0.00	80.53 -1.72 0.00	104.98 -2.99 0.00	56.61 -1.29 0.00	32.26 -0.40 0.00	34.09 -0.02 0.00	34.92 0.21 0.00	40.55 0.14 0.00	47.23 -0.25 0.00	35.68 -0.34 0.00	34.61 -0.13 0.00	40.47 -0.59 0.00	41.36 -1.02 0.00	50.18 -1.54 0.00	45.84 -1.36 0.00	47.95 -1.57 0.00	34.79 -1.19 0.00	33.10 -0.84 0.00	30.89 -0.71 0.00

GOODYEAR_LAKE_HYD 323669	37.20 0.89 0.00	37.93 0.91 0.00	35.63 0.88 0.00	38.12 0.95 0.00	39.65 0.99 0.00	47.28 1.27 0.00	84.66 2.40 0.00	111.35 3.38 0.00	59.88 1.98 0.00	33.68 1.02 0.00	35.09 0.98 0.00	35.79 1.09 0.00	41.79 1.39 0.00	49.28 1.81 0.00	37.54 1.52 0.00	36.22 1.49 0.00	42.70 1.64 0.00	44.05 1.67 0.00	53.71 2.00 0.00	48.96 1.76 0.00	51.31 1.79 0.00	37.18 1.21 0.00	34.98 1.05 0.00	32.46 0.86 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	35.98 -0.33 0.00	36.73 -0.28 0.00	34.57 -0.19 0.00	37.03 -0.14 0.00	38.45 -0.20 0.00	45.85 -0.16 0.00	81.83 -0.43 0.00	107.55 -0.42 0.00	57.42 -0.48 0.00	32.47 -0.19 0.00	34.07 -0.04 0.00	34.78 0.08 0.00	40.53 0.12 0.00	47.58 0.11 0.00	35.92 -0.10 0.00	34.58 -0.15 0.00	40.80 -0.26 0.00	42.04 -0.34 0.00	51.27 -0.44 0.00	46.78 -0.43 0.00	48.96 -0.56 0.00	35.48 -0.49 0.00	33.42 -0.52 0.00	31.12 -0.48 0.00
GOUDEY___7 23579	35.98 -0.33 0.00	36.73 -0.28 0.00	34.57 -0.19 0.00	37.03 -0.14 0.00	38.45 -0.20 0.00	45.85 -0.16 0.00	81.83 -0.43 0.00	107.55 -0.42 0.00	57.42 -0.48 0.00	32.47 -0.19 0.00	34.07 -0.04 0.00	34.78 0.08 0.00	40.53 0.12 0.00	47.58 0.11 0.00	35.92 -0.10 0.00	34.58 -0.15 0.00	40.80 -0.26 0.00	42.04 -0.34 0.00	51.27 -0.44 0.00	46.78 -0.43 0.00	48.96 -0.56 0.00	35.48 -0.49 0.00	33.42 -0.52 0.00	31.12 -0.48 0.00
GOUDEY___8 23580	35.98 -0.33 0.00	36.73 -0.28 0.00	34.57 -0.19 0.00	37.03 -0.14 0.00	38.45 -0.20 0.00	45.85 -0.16 0.00	81.83 -0.43 0.00	107.55 -0.42 0.00	57.42 -0.48 0.00	32.47 -0.19 0.00	34.07 -0.04 0.00	34.78 0.08 0.00	40.53 0.12 0.00	47.58 0.11 0.00	35.92 -0.10 0.00	34.58 -0.15 0.00	40.80 -0.26 0.00	42.04 -0.34 0.00	51.27 -0.44 0.00	46.78 -0.43 0.00	48.96 -0.56 0.00	35.48 -0.49 0.00	33.42 -0.52 0.00	31.12 -0.48 0.00
GOWANUS_GT1_1 24077	55.21 1.78 -17.12	54.42 1.74 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.15 3.23 -9.02	56.42 1.67 -22.09	55.22 1.49 -19.62	52.07 1.43 -15.93	59.32 1.62 -17.29	53.92 2.04 -4.41	53.42 1.62 -15.77	55.30 1.38 -19.18	52.55 1.74 -9.74	52.36 2.04 -7.94	61.95 2.74 -7.50	89.99 2.73 -40.06	92.04 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.97 1.49 -18.88
GOWANUS_GT1_2 24078	55.21 1.78 -17.12	54.42 1.74 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.15 3.23 -9.02	56.42 1.67 -22.09	55.22 1.49 -19.62	52.07 1.43 -15.93	59.32 1.62 -17.29	53.92 2.04 -4.41	53.42 1.62 -15.77	55.30 1.38 -19.18	52.55 1.74 -9.74	52.36 2.04 -7.94	61.95 2.74 -7.50	89.99 2.73 -40.06	92.04 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.97 1.49 -18.88
GOWANUS_GT1_3 24079	55.21 1.78 -17.12	54.42 1.74 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.15 3.23 -9.02	56.42 1.67 -22.09	55.22 1.49 -19.62	52.07 1.43 -15.93	59.32 1.62 -17.29	53.92 2.04 -4.41	53.42 1.62 -15.77	55.30 1.38 -19.18	52.55 1.74 -9.74	52.36 2.04 -7.94	61.95 2.74 -7.50	89.99 2.73 -40.06	92.04 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.97 1.49 -18.88
GOWANUS_GT1_4 24080	55.21 1.78 -17.12	54.42 1.74 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.15 3.23 -9.02	56.42 1.67 -22.09	55.22 1.49 -19.62	52.07 1.43 -15.93	59.32 1.62 -17.29	53.92 2.04 -4.41	53.42 1.62 -15.77	55.30 1.38 -19.18	52.55 1.74 -9.74	52.36 2.04 -7.94	61.95 2.74 -7.50	89.99 2.73 -40.06	92.04 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.97 1.49 -18.88
GOWANUS_GT1_5 24084	55.21 1.78 -17.12	54.42 1.74 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.15 3.23 -9.02	56.42 1.67 -22.09	55.22 1.49 -19.62	52.07 1.43 -15.93	59.32 1.62 -17.29	53.92 2.04 -4.41	53.42 1.62 -15.77	55.30 1.38 -19.18	52.55 1.74 -9.74	52.36 2.04 -7.94	61.95 2.74 -7.50	89.99 2.73 -40.06	92.04 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.97 1.49 -18.88
GOWANUS_GT1_6 24111	55.21 1.78 -17.12	54.42 1.74 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.15 3.23 -9.02	56.42 1.67 -22.09	55.22 1.49 -19.62	52.07 1.43 -15.93	59.32 1.62 -17.29	53.92 2.04 -4.41	53.42 1.62 -15.77	55.30 1.38 -19.18	52.55 1.74 -9.74	52.36 2.04 -7.94	61.95 2.74 -7.50	89.99 2.73 -40.06	92.04 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.97 1.49 -18.88
GOWANUS_GT1_7 24112	55.21 1.78 -17.12	54.42 1.74 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.15 3.23 -9.02	56.42 1.67 -22.09	55.22 1.49 -19.62	52.07 1.43 -15.93	59.32 1.62 -17.29	53.92 2.04 -4.41	53.42 1.62 -15.77	55.30 1.38 -19.18	52.55 1.74 -9.74	52.36 2.04 -7.94	61.95 2.74 -7.50	89.99 2.73 -40.06	92.04 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.97 1.49 -18.88
GOWANUS_GT1_8 24113	55.21 1.78 -17.12	54.42 1.74 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.15 3.23 -9.02	56.42 1.67 -22.09	55.22 1.49 -19.62	52.07 1.43 -15.93	59.32 1.62 -17.29	53.92 2.04 -4.41	53.42 1.62 -15.77	55.30 1.38 -19.18	52.55 1.74 -9.74	52.36 2.04 -7.94	61.95 2.74 -7.50	89.99 2.73 -40.06	92.04 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.97 1.49 -18.88
GOWANUS_GT2_1 24114	55.22 1.79 -17.12	54.43 1.75 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.14 3.22 -9.02	56.41 1.67 -22.09	55.22 1.49 -19.62	52.08 1.44 -15.93	59.33 1.63 -17.29	53.92 2.04 -4.41	53.43 1.63 -15.77	55.30 1.39 -19.18	52.55 1.74 -9.74	52.38 2.05 -7.94	61.95 2.74 -7.50	90.00 2.74 -40.06	92.04 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.96 1.48 -18.88
GOWANUS_GT2_2 24115	55.22 1.79 -17.12	54.43 1.75 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.14 3.22 -9.02	56.41 1.67 -22.09	55.22 1.49 -19.62	52.08 1.44 -15.93	59.33 1.63 -17.29	53.92 2.04 -4.41	53.43 1.63 -15.77	55.30 1.39 -19.18	52.55 1.74 -9.74	52.38 2.05 -7.94	61.95 2.74 -7.50	90.00 2.74 -40.06	92.04 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.96 1.48 -18.88
GOWANUS_GT2_3 24116	55.22 1.79 -17.12	54.43 1.75 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.14 3.22 -9.02	56.41 1.67 -22.09	55.22 1.49 -19.62	52.08 1.44 -15.93	59.33 1.63 -17.29	53.92 2.04 -4.41	53.43 1.63 -15.77	55.30 1.39 -19.18	52.55 1.74 -9.74	52.38 2.05 -7.94	61.95 2.74 -7.50	90.00 2.74 -40.06	92.04 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.96 1.48 -18.88

GOWANUS_GT2_4 24117	55.22 1.79 -17.12	54.43 1.75 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.14 3.22 -9.02	56.41 1.67 -22.09	55.22 1.49 -19.62	52.08 1.44 -15.93	59.33 1.63 -17.29	53.92 2.04 -4.41	53.43 1.63 -15.77	55.30 1.39 -19.18	52.55 1.74 -9.74	52.38 2.05 -7.94	61.95 2.74 -7.50	90.00 2.74 -40.06	92.04 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.96 1.48 -18.88
GOWANUS_GT2_5 24118	55.22 1.79 -17.12	54.43 1.75 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.14 3.22 -9.02	56.41 1.67 -22.09	55.22 1.49 -19.62	52.08 1.44 -15.93	59.33 1.63 -17.29	53.92 2.04 -4.41	53.43 1.63 -15.77	55.30 1.39 -19.18	52.55 1.74 -9.74	52.38 2.05 -7.94	61.95 2.74 -7.50	90.00 2.74 -40.06	92.04 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.96 1.48 -18.88
GOWANUS_GT2_6 24119	55.22 1.79 -17.12	54.43 1.75 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.14 3.22 -9.02	56.41 1.67 -22.09	55.22 1.49 -19.62	52.08 1.44 -15.93	59.33 1.63 -17.29	53.92 2.04 -4.41	53.43 1.63 -15.77	55.30 1.39 -19.18	52.55 1.74 -9.74	52.38 2.05 -7.94	61.95 2.74 -7.50	90.00 2.74 -40.06	92.04 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.96 1.48 -18.88
GOWANUS_GT2_7 24120	55.22 1.79 -17.12	54.43 1.75 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.14 3.22 -9.02	56.41 1.67 -22.09	55.22 1.49 -19.62	52.08 1.44 -15.93	59.33 1.63 -17.29	53.92 2.04 -4.41	53.43 1.63 -15.77	55.30 1.39 -19.18	52.55 1.74 -9.74	52.38 2.05 -7.94	61.95 2.74 -7.50	90.00 2.74 -40.06	92.04 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.96 1.48 -18.88
GOWANUS_GT2_8 24121	55.22 1.79 -17.12	54.43 1.75 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.14 3.22 -9.02	56.41 1.67 -22.09	55.22 1.49 -19.62	52.08 1.44 -15.93	59.33 1.63 -17.29	53.92 2.04 -4.41	53.43 1.63 -15.77	55.30 1.39 -19.18	52.55 1.74 -9.74	52.38 2.05 -7.94	61.95 2.74 -7.50	90.00 2.74 -40.06	92.04 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.96 1.48 -18.88
GOWANUS_GT3_1 24122	55.21 1.78 -17.12	54.42 1.74 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.14 3.22 -9.02	56.41 1.67 -22.09	55.22 1.49 -19.62	52.07 1.43 -15.93	59.31 1.62 -17.29	53.92 2.03 -4.41	53.42 1.63 -15.77	55.30 1.38 -19.18	52.55 1.74 -9.74	52.36 2.04 -7.94	61.95 2.74 -7.50	89.99 2.73 -40.06	92.04 2.85 -39.68	56.09 1.98 -18.14	52.80 1.75 -17.12	51.96 1.48 -18.88
GOWANUS_GT3_2 24123	55.21 1.78 -17.12	54.42 1.74 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.14 3.22 -9.02	56.41 1.67 -22.09	55.22 1.49 -19.62	52.07 1.43 -15.93	59.31 1.62 -17.29	53.92 2.03 -4.41	53.42 1.63 -15.77	55.30 1.38 -19.18	52.55 1.74 -9.74	52.36 2.04 -7.94	61.95 2.74 -7.50	89.99 2.73 -40.06	92.04 2.85 -39.68	56.09 1.98 -18.14	52.80 1.75 -17.12	51.96 1.48 -18.88
GOWANUS_GT3_3 24124	55.21 1.78 -17.12	54.42 1.74 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.14 3.22 -9.02	56.41 1.67 -22.09	55.22 1.49 -19.62	52.07 1.43 -15.93	59.31 1.62 -17.29	53.92 2.03 -4.41	53.42 1.63 -15.77	55.30 1.38 -19.18	52.55 1.74 -9.74	52.36 2.04 -7.94	61.95 2.74 -7.50	89.99 2.73 -40.06	92.04 2.85 -39.68	56.09 1.98 -18.14	52.80 1.75 -17.12	51.96 1.48 -18.88
GOWANUS_GT3_4 24125	55.21 1.78 -17.12	54.42 1.74 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.14 3.22 -9.02	56.41 1.67 -22.09	55.22 1.49 -19.62	52.07 1.43 -15.93	59.31 1.62 -17.29	53.92 2.03 -4.41	53.42 1.63 -15.77	55.30 1.38 -19.18	52.55 1.74 -9.74	52.36 2.04 -7.94	61.95 2.74 -7.50	89.99 2.73 -40.06	92.04 2.85 -39.68	56.09 1.98 -18.14	52.80 1.75 -17.12	51.96 1.48 -18.88
GOWANUS_GT3_5 24126	55.21 1.78 -17.12	54.42 1.74 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.14 3.22 -9.02	56.41 1.67 -22.09	55.22 1.49 -19.62	52.07 1.43 -15.93	59.31 1.62 -17.29	53.92 2.03 -4.41	53.42 1.63 -15.77	55.30 1.38 -19.18	52.55 1.74 -9.74	52.36 2.04 -7.94	61.95 2.74 -7.50	89.99 2.73 -40.06	92.04 2.85 -39.68	56.09 1.98 -18.14	52.80 1.75 -17.12	51.96 1.48 -18.88
GOWANUS_GT3_6 24127	55.21 1.78 -17.12	54.42 1.74 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.14 3.22 -9.02	56.41 1.67 -22.09	55.22 1.49 -19.62	52.07 1.43 -15.93	59.31 1.62 -17.29	53.92 2.03 -4.41	53.42 1.63 -15.77	55.30 1.38 -19.18	52.55 1.74 -9.74	52.36 2.04 -7.94	61.95 2.74 -7.50	89.99 2.73 -40.06	92.04 2.85 -39.68	56.09 1.98 -18.14	52.80 1.75 -17.12	51.96 1.48 -18.88
GOWANUS_GT3_7 24128	55.21 1.78 -17.12	54.42 1.74 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.14 3.22 -9.02	56.41 1.67 -22.09	55.22 1.49 -19.62	52.07 1.43 -15.93	59.31 1.62 -17.29	53.92 2.03 -4.41	53.42 1.63 -15.77	55.30 1.38 -19.18	52.55 1.74 -9.74	52.36 2.04 -7.94	61.95 2.74 -7.50	89.99 2.73 -40.06	92.04 2.85 -39.68	56.09 1.98 -18.14	52.80 1.75 -17.12	51.96 1.48 -18.88
GOWANUS_GT3_8 24129	55.21 1.78 -17.12	54.42 1.74 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.14 3.22 -9.02	56.41 1.67 -22.09	55.22 1.49 -19.62	52.07 1.43 -15.93	59.31 1.62 -17.29	53.92 2.03 -4.41	53.42 1.63 -15.77	55.30 1.38 -19.18	52.55 1.74 -9.74	52.36 2.04 -7.94	61.95 2.74 -7.50	89.99 2.73 -40.06	92.04 2.85 -39.68	56.09 1.98 -18.14	52.80 1.75 -17.12	51.96 1.48 -18.88
GOWANUS_GT4_1 24130	55.22 1.79 -17.12	54.43 1.75 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.15 3.23 -9.02	56.42 1.67 -22.09	55.22 1.49 -19.62	52.08 1.44 -15.93	59.33 1.63 -17.29	53.92 2.04 -4.41	53.43 1.63 -15.77	55.30 1.39 -19.18	52.55 1.74 -9.74	52.37 2.05 -7.94	61.95 2.74 -7.50	90.00 2.74 -40.06	92.05 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.97 1.49 -18.88
GOWANUS_GT4_2 24131	55.22 1.79 -17.12	54.43 1.75 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.15 3.23 -9.02	56.42 1.67 -22.09	55.22 1.49 -19.62	52.08 1.44 -15.93	59.33 1.63 -17.29	53.92 2.04 -4.41	53.43 1.63 -15.77	55.30 1.39 -19.18	52.55 1.74 -9.74	52.37 2.05 -7.94	61.95 2.74 -7.50	90.00 2.74 -40.06	92.05 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.97 1.49 -18.88

GOWANUS_GT4_3 24132	55.22 1.79 -17.12	54.43 1.75 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.15 3.23 -9.02	56.42 1.67 -22.09	55.22 1.49 -19.62	52.08 1.44 -15.93	59.33 1.63 -17.29	53.92 2.04 -4.41	53.43 1.63 -15.77	55.30 1.39 -19.18	52.55 1.74 -9.74	52.37 2.05 -7.94	61.95 2.74 -7.50	90.00 2.74 -40.06	92.05 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.97 1.49 -18.88
GOWANUS_GT4_4 24133	55.22 1.79 -17.12	54.43 1.75 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.15 3.23 -9.02	56.42 1.67 -22.09	55.22 1.49 -19.62	52.08 1.44 -15.93	59.33 1.63 -17.29	53.92 2.04 -4.41	53.43 1.63 -15.77	55.30 1.39 -19.18	52.55 1.74 -9.74	52.37 2.05 -7.94	61.95 2.74 -7.50	90.00 2.74 -40.06	92.05 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.97 1.49 -18.88
GOWANUS_GT4_5 24134	55.22 1.79 -17.12	54.43 1.75 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.15 3.23 -9.02	56.42 1.67 -22.09	55.22 1.49 -19.62	52.08 1.44 -15.93	59.33 1.63 -17.29	53.92 2.04 -4.41	53.43 1.63 -15.77	55.30 1.39 -19.18	52.55 1.74 -9.74	52.37 2.05 -7.94	61.95 2.74 -7.50	90.00 2.74 -40.06	92.05 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.97 1.49 -18.88
GOWANUS_GT4_6 24135	55.22 1.79 -17.12	54.43 1.75 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.15 3.23 -9.02	56.42 1.67 -22.09	55.22 1.49 -19.62	52.08 1.44 -15.93	59.33 1.63 -17.29	53.92 2.04 -4.41	53.43 1.63 -15.77	55.30 1.39 -19.18	52.55 1.74 -9.74	52.37 2.05 -7.94	61.95 2.74 -7.50	90.00 2.74 -40.06	92.05 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.97 1.49 -18.88
GOWANUS_GT4_7 24136	55.22 1.79 -17.12	54.43 1.75 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.15 3.23 -9.02	56.42 1.67 -22.09	55.22 1.49 -19.62	52.08 1.44 -15.93	59.33 1.63 -17.29	53.92 2.04 -4.41	53.43 1.63 -15.77	55.30 1.39 -19.18	52.55 1.74 -9.74	52.37 2.05 -7.94	61.95 2.74 -7.50	90.00 2.74 -40.06	92.05 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.97 1.49 -18.88
GOWANUS_GT4_8 24137	55.22 1.79 -17.12	54.43 1.75 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.15 3.23 -9.02	56.42 1.67 -22.09	55.22 1.49 -19.62	52.08 1.44 -15.93	59.33 1.63 -17.29	53.92 2.04 -4.41	53.43 1.63 -15.77	55.30 1.39 -19.18	52.55 1.74 -9.74	52.37 2.05 -7.94	61.95 2.74 -7.50	90.00 2.74 -40.06	92.05 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.97 1.49 -18.88
GREENBSH_115KV_TB3 55895	37.52 1.21 0.00	38.16 1.14 0.00	35.85 1.09 0.00	38.28 1.11 0.00	39.83 1.17 0.00	47.31 1.31 0.00	84.59 2.33 0.00	111.04 3.07 0.00	59.24 1.34 0.00	33.23 0.57 0.00	34.48 0.36 0.00	35.04 0.33 0.00	40.64 0.24 0.00	47.56 0.09 0.00	35.83 -0.19 0.00	34.39 -0.34 0.00	40.67 -0.39 0.00	42.20 -0.17 0.00	51.79 0.08 0.00	47.32 0.12 0.00	49.70 0.18 0.00	36.12 0.15 0.00	34.11 0.18 0.00	31.90 0.30 0.00
GREENDGE_115KV_TB5 80291	35.57 -0.74 0.00	36.41 -0.60 0.00	34.33 -0.43 0.00	36.90 -0.27 0.00	38.45 -0.21 0.00	45.97 -0.04 0.00	81.83 -0.43 0.00	107.32 -0.65 0.00	57.34 -0.56 0.00	32.47 -0.19 0.00	34.29 0.18 0.00	35.08 0.38 0.00	40.77 0.36 0.00	47.60 0.12 0.00	35.86 -0.16 0.00	34.59 -0.14 0.00	40.78 -0.27 0.00	41.84 -0.53 0.00	50.93 -0.78 0.00	46.37 -0.83 0.00	48.43 -1.09 0.00	35.03 -0.95 0.00	32.96 -0.98 0.00	30.74 -0.86 0.00
GREENIDGE___3 23582	35.57 -0.74 0.00	36.41 -0.60 0.00	34.33 -0.43 0.00	36.90 -0.27 0.00	38.45 -0.21 0.00	45.97 -0.04 0.00	81.83 -0.43 0.00	107.32 -0.65 0.00	57.34 -0.56 0.00	32.47 -0.19 0.00	34.29 0.18 0.00	35.08 0.38 0.00	40.77 0.36 0.00	47.60 0.12 0.00	35.86 -0.16 0.00	34.59 -0.14 0.00	40.78 -0.27 0.00	41.84 -0.53 0.00	50.93 -0.78 0.00	46.37 -0.83 0.00	48.43 -1.09 0.00	35.03 -0.95 0.00	32.96 -0.98 0.00	30.74 -0.86 0.00
GREENIDGE___4 23583	35.57 -0.74 0.00	36.42 -0.60 0.00	34.33 -0.43 0.00	36.90 -0.27 0.00	38.45 -0.21 0.00	45.97 -0.04 0.00	81.82 -0.44 0.00	107.33 -0.64 0.00	57.35 -0.55 0.00	32.47 -0.19 0.00	34.29 0.18 0.00	35.08 0.38 0.00	40.77 0.36 0.00	47.60 0.12 0.00	35.86 -0.16 0.00	34.59 -0.14 0.00	40.78 -0.28 0.00	41.84 -0.54 0.00	50.94 -0.77 0.00	46.37 -0.84 0.00	48.43 -1.08 0.00	35.03 -0.95 0.00	32.95 -0.98 0.00	30.74 -0.86 0.00
GREENLWN_69_KV_BK 3 55738	37.63 1.31 0.00	38.42 1.40 0.00	36.10 1.34 0.00	38.49 1.32 0.00	40.00 1.34 0.00	47.58 1.57 0.00	97.63 3.39 -11.99	120.06 5.40 -6.69	73.10 3.03 -12.17	67.12 1.60 -32.86	35.53 1.42 0.00	35.95 1.25 0.00	41.75 1.34 0.00	110.85 2.03 -61.35	51.00 1.59 -13.39	35.67 0.94 0.00	42.36 1.29 0.00	44.01 1.63 0.00	54.09 2.38 0.00	49.61 2.40 0.00	51.92 2.40 0.00	37.61 1.63 0.00	36.71 1.48 -1.29	32.80 1.20 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	55.22 1.79 -17.12	54.43 1.75 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.15 3.23 -9.02	56.42 1.67 -22.09	55.22 1.49 -19.62	52.08 1.44 -15.93	59.33 1.63 -17.29	53.92 2.04 -4.41	53.43 1.63 -15.77	55.30 1.39 -19.18	52.55 1.74 -9.74	52.37 2.05 -7.94	61.95 2.74 -7.50	90.00 2.74 -40.06	92.05 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.97 1.49 -18.88
GRISSOM___SOLAR 323813	38.14 1.82 0.00	38.88 1.86 0.00	36.48 1.72 0.00	38.96 1.79 0.00	40.55 1.89 0.00	48.36 2.35 0.00	86.81 4.56 0.00	113.79 5.82 0.00	59.67 1.77 0.00	32.78 0.11 0.00	33.99 -0.12 0.00	34.41 -0.29 0.00	40.44 0.03 0.00	47.90 0.43 0.00	36.42 0.40 0.00	36.01 1.28 0.00	43.02 1.96 0.00	44.58 2.21 0.00	54.78 3.06 0.00	50.02 2.81 0.00	52.43 2.91 0.00	38.05 2.07 0.00	35.81 1.87 0.00	33.21 1.61 0.00
GROVEVILLE___HYD 323602	37.89 1.58 0.00	38.58 1.56 0.00	36.24 1.48 0.00	38.73 1.56 0.00	40.29 1.63 0.00	47.88 1.87 0.00	85.89 3.64 0.00	113.21 5.24 0.00	60.48 2.58 0.00	33.91 1.25 0.00	35.15 1.04 0.00	35.64 0.94 0.00	41.59 1.18 0.00	48.99 1.52 0.00	37.18 1.16 0.00	35.73 1.00 0.00	42.35 1.29 0.00	44.00 1.62 0.00	54.01 2.30 0.00	49.47 2.27 0.00	51.87 2.35 0.00	37.58 1.61 0.00	35.33 1.39 0.00	32.78 1.18 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.06 -0.25 0.00	36.79 -0.23 0.00	34.58 -0.17 0.00	36.98 -0.19 0.00	38.44 -0.22 0.00	45.80 -0.21 0.00	81.85 -0.41 0.00	107.41 -0.56 0.00	57.44 -0.46 0.00	32.43 -0.24 0.00	34.06 -0.05 0.00	34.77 0.07 0.00	40.52 0.11 0.00	47.58 0.10 0.00	36.03 0.01 0.00	34.75 0.02 0.00	40.92 -0.14 0.00	42.11 -0.26 0.00	51.38 -0.33 0.00	46.90 -0.31 0.00	49.13 -0.38 0.00	35.63 -0.35 0.00	33.62 -0.31 0.00	31.32 -0.28 0.00

HAMLTNNY_34_KV_TB 80303	36.11 -0.21 0.00	36.84 -0.18 0.00	34.64 -0.11 0.00	37.06 -0.11 0.00	38.51 -0.14 0.00	45.88 -0.13 0.00	81.95 -0.31 0.00	107.66 -0.31 0.00	57.53 -0.37 0.00	32.44 -0.23 0.00	34.06 -0.05 0.00	34.81 0.11 0.00	40.55 0.14 0.00	47.64 0.17 0.00	36.05 0.03 0.00	34.80 0.07 0.00	40.92 -0.14 0.00	42.13 -0.24 0.00	51.41 -0.30 0.00	46.94 -0.26 0.00	49.16 -0.36 0.00	35.65 -0.33 0.00	33.63 -0.30 0.00	31.32 -0.29 0.00
HAMPSHIRE___PAPER_HYD 323593	35.26 -1.05 0.00	35.91 -1.11 0.00	34.62 -1.17 -1.03	41.63 -0.72 -5.18	44.83 -0.38 -6.55	50.89 -0.30 -5.18	82.67 0.41 0.00	108.63 0.66 0.00	58.12 0.22 0.00	32.65 -0.01 0.00	33.81 -0.30 0.00	34.13 -0.57 0.00	39.72 -0.69 0.00	46.97 -0.50 0.00	36.08 0.06 0.00	35.08 0.34 0.00	41.73 0.67 0.00	43.14 0.76 0.00	52.48 0.77 0.00	47.79 0.59 0.00	50.12 0.60 0.00	36.37 0.39 0.00	34.24 0.30 0.00	31.77 0.17 0.00
HARDSCRABBLE_WT_PWR 323673	36.68 0.36 0.00	37.35 0.33 0.00	34.99 0.23 0.00	37.06 -0.11 0.00	38.62 -0.04 0.00	45.95 -0.06 0.00	82.51 0.26 0.00	108.57 0.60 0.00	57.03 -0.87 0.00	31.29 -1.38 0.00	32.50 -1.61 0.00	32.91 -1.80 0.00	38.26 -2.15 0.00	45.18 -2.29 0.00	33.84 -2.18 0.00	33.84 -0.89 0.00	40.26 -0.80 0.00	41.97 -0.41 0.00	51.63 -0.08 0.00	47.13 -0.07 0.00	49.28 -0.23 0.00	35.83 -0.14 0.00	33.76 -0.18 0.00	31.31 -0.29 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	37.54 1.23 0.00	38.24 1.22 0.00	35.95 1.19 0.00	38.40 1.23 0.00	39.96 1.30 0.00	47.43 1.43 0.00	85.07 2.82 0.00	112.09 4.12 0.00	59.89 1.99 0.00	33.61 0.94 0.00	34.85 0.74 0.00	35.38 0.68 0.00	41.31 0.90 0.00	48.63 1.15 0.00	36.94 0.92 0.00	35.55 0.82 0.00	42.08 1.02 0.00	43.67 1.29 0.00	53.60 1.89 0.00	49.12 1.91 0.00	51.46 1.94 0.00	37.26 1.28 0.00	35.03 1.09 0.00	32.50 0.90 0.00
HARSNRAD_115KV_TB1 81005	34.66 -1.66 0.00	35.56 -1.46 0.00	33.34 -1.42 0.00	35.70 -1.47 0.00	37.03 -1.63 0.00	44.25 -1.76 0.00	77.09 -5.17 0.00	99.75 -8.22 0.00	54.16 -3.75 0.00	31.13 -1.54 0.00	32.97 -0.87 0.00	33.83 -1.14 0.00	39.36 -1.05 0.00	45.74 -1.74 0.00	34.49 -1.53 0.00	33.41 -1.33 0.00	38.81 -2.25 0.00	39.45 -2.93 0.00	47.71 -4.00 0.00	43.50 -3.70 0.00	45.47 -4.05 0.00	33.05 -2.92 0.00	31.72 -2.22 0.00	29.74 -1.86 0.00
HARZA MOOSE___RIVER 24016	36.07 -0.24 0.00	36.70 -0.31 0.00	34.74 -0.32 -0.30	38.83 0.17 -1.48	41.05 0.52 -1.88	48.30 0.80 -1.49	84.62 2.36 0.00	111.31 3.34 0.00	59.39 1.49 0.00	33.24 0.58 0.00	34.54 0.43 0.00	34.95 0.25 0.00	40.71 0.30 0.00	48.10 0.63 0.00	36.84 0.82 0.00	35.58 0.85 0.00	42.21 1.15 0.00	43.69 1.31 0.00	53.33 1.61 0.00	48.62 1.42 0.00	50.96 1.44 0.00	36.90 0.93 0.00	34.75 0.81 0.00	32.22 0.63 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	35.87 -0.44 0.00	36.59 -0.43 0.00	34.41 -0.36 0.00	36.79 -0.38 0.00	38.22 -0.43 0.00	45.56 -0.45 0.00	81.39 -0.86 0.00	106.80 -1.17 0.00	57.15 -0.75 0.00	32.29 -0.37 0.00	33.92 -0.20 0.00	34.60 -0.10 0.00	40.31 -0.09 0.00	47.32 -0.15 0.00	35.85 -0.18 0.00	34.56 -0.17 0.00	40.71 -0.35 0.00	41.85 -0.53 0.00	51.05 -0.67 0.00	46.61 -0.60 0.00	48.83 -0.69 0.00	35.42 -0.56 0.00	33.44 -0.50 0.00	31.16 -0.44 0.00
HELLGATE_13_KV_LD 55870	37.90 1.59 0.00	38.55 1.54 0.00	36.18 1.42 0.00	38.68 1.51 0.00	40.27 1.61 0.00	47.84 1.82 -0.01	85.83 3.57 0.00	113.44 5.48 0.00	64.88 2.89 -4.09	37.01 1.50 -2.85	36.40 1.32 -0.97	36.75 1.26 -0.79	45.97 1.41 -4.15	51.12 1.78 -1.87	38.58 1.43 -1.12	36.76 1.19 -0.83	42.57 1.47 -0.03	44.15 1.77 -0.01	57.70 2.45 -3.53	50.61 2.42 -0.98	53.82 2.54 -1.77	37.73 1.75 -0.01	35.47 1.53 0.00	32.89 1.28 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.90 1.59 0.00	38.55 1.54 0.00	36.18 1.42 0.00	38.68 1.51 0.00	40.27 1.61 0.00	47.84 1.82 -0.01	85.83 3.57 0.00	113.44 5.48 0.00	64.88 2.89 -4.09	37.01 1.50 -2.85	36.40 1.32 -0.97	36.75 1.26 -0.79	45.97 1.41 -4.15	51.12 1.78 -1.87	38.58 1.43 -1.12	36.76 1.19 -0.83	42.57 1.47 -0.03	44.15 1.77 -0.01	57.70 2.45 -3.53	50.61 2.42 -0.98	53.82 2.54 -1.77	37.73 1.75 -0.01	35.47 1.53 0.00	32.89 1.28 -0.01
HEMPSTEAD____ 23647	37.86 1.55 0.00	38.59 1.57 0.00	36.23 1.47 0.00	38.67 1.50 0.00	40.20 1.54 0.00	47.82 1.81 0.00	98.01 3.77 -11.99	120.65 5.98 -6.69	73.41 3.34 -12.17	67.28 1.76 -32.86	35.68 1.58 0.00	36.14 1.43 0.00	42.00 1.60 0.00	111.13 2.31 -61.35	51.17 1.76 -13.39	35.87 1.14 0.00	42.58 1.52 0.00	44.24 1.87 0.00	54.34 2.63 0.00	49.84 2.63 0.00	52.18 2.66 0.00	37.79 1.81 0.00	41.25 1.68 -5.63	32.98 1.37 0.00
HEWLETT_69_KV_BK3 55828	38.19 1.87 0.00	38.91 1.89 0.00	36.53 1.77 0.00	38.94 1.77 0.00	40.46 1.80 0.00	48.11 2.10 0.00	98.57 4.33 -11.99	121.12 6.46 -6.69	73.79 3.71 -12.17	67.44 1.92 -32.86	35.93 1.82 0.00	36.39 1.69 0.00	42.31 1.90 0.00	111.41 2.59 -61.35	51.41 2.00 -13.39	36.14 1.41 0.00	42.87 1.81 0.00	44.50 2.12 0.00	54.69 2.98 0.00	50.16 2.96 0.00	52.50 2.98 0.00	38.07 2.09 0.00	53.31 1.85 -17.52	33.21 1.59 -0.02
HICKLING___1 23621	35.14 -1.17 0.00	36.03 -0.99 0.00	34.06 -0.70 0.00	36.71 -0.46 0.00	38.21 -0.45 0.00	45.70 -0.30 0.00	81.44 -0.81 0.00	106.96 -1.01 0.00	56.93 -0.98 0.00	32.34 -0.32 0.00	34.16 0.05 0.00	34.85 0.15 0.00	40.47 0.06 0.00	47.38 -0.09 0.00	35.62 -0.40 0.00	34.25 -0.48 0.00	40.35 -0.71 0.00	41.42 -0.95 0.00	50.42 -1.29 0.00	45.84 -1.37 0.00	47.79 -1.73 0.00	34.56 -1.41 0.00	32.47 -1.47 0.00	30.27 -1.33 0.00
HICKLING___2 23622	35.14 -1.17 0.00	36.03 -0.99 0.00	34.06 -0.70 0.00	36.71 -0.46 0.00	38.21 -0.45 0.00	45.70 -0.30 0.00	81.44 -0.81 0.00	106.96 -1.01 0.00	56.93 -0.98 0.00	32.34 -0.32 0.00	34.16 0.05 0.00	34.85 0.15 0.00	40.47 0.06 0.00	47.38 -0.09 0.00	35.62 -0.40 0.00	34.25 -0.48 0.00	40.35 -0.71 0.00	41.42 -0.95 0.00	50.42 -1.29 0.00	45.84 -1.37 0.00	47.79 -1.73 0.00	34.56 -1.41 0.00	32.47 -1.47 0.00	30.27 -1.33 0.00
HIGH FALLS___HY 23754	37.90 1.59 0.00	38.59 1.57 0.00	36.27 1.51 0.00	38.77 1.60 0.00	40.36 1.70 0.00	47.96 1.95 0.00	86.05 3.80 0.00	113.46 5.49 0.00	60.65 2.75 0.00	34.01 1.34 0.00	35.10 0.98 0.00	35.48 0.78 0.00	41.60 1.19 0.00	49.11 1.64 0.00	37.22 1.20 0.00	35.78 1.04 0.00	42.47 1.41 0.00	44.18 1.80 0.00	54.19 2.48 0.00	49.63 2.43 0.00	52.05 2.53 0.00	37.69 1.72 0.00	35.40 1.47 0.00	32.80 1.20 0.00
HIGH_RIVER___SOLAR 323847	37.99 1.68 0.00	38.68 1.66 0.00	36.32 1.56 0.00	38.76 1.59 0.00	40.36 1.70 0.00	48.08 2.07 0.00	86.19 3.94 0.00	113.02 5.05 0.00	59.65 1.75 0.00	32.99 0.33 0.00	33.99 -0.12 0.00	34.50 -0.20 0.00	40.26 -0.14 0.00	47.58 0.10 0.00	36.03 0.01 0.00	35.20 0.47 0.00	42.14 1.08 0.00	43.75 1.37 0.00	53.55 1.83 0.00	48.94 1.73 0.00	51.35 1.83 0.00	37.26 1.29 0.00	35.11 1.17 0.00	32.63 1.03 0.00

HILLBURN___GT 23639	37.40 1.09 0.00	38.10 1.08 0.00	35.83 1.07 0.00	38.28 1.11 0.00	39.84 1.18 0.00	47.28 1.28 0.00	84.78 2.53 0.00	111.73 3.76 0.00	59.72 1.82 0.00	33.54 0.88 0.00	34.77 0.66 0.00	35.32 0.61 0.00	41.14 0.73 0.00	48.45 0.98 0.00	36.88 0.86 0.00	35.45 0.71 0.00	41.94 0.88 0.00	43.53 1.15 0.00	53.43 1.72 0.00	48.95 1.74 0.00	51.29 1.78 0.00	37.13 1.15 0.00	34.90 0.96 0.00	32.39 0.79 0.00
HILLSIDE_115KV_TB1 80332	34.98 -1.33 0.00	35.83 -1.19 0.00	33.80 -0.96 0.00	36.34 -0.83 0.00	37.73 -0.92 0.00	45.06 -0.95 0.00	80.31 -1.94 0.00	105.67 -2.30 0.00	56.21 -1.69 0.00	31.93 -0.73 0.00	33.67 -0.44 0.00	34.35 -0.35 0.00	39.95 -0.45 0.00	46.89 -0.58 0.00	35.24 -0.78 0.00	33.88 -0.85 0.00	39.90 -1.16 0.00	41.05 -1.32 0.00	49.97 -1.75 0.00	45.54 -1.66 0.00	47.54 -1.98 0.00	34.42 -1.55 0.00	32.35 -1.59 0.00	30.16 -1.44 0.00
HISHELDN_WT_PWR 323625	33.72 -2.59 0.00	34.88 -2.14 0.00	33.09 -1.67 0.00	35.76 -1.41 0.00	37.27 -1.39 0.00	44.58 -1.43 0.00	78.48 -3.78 0.00	102.03 -5.94 0.00	54.93 -2.97 0.00	31.42 -1.24 0.00	33.21 -0.90 0.00	33.96 -0.75 0.00	39.35 -1.06 0.00	45.72 -1.75 0.00	34.46 -1.56 0.00	33.20 -1.53 0.00	38.89 -2.17 0.00	39.52 -2.86 0.00	48.03 -3.68 0.00	43.42 -3.78 0.00	45.21 -4.31 0.00	32.59 -3.39 0.00	30.91 -3.03 0.00	28.99 -2.61 0.00
HOLTSVILLE_IC_1 23690	37.54 1.22 0.00	38.32 1.30 0.00	35.97 1.22 0.00	38.37 1.20 0.00	39.89 1.23 0.00	47.61 1.60 0.00	97.57 3.33 -11.99	119.58 4.92 -6.69	72.88 2.81 -12.17	66.99 1.47 -32.86	35.23 1.12 0.00	35.56 0.86 0.00	41.29 0.88 0.00	110.42 1.59 -61.35	50.73 1.32 -13.39	35.39 0.66 0.00	42.16 1.10 0.00	43.85 1.48 0.00	54.06 2.35 0.00	49.64 2.43 0.00	51.93 2.41 0.00	37.55 1.57 0.00	36.33 1.42 -0.97	32.66 1.06 0.00
HOLTSVILLE_IC_10 23699	37.64 1.33 0.00	38.42 1.41 0.00	36.07 1.31 0.00	38.48 1.31 0.00	40.00 1.34 0.00	47.77 1.76 0.00	97.90 3.66 -11.99	119.94 5.28 -6.69	73.07 3.00 -12.17	67.09 1.57 -32.86	35.30 1.18 0.00	35.61 0.91 0.00	41.33 0.93 0.00	110.52 1.69 -61.35	50.82 1.41 -13.39	35.46 0.73 0.00	42.30 1.24 0.00	44.00 1.62 0.00	54.29 2.58 0.00	49.87 2.67 0.00	52.17 2.65 0.00	37.70 1.72 0.00	36.58 1.56 -1.09	32.75 1.15 0.00
HOLTSVILLE_IC_2 23691	37.54 1.22 0.00	38.32 1.30 0.00	35.97 1.22 0.00	38.37 1.20 0.00	39.89 1.23 0.00	47.61 1.60 0.00	97.57 3.33 -11.99	119.58 4.92 -6.69	72.88 2.81 -12.17	66.99 1.47 -32.86	35.23 1.12 0.00	35.56 0.86 0.00	41.29 0.88 0.00	110.42 1.59 -61.35	50.73 1.32 -13.39	35.39 0.66 0.00	42.16 1.10 0.00	43.85 1.48 0.00	54.06 2.35 0.00	49.64 2.43 0.00	51.93 2.41 0.00	37.55 1.57 0.00	36.33 1.42 -0.97	32.66 1.06 0.00
HOLTSVILLE_IC_3 23692	37.54 1.22 0.00	38.32 1.30 0.00	35.97 1.22 0.00	38.37 1.20 0.00	39.89 1.23 0.00	47.61 1.60 0.00	97.57 3.33 -11.99	119.58 4.92 -6.69	72.88 2.81 -12.17	66.99 1.47 -32.86	35.23 1.12 0.00	35.56 0.86 0.00	41.29 0.88 0.00	110.42 1.59 -61.35	50.73 1.32 -13.39	35.39 0.66 0.00	42.16 1.10 0.00	43.85 1.48 0.00	54.06 2.35 0.00	49.64 2.43 0.00	51.93 2.41 0.00	37.55 1.57 0.00	36.33 1.42 -0.97	32.66 1.06 0.00
HOLTSVILLE_IC_4 23693	37.54 1.22 0.00	38.32 1.30 0.00	35.97 1.22 0.00	38.37 1.20 0.00	39.89 1.23 0.00	47.61 1.60 0.00	97.57 3.33 -11.99	119.58 4.92 -6.69	72.88 2.81 -12.17	66.99 1.47 -32.86	35.23 1.12 0.00	35.56 0.86 0.00	41.29 0.88 0.00	110.42 1.59 -61.35	50.73 1.32 -13.39	35.39 0.66 0.00	42.16 1.10 0.00	43.85 1.48 0.00	54.06 2.35 0.00	49.64 2.43 0.00	51.93 2.41 0.00	37.55 1.57 0.00	36.33 1.42 -0.97	32.66 1.06 0.00
HOLTSVILLE_IC_5 23694	37.54 1.22 0.00	38.32 1.30 0.00	35.97 1.22 0.00	38.37 1.20 0.00	39.89 1.23 0.00	47.61 1.60 0.00	97.57 3.33 -11.99	119.58 4.92 -6.69	72.88 2.81 -12.17	66.99 1.47 -32.86	35.23 1.12 0.00	35.56 0.86 0.00	41.29 0.88 0.00	110.42 1.59 -61.35	50.73 1.32 -13.39	35.39 0.66 0.00	42.16 1.10 0.00	43.85 1.48 0.00	54.06 2.35 0.00	49.64 2.43 0.00	51.93 2.41 0.00	37.55 1.57 0.00	36.33 1.42 -0.97	32.66 1.06 0.00
HOLTSVILLE_IC_6 23695	37.64 1.33 0.00	38.42 1.41 0.00	36.07 1.31 0.00	38.48 1.31 0.00	40.00 1.34 0.00	47.77 1.76 0.00	97.90 3.66 -11.99	119.94 5.28 -6.69	73.07 3.00 -12.17	67.09 1.57 -32.86	35.30 1.18 0.00	35.61 0.91 0.00	41.33 0.93 0.00	110.52 1.69 -61.35	50.82 1.41 -13.39	35.46 0.73 0.00	42.30 1.24 0.00	44.00 1.62 0.00	54.29 2.58 0.00	49.87 2.67 0.00	52.17 2.65 0.00	37.70 1.72 0.00	36.58 1.56 -1.09	32.75 1.15 0.00
HOLTSVILLE_IC_7 23696	37.64 1.33 0.00	38.42 1.41 0.00	36.07 1.31 0.00	38.48 1.31 0.00	40.00 1.34 0.00	47.77 1.76 0.00	97.90 3.66 -11.99	119.94 5.28 -6.69	73.07 3.00 -12.17	67.09 1.57 -32.86	35.30 1.18 0.00	35.61 0.91 0.00	41.33 0.93 0.00	110.52 1.69 -61.35	50.82 1.41 -13.39	35.46 0.73 0.00	42.30 1.24 0.00	44.00 1.62 0.00	54.29 2.58 0.00	49.87 2.67 0.00	52.17 2.65 0.00	37.70 1.72 0.00	36.58 1.56 -1.09	32.75 1.15 0.00
HOLTSVILLE_IC_8 23697	37.64 1.33 0.00	38.42 1.41 0.00	36.07 1.31 0.00	38.48 1.31 0.00	40.00 1.34 0.00	47.77 1.76 0.00	97.90 3.66 -11.99	119.94 5.28 -6.69	73.07 3.00 -12.17	67.09 1.57 -32.86	35.30 1.18 0.00	35.61 0.91 0.00	41.33 0.93 0.00	110.52 1.69 -61.35	50.82 1.41 -13.39	35.46 0.73 0.00	42.30 1.24 0.00	44.00 1.62 0.00	54.29 2.58 0.00	49.87 2.67 0.00	52.17 2.65 0.00	37.70 1.72 0.00	36.58 1.56 -1.09	32.75 1.15 0.00
HOLTSVILLE_IC_9 23698	37.64 1.33 0.00	38.42 1.41 0.00	36.07 1.31 0.00	38.48 1.31 0.00	40.00 1.34 0.00	47.77 1.76 0.00	97.90 3.66 -11.99	119.94 5.28 -6.69	73.07 3.00 -12.17	67.09 1.57 -32.86	35.30 1.18 0.00	35.61 0.91 0.00	41.33 0.93 0.00	110.52 1.69 -61.35	50.82 1.41 -13.39	35.46 0.73 0.00	42.30 1.24 0.00	44.00 1.62 0.00	54.29 2.58 0.00	49.87 2.67 0.00	52.17 2.65 0.00	37.70 1.72 0.00	36.58 1.56 -1.09	32.75 1.15 0.00
HOMER_HL_115KV_TB2 355744	35.18 -1.13 0.00	36.34 -0.68 0.00	34.20 -0.56 0.00	36.69 -0.48 0.00	37.89 -0.77 0.00	45.03 -0.97 0.00	79.43 -2.83 0.00	104.09 -3.88 0.00	56.09 -1.81 0.00	32.09 -0.57 0.00	33.96 -0.16 0.00	34.89 0.18 0.00	40.68 0.27 0.00	47.57 0.09 0.00	35.56 -0.45 0.00	34.19 -0.55 0.00	39.94 -1.12 0.00	40.64 -1.74 0.00	49.10 -2.61 0.00	44.79 -2.42 0.00	46.66 -2.86 0.00	33.77 -2.20 0.00	31.99 -1.95 0.00	29.91 -1.69 0.00
HOWARD_WT_PWR 323690	33.35 -2.96 0.00	34.39 -2.63 0.00	32.83 -1.93 0.00	35.99 -1.18 0.00	38.11 -0.55 0.00	45.77 -0.23 0.00	81.74 -0.51 0.00	107.12 -0.85 0.00	57.11 -0.79 0.00	32.51 -0.15 0.00	34.26 0.15 0.00	34.91 0.21 0.00	40.27 -0.14 0.00	46.79 -0.68 0.00	35.10 -0.93 0.00	33.69 -1.04 0.00	39.73 -1.33 0.00	40.14 -2.24 0.00	48.81 -2.90 0.00	44.02 -3.18 0.00	45.45 -4.06 0.00	32.75 -3.23 0.00	30.77 -3.16 0.00	28.79 -2.81 0.00

HQ_GEN_CEDARS 23644	36.40 0.08 0.00	37.17 0.15 0.00	35.25 0.00 -0.49	39.75 0.09 -2.49	41.98 0.17 -3.15	48.72 0.22 -2.49	82.83 0.58 0.00	108.56 0.59 0.00	58.50 0.60 0.00	33.10 0.44 0.00	34.46 0.35 0.00	34.99 0.29 0.00	40.78 0.37 0.00	47.89 0.42 0.00	36.47 0.44 0.00	35.33 0.59 0.00	41.96 0.90 0.00	43.27 0.89 0.00	52.46 0.75 0.00	47.77 0.57 0.00	50.16 0.64 0.00	36.53 0.55 0.00	34.44 0.50 0.00	32.06 0.47 0.00
HQ_GEN_CEDARS_PROXY 323590	36.40 0.08 0.00	37.17 0.15 0.00	35.25 0.00 -0.49	39.75 0.09 -2.49	41.98 0.17 -3.15	48.72 0.22 -2.49	82.83 0.58 0.00	108.56 0.60 0.00	58.50 0.60 0.00	33.10 0.44 0.00	33.10 0.35 1.36	33.99 0.29 0.99	40.78 0.37 0.00	47.89 0.42 0.00	36.46 0.44 0.00	35.33 0.59 0.00	41.96 0.90 0.00	43.27 0.89 0.00	52.46 0.75 0.00	47.78 0.57 0.00	50.16 0.64 0.00	36.53 0.55 0.00	34.44 0.50 0.00	32.06 0.46 0.00
HQ_GEN_IMPORT 323601	36.37 0.05 0.00	37.11 0.10 0.00	34.77 0.01 0.00	37.21 0.04 0.00	38.73 0.06 -0.01	46.10 0.09 0.00	82.46 0.20 0.00	106.07 0.19 2.09	58.25 0.35 0.00	32.95 0.28 0.00	34.38 0.26 0.00	34.95 0.24 0.00	40.71 0.30 0.00	47.83 0.36 0.00	36.33 0.31 0.00	35.08 0.35 0.00	41.56 0.50 0.00	42.87 0.49 0.00	52.08 0.37 0.00	47.49 0.28 0.00	52.00 0.31 -2.17	36.25 0.28 0.00	34.19 0.26 0.00	31.85 0.25 0.00
HQ_GEN_WHEEL 23651	36.37 0.05 0.00	37.11 0.10 0.00	34.77 0.01 0.00	37.21 0.04 0.00	38.73 0.06 -0.01	46.10 0.09 0.00	82.46 0.20 0.00	106.07 0.19 2.09	58.25 0.35 0.00	32.95 0.28 0.00	34.38 0.26 0.00	34.95 0.24 0.00	40.71 0.30 0.00	47.83 0.36 0.00	36.33 0.31 0.00	35.08 0.35 0.00	41.56 0.50 0.00	42.87 0.49 0.00	52.08 0.37 0.00	47.49 0.28 0.00	52.00 0.31 -2.17	36.25 0.28 0.00	34.19 0.26 0.00	31.85 0.25 0.00
HUDSON AVE_GT_3 23810	37.82 1.51 0.00	38.46 1.44 0.00	36.10 1.34 0.00	38.58 1.40 0.00	40.17 1.51 0.00	47.72 1.71 0.00	85.63 3.38 0.00	113.12 5.16 0.00	60.60 2.70 0.00	34.06 1.40 0.00	35.31 1.20 0.00	35.85 1.15 0.00	41.69 1.28 0.00	49.11 1.64 0.00	37.34 1.32 0.00	35.82 1.08 0.00	42.42 1.36 0.00	44.01 1.64 0.00	54.01 2.29 0.00	49.48 2.28 0.00	51.89 2.37 0.00	37.60 1.63 0.00	35.36 1.42 0.00	32.81 1.21 0.00
HUDSON AVE_GT_4 23540	37.82 1.51 0.00	38.46 1.44 0.00	36.10 1.34 0.00	38.58 1.40 0.00	40.17 1.51 0.00	47.72 1.71 0.00	85.63 3.38 0.00	113.12 5.16 0.00	60.60 2.70 0.00	34.06 1.40 0.00	35.31 1.20 0.00	35.85 1.15 0.00	41.69 1.28 0.00	49.11 1.64 0.00	37.34 1.32 0.00	35.82 1.08 0.00	42.42 1.36 0.00	44.01 1.64 0.00	54.01 2.29 0.00	49.48 2.28 0.00	51.89 2.37 0.00	37.60 1.63 0.00	35.36 1.42 0.00	32.81 1.21 0.00
HUDSON AVE_GT_5 23657	37.82 1.51 0.00	38.46 1.44 0.00	36.10 1.34 0.00	38.58 1.40 0.00	40.17 1.51 0.00	47.72 1.71 0.00	85.63 3.38 0.00	113.12 5.16 0.00	60.60 2.70 0.00	34.06 1.40 0.00	35.31 1.20 0.00	35.85 1.15 0.00	41.69 1.28 0.00	49.11 1.64 0.00	37.34 1.32 0.00	35.82 1.08 0.00	42.42 1.36 0.00	44.01 1.64 0.00	54.01 2.29 0.00	49.48 2.28 0.00	51.89 2.37 0.00	37.60 1.63 0.00	35.36 1.42 0.00	32.81 1.21 0.00
HUDSON_AVE_10 24168	37.65 1.34 0.00	38.25 1.23 0.00	35.89 1.14 0.02	38.35 1.19 0.01	39.94 1.29 0.01	47.43 1.43 0.01	85.15 2.90 0.01	112.60 4.63 0.00	60.31 2.41 0.00	33.93 1.26 0.00	35.16 1.05 0.00	35.71 1.01 0.00	41.50 1.09 0.00	48.86 1.39 0.00	37.18 1.16 0.00	35.65 0.92 0.00	42.21 1.15 0.00	43.83 1.46 0.00	53.77 2.06 0.00	49.26 2.06 0.00	51.68 2.16 0.00	37.51 1.54 0.00	35.30 1.36 0.00	32.76 1.16 0.00
HUDSON___115KV_TB 4 355613	38.22 1.90 0.00	38.85 1.83 0.00	36.49 1.73 0.00	38.98 1.81 0.00	40.56 1.90 0.00	48.27 2.26 0.00	86.48 4.23 0.00	113.53 5.56 0.00	60.27 2.38 0.00	33.60 0.93 0.00	34.67 0.56 0.00	35.26 0.56 0.00	40.86 0.45 0.00	48.10 0.63 0.00	36.09 0.07 0.00	34.84 0.11 0.00	41.25 0.19 0.00	42.97 0.59 0.00	53.00 1.29 0.00	48.46 1.26 0.00	50.86 1.34 0.00	36.93 0.96 0.00	34.82 0.88 0.00	32.49 0.89 0.00
HUNTER MOUNT___DRP 323613	38.42 2.11 0.00	39.05 2.03 0.00	36.67 1.91 0.00	39.17 2.00 0.00	40.77 2.11 0.00	48.54 2.53 0.00	87.01 4.76 0.00	114.19 6.23 0.00	60.58 2.67 0.00	33.74 1.08 0.00	34.78 0.67 0.00	35.40 0.69 0.00	40.96 0.56 0.00	48.30 0.83 0.00	36.15 0.12 0.00	34.98 0.25 0.00	41.46 0.39 0.00	43.22 0.85 0.00	53.33 1.62 0.00	48.74 1.53 0.00	51.13 1.61 0.00	37.13 1.16 0.00	35.00 1.07 0.00	32.66 1.06 0.00
HUNTINGTON_RES_REC 323705	37.59 1.28 0.00	38.38 1.36 0.00	36.04 1.28 0.00	38.44 1.27 0.00	39.96 1.30 0.00	47.62 1.61 0.00	97.64 3.40 -11.99	119.83 5.17 -6.69	73.02 2.94 -12.17	67.07 1.55 -32.86	35.37 1.26 0.00	35.73 1.03 0.00	41.48 1.07 0.00	110.63 1.81 -61.35	50.88 1.48 -13.39	35.52 0.79 0.00	42.28 1.22 0.00	43.97 1.60 0.00	54.15 2.44 0.00	49.69 2.49 0.00	52.00 2.49 0.00	37.62 1.65 0.00	36.55 1.49 -1.12	32.74 1.14 0.00
HUNTLEY___63 23557	34.96 -1.35 0.00	35.87 -1.15 0.00	33.59 -1.17 0.00	35.94 -1.23 0.00	37.28 -1.38 0.00	44.55 -1.45 0.00	77.74 -4.51 0.00	100.70 -7.26 0.00	54.72 -3.18 0.00	31.44 -1.22 0.00	33.34 -0.77 0.00	34.21 -0.49 0.00	39.82 -0.59 0.00	46.32 -1.15 0.00	34.90 -1.12 0.00	33.79 -0.94 0.00	39.23 -1.83 0.00	39.89 -2.49 0.00	48.20 -3.51 0.00	44.00 -3.20 0.00	45.99 -3.53 0.00	33.42 -2.55 0.00	32.04 -1.90 0.00	30.00 -1.60 0.00
HUNTLEY___64 23558	34.96 -1.35 0.00	35.87 -1.15 0.00	33.59 -1.17 0.00	35.94 -1.23 0.00	37.28 -1.38 0.00	44.55 -1.45 0.00	77.74 -4.51 0.00	100.70 -7.26 0.00	54.72 -3.18 0.00	31.44 -1.22 0.00	33.34 -0.77 0.00	34.21 -0.49 0.00	39.82 -0.59 0.00	46.32 -1.15 0.00	34.90 -1.12 0.00	33.79 -0.94 0.00	39.23 -1.83 0.00	39.89 -2.49 0.00	48.20 -3.51 0.00	44.00 -3.20 0.00	45.99 -3.53 0.00	33.42 -2.55 0.00	32.04 -1.90 0.00	30.00 -1.60 0.00
HUNTLEY___65 23559	34.96 -1.35 0.00	35.87 -1.15 0.00	33.59 -1.17 0.00	35.94 -1.23 0.00	37.28 -1.38 0.00	44.55 -1.45 0.00	77.74 -4.51 0.00	100.70 -7.26 0.00	54.72 -3.18 0.00	31.44 -1.22 0.00	33.34 -0.77 0.00	34.21 -0.49 0.00	39.82 -0.59 0.00	46.32 -1.15 0.00	34.90 -1.12 0.00	33.79 -0.94 0.00	39.23 -1.83 0.00	39.89 -2.49 0.00	48.20 -3.51 0.00	44.00 -3.20 0.00	45.99 -3.53 0.00	33.42 -2.55 0.00	32.04 -1.90 0.00	30.00 -1.60 0.00
HUNTLEY___66 23560	34.96 -1.35 0.00	35.87 -1.15 0.00	33.59 -1.17 0.00	35.94 -1.23 0.00	37.28 -1.38 0.00	44.55 -1.45 0.00	77.74 -4.51 0.00	100.70 -7.26 0.00	54.72 -3.18 0.00	31.44 -1.22 0.00	33.34 -0.77 0.00	34.21 -0.49 0.00	39.82 -0.59 0.00	46.32 -1.15 0.00	34.90 -1.12 0.00	33.79 -0.94 0.00	39.23 -1.83 0.00	39.89 -2.49 0.00	48.20 -3.51 0.00	44.00 -3.20 0.00	45.99 -3.53 0.00	33.42 -2.55 0.00	32.04 -1.90 0.00	30.00 -1.60 0.00



HUNTLEY___67 23561	34.77 -1.54 0.00	35.71 -1.31 0.00	33.46 -1.30 0.00	35.81 -1.36 0.00	37.11 -1.55 0.00	44.34 -1.67 0.00	77.44 -4.81 0.00	100.48 -7.49 0.00	54.53 -3.38 0.00	31.32 -1.35 0.00	33.15 -0.96 0.00	34.03 -0.68 0.00	39.66 -0.75 0.00	46.18 -1.30 0.00	34.75 -1.27 0.00	33.62 -1.11 0.00	39.05 -2.01 0.00	39.71 -2.66 0.00	48.01 -3.71 0.00	43.80 -3.41 0.00	45.78 -3.74 0.00	33.26 -2.71 0.00	31.86 -2.08 0.00	29.84 -1.76 0.00
HUNTLEY___68 23562	34.77 -1.54 0.00	35.71 -1.31 0.00	33.46 -1.30 0.00	35.81 -1.36 0.00	37.11 -1.55 0.00	44.34 -1.67 0.00	77.44 -4.81 0.00	100.48 -7.49 0.00	54.53 -3.38 0.00	31.32 -1.35 0.00	33.15 -0.96 0.00	34.03 -0.68 0.00	39.66 -0.75 0.00	46.18 -1.30 0.00	34.75 -1.27 0.00	33.62 -1.11 0.00	39.05 -2.01 0.00	39.71 -2.66 0.00	48.01 -3.71 0.00	43.80 -3.41 0.00	45.78 -3.74 0.00	33.26 -2.71 0.00	31.86 -2.08 0.00	29.84 -1.76 0.00
HYLAND___LFGE 323620	36.14 -0.18 0.00	37.04 0.02 0.00	34.92 0.16 0.00	37.68 0.51 0.00	39.43 0.77 0.00	47.30 1.29 0.00	84.27 2.02 0.00	110.31 2.35 0.00	58.94 1.04 0.00	33.48 0.82 0.00	35.23 1.12 0.00	35.73 1.03 0.00	41.06 0.65 0.00	47.47 0.00 0.00	35.88 -0.14 0.00	34.83 0.10 0.00	41.43 0.37 0.00	42.37 -0.01 0.00	51.74 0.03 0.00	47.06 -0.15 0.00	49.14 -0.38 0.00	35.54 -0.43 0.00	33.51 -0.42 0.00	31.22 -0.39 0.00
INDECK___CORINTH 23802	38.30 1.98 0.00	39.01 1.99 0.00	36.62 1.86 0.00	39.09 1.92 0.00	40.67 2.01 0.00	48.54 2.53 0.00	87.49 5.23 0.00	114.63 6.66 0.00	60.70 2.80 0.00	33.90 1.24 0.00	35.20 1.09 0.00	35.57 0.87 0.00	41.27 0.87 0.00	48.65 1.18 0.00	36.89 0.86 0.00	35.86 1.12 0.00	42.78 1.72 0.00	44.44 2.06 0.00	54.65 2.94 0.00	49.91 2.70 0.00	52.36 2.84 0.00	37.95 1.98 0.00	35.80 1.86 0.00	33.19 1.60 0.00
INDECK___ILION 23567	36.61 0.29 0.00	37.27 0.25 0.00	34.97 0.21 0.00	37.26 0.09 0.00	38.80 0.14 0.00	46.17 0.16 0.00	82.78 0.52 0.00	108.77 0.80 0.00	57.65 -0.25 0.00	32.06 -0.60 0.00	33.40 -0.71 0.00	33.90 -0.80 0.00	39.44 -0.96 0.00	46.45 -1.03 0.00	35.05 -0.97 0.00	34.31 -0.43 0.00	40.68 -0.38 0.00	42.22 -0.15 0.00	51.81 0.09 0.00	47.30 0.10 0.00	49.54 0.03 0.00	36.01 0.04 0.00	33.93 -0.01 0.00	31.53 -0.07 0.00
INDECK___OLEAN 23982	35.18 -1.13 0.00	36.34 -0.68 0.00	34.20 -0.57 0.00	36.69 -0.48 0.00	37.89 -0.76 0.00	45.03 -0.97 0.00	79.44 -2.81 0.00	104.10 -3.86 0.00	56.09 -1.81 0.00	32.10 -0.57 0.00	33.96 -0.15 0.00	34.89 0.18 0.00	40.67 0.27 0.00	47.57 0.10 0.00	35.57 -0.45 0.00	34.19 -0.54 0.00	39.94 -1.12 0.00	40.65 -1.73 0.00	49.11 -2.61 0.00	44.78 -2.43 0.00	46.67 -2.85 0.00	33.77 -2.21 0.00	31.98 -1.95 0.00	29.93 -1.67 0.00
INDECK___OSWEGO 23783	35.41 -0.91 0.00	36.09 -0.93 0.00	33.96 -0.81 0.00	36.33 -0.84 0.00	37.77 -0.89 0.00	45.04 -0.96 0.00	80.51 -1.75 0.00	105.62 -2.35 0.00	56.54 -1.36 0.00	31.94 -0.72 0.00	33.52 -0.60 0.00	34.13 -0.57 0.00	39.75 -0.66 0.00	46.72 -0.76 0.00	35.47 -0.55 0.00	34.19 -0.54 0.00	40.28 -0.78 0.00	41.42 -0.95 0.00	50.54 -1.18 0.00	46.14 -1.07 0.00	48.35 -1.17 0.00	35.08 -0.90 0.00	33.12 -0.82 0.00	30.88 -0.72 0.00
INDECK___YERKES 23781	34.99 -1.32 0.00	35.91 -1.11 0.00	33.62 -1.14 0.00	35.98 -1.19 0.00	37.32 -1.34 0.00	44.60 -1.41 0.00	77.83 -4.43 0.00	100.79 -7.18 0.00	54.78 -3.12 0.00	31.48 -1.18 0.00	33.38 -0.73 0.00	34.24 -0.46 0.00	39.86 -0.55 0.00	46.36 -1.11 0.00	34.94 -1.09 0.00	33.82 -0.91 0.00	39.27 -1.79 0.00	39.93 -2.45 0.00	48.26 -3.46 0.00	44.04 -3.17 0.00	46.06 -3.46 0.00	33.45 -2.52 0.00	32.07 -1.86 0.00	30.04 -1.56 0.00
INDIAN POINT_GT_1 24139	37.42 1.11 0.00	38.10 1.08 0.00	35.81 1.05 0.00	38.26 1.09 0.00	39.82 1.16 0.00	47.25 1.24 0.00	84.75 2.49 0.00	111.71 3.74 0.00	59.73 1.83 0.00	33.54 0.88 0.00	34.77 0.66 0.00	35.30 0.59 0.00	41.09 0.68 0.00	48.44 0.96 0.00	36.83 0.81 0.00	35.37 0.64 0.00	41.89 0.83 0.00	43.48 1.10 0.00	53.39 1.68 0.00	48.91 1.70 0.00	51.28 1.76 0.00	37.14 1.16 0.00	34.92 0.98 0.00	32.40 0.80 0.00
INDIAN POINT_GT_2 23659	37.42 1.11 0.00	38.10 1.08 0.00	35.81 1.05 0.00	38.26 1.09 0.00	39.82 1.16 0.00	47.25 1.24 0.00	84.75 2.49 0.00	111.71 3.74 0.00	59.73 1.83 0.00	33.54 0.88 0.00	34.77 0.66 0.00	35.30 0.59 0.00	41.09 0.68 0.00	48.44 0.96 0.00	36.83 0.81 0.00	35.37 0.64 0.00	41.89 0.83 0.00	43.48 1.10 0.00	53.39 1.68 0.00	48.91 1.70 0.00	51.28 1.76 0.00	37.14 1.16 0.00	34.92 0.98 0.00	32.40 0.80 0.00
INDIAN POINT_GT_3 24019	37.42 1.11 0.00	38.10 1.08 0.00	35.81 1.05 0.00	38.26 1.09 0.00	39.82 1.16 0.00	47.25 1.24 0.00	84.75 2.49 0.00	111.71 3.74 0.00	59.73 1.83 0.00	33.54 0.88 0.00	34.77 0.66 0.00	35.30 0.59 0.00	41.09 0.68 0.00	48.44 0.96 0.00	36.83 0.81 0.00	35.37 0.64 0.00	41.89 0.83 0.00	43.48 1.10 0.00	53.39 1.68 0.00	48.91 1.70 0.00	51.28 1.76 0.00	37.14 1.16 0.00	34.92 0.98 0.00	32.40 0.80 0.00
INDIAN POINT___2 23530	37.31 1.00 0.00	37.99 0.97 0.00	35.73 0.97 0.00	38.18 1.01 0.00	39.73 1.07 0.00	47.13 1.12 0.00	84.50 2.25 0.00	111.34 3.37 0.00	59.50 1.59 0.00	33.41 0.75 0.00	34.63 0.52 0.00	35.17 0.47 0.00	40.94 0.54 0.00	48.26 0.78 0.00	36.72 0.70 0.00	35.28 0.55 0.00	41.77 0.71 0.00	43.36 0.98 0.00	53.24 1.53 0.00	48.77 1.56 0.00	51.11 1.59 0.00	37.00 1.03 0.00	34.80 0.86 0.00	32.30 0.70 0.00
INDIAN POINT___3 23531	37.46 1.15 0.00	38.13 1.11 0.00	35.85 1.08 0.00	38.30 1.13 0.00	39.85 1.19 0.00	47.29 1.29 0.00	84.83 2.58 0.00	111.84 3.87 0.00	59.81 1.91 0.00	33.59 0.93 0.00	34.82 0.71 0.00	35.36 0.66 0.00	41.15 0.74 0.00	48.49 1.02 0.00	36.88 0.86 0.00	35.41 0.67 0.00	41.93 0.87 0.00	43.52 1.15 0.00	53.44 1.73 0.00	48.96 1.75 0.00	51.32 1.80 0.00	37.17 1.20 0.00	34.96 1.03 0.00	32.44 0.84 0.00
INGHAM_C_115KV_TB7 356103	36.85 0.54 0.00	37.47 0.45 0.00	35.12 0.36 0.00	37.25 0.08 0.00	38.84 0.18 0.00	46.22 0.21 0.00	82.92 0.67 0.00	108.96 0.99 0.00	56.95 -0.95 0.00	31.13 -1.54 0.00	32.27 -1.84 0.00	32.66 -2.04 0.00	37.98 -2.43 0.00	44.88 -2.60 0.00	33.56 -2.46 0.00	33.56 -1.17 0.00	39.97 -1.09 0.00	41.76 -0.61 0.00	51.48 -0.23 0.00	47.04 -0.17 0.00	49.22 -0.30 0.00	35.82 -0.15 0.00	33.71 -0.23 0.00	31.29 -0.31 0.00
IP CORINTH___1 23988	38.30 1.98 0.00	39.01 1.99 0.00	36.62 1.86 0.00	39.09 1.92 0.00	40.67 2.01 0.00	48.54 2.53 0.00	87.49 5.23 0.00	114.63 6.66 0.00	60.70 2.80 0.00	33.90 1.23 0.00	35.20 1.09 0.00	35.57 0.87 0.00	41.28 0.87 0.00	48.66 1.19 0.00	36.89 0.86 0.00	35.86 1.12 0.00	42.78 1.72 0.00	44.44 2.06 0.00	54.65 2.94 0.00	49.91 2.70 0.00	52.36 2.84 0.00	37.95 1.98 0.00	35.79 1.86 0.00	33.19 1.60 0.00

IP__TICONDEROGA 23804	38.93 2.62 0.00	39.83 2.81 0.00	37.39 2.63 0.00	39.90 2.73 0.00	41.46 2.80 0.00	49.70 3.69 0.00	90.83 8.58 0.00	118.20 10.24 0.00	61.89 3.99 0.00	34.45 1.79 0.00	35.60 1.49 0.00	35.98 1.27 0.00	41.91 1.50 0.00	49.21 1.74 0.00	37.36 1.34 0.00	36.51 1.78 0.00	44.02 2.96 0.00	46.05 3.67 0.00	57.02 5.31 0.00	51.91 4.71 0.00	54.55 5.03 0.00	39.33 3.35 0.00	37.07 3.14 0.00	34.30 2.69 0.00
ISLIP_RES_REC 323679	37.76 1.45 0.00	38.54 1.52 0.00	36.17 1.41 0.00	38.59 1.42 0.00	40.12 1.46 0.00	47.92 1.91 0.00	98.20 3.97 -11.99	120.37 5.71 -6.69	73.28 3.21 -12.17	67.22 1.69 -32.86	35.40 1.29 0.00	35.69 0.99 0.00	41.42 1.02 0.00	110.65 1.83 -61.35	50.93 1.52 -13.39	35.56 0.82 0.00	42.45 1.39 0.00	44.17 1.79 0.00	54.49 2.78 0.00	50.07 2.86 0.00	52.37 2.85 0.00	37.83 1.86 0.00	36.77 1.67 -1.17	32.84 1.24 0.00
JAMAICA__27_KV_LOAD 355505	37.77 1.46 0.00	38.25 1.23 0.00	35.83 1.09 0.02	38.31 1.14 0.01	39.89 1.24 0.01	47.38 1.39 0.01	85.12 2.88 0.01	112.79 4.83 0.00	60.44 2.54 0.00	34.08 1.42 0.00	35.28 1.17 0.00	35.85 1.15 0.00	41.61 1.20 0.00	48.94 1.47 0.00	37.29 1.27 0.00	35.72 0.99 0.00	42.35 1.29 0.00	43.99 1.62 0.00	53.96 2.25 0.00	49.42 2.21 0.00	51.86 2.34 0.00	37.69 1.71 0.00	35.51 1.58 0.00	32.99 1.40 0.00
JANIS__SOLAR 323808	36.75 0.44 0.00	37.37 0.35 0.00	35.22 0.46 0.00	37.78 0.61 0.00	39.32 0.66 0.00	47.27 1.26 0.00	85.38 3.12 0.00	112.50 4.53 0.00	59.72 1.82 0.00	33.19 0.53 0.00	34.75 0.64 0.00	35.77 1.07 0.00	42.10 1.70 0.00	49.26 1.79 0.00	37.21 1.19 0.00	35.93 1.20 0.00	42.66 1.60 0.00	43.94 1.56 0.00	53.70 1.99 0.00	48.96 1.76 0.00	51.01 1.49 0.00	36.76 0.78 0.00	34.57 0.63 0.00	32.09 0.49 0.00
JARVIS____ 23743	36.34 0.03 0.00	37.02 0.00 0.00	34.76 0.00 0.00	37.20 0.03 0.00	38.70 0.04 0.00	46.05 0.05 0.00	82.40 0.15 0.00	108.23 0.26 0.00	57.92 0.02 0.00	32.60 -0.07 0.00	34.02 -0.09 0.00	34.60 -0.11 0.00	40.28 -0.12 0.00	47.33 -0.14 0.00	35.91 -0.11 0.00	34.63 -0.10 0.00	40.95 -0.12 0.00	42.33 -0.05 0.00	51.78 0.06 0.00	47.27 0.06 0.00	49.58 0.07 0.00	36.01 0.04 0.00	33.96 0.02 0.00	31.60 0.00 0.00
JENNISON__1 23625	36.40 0.09 0.00	36.71 -0.30 0.00	34.60 -0.15 0.00	37.25 0.08 0.00	38.80 0.14 0.00	46.77 0.76 0.00	84.29 2.04 0.00	111.31 3.34 0.00	59.73 1.83 0.00	33.62 0.96 0.00	35.06 0.95 0.00	36.03 1.33 0.00	42.22 1.81 0.00	49.44 1.97 0.00	37.42 1.39 0.00	36.00 1.27 0.00	42.49 1.43 0.00	43.80 1.43 0.00	53.34 1.62 0.00	48.39 1.19 0.00	50.38 0.87 0.00	36.34 0.36 0.00	34.20 0.26 0.00	31.61 0.01 0.00
JENNISON__2 23626	36.40 0.09 0.00	36.71 -0.30 0.00	34.60 -0.15 0.00	37.25 0.08 0.00	38.80 0.14 0.00	46.77 0.76 0.00	84.29 2.04 0.00	111.31 3.34 0.00	59.73 1.83 0.00	33.62 0.96 0.00	35.06 0.95 0.00	36.03 1.33 0.00	42.22 1.81 0.00	49.44 1.97 0.00	37.42 1.39 0.00	36.00 1.27 0.00	42.49 1.43 0.00	43.80 1.43 0.00	53.34 1.62 0.00	48.39 1.19 0.00	50.38 0.87 0.00	36.34 0.36 0.00	34.20 0.26 0.00	31.61 0.01 0.00
JERICO_RISE_WT_PWR 323719	35.50 -0.82 0.00	36.29 -0.73 0.00	23.72 -1.02 10.03	-14.35 -1.06 50.46	-26.24 -1.00 63.90	-5.67 -1.15 50.53	80.98 -1.27 0.00	106.67 -1.30 0.00	58.00 0.09 0.00	33.16 0.49 0.00	34.58 0.47 0.00	35.08 0.38 0.00	40.74 0.34 0.00	47.82 0.34 0.00	36.31 0.29 0.00	35.37 0.64 0.00	42.21 1.15 0.00	43.68 1.30 0.00	53.07 1.36 0.00	48.38 1.17 0.00	50.72 1.20 0.00	36.96 0.99 0.00	34.71 0.77 0.00	32.12 0.52 0.00
KATONAH__115KV_46KV_TB4 355592	37.74 1.43 0.00	38.41 1.38 0.00	36.08 1.32 0.00	38.55 1.38 0.00	40.12 1.46 0.00	47.66 1.65 0.00	85.55 3.30 0.00	112.86 4.89 0.00	60.34 2.44 0.00	33.89 1.22 0.00	35.12 1.01 0.00	35.63 0.93 0.00	41.48 1.07 0.00	48.88 1.40 0.00	37.13 1.11 0.00	35.64 0.91 0.00	42.20 1.14 0.00	43.82 1.45 0.00	53.82 2.10 0.00	49.29 2.09 0.00	51.71 2.19 0.00	37.45 1.48 0.00	35.22 1.28 0.00	32.66 1.06 0.00
KCE_NY_1 323755	38.01 1.70 0.00	38.77 1.75 0.00	36.31 1.55 0.00	38.76 1.59 0.00	40.32 1.66 0.00	48.06 2.06 0.00	86.26 4.00 0.00	113.16 5.20 0.00	60.05 2.15 0.00	33.56 0.90 0.00	34.86 0.75 0.00	35.29 0.58 0.00	41.17 0.76 0.00	48.48 1.01 0.00	36.73 0.71 0.00	35.60 0.87 0.00	42.37 1.31 0.00	43.90 1.52 0.00	53.92 2.20 0.00	49.20 2.00 0.00	51.72 2.20 0.00	37.54 1.57 0.00	35.38 1.45 0.00	32.87 1.27 0.00
KCE_NY_6_ESR 323823	35.06 -1.25 0.00	36.09 -0.93 0.00	33.87 -0.89 0.00	36.27 -0.90 0.00	37.59 -1.07 0.00	44.94 -1.07 0.00	78.68 -3.58 0.00	102.19 -5.78 0.00	55.38 -2.52 0.00	31.79 -0.87 0.00	33.69 -0.42 0.00	34.56 -0.14 0.00	40.23 -0.17 0.00	46.85 -0.63 0.00	35.24 -0.78 0.00	34.10 -0.64 0.00	39.59 -1.47 0.00	40.28 -2.09 0.00	48.70 -3.01 0.00	44.42 -2.78 0.00	46.40 -3.12 0.00	33.63 -2.35 0.00	32.20 -1.74 0.00	30.13 -1.47 0.00
KEDC_PORT_JEFF_GT2 24210	37.62 1.31 0.00	38.40 1.39 0.00	36.04 1.28 0.00	38.44 1.27 0.00	39.96 1.30 0.00	47.72 1.71 0.00	97.78 3.54 -11.99	119.54 4.87 -6.69	73.03 2.96 -12.17	67.06 1.54 -32.86	35.28 1.17 0.00	35.60 0.90 0.00	41.32 0.92 0.00	110.50 1.68 -61.35	50.80 1.39 -13.39	35.45 0.72 0.00	42.27 1.21 0.00	43.96 1.59 0.00	54.25 2.54 0.00	49.83 2.62 0.00	52.13 2.61 0.00	37.66 1.69 0.00	36.51 1.53 -1.05	32.73 1.12 0.00
KEDC_PORT_JEFF_GT3 24211	37.62 1.31 0.00	38.40 1.39 0.00	36.04 1.28 0.00	38.44 1.27 0.00	39.96 1.30 0.00	47.72 1.71 0.00	97.78 3.54 -11.99	119.54 4.87 -6.69	73.03 2.96 -12.17	67.06 1.54 -32.86	35.28 1.17 0.00	35.60 0.90 0.00	41.32 0.92 0.00	110.50 1.68 -61.35	50.80 1.39 -13.39	35.45 0.72 0.00	42.27 1.21 0.00	43.96 1.59 0.00	54.25 2.54 0.00	49.83 2.62 0.00	52.13 2.61 0.00	37.66 1.69 0.00	36.51 1.53 -1.05	32.73 1.12 0.00
KEDC_GLWD_GT4 24219	38.05 1.73 0.00	38.77 1.76 0.00	36.40 1.64 0.00	38.86 1.69 0.00	40.39 1.74 0.00	48.06 2.05 0.00	98.44 4.20 -11.99	121.27 6.61 -6.69	73.71 3.63 -12.17	67.44 1.92 -32.86	35.86 1.75 0.00	36.33 1.63 0.00	42.23 1.83 0.00	111.38 2.56 -61.35	51.35 1.94 -13.39	36.06 1.33 0.00	42.79 1.73 0.00	44.44 2.06 0.00	54.60 2.89 0.00	50.05 2.84 0.00	52.41 2.89 0.00	37.96 1.98 0.00	40.59 1.81 -4.84	33.10 1.50 0.00
KEDC_GLWD_GT5 24220	38.05 1.73 0.00	38.77 1.76 0.00	36.40 1.64 0.00	38.86 1.69 0.00	40.39 1.74 0.00	48.06 2.05 0.00	98.44 4.20 -11.99	121.27 6.61 -6.69	73.71 3.63 -12.17	67.44 1.92 -32.86	35.86 1.75 0.00	36.33 1.63 0.00	42.23 1.83 0.00	111.38 2.56 -61.35	51.35 1.94 -13.39	36.06 1.33 0.00	42.79 1.73 0.00	44.44 2.06 0.00	54.60 2.89 0.00	50.05 2.84 0.00	52.41 2.89 0.00	37.96 1.98 0.00	40.59 1.81 -4.84	33.10 1.50 0.00

KENSICO____ 23655	37.64 1.33 0.00	38.30 1.28 0.00	35.98 1.22 0.00	38.44 1.27 0.00	40.00 1.34 0.00	47.51 1.50 0.00	85.24 2.99 0.00	112.46 4.49 0.00	60.18 2.28 0.00	33.82 1.15 0.00	35.05 0.94 0.00	35.57 0.87 0.00	41.40 0.99 0.00	48.79 1.31 0.00	37.08 1.06 0.00	35.57 0.84 0.00	42.15 1.09 0.00	43.75 1.37 0.00	53.70 1.99 0.00	49.20 1.99 0.00	51.58 2.07 0.00	37.37 1.40 0.00	35.14 1.21 0.00	32.60 1.00 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.02 1.71 0.00	38.71 1.69 0.00	36.38 1.62 0.00	38.89 1.72 0.00	40.48 1.82 0.00	48.13 2.12 0.00	86.34 4.09 0.00	113.74 5.77 0.00	60.75 2.85 0.00	34.03 1.37 0.00	35.11 1.00 0.00	35.53 0.82 0.00	41.65 1.24 0.00	49.12 1.65 0.00	37.18 1.16 0.00	35.76 1.02 0.00	42.44 1.38 0.00	44.15 1.78 0.00	54.17 2.46 0.00	49.62 2.42 0.00	52.02 2.50 0.00	37.69 1.71 0.00	35.41 1.47 0.00	32.82 1.22 0.00
KIAC_JFK_GT1 23816	37.54 1.22 0.00	38.02 1.01 0.00	35.64 0.90 0.02	38.10 0.93 0.01	39.67 1.02 0.01	47.09 1.09 0.01	84.61 2.37 0.01	112.07 4.10 0.00	60.08 2.18 0.00	33.88 1.22 0.00	35.08 0.97 0.00	35.64 0.94 0.00	41.36 0.95 0.00	48.57 1.10 0.00	37.05 1.03 0.00	35.44 0.71 0.00	42.00 0.94 0.00	43.65 1.27 0.00	53.62 1.91 0.00	49.12 1.91 0.00	51.53 2.01 0.00	37.48 1.51 0.00	35.31 1.37 0.00	32.82 1.22 0.00
KIAC_JFK_GT2 23817	37.54 1.22 0.00	38.02 1.01 0.00	35.64 0.90 0.02	38.10 0.93 0.01	39.67 1.02 0.01	47.09 1.09 0.01	84.61 2.37 0.01	112.07 4.10 0.00	60.08 2.18 0.00	33.88 1.22 0.00	35.08 0.97 0.00	35.64 0.94 0.00	41.36 0.95 0.00	48.57 1.10 0.00	37.05 1.03 0.00	35.44 0.71 0.00	42.00 0.94 0.00	43.65 1.27 0.00	53.62 1.91 0.00	49.12 1.91 0.00	51.53 2.01 0.00	37.48 1.51 0.00	35.31 1.37 0.00	32.82 1.22 0.00
KIAC_JFK____ 323774	37.53 1.22 0.00	38.03 1.01 0.00	35.64 0.90 0.02	38.09 0.93 0.01	39.67 1.02 0.01	47.09 1.09 0.01	84.61 2.37 0.01	112.07 4.10 0.00	60.08 2.18 0.00	33.88 1.22 0.00	35.08 0.97 0.00	35.65 0.94 0.00	41.36 0.95 0.00	48.57 1.09 0.00	37.05 1.03 0.00	35.44 0.71 0.00	42.00 0.94 0.00	43.65 1.27 0.00	53.62 1.91 0.00	49.11 1.90 0.00	51.53 2.01 0.00	37.48 1.51 0.00	35.31 1.37 0.00	32.82 1.21 0.00
KINTIGH____ 23543	34.94 -1.37 0.00	35.81 -1.21 0.00	33.55 -1.21 0.00	35.89 -1.28 0.00	37.19 -1.47 0.00	44.38 -1.63 0.00	77.81 -4.44 0.00	101.18 -6.79 0.00	54.81 -3.09 0.00	31.38 -1.28 0.00	33.17 -0.94 0.00	34.02 -0.68 0.00	39.65 -0.76 0.00	46.25 -1.22 0.00	34.87 -1.15 0.00	33.71 -1.02 0.00	39.26 -1.80 0.00	39.99 -2.38 0.00	48.42 -3.29 0.00	44.21 -3.00 0.00	46.25 -3.27 0.00	33.60 -2.38 0.00	32.08 -1.86 0.00	30.03 -1.57 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	36.29 -0.02 0.00	37.08 0.07 0.00	25.30 -0.25 9.21	-9.43 -0.22 46.37	-20.25 -0.19 58.72	-0.75 -0.32 46.44	82.46 0.20 0.00	108.36 0.39 0.00	58.96 1.06 0.00	33.63 0.96 0.00	35.02 0.91 0.00	35.46 0.76 0.00	41.12 0.71 0.00	48.26 0.78 0.00	36.62 0.60 0.00	35.78 1.05 0.00	42.76 1.70 0.00	44.32 1.94 0.00	53.97 2.26 0.00	49.23 2.02 0.00	51.59 2.07 0.00	37.60 1.63 0.00	35.22 1.28 0.00	32.59 1.00 0.00
LACHUTE__HYDRO 323717	38.93 2.62 0.00	39.83 2.81 0.00	37.39 2.63 0.00	39.90 2.73 0.00	41.46 2.80 0.00	49.70 3.69 0.00	90.83 8.58 0.00	118.21 10.24 0.00	61.88 3.98 0.00	34.45 1.79 0.00	35.60 1.49 0.00	35.98 1.28 0.00	41.91 1.50 0.00	49.21 1.74 0.00	37.36 1.34 0.00	36.51 1.78 0.00	44.02 2.96 0.00	46.05 3.67 0.00	57.02 5.31 0.00	51.91 4.71 0.00	54.55 5.03 0.00	39.33 3.35 0.00	37.08 3.14 0.00	34.30 2.69 0.00
LAWRNCALV_115KV_TB1 80681	35.81 -0.50 0.00	36.55 -0.47 0.00	35.38 -0.64 -1.27	43.07 -0.48 -6.37	46.43 -0.30 -8.07	52.00 -0.39 -6.38	82.05 -0.20 0.00	107.59 -0.38 0.00	57.86 -0.04 0.00	32.70 0.04 0.00	33.94 -0.17 0.00	34.41 -0.29 0.00	40.06 -0.34 0.00	47.09 -0.39 0.00	35.95 -0.08 0.00	34.95 0.22 0.00	41.59 0.53 0.00	42.92 0.55 0.00	52.06 0.34 0.00	47.41 0.20 0.00	49.76 0.24 0.00	36.22 0.25 0.00	34.12 0.18 0.00	31.74 0.14 0.00
LEDERLE____ 23769	37.55 1.23 0.00	38.23 1.21 0.00	35.94 1.18 0.00	38.40 1.23 0.00	39.97 1.31 0.00	47.56 1.55 0.00	85.32 3.07 0.00	112.44 4.47 0.00	60.11 2.21 0.00	33.75 1.09 0.00	34.99 0.88 0.00	35.54 0.84 0.00	41.42 1.01 0.00	48.80 1.32 0.00	37.12 1.10 0.00	35.68 0.95 0.00	42.10 1.03 0.00	43.73 1.35 0.00	53.63 1.92 0.00	49.13 1.93 0.00	51.50 1.98 0.00	37.27 1.29 0.00	35.04 1.10 0.00	32.51 0.91 0.00
LIGHTHSE_115KV_TB6 355974	35.37 -0.94 0.00	36.02 -1.00 0.00	33.85 -0.91 0.00	36.50 -0.67 0.00	38.11 -0.55 0.00	45.60 -0.41 0.00	81.93 -0.32 0.00	107.58 -0.39 0.00	57.46 -0.44 0.00	32.33 -0.33 0.00	33.75 -0.36 0.00	34.20 -0.50 0.00	39.81 -0.60 0.00	47.04 -0.43 0.00	35.94 -0.08 0.00	34.68 -0.06 0.00	40.95 -0.12 0.00	42.18 -0.19 0.00	51.48 -0.24 0.00	46.94 -0.26 0.00	49.18 -0.34 0.00	35.62 -0.36 0.00	33.59 -0.35 0.00	31.26 -0.34 0.00
LINDEN COGEN____ 23786	37.53 1.22 0.00	38.19 1.17 0.00	35.89 1.13 0.00	38.34 1.17 0.00	39.91 1.25 0.00	47.38 1.37 0.00	84.98 2.73 0.00	112.23 4.26 0.00	60.08 2.18 0.00	33.77 1.11 0.00	34.99 0.88 0.00	35.54 0.83 0.00	41.32 0.91 0.00	48.67 1.20 0.00	37.03 1.01 0.00	35.54 0.81 0.00	42.07 1.01 0.00	43.68 1.30 0.00	53.58 1.87 0.00	49.12 1.92 0.00	51.49 1.97 0.00	37.30 1.33 0.00	35.07 1.14 0.00	32.53 0.93 0.00
LINDHRST_69_KV_BK1 356055	38.04 1.72 0.00	38.84 1.82 0.00	36.43 1.67 0.00	38.85 1.68 0.00	40.39 1.73 0.00	48.13 2.12 0.00	98.58 4.34 -11.99	121.24 6.57 -6.69	73.75 3.68 -12.17	67.48 1.96 -32.86	35.83 1.72 0.00	36.26 1.56 0.00	42.09 1.68 0.00	111.40 2.58 -61.35	51.40 1.99 -13.39	36.09 1.36 0.00	42.88 1.82 0.00	44.65 2.28 0.00	54.91 3.19 0.00	50.39 3.19 0.00	52.75 3.23 0.00	38.17 2.20 0.00	39.19 2.03 -3.23	33.28 1.68 0.00
LIPA_MISC_IPP 23656	37.34 1.04 0.00	38.12 1.10 0.00	35.79 1.02 0.00	38.18 1.01 0.00	39.69 1.03 0.00	47.49 1.48 0.00	97.36 3.12 -11.99	119.07 4.41 -6.69	72.55 2.48 -12.17	66.74 1.22 -32.86	34.86 0.75 0.00	35.16 0.45 0.00	40.81 0.40 0.00	109.92 1.10 -61.35	50.41 1.00 -13.39	35.05 0.32 0.00	41.83 0.77 0.00	43.55 1.18 0.00	53.86 2.14 0.00	49.52 2.31 0.00	51.79 2.28 0.00	37.37 1.39 0.00	36.18 1.25 -0.99	32.43 0.83 0.00
LISF__SOLAR 323691	37.40 1.09 0.00	38.17 1.16 0.00	35.83 1.07 0.00	38.23 1.06 0.00	39.75 1.09 0.00	47.57 1.56 0.00	97.51 3.27 -11.99	119.23 4.57 -6.69	72.62 2.55 -12.17	66.77 1.26 -32.86	34.87 0.76 0.00	35.14 0.44 0.00	40.80 0.39 0.00	109.91 1.09 -61.35	50.44 1.03 -13.39	35.07 0.34 0.00	41.89 0.83 0.00	43.61 1.24 0.00	53.94 2.23 0.00	49.61 2.40 0.00	51.90 2.38 0.00	37.43 1.46 0.00	36.26 1.31 -1.01	32.47 0.87 0.00





MID___OSWEGATCHIE_HYD 23849	35.26 -1.05 0.00	35.91 -1.11 0.00	34.62 -1.17 -1.03	41.63 -0.72 -5.18	44.83 -0.38 -6.55	50.89 -0.30 -5.18	82.66 0.41 0.00	108.62 0.66 0.00	58.12 0.22 0.00	32.65 -0.01 0.00	33.81 -0.30 0.00	34.13 -0.57 0.00	39.72 -0.69 0.00	46.97 -0.50 0.00	36.08 0.06 0.00	35.08 0.34 0.00	41.73 0.67 0.00	43.14 0.76 0.00	52.48 0.77 0.00	47.79 0.59 0.00	50.12 0.60 0.00	36.37 0.39 0.00	34.24 0.30 0.00	31.77 0.17 0.00
MID___RAQUETTE_HYD 23851	35.61 -0.70 0.00	36.35 -0.67 0.00	35.42 -0.85 -1.51	44.13 -0.65 -7.61	47.82 -0.47 -9.63	53.04 -0.59 -7.62	81.80 -0.45 0.00	107.27 -0.70 0.00	57.67 -0.23 0.00	32.57 -0.09 0.00	33.77 -0.34 0.00	34.22 -0.49 0.00	39.83 -0.58 0.00	46.82 -0.65 0.00	35.77 -0.25 0.00	34.83 0.09 0.00	41.46 0.40 0.00	42.83 0.45 0.00	51.92 0.21 0.00	47.29 0.08 0.00	49.64 0.12 0.00	36.13 0.16 0.00	34.02 0.08 0.00	31.64 0.03 0.00
MILLIKEN___1 23584	36.51 0.20 0.00	37.23 0.21 0.00	35.03 0.27 0.00	37.50 0.34 0.00	39.00 0.34 0.00	46.55 0.54 0.00	83.38 1.12 0.00	109.65 1.68 0.00	58.42 0.52 0.00	32.77 0.11 0.00	34.41 0.30 0.00	35.23 0.53 0.00	41.15 0.74 0.00	48.27 0.80 0.00	36.48 0.45 0.00	35.22 0.49 0.00	41.57 0.51 0.00	42.84 0.46 0.00	52.32 0.61 0.00	47.75 0.55 0.00	49.94 0.43 0.00	36.15 0.17 0.00	34.05 0.11 0.00	31.68 0.07 0.00
MILLIKEN___2 23585	36.51 0.20 0.00	37.23 0.21 0.00	35.03 0.27 0.00	37.50 0.34 0.00	39.00 0.34 0.00	46.55 0.54 0.00	83.38 1.12 0.00	109.65 1.68 0.00	58.42 0.52 0.00	32.77 0.11 0.00	34.41 0.30 0.00	35.23 0.53 0.00	41.15 0.74 0.00	48.27 0.80 0.00	36.48 0.45 0.00	35.22 0.49 0.00	41.57 0.51 0.00	42.84 0.46 0.00	52.32 0.61 0.00	47.75 0.55 0.00	49.94 0.43 0.00	36.15 0.17 0.00	34.05 0.11 0.00	31.68 0.07 0.00
MILLIKEN___DIESEL 23629	36.51 0.20 0.00	37.23 0.21 0.00	35.03 0.27 0.00	37.50 0.34 0.00	39.00 0.34 0.00	46.55 0.54 0.00	83.38 1.12 0.00	109.65 1.68 0.00	58.42 0.52 0.00	32.77 0.11 0.00	34.41 0.30 0.00	35.23 0.53 0.00	41.15 0.74 0.00	48.27 0.80 0.00	36.48 0.45 0.00	35.22 0.49 0.00	41.57 0.51 0.00	42.84 0.46 0.00	52.32 0.61 0.00	47.75 0.55 0.00	49.94 0.43 0.00	36.15 0.17 0.00	34.05 0.11 0.00	31.68 0.07 0.00
MILLSEAT___LFGE 323607	35.49 -0.82 0.00	36.36 -0.66 0.00	34.07 -0.69 0.00	36.47 -0.70 0.00	37.85 -0.81 0.00	45.30 -0.71 0.00	79.35 -2.90 0.00	103.02 -4.95 0.00	55.76 -2.14 0.00	31.94 -0.72 0.00	33.86 -0.24 0.00	34.71 0.01 0.00	40.20 -0.20 0.00	46.67 -0.80 0.00	35.25 -0.77 0.00	34.27 -0.46 0.00	39.88 -1.18 0.00	40.62 -1.76 0.00	49.18 -2.53 0.00	44.90 -2.31 0.00	46.95 -2.57 0.00	34.07 -1.90 0.00	32.60 -1.34 0.00	30.51 -1.09 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.53 1.21 0.00	38.19 1.17 0.00	35.88 1.12 0.00	38.34 1.17 0.00	39.90 1.24 0.00	47.37 1.36 0.00	84.95 2.70 0.00	112.05 4.08 0.00	59.93 2.03 0.00	33.66 1.00 0.00	34.89 0.78 0.00	35.43 0.73 0.00	41.23 0.82 0.00	48.59 1.12 0.00	36.94 0.92 0.00	35.45 0.72 0.00	41.99 0.93 0.00	43.61 1.23 0.00	53.53 1.82 0.00	49.02 1.82 0.00	51.41 1.89 0.00	37.24 1.27 0.00	35.01 1.08 0.00	32.50 0.90 0.00
MILLWOOD_13_KV_LOAD 356217	37.57 1.26 0.00	38.24 1.22 0.00	35.94 1.17 0.00	38.39 1.22 0.00	39.95 1.29 0.00	47.43 1.42 0.00	85.07 2.82 0.00	112.21 4.24 0.00	60.02 2.12 0.00	33.71 1.05 0.00	34.95 0.83 0.00	35.46 0.76 0.00	41.27 0.87 0.00	48.65 1.18 0.00	36.98 0.96 0.00	35.50 0.77 0.00	42.05 0.99 0.00	43.65 1.27 0.00	53.60 1.89 0.00	49.11 1.90 0.00	51.48 1.96 0.00	37.29 1.32 0.00	35.07 1.13 0.00	32.53 0.93 0.00
MODEL_CITY_ENERGY 24167	34.49 -1.82 0.00	35.37 -1.65 0.00	33.13 -1.63 0.00	35.46 -1.71 0.00	36.77 -1.89 0.00	43.92 -2.09 0.00	76.29 -5.97 0.00	98.55 -9.42 0.00	53.56 -4.34 0.00	30.82 -1.84 0.00	32.65 -1.46 0.00	33.51 -1.20 0.00	38.99 -1.41 0.00	45.33 -2.15 0.00	34.20 -1.82 0.00	33.14 -1.60 0.00	38.45 -2.61 0.00	39.07 -3.31 0.00	47.23 -4.49 0.00	43.08 -4.13 0.00	45.06 -4.45 0.00	32.78 -3.19 0.00	31.54 -2.40 0.00	29.61 -1.99 0.00
MODERN_LFGE___ 323580	34.49 -1.82 0.00	35.37 -1.65 0.00	33.13 -1.63 0.00	35.46 -1.71 0.00	36.77 -1.89 0.00	43.92 -2.09 0.00	76.29 -5.97 0.00	98.55 -9.42 0.00	53.56 -4.34 0.00	30.82 -1.84 0.00	32.65 -1.46 0.00	33.51 -1.20 0.00	38.99 -1.41 0.00	45.33 -2.15 0.00	34.20 -1.82 0.00	33.14 -1.60 0.00	38.45 -2.61 0.00	39.07 -3.31 0.00	47.23 -4.49 0.00	43.08 -4.13 0.00	45.06 -4.45 0.00	32.78 -3.19 0.00	31.54 -2.40 0.00	29.61 -1.99 0.00
MOHAWK_PAPER___DRP 24187	37.79 1.48 0.00	38.40 1.38 0.00	36.08 1.32 0.00	38.51 1.34 0.00	40.08 1.42 0.00	47.63 1.62 0.00	85.20 2.95 0.00	111.84 3.87 0.00	59.60 1.70 0.00	33.37 0.71 0.00	34.58 0.47 0.00	35.13 0.43 0.00	40.77 0.37 0.00	47.87 0.40 0.00	36.15 0.13 0.00	34.77 0.04 0.00	41.24 0.18 0.00	42.79 0.42 0.00	52.43 0.72 0.00	47.91 0.70 0.00	50.32 0.80 0.00	36.56 0.58 0.00	34.51 0.57 0.00	32.20 0.60 0.00
MOHICAN___35_KV_115KV_LD 80490	38.37 2.06 0.00	39.09 2.07 0.00	36.70 1.94 0.00	39.17 2.00 0.00	40.75 2.09 0.00	48.65 2.64 0.00	87.74 5.49 0.00	114.92 6.95 0.00	60.79 2.89 0.00	33.93 1.26 0.00	35.23 1.12 0.00	35.59 0.88 0.00	41.31 0.90 0.00	48.70 1.23 0.00	36.95 0.92 0.00	35.93 1.20 0.00	42.88 1.81 0.00	44.57 2.19 0.00	54.84 3.12 0.00	50.06 2.86 0.00	52.53 3.01 0.00	38.07 2.10 0.00	35.89 1.95 0.00	33.29 1.69 0.00
MONGAUP___HYD 23641	37.77 1.45 0.00	38.44 1.42 0.00	36.22 1.46 0.00	38.70 1.53 0.00	40.27 1.62 0.00	47.87 1.86 0.00	85.39 3.13 0.00	111.62 3.65 0.00	59.52 1.62 0.00	33.28 0.61 0.00	34.45 0.34 0.00	34.96 0.25 0.00	41.16 0.75 0.00	48.43 0.96 0.00	36.64 0.61 0.00	35.48 0.74 0.00	42.27 1.21 0.00	43.92 1.55 0.00	53.69 1.98 0.00	49.27 2.06 0.00	51.69 2.17 0.00	37.65 1.67 0.00	35.39 1.46 0.00	32.82 1.22 0.00
MONTAUK___DIESEL 23721	38.23 1.92 0.00	39.02 2.00 0.00	36.63 1.88 0.00	39.11 1.94 0.00	40.69 2.03 0.00	48.82 2.81 0.00	99.78 5.54 -11.99	122.18 7.52 -6.69	74.09 4.02 -12.17	66.22 0.70 -32.86	33.80 -0.31 0.00	34.02 -0.69 0.00	39.54 -0.86 0.00	108.36 -0.46 -61.35	49.82 0.42 -13.39	34.35 -0.38 0.00	40.99 -0.08 0.00	43.10 0.73 0.00	53.01 1.30 0.00	48.77 1.56 0.00	50.77 1.25 0.00	36.54 0.57 0.00	35.35 0.42 -1.00	31.58 -0.02 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	34.59 -1.73 0.00	36.32 -0.70 0.00	34.48 -0.28 0.00	36.99 -0.18 0.00	38.64 -0.02 0.00	46.31 0.31 0.00	81.84 -0.42 0.00	107.19 -0.78 0.00	57.39 -0.51 0.00	32.62 -0.05 0.00	34.29 0.18 0.00	35.13 0.43 0.00	41.00 0.59 0.00	47.75 0.27 0.00	35.38 -0.64 0.00	33.92 -0.81 0.00	39.48 -1.59 0.00	40.35 -2.02 0.00	48.91 -2.80 0.00	43.57 -3.64 0.00	44.81 -4.71 0.00	32.82 -3.16 0.00	31.30 -2.63 0.00	28.81 -2.79 0.00







NEG CENTRAL_HIGH_ACRES 23767	35.13 -1.18 0.00	35.90 -1.12 0.00	33.68 -1.08 0.00	36.02 -1.15 0.00	37.42 -1.24 0.00	44.72 -1.29 0.00	79.29 -2.97 0.00	103.58 -4.39 0.00	55.76 -2.14 0.00	31.69 -0.97 0.00	33.38 -0.73 0.00	34.19 -0.52 0.00	39.82 -0.59 0.00	46.51 -0.96 0.00	35.15 -0.87 0.00	34.00 -0.74 0.00	39.84 -1.22 0.00	40.78 -1.60 0.00	49.54 -2.17 0.00	45.23 -1.97 0.00	47.34 -2.18 0.00	34.33 -1.65 0.00	32.54 -1.40 0.00	30.37 -1.23 0.00
NEG CENTRAL___DRP 24199	35.91 -0.40 0.00	36.69 -0.33 0.00	34.53 -0.23 0.00	37.01 -0.16 0.00	38.50 -0.15 0.00	45.96 -0.05 0.00	81.96 -0.30 0.00	107.61 -0.36 0.00	57.50 -0.41 0.00	32.49 -0.17 0.00	34.22 0.11 0.00	35.00 0.30 0.00	40.74 0.33 0.00	47.69 0.22 0.00	36.01 -0.02 0.00	34.75 0.02 0.00	40.92 -0.15 0.00	42.03 -0.34 0.00	51.23 -0.49 0.00	46.71 -0.49 0.00	48.84 -0.68 0.00	35.37 -0.60 0.00	33.33 -0.61 0.00	31.06 -0.54 0.00
NEG CENTRAL___INDECK 23768	35.76 -0.55 0.00	36.67 -0.35 0.00	34.57 -0.18 0.00	37.29 0.12 0.00	38.97 0.32 0.00	46.72 0.71 0.00	83.11 0.86 0.00	108.71 0.75 0.00	58.22 0.32 0.00	33.14 0.48 0.00	34.97 0.87 0.00	35.62 0.91 0.00	41.07 0.67 0.00	47.64 0.16 0.00	36.00 -0.02 0.00	34.86 0.13 0.00	41.16 0.10 0.00	42.02 -0.36 0.00	51.19 -0.53 0.00	46.48 -0.72 0.00	48.49 -1.03 0.00	35.07 -0.90 0.00	33.13 -0.81 0.00	30.87 -0.73 0.00
NEG CENTRAL___SENECA 23627	35.81 -0.50 0.00	36.64 -0.39 0.00	34.49 -0.27 0.00	37.02 -0.15 0.00	38.53 -0.12 0.00	46.05 0.04 0.00	82.06 -0.20 0.00	107.66 -0.31 0.00	57.52 -0.38 0.00	32.56 -0.10 0.00	34.34 0.23 0.00	35.15 0.44 0.00	40.87 0.47 0.00	47.77 0.30 0.00	35.99 -0.03 0.00	34.74 0.01 0.00	40.94 -0.12 0.00	42.01 -0.36 0.00	51.16 -0.55 0.00	46.62 -0.58 0.00	48.72 -0.80 0.00	35.25 -0.73 0.00	33.18 -0.76 0.00	30.95 -0.65 0.00
NEG CENTRAL___STATE_STREET 24147	36.31 0.00 0.00	37.06 0.05 0.00	34.85 0.09 0.00	37.31 0.14 0.00	38.79 0.13 0.00	46.12 0.11 0.00	82.35 0.10 0.00	108.35 0.39 0.00	57.87 -0.03 0.00	32.55 -0.12 0.00	34.18 0.07 0.00	34.96 0.26 0.00	40.76 0.35 0.00	47.93 0.45 0.00	36.24 0.22 0.00	35.01 0.28 0.00	41.10 0.04 0.00	42.39 0.01 0.00	51.71 0.00 0.00	47.19 -0.02 0.00	49.38 -0.14 0.00	35.81 -0.16 0.00	33.78 -0.15 0.00	31.45 -0.15 0.00
NEG MILLWOOD___DRP 24198	37.93 1.62 0.00	38.59 1.57 0.00	36.25 1.49 0.00	38.73 1.56 0.00	40.31 1.66 0.00	47.90 1.89 0.00	86.02 3.76 0.00	113.43 5.46 0.00	60.61 2.71 0.00	34.01 1.35 0.00	35.22 1.11 0.00	35.73 1.03 0.00	41.62 1.22 0.00	49.08 1.61 0.00	37.24 1.22 0.00	35.77 1.04 0.00	42.39 1.33 0.00	44.03 1.66 0.00	54.06 2.35 0.00	49.53 2.33 0.00	51.95 2.43 0.00	37.63 1.65 0.00	35.37 1.44 0.00	32.79 1.19 0.00
NEG NORTH_FLCN_SEA 23793	35.99 -0.32 0.00	36.78 -0.24 0.00	25.02 -0.52 9.21	-9.74 -0.54 46.37	-20.61 -0.54 58.72	-1.22 -0.78 46.44	81.54 -0.71 0.00	106.96 -1.01 0.00	58.35 0.45 0.00	33.35 0.68 0.00	34.79 0.68 0.00	35.25 0.54 0.00	40.87 0.46 0.00	47.98 0.50 0.00	36.42 0.40 0.00	35.52 0.79 0.00	42.39 1.32 0.00	43.92 1.54 0.00	53.46 1.75 0.00	48.76 1.55 0.00	51.06 1.54 0.00	37.24 1.26 0.00	34.90 0.96 0.00	32.30 0.70 0.00
NEG NORTH_KES_CHATEGAY 23792	35.50 -0.82 0.00	36.29 -0.73 0.00	23.72 -1.01 10.03	-14.35 -1.06 50.46	-26.24 -1.00 63.90	-5.67 -1.15 50.53	80.98 -1.27 0.00	106.67 -1.31 0.00	58.00 0.10 0.00	33.16 0.49 0.00	34.58 0.47 0.00	35.08 0.38 0.00	40.74 0.34 0.00	47.82 0.34 0.00	36.31 0.29 0.00	35.37 0.64 0.00	42.21 1.15 0.00	43.68 1.30 0.00	53.07 1.36 0.00	48.38 1.17 0.00	50.72 1.20 0.00	36.96 0.99 0.00	34.71 0.77 0.00	32.12 0.52 0.00
NEG NORTH___ALICE_FALLS 23915	36.29 -0.02 0.00	37.08 0.07 0.00	25.30 -0.25 9.21	-9.43 -0.22 46.37	-20.25 -0.19 58.72	-0.75 -0.32 46.44	82.46 0.20 0.00	108.36 0.39 0.00	58.96 1.06 0.00	33.63 0.96 0.00	35.02 0.91 0.00	35.46 0.76 0.00	41.12 0.71 0.00	48.26 0.78 0.00	36.62 0.60 0.00	35.78 1.05 0.00	42.76 1.70 0.00	44.32 1.94 0.00	53.97 2.26 0.00	49.23 2.02 0.00	51.59 2.07 0.00	37.60 1.63 0.00	35.22 1.28 0.00	32.59 1.00 0.00
NEG NORTH___LWR_SARANAC 23913	36.29 -0.02 0.00	37.08 0.07 0.00	25.30 -0.25 9.21	-9.43 -0.22 46.37	-20.25 -0.19 58.72	-0.75 -0.32 46.44	82.46 0.20 0.00	108.36 0.39 0.00	58.96 1.06 0.00	33.63 0.96 0.00	35.02 0.91 0.00	35.46 0.76 0.00	41.12 0.71 0.00	48.26 0.78 0.00	36.62 0.60 0.00	35.78 1.05 0.00	42.76 1.70 0.00	44.32 1.94 0.00	53.97 2.26 0.00	49.23 2.02 0.00	51.59 2.07 0.00	37.60 1.63 0.00	35.22 1.28 0.00	32.59 1.00 0.00
NEG NORTH___PLATTSBURG 23628	36.29 -0.02 0.00	37.08 0.07 0.00	25.30 -0.25 9.21	-9.43 -0.22 46.37	-20.25 -0.19 58.72	-0.75 -0.32 46.44	82.46 0.20 0.00	108.36 0.39 0.00	58.96 1.06 0.00	33.63 0.96 0.00	35.02 0.91 0.00	35.46 0.76 0.00	41.12 0.71 0.00	48.26 0.78 0.00	36.62 0.60 0.00	35.78 1.05 0.00	42.77 1.70 0.00	44.32 1.94 0.00	53.97 2.26 0.00	49.23 2.02 0.00	51.59 2.07 0.00	37.60 1.63 0.00	35.21 1.28 0.00	32.59 0.99 0.00
NEG WEST_LEA_LOCKPORT 23791	34.66 -1.66 0.00	35.56 -1.46 0.00	33.34 -1.42 0.00	35.70 -1.47 0.00	37.03 -1.63 0.00	44.25 -1.76 0.00	77.09 -5.17 0.00	99.75 -8.22 0.00	54.16 -3.75 0.00	31.13 -1.54 0.00	32.97 -1.14 0.00	33.83 -0.87 0.00	39.36 -1.05 0.00	45.74 -1.74 0.00	34.49 -1.53 0.00	33.41 -1.33 0.00	38.81 -2.25 0.00	39.45 -2.93 0.00	47.71 -4.00 0.00	43.50 -3.70 0.00	45.47 -4.05 0.00	33.05 -2.92 0.00	31.72 -2.22 0.00	29.74 -1.86 0.00
NEG WEST___LANCASTR 23811	35.02 -1.30 0.00	35.98 -1.04 0.00	33.76 -1.01 0.00	36.16 -1.01 0.00	37.45 -1.20 0.00	44.73 -1.28 0.00	78.52 -3.73 0.00	102.29 -5.68 0.00	55.29 -2.61 0.00	31.69 -0.97 0.00	33.56 -0.55 0.00	34.49 -0.22 0.00	40.18 -0.23 0.00	46.87 -0.61 0.00	35.15 -0.87 0.00	33.96 -0.78 0.00	39.59 -1.47 0.00	40.30 -2.07 0.00	48.73 -2.98 0.00	44.50 -2.71 0.00	46.47 -3.05 0.00	33.71 -2.27 0.00	32.15 -1.79 0.00	30.07 -1.53 0.00
NEG_PENN_ALLEGHNY 23528	35.97 -0.34 0.00	36.73 -0.29 0.00	34.56 -0.20 0.00	37.02 -0.15 0.00	38.45 -0.21 0.00	45.86 -0.15 0.00	81.89 -0.37 0.00	107.61 -0.36 0.00	57.42 -0.48 0.00	32.47 -0.19 0.00	34.06 -0.05 0.00	34.79 0.08 0.00	40.53 0.12 0.00	47.58 0.11 0.00	35.93 -0.08 0.00	34.59 -0.14 0.00	40.83 -0.23 0.00	42.06 -0.31 0.00	51.28 -0.43 0.00	46.78 -0.42 0.00	48.97 -0.55 0.00	35.49 -0.49 0.00	33.41 -0.52 0.00	31.11 -0.49 0.00
NEG___GEN_MONROE 24207	35.81 -0.50 0.00	36.62 -0.40 0.00	34.32 -0.44 0.00	36.77 -0.40 0.00	38.16 -0.50 0.00	45.59 -0.42 0.00	80.53 -1.72 0.00	104.98 -2.99 0.00	56.61 -1.29 0.00	32.26 -0.40 0.00	34.09 -0.02 0.00	34.92 0.21 0.00	40.55 0.14 0.00	47.23 -0.25 0.00	35.68 -0.34 0.00	34.61 -0.13 0.00	40.47 -0.59 0.00	41.36 -1.02 0.00	50.18 -1.54 0.00	45.84 -1.36 0.00	47.95 -1.57 0.00	34.79 -1.19 0.00	33.10 -0.84 0.00	30.89 -0.71 0.00

NEPA___ENERGY 23901	34.71 -1.60 0.00	35.98 -1.04 0.00	33.97 -0.78 0.00	36.42 -0.75 0.00	37.75 -0.91 0.00	45.07 -0.93 0.00	79.60 -2.65 0.00	104.28 -3.69 0.00	55.73 -2.17 0.00	31.85 -0.81 0.00	33.62 -0.49 0.00	34.39 -0.31 0.00	40.11 -0.29 0.00	46.95 -0.53 0.00	35.08 -0.94 0.00	33.75 -0.98 0.00	39.44 -1.62 0.00	40.36 -2.01 0.00	48.93 -2.78 0.00	44.48 -2.72 0.00	46.19 -3.33 0.00	33.48 -2.49 0.00	31.84 -2.10 0.00	29.60 -2.00 0.00
NEVERSink___HYD 23608	38.18 1.87 0.00	38.90 1.88 0.00	36.58 1.82 0.00	39.11 1.94 0.00	40.73 2.08 0.00	48.44 2.44 0.00	86.84 4.58 0.00	114.15 6.19 0.00	60.93 3.03 0.00	34.12 1.45 0.00	35.29 1.18 0.00	35.77 1.07 0.00	42.02 1.61 0.00	49.18 1.71 0.00	37.06 1.04 0.00	35.67 0.93 0.00	42.31 1.25 0.00	43.97 1.60 0.00	53.95 2.23 0.00	49.40 2.19 0.00	51.77 2.25 0.00	37.51 1.53 0.00	35.25 1.31 0.00	32.69 1.09 0.00
NEWKRMKL_115KV_TB1 55635	37.65 1.33 0.00	38.28 1.26 0.00	35.97 1.20 0.00	38.40 1.23 0.00	39.95 1.29 0.00	47.48 1.47 0.00	84.91 2.66 0.00	111.48 3.51 0.00	59.46 1.56 0.00	33.35 0.69 0.00	34.60 0.49 0.00	35.16 0.45 0.00	40.79 0.38 0.00	47.73 0.25 0.00	35.94 -0.08 0.00	34.51 -0.22 0.00	40.84 -0.22 0.00	42.36 -0.02 0.00	51.96 0.25 0.00	47.47 0.27 0.00	49.83 0.31 0.00	36.22 0.24 0.00	34.19 0.25 0.00	31.98 0.38 0.00
NEWTON___FALLS_HYD 23847	35.26 -1.05 0.00	35.91 -1.11 0.00	34.62 -1.17 -1.03	41.63 -0.72 -5.18	44.83 -0.38 -6.55	50.89 -0.30 -5.18	82.66 0.41 0.00	108.62 0.66 0.00	58.12 0.22 0.00	32.65 -0.01 0.00	33.81 -0.30 0.00	34.13 -0.57 0.00	39.72 -0.69 0.00	46.97 -0.50 0.00	36.08 0.06 0.00	35.08 0.34 0.00	41.73 0.67 0.00	43.14 0.76 0.00	52.48 0.77 0.00	47.79 0.59 0.00	50.12 0.60 0.00	36.37 0.39 0.00	34.24 0.30 0.00	31.77 0.17 0.00
NGRID_A1_DSASP 323792	34.30 -2.01 0.00	35.17 -1.85 0.00	32.92 -1.85 0.00	35.21 -1.96 0.00	36.48 -2.17 0.00	43.59 -2.42 0.00	75.88 -6.37 0.00	98.09 -9.88 0.00	53.37 -4.53 0.00	30.70 -1.96 0.00	32.53 -1.58 0.00	33.40 -1.30 0.00	38.95 -1.46 0.00	45.33 -2.15 0.00	34.16 -1.86 0.00	33.09 -1.65 0.00	38.38 -2.68 0.00	38.98 -3.40 0.00	47.11 -4.61 0.00	42.96 -4.24 0.00	44.96 -4.56 0.00	32.72 -3.25 0.00	31.39 -2.55 0.00	29.46 -2.14 0.00
NGRID_A2_DSASP 323793	34.30 -2.01 0.00	35.17 -1.85 0.00	32.92 -1.85 0.00	35.21 -1.96 0.00	36.48 -2.17 0.00	43.59 -2.42 0.00	75.88 -6.37 0.00	98.09 -9.88 0.00	53.37 -4.53 0.00	30.70 -1.96 0.00	32.53 -1.58 0.00	33.40 -1.30 0.00	38.95 -1.46 0.00	45.33 -2.15 0.00	34.16 -1.86 0.00	33.09 -1.65 0.00	38.38 -2.68 0.00	38.98 -3.40 0.00	47.11 -4.61 0.00	42.96 -4.24 0.00	44.96 -4.56 0.00	32.72 -3.25 0.00	31.39 -2.55 0.00	29.46 -2.14 0.00
NGRID_A4_DSASP 323807	34.30 -2.01 0.00	35.17 -1.85 0.00	32.92 -1.85 0.00	35.21 -1.96 0.00	36.48 -2.17 0.00	43.59 -2.42 0.00	75.88 -6.37 0.00	98.09 -9.88 0.00	53.37 -4.53 0.00	30.70 -1.96 0.00	32.53 -1.58 0.00	33.40 -1.30 0.00	38.95 -1.46 0.00	45.33 -2.15 0.00	34.16 -1.86 0.00	33.09 -1.65 0.00	38.38 -2.68 0.00	38.98 -3.40 0.00	47.11 -4.61 0.00	42.96 -4.24 0.00	44.96 -4.56 0.00	32.72 -3.25 0.00	31.39 -2.55 0.00	29.46 -2.14 0.00
NIAGARA_115E_LBMP 323715	34.36 -1.95 0.00	35.24 -1.78 0.00	32.99 -1.77 0.00	35.31 -1.86 0.00	36.60 -2.06 0.00	43.71 -2.30 0.00	75.81 -6.44 0.00	97.86 -10.11 0.00	53.21 -4.69 0.00	30.64 -2.02 0.00	32.47 -1.65 0.00	33.32 -1.39 0.00	38.79 -1.62 0.00	45.10 -2.37 0.00	34.03 -1.99 0.00	32.95 -1.78 0.00	38.21 -2.85 0.00	38.83 -3.55 0.00	46.92 -4.79 0.00	42.81 -4.40 0.00	44.78 -4.74 0.00	32.59 -3.38 0.00	31.40 -2.54 0.00	29.48 -2.12 0.00
NIAGARA_115W_LBMP 323714	34.20 -2.11 0.00	35.07 -1.95 0.00	32.82 -1.94 0.00	35.12 -2.06 0.00	36.38 -2.28 0.00	43.45 -2.56 0.00	75.65 -6.60 0.00	97.81 -10.16 0.00	53.20 -4.70 0.00	30.61 -2.06 0.00	32.43 -1.68 0.00	33.29 -1.41 0.00	38.82 -1.58 0.00	45.18 -2.30 0.00	34.05 -1.97 0.00	32.97 -1.76 0.00	38.26 -2.81 0.00	38.85 -3.53 0.00	46.95 -4.76 0.00	42.83 -4.38 0.00	44.82 -4.69 0.00	32.63 -3.35 0.00	31.29 -2.64 0.00	29.37 -2.23 0.00
NIAGARA_230_LBMP 323716	34.48 -1.84 0.00	35.36 -1.66 0.00	33.10 -1.66 0.00	35.42 -1.75 0.00	36.69 -1.96 0.00	43.82 -2.19 0.00	76.38 -5.87 0.00	98.93 -9.04 0.00	53.77 -4.13 0.00	30.89 -1.78 0.00	32.70 -1.41 0.00	33.57 -1.13 0.00	39.14 -1.27 0.00	45.59 -1.88 0.00	34.33 -1.69 0.00	33.23 -1.50 0.00	38.60 -2.46 0.00	39.22 -3.16 0.00	47.40 -4.32 0.00	43.26 -3.95 0.00	45.27 -4.24 0.00	32.92 -3.05 0.00	31.56 -2.38 0.00	29.63 -1.97 0.00
NIAGARA___115KV_198_GIBSON 55903	34.20 -2.11 0.00	35.06 -1.96 0.00	32.82 -1.94 0.00	35.11 -2.06 0.00	36.37 -2.28 0.00	43.45 -2.56 0.00	75.64 -6.61 0.00	97.79 -10.18 0.00	53.18 -4.72 0.00	30.60 -2.06 0.00	32.43 -1.68 0.00	33.30 -1.40 0.00	38.82 -1.58 0.00	45.18 -2.30 0.00	34.05 -1.97 0.00	32.97 -1.76 0.00	38.25 -2.81 0.00	38.85 -3.53 0.00	46.95 -4.77 0.00	42.83 -4.37 0.00	44.81 -4.71 0.00	32.63 -3.35 0.00	31.30 -2.64 0.00	29.35 -2.25 0.00
NIAGARA___ 23760	34.48 -1.84 0.00	35.36 -1.66 0.00	33.10 -1.66 0.00	35.42 -1.75 0.00	36.69 -1.96 0.00	43.82 -2.19 0.00	76.38 -5.87 0.00	98.93 -9.04 0.00	53.77 -4.13 0.00	30.89 -1.78 0.00	32.70 -1.41 0.00	33.57 -1.13 0.00	39.14 -1.27 0.00	45.59 -1.88 0.00	34.33 -1.69 0.00	33.23 -1.50 0.00	38.60 -2.46 0.00	39.22 -3.16 0.00	47.40 -4.32 0.00	43.26 -3.95 0.00	45.27 -4.24 0.00	32.92 -3.05 0.00	31.56 -2.38 0.00	29.63 -1.97 0.00
NINE_MILE_1 23575	35.25 -1.07 0.00	35.95 -1.07 0.00	33.81 -0.95 0.00	36.13 -1.04 0.00	37.54 -1.12 0.00	44.71 -1.30 0.00	79.84 -2.41 0.00	104.73 -3.23 0.00	56.13 -1.77 0.00	31.73 -0.93 0.00	33.33 -0.78 0.00	33.98 -0.73 0.00	39.56 -0.84 0.00	46.44 -1.03 0.00	35.21 -0.80 0.00	33.97 -0.76 0.00	39.99 -1.07 0.00	41.10 -1.28 0.00	50.13 -1.58 0.00	45.76 -1.44 0.00	47.97 -1.55 0.00	34.83 -1.15 0.00	32.91 -1.03 0.00	30.69 -0.91 0.00
NINE_MILE_2 23744	35.25 -1.07 0.00	35.95 -1.07 0.00	33.81 -0.95 0.00	36.13 -1.04 0.00	37.54 -1.12 0.00	44.71 -1.30 0.00	79.84 -2.41 0.00	104.73 -3.23 0.00	56.13 -1.77 0.00	31.73 -0.93 0.00	33.33 -0.78 0.00	33.98 -0.73 0.00	39.56 -0.84 0.00	46.44 -1.03 0.00	35.21 -0.80 0.00	33.97 -0.76 0.00	39.99 -1.07 0.00	41.10 -1.28 0.00	50.13 -1.58 0.00	45.76 -1.44 0.00	47.97 -1.55 0.00	34.83 -1.15 0.00	32.91 -1.03 0.00	30.69 -0.91 0.00
NM_CAPITAL___DRP 24208	37.60 1.29 0.00	38.22 1.20 0.00	35.92 1.16 0.00	38.32 1.15 0.00	39.88 1.22 0.00	47.39 1.38 0.00	84.70 2.45 0.00	111.15 3.18 0.00	59.31 1.41 0.00	33.26 0.59 0.00	34.50 0.39 0.00	35.06 0.36 0.00	40.69 0.28 0.00	47.65 0.18 0.00	35.95 -0.07 0.00	34.53 -0.20 0.00	40.84 -0.22 0.00	42.38 0.00 0.00	51.99 0.28 0.00	47.51 0.30 0.00	49.89 0.37 0.00	36.26 0.28 0.00	34.24 0.30 0.00	31.99 0.39 0.00

NM_CENTRAL___DRP 24181	35.92 -0.39 0.00	36.64 -0.38 0.00	34.44 -0.31 0.00	36.84 -0.34 0.00	38.28 -0.38 0.00	45.64 -0.37 0.00	81.53 -0.73 0.00	106.94 -1.03 0.00	57.24 -0.66 0.00	32.33 -0.33 0.00	33.96 -0.14 0.00	34.65 -0.06 0.00	40.37 -0.04 0.00	47.38 -0.09 0.00	35.90 -0.12 0.00	34.61 -0.12 0.00	40.78 -0.29 0.00	41.93 -0.45 0.00	51.14 -0.57 0.00	46.68 -0.53 0.00	48.91 -0.61 0.00	35.47 -0.50 0.00	33.48 -0.45 0.00	31.20 -0.40 0.00
NM_FRONTIER___DRP 24179	34.20 -2.11 0.00	35.06 -1.96 0.00	32.82 -1.94 0.00	35.11 -2.06 0.00	36.37 -2.28 0.00	43.45 -2.56 0.00	75.64 -6.61 0.00	97.79 -10.18 0.00	53.18 -4.72 0.00	30.60 -2.06 0.00	32.43 -1.68 0.00	33.30 -1.40 0.00	38.82 -1.58 0.00	45.18 -2.30 0.00	34.05 -1.97 0.00	32.97 -1.76 0.00	38.25 -2.81 0.00	38.85 -3.53 0.00	46.95 -4.77 0.00	42.83 -4.37 0.00	44.81 -4.71 0.00	32.63 -3.35 0.00	31.30 -2.64 0.00	29.35 -2.25 0.00
NM_ST_REGIS___HYD 24053	35.71 -0.61 0.00	36.44 -0.57 0.00	36.51 -0.78 -2.54	49.31 -0.63 -12.76	54.36 -0.46 -16.16	58.24 -0.54 -12.78	81.96 -0.29 0.00	107.64 -0.33 0.00	57.99 0.09 0.00	32.81 0.14 0.00	34.04 -0.07 0.00	34.49 -0.21 0.00	40.11 -0.30 0.00	47.11 -0.36 0.00	35.96 -0.06 0.00	35.04 0.30 0.00	41.79 0.73 0.00	43.18 0.80 0.00	52.39 0.67 0.00	47.73 0.53 0.00	50.09 0.57 0.00	36.47 0.49 0.00	34.32 0.38 0.00	31.86 0.26 0.00
NORTHPORT___1 23551	37.47 1.16 0.00	38.34 1.32 0.00	36.01 1.25 0.00	38.41 1.24 0.00	39.90 1.24 0.00	47.45 1.45 0.00	97.30 3.06 -11.99	119.41 4.75 -6.69	72.83 2.76 -12.17	67.04 1.51 -32.86	35.47 1.36 0.00	35.86 1.16 0.00	41.62 1.21 0.00	110.70 1.88 -61.35	50.91 1.50 -13.39	35.57 0.84 0.00	42.27 1.21 0.00	43.89 1.52 0.00	53.97 2.26 0.00	49.45 2.25 0.00	51.73 2.21 0.00	37.48 1.51 0.00	36.15 1.41 -0.80	32.73 1.13 0.00
NORTHPORT___2 23552	37.47 1.16 0.00	38.34 1.32 0.00	36.01 1.25 0.00	38.41 1.24 0.00	39.90 1.24 0.00	47.45 1.45 0.00	97.30 3.06 -11.99	119.41 4.75 -6.69	72.83 2.76 -12.17	67.04 1.51 -32.86	35.47 1.36 0.00	35.86 1.16 0.00	41.62 1.21 0.00	110.70 1.88 -61.35	50.91 1.50 -13.39	35.57 0.84 0.00	42.27 1.21 0.00	43.89 1.52 0.00	53.97 2.26 0.00	49.45 2.25 0.00	51.73 2.21 0.00	37.48 1.51 0.00	36.15 1.41 -0.80	32.73 1.13 0.00
NORTHPORT___3 23553	37.53 1.22 0.00	38.32 1.30 0.00	36.03 1.26 0.00	38.43 1.26 0.00	39.93 1.27 0.00	47.53 1.52 0.00	97.46 3.22 -11.99	119.78 5.12 -6.69	72.97 2.90 -12.17	67.06 1.54 -32.86	35.45 1.34 0.00	35.88 1.17 0.00	41.65 1.24 0.00	110.75 1.93 -61.35	50.93 1.52 -13.39	35.59 0.86 0.00	42.27 1.21 0.00	43.92 1.55 0.00	53.99 2.28 0.00	49.51 2.30 0.00	51.82 2.30 0.00	37.52 1.55 0.00	36.23 1.43 -0.87	32.74 1.14 0.00
NORTHPORT___4 23650	37.53 1.22 0.00	38.32 1.30 0.00	36.03 1.26 0.00	38.43 1.26 0.00	39.93 1.27 0.00	47.53 1.52 0.00	97.46 3.22 -11.99	119.78 5.12 -6.69	72.97 2.90 -12.17	67.06 1.54 -32.86	35.45 1.34 0.00	35.88 1.17 0.00	41.65 1.24 0.00	110.75 1.93 -61.35	50.93 1.52 -13.39	35.59 0.86 0.00	42.27 1.21 0.00	43.92 1.55 0.00	53.99 2.28 0.00	49.51 2.30 0.00	51.82 2.30 0.00	37.52 1.55 0.00	36.23 1.43 -0.87	32.74 1.14 0.00
NORTHPORT___IC 23718	37.48 1.16 0.00	38.34 1.32 0.00	36.02 1.26 0.00	38.41 1.24 0.00	39.90 1.24 0.00	47.45 1.45 0.00	97.30 3.06 -11.99	119.41 4.75 -6.69	72.83 2.75 -12.17	67.04 1.51 -32.86	35.47 1.36 0.00	35.86 1.16 0.00	41.61 1.20 0.00	110.70 1.88 -61.35	50.91 1.50 -13.39	35.57 0.84 0.00	42.27 1.21 0.00	43.89 1.52 0.00	53.98 2.26 0.00	49.45 2.24 0.00	51.73 2.21 0.00	37.48 1.51 0.00	36.15 1.41 -0.80	32.73 1.13 0.00
NORTH___COUNTRY_ESR 323785	35.50 -0.82 0.00	36.29 -0.73 0.00	23.72 -1.02 10.03	-14.35 -1.06 50.46	-26.24 -1.00 63.90	-5.67 -1.15 50.53	80.98 -1.27 0.00	106.67 -1.30 0.00	58.00 0.09 0.00	33.16 0.49 0.00	34.58 0.47 0.00	35.08 0.38 0.00	40.74 0.34 0.00	47.82 0.34 0.00	36.31 0.29 0.00	35.37 0.64 0.00	42.21 1.15 0.00	43.68 1.30 0.00	53.07 1.36 0.00	48.38 1.17 0.00	50.72 1.20 0.00	36.96 0.99 0.00	34.71 0.77 0.00	32.12 0.52 0.00
NPX_GEN_1385_PROXY 323591	36.97 0.65 0.00	37.85 0.83 0.00	35.68 0.92 0.00	37.91 0.74 0.00	39.45 0.79 0.00	46.77 0.76 0.00	96.31 2.07 -11.99	87.08 2.42 23.30	71.98 1.90 -12.17	66.92 1.40 -32.86	-76.72 1.23 112.07	2.01 1.02 33.72	-94.22 1.12 135.76	-27.09 1.87 76.44	-113.36 1.38 150.76	3.58 0.70 31.85	42.05 0.99 0.00	43.60 1.22 0.00	53.76 2.04 0.00	48.98 1.77 0.00	51.14 1.63 0.00	37.08 1.11 0.00	35.71 0.97 -0.80	32.31 0.71 0.00
NPX_GEN_CSC 323557	37.13 0.82 0.00	37.90 0.88 0.00	35.58 0.82 0.00	37.96 0.79 0.00	39.47 0.81 0.00	47.36 1.35 0.00	97.12 2.88 -11.99	118.48 3.82 -6.69	72.22 2.15 -12.17	66.50 0.98 -32.86	33.21 0.45 1.36	33.84 0.13 0.99	40.44 0.03 0.00	109.50 0.68 -61.35	50.13 0.72 -13.39	34.77 0.03 0.00	41.52 0.46 0.00	43.27 0.89 0.00	53.64 1.92 0.00	49.45 2.24 0.00	51.70 2.18 0.00	37.22 1.24 0.00	36.02 1.10 -0.99	32.19 0.59 0.00
NSINS_S___GLNS_FALLS 23858	38.42 2.11 0.00	39.14 2.13 0.00	36.75 1.99 0.00	39.23 2.06 0.00	40.81 2.15 0.00	48.72 2.72 0.00	87.86 5.61 0.00	115.05 7.08 0.00	60.90 3.00 0.00	33.98 1.32 0.00	35.29 1.18 0.00	35.65 0.95 0.00	41.40 0.99 0.00	48.80 1.33 0.00	37.00 0.98 0.00	36.01 1.27 0.00	42.95 1.88 0.00	44.64 2.26 0.00	54.89 3.17 0.00	50.11 2.90 0.00	52.58 3.06 0.00	38.11 2.13 0.00	35.92 1.99 0.00	33.32 1.72 0.00
NUCOR_STEEL___DRP 24197	36.31 0.00 0.00	37.06 0.05 0.00	34.85 0.09 0.00	37.30 0.13 0.00	38.77 0.11 0.00	46.08 0.07 0.00	82.25 0.00 0.00	108.23 0.27 0.00	57.83 -0.07 0.00	32.51 -0.15 0.00	34.14 0.03 0.00	34.91 0.21 0.00	40.70 0.29 0.00	47.90 0.42 0.00	36.22 0.20 0.00	34.99 0.26 0.00	41.06 0.00 0.00	42.37 0.00 0.00	51.70 -0.02 0.00	47.17 -0.04 0.00	49.36 -0.16 0.00	35.82 -0.16 0.00	33.79 -0.14 0.00	31.46 -0.14 0.00
NUMBER_THREE_WT_PWR 323818	35.38 -0.93 0.00	35.97 -1.05 0.00	34.19 -1.03 -0.45	39.22 -0.23 -2.28	41.85 0.30 -2.89	48.88 0.59 -2.29	84.65 2.40 0.00	111.47 3.50 0.00	59.47 1.57 0.00	33.24 0.58 0.00	34.44 0.33 0.00	34.72 0.02 0.00	40.42 0.02 0.00	47.94 0.46 0.00	36.90 0.88 0.00	35.69 0.96 0.00	42.37 1.31 0.00	43.85 1.48 0.00	53.49 1.78 0.00	48.74 1.54 0.00	51.07 1.55 0.00	36.95 0.98 0.00	34.79 0.85 0.00	32.23 0.63 0.00
NYISO_LBMP_REFERENCE 24008	36.31 0.00 0.00	37.02 0.00 0.00	34.76 0.00 0.00	37.17 0.00 0.00	38.66 0.00 0.00	46.01 0.00 0.00	82.25 0.00 0.00	107.97 0.00 0.00	57.90 0.00 0.00	32.66 0.00 0.00	34.11 0.00 0.00	34.70 0.00 0.00	40.41 0.00 0.00	47.47 0.00 0.00	36.02 0.00 0.00	34.73 0.00 0.00	41.06 0.00 0.00	42.37 0.00 0.00	51.71 0.00 0.00	47.21 0.00 0.00	49.52 0.00 0.00	35.97 0.00 0.00	33.94 0.00 0.00	31.60 0.00 0.00

NYPA_BRENTWD____GT 24164	37.88 1.57 0.00	38.71 1.69 0.00	36.33 1.56 0.00	38.74 1.57 0.00	40.26 1.60 0.00	47.97 1.96 0.00	98.28 4.04 -11.99	120.42 5.76 -6.69	73.49 3.42 -12.17	67.36 1.83 -32.86	35.69 1.58 0.00	36.05 1.34 0.00	41.73 1.33 0.00	111.05 2.23 -61.35	51.19 1.78 -13.39	35.84 1.11 0.00	42.65 1.59 0.00	44.36 1.98 0.00	54.59 2.87 0.00	50.07 2.86 0.00	52.38 2.86 0.00	37.91 1.94 0.00	36.99 1.77 -1.28	33.02 1.42 0.00
NYPA_GOWANUS____GT5 24156	55.22 1.79 -17.12	54.43 1.75 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.14 3.22 -9.02	56.41 1.67 -22.09	55.22 1.49 -19.62	52.08 1.44 -15.93	59.33 1.63 -17.29	53.92 2.04 -4.41	53.43 1.63 -15.77	55.30 1.39 -19.18	52.55 1.74 -9.74	52.38 2.05 -7.94	61.95 2.74 -7.50	90.00 2.74 -40.06	92.04 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.96 1.48 -18.88
NYPA_GOWANUS____GT6 24157	55.22 1.79 -17.12	54.43 1.75 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.14 3.22 -9.02	56.41 1.67 -22.09	55.22 1.49 -19.62	52.08 1.44 -15.93	59.33 1.63 -17.29	53.92 2.04 -4.41	53.43 1.63 -15.77	55.30 1.39 -19.18	52.55 1.74 -9.74	52.38 2.05 -7.94	61.95 2.74 -7.50	90.00 2.74 -40.06	92.04 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.96 1.48 -18.88
NYPA_HARLEM_RVR_GT1 24160	37.71 1.40 0.00	38.38 1.36 0.00	35.95 1.20 0.01	38.44 1.27 0.00	40.03 1.37 0.00	47.53 1.53 0.00	85.28 3.03 0.01	112.67 4.71 0.01	60.40 2.50 0.00	33.96 1.30 0.00	35.20 1.10 0.00	35.74 1.04 0.01	41.54 1.14 0.01	48.92 1.45 0.00	37.22 1.20 0.00	35.69 0.96 0.01	42.26 1.21 0.00	43.87 1.50 0.00	53.83 2.12 0.01	49.32 2.12 0.00	51.75 2.23 -0.01	37.52 1.54 -0.01	35.24 1.30 0.00	32.64 1.04 0.00
NYPA_HARLEM_RVR_GT2 24161	37.71 1.40 0.00	38.38 1.36 0.00	35.95 1.20 0.01	38.44 1.27 0.00	40.03 1.37 0.00	47.53 1.53 0.00	85.28 3.03 0.01	112.67 4.71 0.01	60.40 2.50 0.00	33.96 1.30 0.00	35.20 1.10 0.00	35.74 1.04 0.01	41.54 1.14 0.01	48.92 1.45 0.00	37.22 1.20 0.00	35.69 0.96 0.01	42.26 1.21 0.00	43.87 1.50 0.00	53.83 2.12 0.01	49.32 2.12 0.00	51.75 2.23 -0.01	37.52 1.54 -0.01	35.24 1.30 0.00	32.64 1.04 0.00
NYPA_KENT____GT 24152	48.32 1.71 -10.30	48.10 1.66 -9.42	46.99 1.55 -10.68	48.00 1.66 -9.17	48.63 1.77 -8.21	52.89 1.99 -4.90	86.17 3.84 -0.08	115.99 5.88 -2.13	68.43 3.07 -7.45	48.97 1.60 -14.70	47.82 1.43 -12.29	46.05 1.37 -9.98	54.42 1.55 -12.46	52.99 1.94 -3.58	47.62 1.55 -10.05	48.00 1.31 -11.95	48.57 1.63 -5.88	49.10 1.94 -4.78	60.60 2.63 -6.26	74.41 2.61 -24.59	76.99 2.72 -24.75	48.77 1.88 -10.92	45.89 1.65 -10.30	44.36 1.39 -11.37
NYPA_POUCH1____GT 24155	55.17 1.74 -17.12	54.38 1.71 -15.66	54.10 1.58 -17.75	54.11 1.71 -15.23	54.11 1.81 -13.64	56.11 1.98 -8.12	86.10 3.72 -0.13	117.37 5.86 -3.55	69.96 3.04 -9.02	56.30 1.55 -22.09	55.11 1.38 -19.62	51.96 1.32 -15.93	55.70 1.47 -13.82	53.08 1.88 -3.73	53.32 1.53 -15.77	55.18 1.27 -19.18	52.43 1.63 -9.74	52.25 1.93 -7.94	58.46 2.56 -4.18	89.87 2.61 -40.06	91.90 2.71 -39.68	56.01 1.90 -18.14	52.72 1.67 -17.12	51.90 1.41 -18.88
NYPA_VERNON____GT2 24162	41.42 1.62 -3.49	41.78 1.57 -3.19	39.84 1.46 -3.61	41.82 1.55 -3.10	43.10 1.66 -2.78	49.55 1.88 -1.67	85.94 3.66 -0.03	114.28 5.59 -0.72	66.73 2.94 -5.89	41.52 1.54 -7.31	40.42 1.36 -4.96	40.03 1.30 -4.02	49.50 1.46 -7.63	52.06 1.84 -2.74	41.82 1.47 -4.32	40.69 1.23 -4.73	44.61 1.53 -2.02	45.82 1.82 -1.62	59.24 2.51 -5.02	58.81 2.47 -9.13	61.92 2.58 -9.83	41.45 1.78 -3.70	38.98 1.56 -3.49	36.76 1.31 -3.85
NYPA_VERNON____GT3 24163	41.42 1.62 -3.49	41.78 1.57 -3.19	39.84 1.46 -3.61	41.82 1.55 -3.10	43.10 1.66 -2.78	49.55 1.88 -1.67	85.94 3.66 -0.03	114.28 5.59 -0.72	66.73 2.94 -5.89	41.52 1.54 -7.31	40.42 1.36 -4.96	40.03 1.30 -4.02	49.50 1.46 -7.63	52.06 1.84 -2.74	41.82 1.47 -4.32	40.69 1.23 -4.73	44.61 1.53 -2.02	45.82 1.82 -1.62	59.24 2.51 -5.02	58.81 2.47 -9.13	61.92 2.58 -9.83	41.45 1.78 -3.70	38.98 1.56 -3.49	36.76 1.31 -3.85
NYPA____ASTORIA_CC1 323568	37.90 1.58 0.00	38.56 1.54 0.00	36.19 1.43 0.00	38.68 1.51 0.00	40.27 1.61 0.00	47.85 1.83 -0.01	85.83 3.58 0.00	113.45 5.48 0.00	64.88 2.88 -4.09	37.01 1.50 -2.85	36.40 1.32 -0.97	36.75 1.26 -0.79	45.98 1.42 -4.15	51.12 1.78 -1.87	38.58 1.43 -1.12	36.76 1.19 -0.83	42.56 1.47 -0.03	44.15 1.77 -0.01	57.70 2.46 -3.53	50.60 2.42 -0.98	53.81 2.53 -1.77	37.73 1.75 -0.01	35.46 1.53 0.00	32.88 1.28 -0.01
NYPA____ASTORIA_CC2 323569	37.90 1.58 0.00	38.56 1.54 0.00	36.19 1.43 0.00	38.68 1.51 0.00	40.27 1.61 0.00	47.85 1.83 -0.01	85.83 3.58 0.00	113.45 5.48 0.00	64.88 2.88 -4.09	37.01 1.50 -2.85	36.40 1.32 -0.97	36.75 1.26 -0.79	45.98 1.42 -4.15	51.12 1.78 -1.87	38.58 1.43 -1.12	36.76 1.19 -0.83	42.56 1.47 -0.03	44.15 1.77 -0.01	57.70 2.46 -3.53	50.60 2.42 -0.98	53.81 2.53 -1.77	37.73 1.75 -0.01	35.46 1.53 0.00	32.88 1.28 -0.01
NYPA____HOLTSVILL 23794	37.54 1.22 0.00	38.32 1.30 0.00	35.97 1.22 0.00	38.37 1.20 0.00	39.89 1.23 0.00	47.61 1.60 0.00	97.57 3.33 -11.99	119.58 4.92 -6.69	72.88 2.81 -12.17	66.99 1.47 -32.86	35.23 1.12 0.00	35.56 0.86 0.00	41.29 0.88 0.00	110.42 1.59 -61.35	50.73 1.32 -13.39	35.39 0.66 0.00	42.16 1.10 0.00	43.85 1.48 0.00	54.06 2.35 0.00	49.64 2.43 0.00	51.93 2.41 0.00	37.55 1.57 0.00	36.33 1.42 -0.97	32.66 1.06 0.00
NYPA____HELLGATE_GT1 24158	37.71 1.40 0.00	38.38 1.36 0.00	35.95 1.20 0.01	38.44 1.27 0.00	40.03 1.37 0.00	47.53 1.53 0.00	85.29 3.04 0.01	112.67 4.71 0.01	60.40 2.50 0.00	33.96 1.30 0.00	35.20 1.10 0.00	35.74 1.04 0.01	41.54 1.14 0.01	48.92 1.45 0.00	37.22 1.20 0.00	35.69 0.96 0.01	42.26 1.21 0.00	43.87 1.50 0.00	53.83 2.12 0.01	49.32 2.12 0.00	51.75 2.23 -0.01	37.52 1.54 -0.01	35.24 1.30 0.00	32.64 1.04 0.00
NYPA____HELLGATE_GT2 24159	37.71 1.40 0.00	38.38 1.36 0.00	35.95 1.20 0.01	38.44 1.27 0.00	40.03 1.37 0.00	47.53 1.53 0.00	85.29 3.04 0.01	112.67 4.71 0.01	60.40 2.50 0.00	33.96 1.30 0.00	35.20 1.10 0.00	35.74 1.04 0.01	41.54 1.14 0.01	48.92 1.45 0.00	37.22 1.20 0.00	35.69 0.96 0.01	42.26 1.21 0.00	43.87 1.50 0.00	53.83 2.12 0.01	49.32 2.12 0.00	51.75 2.23 -0.01	37.52 1.54 -0.01	35.24 1.30 0.00	32.64 1.04 0.00
NYS_BARGE____HYD 23848	34.74 -1.58 0.00	35.63 -1.39 0.00	33.38 -1.38 0.00	35.75 -1.42 0.00	37.07 -1.59 0.00	44.29 -1.72 0.00	77.13 -5.12 0.00	99.77 -8.20 0.00	54.20 -3.71 0.00	31.16 -1.51 0.00	33.01 -1.11 0.00	33.86 -0.85 0.00	39.37 -1.04 0.00	45.75 -1.73 0.00	34.51 -1.51 0.00	33.45 -1.29 0.00	38.84 -2.22 0.00	39.49 -2.89 0.00	47.75 -3.97 0.00	43.55 -3.66 0.00	45.54 -3.97 0.00	33.10 -2.87 0.00	31.80 -2.14 0.00	29.83 -1.77 0.00

OAK ORCHARD___HYD 24046	35.59 -0.72 0.00	36.39 -0.63 0.00	34.12 -0.64 0.00	36.48 -0.69 0.00	37.87 -0.79 0.00	45.24 -0.77 0.00	79.97 -2.28 0.00	104.35 -3.62 0.00	56.33 -1.57 0.00	32.08 -0.59 0.00	33.86 -0.25 0.00	34.67 -0.03 0.00	40.34 -0.07 0.00	47.08 -0.40 0.00	35.57 -0.46 0.00	34.42 -0.31 0.00	40.27 -0.79 0.00	41.16 -1.22 0.00	49.97 -1.75 0.00	45.62 -1.59 0.00	47.75 -1.76 0.00	34.64 -1.33 0.00	32.94 -1.00 0.00	30.75 -0.85 0.00
OAKDALE___35_KV_LOAD 356122	35.93 -0.38 0.00	36.70 -0.32 0.00	34.52 -0.24 0.00	36.99 -0.18 0.00	38.40 -0.25 0.00	45.77 -0.24 0.00	81.70 -0.55 0.00	107.35 -0.62 0.00	57.32 -0.58 0.00	32.42 -0.24 0.00	34.02 -0.10 0.00	34.72 0.01 0.00	40.45 0.04 0.00	47.49 0.02 0.00	35.87 -0.15 0.00	34.54 -0.20 0.00	40.75 -0.31 0.00	41.99 -0.39 0.00	51.21 -0.50 0.00	46.72 -0.49 0.00	48.90 -0.62 0.00	35.44 -0.53 0.00	33.39 -0.55 0.00	31.09 -0.51 0.00
OCC_CHEM___DRP 24175	34.30 -2.01 0.00	35.17 -1.85 0.00	32.92 -1.85 0.00	35.20 -1.97 0.00	36.49 -2.17 0.00	43.58 -2.43 0.00	75.88 -6.38 0.00	98.09 -9.88 0.00	53.36 -4.55 0.00	30.70 -1.97 0.00	32.52 -1.59 0.00	33.40 -1.30 0.00	38.95 -1.46 0.00	45.32 -2.15 0.00	34.15 -1.87 0.00	33.08 -1.65 0.00	38.37 -2.69 0.00	38.98 -3.40 0.00	47.10 -4.61 0.00	42.97 -4.24 0.00	44.94 -4.58 0.00	32.72 -3.25 0.00	31.39 -2.54 0.00	29.45 -2.15 0.00
OH_GEN_PROXY 24063	34.51 -1.80 0.00	35.40 -1.62 0.00	33.14 -1.62 0.00	35.45 -1.72 0.00	36.73 -1.93 0.00	43.85 -2.16 0.00	76.53 -5.72 0.00	99.25 -8.72 0.00	53.93 -3.97 0.00	30.95 -1.71 0.00	31.39 -1.36 1.36	32.63 -1.08 0.99	39.21 -1.20 0.00	45.69 -1.78 0.00	34.40 -1.62 0.00	33.29 -1.44 0.00	38.68 -2.39 0.00	39.31 -3.06 0.00	47.54 -4.17 0.00	43.39 -3.82 0.00	45.41 -4.11 0.00	33.02 -2.96 0.00	31.62 -2.32 0.00	29.66 -1.94 0.00
OLIN_CORP_DRP 24177	34.41 -1.90 0.00	35.29 -1.73 0.00	33.03 -1.73 0.00	35.34 -1.83 0.00	36.64 -2.01 0.00	43.77 -2.42 0.00	75.98 -6.28 0.00	98.09 -9.87 0.00	53.32 -4.58 0.00	30.69 -1.97 0.00	32.52 -1.59 0.00	33.37 -1.33 0.00	38.87 -1.54 0.00	45.20 -2.28 0.00	34.09 -1.93 0.00	33.02 -1.71 0.00	38.31 -2.75 0.00	38.93 -3.45 0.00	47.04 -4.67 0.00	42.92 -4.28 0.00	44.88 -4.64 0.00	32.68 -3.30 0.00	31.46 -2.47 0.00	29.52 -2.08 0.00
OLIN_CORP_DSASP 323712	34.30 -2.01 0.00	35.17 -1.85 0.00	32.92 -1.85 0.00	35.21 -1.96 0.00	36.48 -2.17 0.00	43.59 -2.42 0.00	75.88 -6.37 0.00	98.09 -9.88 0.00	53.37 -4.53 0.00	30.70 -1.96 0.00	32.53 -1.58 0.00	33.40 -1.30 0.00	38.95 -1.46 0.00	45.33 -2.15 0.00	34.16 -1.86 0.00	33.09 -1.65 0.00	38.38 -2.68 0.00	38.98 -3.40 0.00	47.11 -4.61 0.00	42.96 -4.24 0.00	44.96 -4.56 0.00	32.72 -3.25 0.00	31.39 -2.55 0.00	29.46 -2.14 0.00
ONEIDA_HERK_LFGE 323681	36.44 0.13 0.00	37.09 0.07 0.00	35.03 0.05 -0.21	38.65 0.39 -1.09	40.68 0.64 -1.37	48.03 0.94 -1.09	84.65 2.39 0.00	111.26 3.29 0.00	59.38 1.48 0.00	33.27 0.60 0.00	34.61 0.50 0.00	35.09 0.38 0.00	40.87 0.46 0.00	48.20 0.73 0.00	36.83 0.80 0.00	35.54 0.81 0.00	42.15 1.08 0.00	43.61 1.24 0.00	53.25 1.54 0.00	48.57 1.37 0.00	50.91 1.39 0.00	36.89 0.91 0.00	34.75 0.81 0.00	32.24 0.64 0.00
ONEIDA___115KV_TB4 55905	36.90 0.58 0.00	37.58 0.55 0.00	35.30 0.54 0.00	37.81 0.65 0.00	39.38 0.73 0.00	47.09 1.08 0.00	84.61 2.36 0.00	111.15 3.18 0.00	59.28 1.38 0.00	33.19 0.53 0.00	34.67 0.56 0.00	35.28 0.57 0.00	41.12 0.71 0.00	48.38 0.91 0.00	36.77 0.75 0.00	35.52 0.79 0.00	42.09 1.03 0.00	43.49 1.12 0.00	53.10 1.39 0.00	48.45 1.25 0.00	50.74 1.22 0.00	36.75 0.78 0.00	34.62 0.69 0.00	32.16 0.56 0.00
ONONDAGA_REF_OCCRA 23987	36.10 -0.21 0.00	36.81 -0.20 0.00	34.62 -0.14 0.00	37.02 -0.15 0.00	38.47 -0.18 0.00	45.89 -0.12 0.00	82.02 -0.23 0.00	107.64 -0.33 0.00	57.56 -0.35 0.00	32.48 -0.18 0.00	34.10 -0.01 0.00	34.81 0.11 0.00	40.57 0.16 0.00	47.62 0.15 0.00	36.07 0.05 0.00	34.78 0.05 0.00	41.00 -0.06 0.00	42.18 -0.19 0.00	51.46 -0.26 0.00	46.97 -0.24 0.00	49.21 -0.31 0.00	35.68 -0.30 0.00	33.66 -0.28 0.00	31.35 -0.24 0.00
ONONDAGA___COGEN 23986	36.06 -0.25 0.00	36.79 -0.23 0.00	34.58 -0.17 0.00	36.98 -0.19 0.00	38.44 -0.22 0.00	45.80 -0.21 0.00	81.85 -0.41 0.00	107.41 -0.56 0.00	57.44 -0.46 0.00	32.43 -0.24 0.00	34.06 -0.05 0.00	34.77 0.07 0.00	40.52 0.11 0.00	47.58 0.10 0.00	36.03 0.01 0.00	34.75 0.02 0.00	40.92 -0.14 0.00	42.11 -0.26 0.00	51.38 -0.33 0.00	46.90 -0.31 0.00	49.13 -0.38 0.00	35.63 -0.35 0.00	33.62 -0.31 0.00	31.32 -0.28 0.00
ONTARIO___LFGE 23819	35.81 -0.50 0.00	36.64 -0.38 0.00	34.49 -0.27 0.00	37.02 -0.15 0.00	38.53 -0.12 0.00	46.05 0.04 0.00	82.05 -0.20 0.00	107.66 -0.30 0.00	57.52 -0.38 0.00	32.56 -0.10 0.00	34.34 0.23 0.00	35.15 0.44 0.00	40.87 0.46 0.00	47.77 0.30 0.00	35.99 -0.03 0.00	34.75 0.02 0.00	40.94 -0.12 0.00	42.01 -0.36 0.00	51.16 -0.56 0.00	46.63 -0.58 0.00	48.73 -0.79 0.00	35.24 -0.74 0.00	33.18 -0.76 0.00	30.95 -0.65 0.00
ORANGEVILLE_WT_PWR 323706	33.66 -2.66 0.00	34.82 -2.20 0.00	33.08 -1.68 0.00	35.80 -1.37 0.00	37.36 -1.31 0.00	44.69 -1.32 0.00	78.82 -3.43 0.00	102.55 -5.42 0.00	55.13 -2.77 0.00	31.51 -1.16 0.00	33.29 -0.82 0.00	34.03 -0.68 0.00	39.38 -1.03 0.00	45.76 -1.72 0.00	34.49 -1.53 0.00	33.22 -1.51 0.00	38.95 -2.11 0.00	39.60 -2.78 0.00	48.17 -3.54 0.00	43.49 -3.71 0.00	45.26 -4.26 0.00	32.58 -3.39 0.00	30.84 -3.10 0.00	28.93 -2.67 0.00
ORANGEVILLE___ESR 323794	33.66 -2.66 0.00	34.82 -2.20 0.00	33.08 -1.68 0.00	35.80 -1.37 0.00	37.36 -1.31 0.00	44.69 -1.32 0.00	78.82 -3.43 0.00	102.55 -5.42 0.00	55.13 -2.77 0.00	31.51 -1.16 0.00	33.29 -0.82 0.00	34.03 -0.68 0.00	39.38 -1.03 0.00	45.76 -1.72 0.00	34.49 -1.53 0.00	33.22 -1.51 0.00	38.95 -2.11 0.00	39.60 -2.78 0.00	48.17 -3.54 0.00	43.49 -3.71 0.00	45.26 -4.26 0.00	32.58 -3.39 0.00	30.84 -3.10 0.00	28.93 -2.67 0.00
OSWEGATCHIE___HYD 24044	35.26 -1.05 0.00	35.91 -1.11 0.00	34.62 -1.17 -1.03	41.63 -0.72 -5.18	44.83 -0.38 -6.55	50.89 -0.30 -5.18	82.67 0.41 0.00	108.63 0.66 0.00	58.12 0.22 0.00	32.65 -0.01 0.00	33.81 -0.30 0.00	34.13 -0.57 0.00	39.72 -0.69 0.00	46.97 -0.50 0.00	36.08 0.06 0.00	35.08 0.34 0.00	41.73 0.67 0.00	43.14 0.76 0.00	52.48 0.77 0.00	47.79 0.59 0.00	50.12 0.60 0.00	36.37 0.39 0.00	34.24 0.30 0.00	31.77 0.17 0.00
OSWEGO___5 23606	35.48 -0.83 0.00	36.19 -0.82 0.00	34.03 -0.73 0.00	36.38 -0.79 0.00	37.81 -0.85 0.00	45.04 -0.97 0.00	80.42 -1.84 0.00	105.52 -2.44 0.00	56.52 -1.38 0.00	31.94 -0.72 0.00	33.54 -0.57 0.00	34.19 -0.51 0.00	39.82 -0.59 0.00	46.74 -0.73 0.00	35.43 -0.59 0.00	34.18 -0.55 0.00	40.26 -0.80 0.00	41.39 -0.99 0.00	50.49 -1.23 0.00	46.09 -1.12 0.00	48.31 -1.21 0.00	35.06 -0.91 0.00	33.12 -0.82 0.00	30.88 -0.72 0.00

OSWEGO___6 23613	35.48 -0.83 0.00	36.19 -0.82 0.00	34.03 -0.73 0.00	36.38 -0.79 0.00	37.81 -0.85 0.00	45.04 -0.97 0.00	80.42 -1.84 0.00	105.52 -2.44 0.00	56.52 -1.38 0.00	31.94 -0.72 0.00	33.54 -0.57 0.00	34.19 -0.51 0.00	39.82 -0.59 0.00	46.74 -0.73 0.00	35.43 -0.59 0.00	34.18 -0.55 0.00	40.26 -0.80 0.00	41.39 -0.99 0.00	50.49 -1.23 0.00	46.09 -1.12 0.00	48.31 -1.21 0.00	35.06 -0.91 0.00	33.12 -0.82 0.00	30.88 -0.72 0.00
OUTOKUMPU-AB___DRP 24206	34.96 -1.35 0.00	35.87 -1.15 0.00	33.59 -1.17 0.00	35.94 -1.23 0.00	37.28 -1.38 0.00	44.55 -1.45 0.00	77.74 -4.51 0.00	100.70 -7.26 0.00	54.72 -3.18 0.00	31.44 -1.22 0.00	33.34 -0.77 0.00	34.21 -0.49 0.00	39.82 -0.59 0.00	46.32 -1.15 0.00	34.90 -1.12 0.00	33.79 -0.94 0.00	39.23 -1.83 0.00	39.89 -2.49 0.00	48.20 -3.51 0.00	44.00 -3.20 0.00	45.99 -3.53 0.00	33.42 -2.55 0.00	32.04 -1.90 0.00	30.00 -1.60 0.00
OXBOW___BTM 323836	34.59 -1.73 0.00	35.47 -1.55 0.00	33.21 -1.56 0.00	35.53 -1.64 0.00	36.83 -1.83 0.00	44.01 -2.00 0.00	76.72 -5.54 0.00	99.29 -8.68 0.00	53.99 -3.91 0.00	31.05 -1.61 0.00	32.91 -1.21 0.00	33.78 -0.92 0.00	39.35 -1.06 0.00	45.79 -1.68 0.00	34.51 -1.52 0.00	33.41 -1.32 0.00	38.78 -2.29 0.00	39.39 -2.98 0.00	47.62 -4.10 0.00	43.43 -3.77 0.00	45.45 -4.07 0.00	33.04 -2.94 0.00	31.69 -2.25 0.00	29.71 -1.89 0.00
OXBOW____ 24026	34.58 -1.73 0.00	35.47 -1.55 0.00	33.21 -1.56 0.00	35.53 -1.64 0.00	36.82 -1.83 0.00	44.01 -2.00 0.00	76.72 -5.54 0.00	99.28 -8.69 0.00	53.99 -3.92 0.00	31.04 -1.62 0.00	32.90 -1.21 0.00	33.78 -0.92 0.00	39.35 -1.06 0.00	45.78 -1.69 0.00	34.50 -1.52 0.00	33.40 -1.33 0.00	38.77 -2.29 0.00	39.39 -2.98 0.00	47.61 -4.10 0.00	43.44 -3.77 0.00	45.43 -4.09 0.00	33.04 -2.94 0.00	31.69 -2.25 0.00	29.69 -1.91 0.00
OXY_CHEM_DSASP 323612	34.30 -2.01 0.00	35.17 -1.85 0.00	32.92 -1.85 0.00	35.20 -1.97 0.00	36.49 -2.17 0.00	43.58 -2.43 0.00	75.88 -6.38 0.00	98.09 -9.88 0.00	53.36 -4.55 0.00	30.70 -1.97 0.00	32.52 -1.59 0.00	33.40 -1.30 0.00	38.95 -1.46 0.00	45.32 -2.15 0.00	34.15 -1.87 0.00	33.08 -1.65 0.00	38.37 -2.69 0.00	38.98 -3.40 0.00	47.10 -4.61 0.00	42.97 -4.24 0.00	44.94 -4.58 0.00	32.72 -3.25 0.00	31.39 -2.54 0.00	29.45 -2.15 0.00
OZONE_PARK_ESR 323760	38.06 1.75 0.00	38.70 1.69 0.00	36.35 1.59 0.00	38.84 1.67 0.00	40.44 1.78 0.00	48.05 2.04 0.00	86.25 4.00 0.00	114.00 6.04 0.00	61.06 3.15 0.00	34.31 1.65 0.00	35.56 1.45 0.00	36.09 1.39 0.00	41.95 1.54 0.00	49.44 1.97 0.00	37.57 1.55 0.00	36.05 1.32 0.00	42.70 1.64 0.00	44.33 1.95 0.00	54.39 2.67 0.00	49.85 2.65 0.00	52.28 2.76 0.00	37.87 1.89 0.00	35.61 1.67 0.00	33.02 1.42 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	34.30 -2.01 0.00	35.17 -1.85 0.00	32.92 -1.85 0.00	35.20 -1.97 0.00	36.49 -2.17 0.00	43.58 -2.43 0.00	75.88 -6.38 0.00	98.09 -9.88 0.00	53.36 -4.55 0.00	30.70 -1.97 0.00	32.52 -1.59 0.00	33.40 -1.30 0.00	38.95 -1.46 0.00	45.32 -2.15 0.00	34.15 -1.87 0.00	33.08 -1.65 0.00	38.37 -2.69 0.00	38.98 -3.40 0.00	47.10 -4.61 0.00	42.97 -4.24 0.00	44.94 -4.58 0.00	32.72 -3.25 0.00	31.39 -2.54 0.00	29.45 -2.15 0.00
PACKARD__115KV_DUPONT_184 80571	34.30 -2.01 0.00	35.17 -1.85 0.00	32.92 -1.85 0.00	35.20 -1.97 0.00	36.49 -2.17 0.00	43.58 -2.43 0.00	75.88 -6.38 0.00	98.09 -9.88 0.00	53.36 -4.55 0.00	30.70 -1.97 0.00	32.52 -1.59 0.00	33.40 -1.30 0.00	38.95 -1.46 0.00	45.32 -2.15 0.00	34.15 -1.87 0.00	33.08 -1.65 0.00	38.37 -2.69 0.00	38.98 -3.40 0.00	47.10 -4.61 0.00	42.97 -4.24 0.00	44.94 -4.58 0.00	32.72 -3.25 0.00	31.39 -2.54 0.00	29.45 -2.15 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	37.73 1.42 0.00	38.38 1.36 0.00	35.97 1.21 0.00	38.45 1.29 0.00	40.04 1.38 0.00	47.55 1.54 0.00	85.32 3.07 0.00	112.83 4.87 0.00	60.49 2.58 -0.01	33.98 1.32 0.00	35.23 1.12 0.00	35.77 1.07 0.01	41.59 1.19 0.01	49.00 1.53 0.00	37.25 1.23 0.00	35.73 1.01 0.01	42.31 1.25 0.00	43.92 1.54 0.00	53.89 2.19 0.01	49.38 2.18 0.00	51.81 2.29 -0.01	37.54 1.56 -0.01	35.28 1.35 0.00	32.71 1.10 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.73 1.42 0.00	38.45 1.43 0.00	35.97 1.21 0.00	38.54 1.38 0.00	40.13 1.47 0.00	47.56 1.55 0.00	85.34 3.08 0.00	113.16 5.20 0.00	60.55 2.65 -0.01	33.99 1.33 0.00	35.23 1.12 0.00	35.77 1.07 0.01	41.59 1.19 0.01	49.00 1.53 0.00	37.25 1.23 0.00	35.74 1.01 0.01	42.32 1.26 0.00	43.92 1.54 0.00	53.89 2.19 0.01	49.39 2.18 0.00	51.81 2.29 -0.01	37.55 1.56 -0.01	35.29 1.35 0.00	32.71 1.11 -0.01
PATROON__115KV_TB1 80586	37.70 1.39 0.00	38.34 1.32 0.00	36.02 1.26 0.00	38.46 1.29 0.00	40.01 1.35 0.00	47.55 1.54 0.00	85.06 2.81 0.00	111.63 3.67 0.00	59.56 1.66 0.00	33.40 0.74 0.00	34.65 0.54 0.00	35.20 0.50 0.00	40.86 0.45 0.00	47.83 0.35 0.00	36.03 0.01 0.00	34.62 -0.11 0.00	40.98 -0.08 0.00	42.51 0.13 0.00	52.13 0.42 0.00	47.63 0.42 0.00	49.99 0.47 0.00	36.32 0.35 0.00	34.30 0.36 0.00	32.05 0.46 0.00
PATTRSNVILLE___SOLAR 323815	37.62 1.31 0.00	38.31 1.30 0.00	35.98 1.21 0.00	38.43 1.26 0.00	39.99 1.33 0.00	47.61 1.60 0.00	85.31 3.06 0.00	111.92 3.95 0.00	59.33 1.43 0.00	33.04 0.38 0.00	34.20 0.09 0.00	34.72 0.02 0.00	40.49 0.08 0.00	47.77 0.30 0.00	36.25 0.22 0.00	35.26 0.52 0.00	42.02 0.96 0.00	43.56 1.18 0.00	53.42 1.71 0.00	48.80 1.59 0.00	51.19 1.67 0.00	37.17 1.19 0.00	35.01 1.08 0.00	32.53 0.93 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	35.13 -1.19 0.00	36.10 -0.92 0.00	33.85 -0.91 0.00	36.25 -0.92 0.00	37.56 -1.10 0.00	44.89 -1.12 0.00	78.68 -3.58 0.00	102.39 -5.57 0.00	55.44 -2.47 0.00	31.81 -0.86 0.00	33.68 -0.43 0.00	34.59 -0.11 0.00	40.28 -0.13 0.00	46.95 -0.52 0.00	35.26 -0.77 0.00	34.06 -0.67 0.00	39.66 -1.40 0.00	40.37 -2.01 0.00	48.80 -2.91 0.00	44.56 -2.64 0.00	46.52 -3.00 0.00	33.76 -2.22 0.00	32.25 -1.69 0.00	30.15 -1.45 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	37.93 1.62 0.00	38.59 1.57 0.00	36.25 1.49 0.00	38.73 1.56 0.00	40.31 1.66 0.00	47.90 1.89 0.00	86.02 3.76 0.00	113.43 5.46 0.00	60.61 2.71 0.00	34.01 1.35 0.00	35.22 1.11 0.00	35.73 1.03 0.00	41.62 1.22 0.00	49.08 1.61 0.00	37.24 1.22 0.00	35.77 1.04 0.00	42.39 1.33 0.00	44.03 1.66 0.00	54.06 2.35 0.00	49.53 2.33 0.00	51.95 2.43 0.00	37.63 1.65 0.00	35.37 1.44 0.00	32.79 1.19 0.00
PEEKSKILL____ 23653	37.42 1.11 0.00	38.10 1.08 0.00	35.81 1.05 0.00	38.26 1.09 0.00	39.82 1.16 0.00	47.25 1.24 0.00	84.75 2.49 0.00	111.71 3.74 0.00	59.73 1.83 0.00	33.54 0.88 0.00	34.77 0.66 0.00	35.29 0.59 0.00	41.09 0.68 0.00	48.44 0.96 0.00	36.83 0.81 0.00	35.37 0.64 0.00	41.89 0.83 0.00	43.48 1.10 0.00	53.39 1.68 0.00	48.91 1.70 0.00	51.27 1.76 0.00	37.14 1.16 0.00	34.92 0.98 0.00	32.40 0.80 0.00

PGE MADISON___WINDPWR 24146	36.82 0.51 0.00	37.31 0.29 0.00	35.24 0.48 0.00	37.92 0.76 0.00	39.49 0.84 0.00	47.91 1.90 0.00	87.64 5.38 0.00	115.95 7.98 0.00	61.81 3.90 0.00	34.42 1.76 0.00	35.82 1.71 0.00	36.98 2.27 0.00	43.60 3.19 0.00	50.99 3.52 0.00	38.58 2.56 0.00	37.25 2.52 0.00	44.15 3.09 0.00	45.56 3.18 0.00	55.48 3.77 0.00	50.49 3.29 0.00	52.28 2.76 0.00	37.46 1.48 0.00	35.18 1.24 0.00	32.60 1.00 0.00
PIERCEFIELD___HYD 23852	35.61 -0.70 0.00	36.35 -0.67 0.00	35.42 -0.85 -1.51	44.13 -0.65 -7.61	47.82 -0.47 -9.63	53.04 -0.59 -7.62	81.80 -0.45 0.00	107.27 -0.70 0.00	57.67 -0.23 0.00	32.57 -0.09 0.00	33.77 -0.34 0.00	34.22 -0.49 0.00	39.83 -0.58 0.00	46.82 -0.65 0.00	35.77 -0.25 0.00	34.83 0.09 0.00	41.46 0.40 0.00	42.83 0.45 0.00	51.92 0.21 0.00	47.29 0.08 0.00	49.64 0.12 0.00	36.13 0.16 0.00	34.02 0.08 0.00	31.64 0.03 0.00
PINELAWN_CC_1 323563	37.83 1.52 0.00	38.61 1.59 0.00	36.25 1.49 0.00	38.67 1.50 0.00	40.19 1.53 0.00	47.86 1.86 0.00	98.15 3.91 -11.99	120.75 6.09 -6.69	73.46 3.38 -12.17	67.30 1.78 -32.86	35.62 1.51 0.00	36.00 1.30 0.00	41.78 1.37 0.00	111.01 2.19 -61.35	51.13 1.72 -13.39	35.79 1.06 0.00	42.55 1.49 0.00	44.27 1.89 0.00	54.45 2.74 0.00	49.95 2.75 0.00	52.28 2.76 0.00	37.85 1.88 0.00	38.19 1.72 -2.53	32.99 1.39 0.00
PJM_GEN_HTP_PROXY 323702	37.74 1.42 0.00	38.38 1.37 0.00	36.04 1.28 0.00	38.52 1.35 0.00	40.12 1.45 -0.01	47.64 1.64 0.00	85.50 3.25 0.00	110.82 4.94 2.09	60.48 2.58 0.00	33.96 1.30 0.00	35.22 1.11 0.00	35.75 1.05 0.00	41.57 1.16 0.00	48.98 1.51 0.00	37.23 1.21 0.00	35.71 0.98 0.00	42.29 1.23 0.00	43.89 1.52 0.00	53.86 2.14 0.00	49.36 2.16 0.00	53.92 2.23 -2.17	37.49 1.52 0.00	35.27 1.33 0.00	32.71 1.11 0.00
PJM_GEN_KEystone 24065	36.02 -0.30 0.00	36.83 -0.18 0.00	34.64 -0.12 0.00	37.06 -0.11 0.00	38.46 -0.21 -0.01	45.67 -0.34 0.00	80.78 -0.98 0.50	107.70 -1.18 -0.91	57.20 -0.70 0.00	32.37 -0.29 0.00	33.84 -0.27 0.00	34.51 -0.19 0.00	40.20 -0.21 0.00	47.24 -0.23 0.00	35.74 -0.28 0.00	34.38 -0.35 0.00	40.46 -0.60 0.00	41.70 -0.68 0.00	50.91 -0.81 0.00	46.57 -0.63 0.00	50.91 -0.78 -2.17	35.29 -0.69 0.00	33.30 -0.63 0.00	31.02 -0.58 0.00
PJM_GEN_NEPTUNE_PROXY 323594	37.64 1.33 0.00	38.38 1.36 0.00	36.04 1.28 0.00	38.46 1.29 0.00	39.99 1.32 -0.01	47.55 1.54 0.00	97.54 3.31 -11.99	118.15 5.57 -4.61	73.16 3.09 -12.17	67.13 1.61 -32.86	35.55 1.44 0.00	35.99 1.29 0.00	41.83 1.42 0.00	110.86 2.04 -61.35	51.00 1.59 -13.39	35.63 0.89 0.00	42.29 1.23 0.00	43.92 1.55 0.00	53.98 2.27 0.00	49.50 2.30 0.00	54.00 2.31 -2.17	37.55 1.57 0.00	35.36 1.43 0.00	32.75 1.15 0.00
PJM_GEN_VFT_PROXY 323633	37.53 1.22 0.00	38.19 1.17 0.00	35.89 1.13 0.00	38.34 1.17 0.00	39.92 1.25 -0.01	47.38 1.37 0.00	84.98 2.73 0.00	110.14 4.26 2.09	60.08 2.18 0.00	33.77 1.11 0.00	34.99 0.88 0.00	35.54 0.83 0.00	41.32 0.91 0.00	48.67 1.20 0.00	37.03 1.01 0.00	35.54 0.81 0.00	42.07 1.01 0.00	43.68 1.30 0.00	53.58 1.87 0.00	49.12 1.92 0.00	53.67 1.97 -2.17	37.30 1.33 0.00	35.07 1.14 0.00	32.53 0.93 0.00
PLATSBURG_115KV_PMLD1 355749	35.96 -0.35 0.00	36.75 -0.27 0.00	25.00 -0.55 9.21	-9.76 -0.56 46.37	-20.61 -0.54 58.72	-1.17 -0.74 46.44	81.67 -0.58 0.00	107.27 -0.70 0.00	58.43 0.54 0.00	33.39 0.72 0.00	34.84 0.73 0.00	35.30 0.60 0.00	40.93 0.52 0.00	48.05 0.58 0.00	36.46 0.44 0.00	35.56 0.83 0.00	42.43 1.37 0.00	43.97 1.59 0.00	53.52 1.81 0.00	48.81 1.60 0.00	51.13 1.61 0.00	37.28 1.30 0.00	34.94 1.00 0.00	32.34 0.74 0.00
PLEASANTVLY___LBMP 24000	37.43 1.12 0.00	38.07 1.06 0.00	35.77 1.01 0.00	38.21 1.04 0.00	39.76 1.10 0.00	47.21 1.20 0.00	84.65 2.39 0.00	111.54 3.58 0.00	59.61 1.71 0.00	33.49 0.82 0.00	34.73 0.62 0.00	35.24 0.54 0.00	41.00 0.60 0.00	48.31 0.84 0.00	36.71 0.69 0.00	35.24 0.51 0.00	41.76 0.70 0.00	43.37 1.00 0.00	53.25 1.54 0.00	48.77 1.56 0.00	51.16 1.65 0.00	37.10 1.12 0.00	34.91 0.97 0.00	32.40 0.80 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	37.65 1.34 0.00	38.35 1.33 0.00	36.02 1.26 0.00	38.46 1.29 0.00	40.02 1.36 0.00	47.54 1.53 0.00	85.32 3.07 0.00	112.52 4.55 0.00	60.18 2.27 0.00	33.79 1.13 0.00	35.04 0.93 0.00	35.57 0.87 0.00	41.38 0.98 0.00	48.77 1.29 0.00	37.05 1.03 0.00	35.55 0.82 0.00	42.13 1.07 0.00	43.74 1.36 0.00	53.69 1.98 0.00	49.20 2.00 0.00	51.57 2.05 0.00	37.38 1.41 0.00	35.16 1.22 0.00	32.63 1.03 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	37.65 1.34 0.00	38.35 1.33 0.00	36.02 1.26 0.00	38.46 1.29 0.00	40.02 1.36 0.00	47.54 1.53 0.00	85.32 3.07 0.00	112.52 4.55 0.00	60.18 2.27 0.00	33.79 1.13 0.00	35.04 0.93 0.00	35.57 0.87 0.00	41.38 0.98 0.00	48.77 1.29 0.00	37.05 1.03 0.00	35.55 0.82 0.00	42.13 1.07 0.00	43.74 1.36 0.00	53.69 1.98 0.00	49.20 2.00 0.00	51.57 2.05 0.00	37.38 1.41 0.00	35.16 1.22 0.00	32.63 1.03 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	37.74 1.43 0.00	38.37 1.36 0.00	36.05 1.29 0.00	38.52 1.35 0.00	40.09 1.43 0.00	47.61 1.61 0.00	85.42 3.17 0.00	112.63 4.66 0.00	60.13 2.23 0.00	33.73 1.07 0.00	34.97 0.85 0.00	35.45 0.75 0.00	41.30 0.89 0.00	48.70 1.23 0.00	36.93 0.91 0.00	35.50 0.76 0.00	42.11 1.05 0.00	43.78 1.40 0.00	53.75 2.03 0.00	49.23 2.02 0.00	51.64 2.12 0.00	37.42 1.45 0.00	35.19 1.25 0.00	32.64 1.05 0.00
POLETTI___ 23519	37.72 1.40 0.00	38.35 1.33 0.00	36.02 1.26 0.00	38.49 1.32 0.00	40.07 1.41 0.00	47.59 1.58 0.00	85.39 3.14 0.00	112.80 4.83 0.00	60.43 2.53 0.00	33.96 1.30 0.00	35.22 1.11 0.00	35.75 1.05 0.00	41.55 1.15 0.00	48.96 1.49 0.00	37.22 1.20 0.00	35.71 0.98 0.00	42.28 1.22 0.00	43.89 1.51 0.00	53.85 2.13 0.00	49.34 2.14 0.00	51.74 2.22 0.00	37.49 1.52 0.00	35.25 1.32 0.00	32.72 1.12 0.00
POMONA___ESR 323819	37.44 1.12 0.00	38.12 1.10 0.00	35.85 1.09 0.00	38.30 1.12 0.00	39.85 1.20 0.00	47.31 1.31 0.00	84.84 2.58 0.00	111.83 3.86 0.00	59.78 1.88 0.00	33.57 0.91 0.00	34.80 0.69 0.00	35.34 0.64 0.00	41.15 0.75 0.00	48.49 1.02 0.00	36.90 0.88 0.00	35.46 0.73 0.00	41.94 0.88 0.00	43.54 1.17 0.00	53.45 1.73 0.00	48.97 1.76 0.00	51.32 1.80 0.00	37.15 1.17 0.00	34.93 1.00 0.00	32.41 0.81 0.00
PORT_JEFF_3 23555	37.63 1.31 0.00	38.41 1.40 0.00	36.06 1.30 0.00	38.46 1.29 0.00	39.98 1.32 0.00	47.72 1.72 0.00	97.81 3.57 -11.99	119.74 5.07 -6.69	73.04 2.97 -12.17	67.08 1.55 -32.86	35.29 1.18 0.00	35.62 0.92 0.00	41.34 0.93 0.00	110.52 1.70 -61.35	50.82 1.41 -13.39	35.46 0.73 0.00	42.28 1.22 0.00	43.97 1.60 0.00	54.24 2.53 0.00	49.81 2.60 0.00	52.10 2.58 0.00	37.66 1.69 0.00	36.47 1.53 -1.00	32.73 1.13 0.00

PORT_JEFF_4 23616	37.63 1.31 0.00	38.41 1.40 0.00	36.06 1.30 0.00	38.46 1.29 0.00	39.98 1.32 0.00	47.72 1.72 0.00	97.81 3.57 -11.99	119.74 5.07 -6.69	73.04 2.97 -12.17	67.08 1.55 -32.86	35.29 1.18 0.00	35.62 0.92 0.00	41.34 0.93 0.00	110.52 1.70 -61.35	50.82 1.41 -13.39	35.46 0.73 0.00	42.28 1.22 0.00	43.97 1.60 0.00	54.24 2.53 0.00	49.81 2.60 0.00	52.10 2.58 0.00	37.66 1.69 0.00	36.47 1.53 -1.00	32.73 1.13 0.00
PORT_JEFF_IC 23713	37.62 1.30 0.00	38.41 1.39 0.00	36.04 1.28 0.00	38.44 1.27 0.00	39.96 1.31 0.00	47.72 1.71 0.00	97.78 3.54 -11.99	119.54 4.87 -6.69	73.03 2.96 -12.17	67.06 1.54 -32.86	35.28 1.16 0.00	35.60 0.90 0.00	41.32 0.92 0.00	110.50 1.68 -61.35	50.80 1.39 -13.39	35.45 0.72 0.00	42.27 1.21 0.00	43.97 1.59 0.00	54.25 2.54 0.00	49.82 2.62 0.00	52.13 2.61 0.00	37.66 1.69 0.00	36.51 1.52 -1.05	32.73 1.13 0.00
PPL_PILGRIM_ST_GT1 24216	37.88 1.57 0.00	38.71 1.69 0.00	36.33 1.56 0.00	38.74 1.57 0.00	40.26 1.60 0.00	47.97 1.96 0.00	98.28 4.04 -11.99	120.42 5.76 -6.69	73.49 3.42 -12.17	67.36 1.83 -32.86	35.69 1.58 0.00	36.05 1.34 0.00	41.73 1.33 0.00	111.05 2.23 -61.35	51.19 1.78 -13.39	35.84 1.11 0.00	42.65 1.59 0.00	44.36 1.98 0.00	54.59 2.87 0.00	50.07 2.86 0.00	52.38 2.86 0.00	37.91 1.94 0.00	36.99 1.77 -1.28	33.02 1.42 0.00
PPL_PILGRIM_ST_GT2 24217	37.88 1.57 0.00	38.71 1.69 0.00	36.33 1.56 0.00	38.74 1.57 0.00	40.26 1.60 0.00	47.97 1.96 0.00	98.28 4.04 -11.99	120.42 5.76 -6.69	73.49 3.42 -12.17	67.36 1.83 -32.86	35.69 1.58 0.00	36.05 1.34 0.00	41.73 1.33 0.00	111.05 2.23 -61.35	51.19 1.78 -13.39	35.84 1.11 0.00	42.65 1.59 0.00	44.36 1.98 0.00	54.59 2.87 0.00	50.07 2.86 0.00	52.38 2.86 0.00	37.91 1.94 0.00	36.99 1.77 -1.28	33.02 1.42 0.00
PPL_SHRM_GT3 24213	37.17 0.86 0.00	37.93 0.91 0.00	35.62 0.86 0.00	37.99 0.83 0.00	39.51 0.85 0.00	47.39 1.38 0.00	97.20 2.96 -11.99	118.64 3.97 -6.69	72.27 2.20 -12.17	66.54 1.02 -32.86	34.59 0.48 0.00	34.86 0.16 0.00	40.47 0.06 0.00	109.53 0.71 -61.35	50.16 0.75 -13.39	34.78 0.05 0.00	41.55 0.49 0.00	43.29 0.92 0.00	53.67 1.96 0.00	49.47 2.27 0.00	51.74 2.22 0.00	37.24 1.27 0.00	36.08 1.13 -1.02	32.23 0.62 0.00
PPL_SHRM_GT4 24214	37.17 0.86 0.00	37.93 0.91 0.00	35.62 0.86 0.00	37.99 0.83 0.00	39.51 0.85 0.00	47.39 1.38 0.00	97.20 2.96 -11.99	118.64 3.97 -6.69	72.27 2.20 -12.17	66.54 1.02 -32.86	34.59 0.48 0.00	34.86 0.16 0.00	40.47 0.06 0.00	109.53 0.71 -61.35	50.16 0.75 -13.39	34.78 0.05 0.00	41.55 0.49 0.00	43.29 0.92 0.00	53.67 1.96 0.00	49.47 2.27 0.00	51.74 2.22 0.00	37.24 1.27 0.00	36.08 1.13 -1.02	32.23 0.62 0.00
PROJECT___ORANGE 1 24174	35.93 -0.38 0.00	36.64 -0.38 0.00	34.47 -0.29 0.00	36.85 -0.33 0.00	38.28 -0.37 0.00	45.66 -0.35 0.00	81.54 -0.71 0.00	107.01 -0.96 0.00	57.26 -0.64 0.00	32.35 -0.31 0.00	33.98 -0.13 0.00	34.68 -0.03 0.00	40.40 -0.01 0.00	47.41 -0.06 0.00	35.92 -0.11 0.00	34.63 -0.10 0.00	40.79 -0.27 0.00	41.93 -0.44 0.00	51.15 -0.56 0.00	46.70 -0.51 0.00	48.92 -0.60 0.00	35.48 -0.49 0.00	33.49 -0.45 0.00	31.21 -0.39 0.00
PROJECT___ORANGE 2 24166	35.93 -0.38 0.00	36.64 -0.38 0.00	34.47 -0.29 0.00	36.85 -0.33 0.00	38.28 -0.37 0.00	45.66 -0.35 0.00	81.54 -0.71 0.00	107.01 -0.96 0.00	57.26 -0.64 0.00	32.35 -0.31 0.00	33.98 -0.13 0.00	34.68 -0.03 0.00	40.40 -0.01 0.00	47.41 -0.06 0.00	35.92 -0.11 0.00	34.63 -0.10 0.00	40.79 -0.27 0.00	41.93 -0.44 0.00	51.15 -0.56 0.00	46.70 -0.51 0.00	48.92 -0.60 0.00	35.48 -0.49 0.00	33.49 -0.45 0.00	31.21 -0.39 0.00
PUCKETT___SOLAR 323809	36.22 -0.09 0.00	36.85 -0.17 0.00	34.70 -0.06 0.00	37.22 0.05 0.00	38.70 0.05 0.00	46.31 0.30 0.00	82.98 0.73 0.00	109.20 1.23 0.00	58.26 0.36 0.00	32.77 0.11 0.00	34.30 0.18 0.00	35.23 0.53 0.00	41.12 0.71 0.00	48.21 0.74 0.00	36.42 0.40 0.00	35.08 0.35 0.00	41.45 0.39 0.00	42.72 0.35 0.00	52.10 0.39 0.00	47.47 0.26 0.00	49.59 0.07 0.00	35.87 -0.10 0.00	33.78 -0.16 0.00	31.38 -0.22 0.00
PYRITES___HYD 24023	36.66 0.34 0.00	37.43 0.41 0.00	36.30 0.17 -1.36	44.38 0.38 -6.83	47.86 0.55 -8.65	53.59 0.74 -6.84	84.13 1.88 0.00	110.19 2.22 0.00	59.13 1.22 0.00	33.30 0.63 0.00	34.32 0.21 0.00	34.77 0.07 0.00	40.47 0.06 0.00	47.48 0.01 0.00	36.37 0.35 0.00	35.70 0.97 0.00	42.50 1.44 0.00	43.90 1.53 0.00	53.25 1.53 0.00	48.52 1.32 0.00	50.93 1.41 0.00	37.06 1.09 0.00	34.90 0.96 0.00	32.45 0.85 0.00
QUAKERRD_115KV_BK1 80622	34.99 -1.33 0.00	35.76 -1.27 0.00	33.54 -1.22 0.00	35.86 -1.31 0.00	37.26 -1.40 0.00	44.50 -1.51 0.00	78.84 -3.41 0.00	103.03 -4.94 0.00	55.49 -2.41 0.00	31.53 -1.13 0.00	33.24 -0.88 0.00	34.01 -0.69 0.00	39.61 -0.80 0.00	46.29 -1.19 0.00	34.98 -1.04 0.00	33.83 -0.90 0.00	39.63 -1.43 0.00	40.56 -1.81 0.00	49.29 -2.42 0.00	45.00 -2.20 0.00	47.11 -2.40 0.00	34.18 -1.80 0.00	32.41 -1.53 0.00	30.25 -1.36 0.00
QUENSBRY_115KV_TB8 356137	38.41 2.10 0.00	39.15 2.13 0.00	36.76 2.00 0.00	39.23 2.06 0.00	40.81 2.15 0.00	48.73 2.72 0.00	87.97 5.72 0.00	115.17 7.20 0.00	60.94 3.04 0.00	34.00 1.34 0.00	35.32 1.21 0.00	35.68 0.97 0.00	41.40 0.99 0.00	48.78 1.31 0.00	36.99 0.97 0.00	36.00 1.27 0.00	43.00 1.94 0.00	44.71 2.33 0.00	55.02 3.30 0.00	50.22 3.01 0.00	52.68 3.16 0.00	38.17 2.19 0.00	35.98 2.05 0.00	33.36 1.76 0.00
RAMAPO___LBMP 323565	37.29 0.98 0.00	37.97 0.96 0.00	35.72 0.96 0.00	38.16 0.99 0.00	39.71 1.05 0.00	47.10 1.09 0.00	84.43 2.17 0.00	111.24 3.27 0.00	59.45 1.55 0.00	33.38 0.72 0.00	34.61 0.50 0.00	35.15 0.45 0.00	40.92 0.52 0.00	48.21 0.74 0.00	36.70 0.68 0.00	35.27 0.53 0.00	41.76 0.70 0.00	43.33 0.96 0.00	53.21 1.50 0.00	48.74 1.54 0.00	51.09 1.57 0.00	36.98 1.01 0.00	34.77 0.84 0.00	32.28 0.68 0.00
RANKINE____ 23646	35.08 -1.23 0.00	36.09 -0.93 0.00	33.85 -0.91 0.00	36.24 -0.93 0.00	37.56 -1.10 0.00	44.91 -1.09 0.00	78.59 -3.66 0.00	102.10 -5.87 0.00	55.34 -2.56 0.00	31.78 -0.89 0.00	33.65 -0.46 0.00	34.54 -0.17 0.00	40.23 -0.18 0.00	46.84 -0.63 0.00	35.21 -0.81 0.00	34.06 -0.67 0.00	39.58 -1.48 0.00	40.26 -2.12 0.00	48.67 -3.04 0.00	44.41 -2.80 0.00	46.36 -3.15 0.00	33.63 -2.34 0.00	32.20 -1.74 0.00	30.12 -1.48 0.00
RAVENSWOOD_GT2_1 24244	37.78 1.46 0.00	38.43 1.41 0.00	36.09 1.33 0.00	38.56 1.39 0.00	40.14 1.48 0.00	47.69 1.68 0.00	85.56 3.30 0.00	112.99 5.02 0.00	60.51 2.61 0.00	34.01 1.34 0.00	35.26 1.15 0.00	35.79 1.09 0.00	41.62 1.21 0.00	49.04 1.57 0.00	37.28 1.26 0.00	35.76 1.03 0.00	42.35 1.29 0.00	43.96 1.58 0.00	53.93 2.22 0.00	49.43 2.22 0.00	51.82 2.30 0.00	37.54 1.57 0.00	35.31 1.37 0.00	32.75 1.15 0.00



RAVENSWOOD_GT2_2 24245	37.78 1.46 0.00	38.43 1.41 0.00	36.09 1.33 0.00	38.56 1.39 0.00	40.14 1.48 0.00	47.69 1.68 0.00	85.56 3.30 0.00	112.99 5.02 0.00	60.51 2.61 0.00	34.01 1.34 0.00	35.26 1.15 0.00	35.79 1.09 0.00	41.62 1.21 0.00	49.04 1.57 0.00	37.28 1.26 0.00	35.76 1.03 0.00	42.35 1.29 0.00	43.96 1.58 0.00	53.93 2.22 0.00	49.43 2.22 0.00	51.82 2.30 0.00	37.54 1.57 0.00	35.31 1.37 0.00	32.75 1.15 0.00
RAVENSWOOD_GT2_3 24246	37.79 1.47 0.00	38.44 1.42 0.00	36.10 1.34 0.00	38.58 1.41 0.00	40.16 1.50 0.00	47.70 1.69 0.00	85.60 3.34 0.00	113.03 5.07 0.00	60.54 2.64 0.00	34.02 1.36 0.00	35.27 1.16 0.00	35.82 1.12 0.00	41.64 1.23 0.00	49.06 1.59 0.00	37.30 1.28 0.00	35.78 1.05 0.00	42.37 1.31 0.00	43.97 1.60 0.00	53.97 2.25 0.00	49.44 2.24 0.00	51.86 2.34 0.00	37.57 1.59 0.00	35.32 1.39 0.00	32.77 1.17 0.00
RAVENSWOOD_GT2_4 24247	37.79 1.47 0.00	38.44 1.42 0.00	36.10 1.34 0.00	38.58 1.41 0.00	40.16 1.50 0.00	47.70 1.69 0.00	85.60 3.34 0.00	113.03 5.07 0.00	60.54 2.64 0.00	34.02 1.36 0.00	35.27 1.16 0.00	35.82 1.12 0.00	41.64 1.23 0.00	49.06 1.59 0.00	37.30 1.28 0.00	35.78 1.05 0.00	42.37 1.31 0.00	43.97 1.60 0.00	53.97 2.25 0.00	49.44 2.24 0.00	51.86 2.34 0.00	37.57 1.59 0.00	35.32 1.39 0.00	32.77 1.17 0.00
RAVENSWOOD_GT3_1 24248	37.79 1.47 0.00	38.43 1.41 0.00	36.09 1.33 0.00	38.57 1.40 0.00	40.14 1.48 0.00	47.69 1.68 0.00	85.56 3.30 0.00	113.01 5.04 0.00	60.52 2.61 0.00	34.01 1.35 0.00	35.26 1.15 0.00	35.80 1.09 0.00	41.62 1.22 0.00	49.05 1.57 0.00	37.28 1.26 0.00	35.77 1.04 0.00	42.35 1.29 0.00	43.96 1.59 0.00	53.94 2.23 0.00	49.43 2.22 0.00	51.82 2.31 0.00	37.55 1.58 0.00	35.31 1.38 0.00	32.76 1.16 0.00
RAVENSWOOD_GT3_2 24249	37.79 1.47 0.00	38.43 1.41 0.00	36.09 1.33 0.00	38.57 1.40 0.00	40.14 1.48 0.00	47.69 1.68 0.00	85.56 3.30 0.00	113.01 5.04 0.00	60.52 2.61 0.00	34.01 1.35 0.00	35.26 1.15 0.00	35.80 1.09 0.00	41.62 1.22 0.00	49.05 1.57 0.00	37.28 1.26 0.00	35.77 1.04 0.00	42.35 1.29 0.00	43.96 1.59 0.00	53.94 2.23 0.00	49.43 2.22 0.00	51.82 2.31 0.00	37.55 1.58 0.00	35.31 1.38 0.00	32.76 1.16 0.00
RAVENSWOOD_GT3_3 24250	37.83 1.51 0.00	38.48 1.46 0.00	36.14 1.38 0.00	38.62 1.45 0.00	40.20 1.54 0.00	47.74 1.74 0.00	85.68 3.43 0.00	113.18 5.21 0.00	60.62 2.72 0.00	34.06 1.40 0.00	35.32 1.21 0.00	35.85 1.15 0.00	41.69 1.29 0.00	49.12 1.65 0.00	37.34 1.32 0.00	35.82 1.08 0.00	42.42 1.36 0.00	44.02 1.65 0.00	54.02 2.30 0.00	49.50 2.29 0.00	51.91 2.39 0.00	37.61 1.63 0.00	35.36 1.43 0.00	32.81 1.21 0.00
RAVENSWOOD_GT3_4 24251	37.83 1.51 0.00	38.48 1.46 0.00	36.14 1.38 0.00	38.62 1.45 0.00	40.20 1.54 0.00	47.74 1.74 0.00	85.68 3.43 0.00	113.18 5.21 0.00	60.62 2.72 0.00	34.06 1.40 0.00	35.32 1.21 0.00	35.85 1.15 0.00	41.69 1.29 0.00	49.12 1.65 0.00	37.34 1.32 0.00	35.82 1.08 0.00	42.42 1.36 0.00	44.02 1.65 0.00	54.02 2.30 0.00	49.50 2.29 0.00	51.91 2.39 0.00	37.61 1.63 0.00	35.36 1.43 0.00	32.81 1.21 0.00
RAVENSWOOD_GT_1 23729	41.42 1.62 -3.49	41.78 1.57 -3.19	39.84 1.47 -3.61	41.82 1.55 -3.10	43.09 1.66 -2.78	49.55 1.88 -1.67	85.94 3.66 -0.03	114.28 5.59 -0.72	66.73 2.94 -5.89	41.52 1.54 -7.31	40.42 1.36 -4.96	40.03 1.30 -4.02	49.50 1.46 -7.63	52.06 1.85 -2.74	41.81 1.47 -4.32	40.70 1.24 -4.73	44.60 1.53 -2.02	45.81 1.81 -1.62	59.24 2.51 -5.02	58.81 2.47 -9.13	61.93 2.59 -9.83	41.46 1.78 -3.70	38.98 1.56 -3.49	36.77 1.32 -3.85
RAVENSWOOD_GT_10 24258	38.17 1.46 -0.40	38.79 1.41 -0.37	36.51 1.33 -0.42	38.92 1.39 -0.36	40.46 1.48 -0.32	47.87 1.67 -0.19	85.56 3.30 0.00	113.07 5.02 -0.08	60.24 2.60 0.27	34.18 1.34 -0.18	35.61 1.15 -0.35	36.07 1.08 -0.28	41.53 1.20 0.08	48.91 1.56 0.11	37.51 1.25 -0.24	36.11 1.02 -0.35	42.58 1.29 -0.23	44.14 1.58 -0.19	53.68 2.21 0.24	50.24 2.21 -0.83	52.54 2.30 -0.72	37.97 1.57 -0.43	35.71 1.37 -0.40	33.20 1.15 -0.44
RAVENSWOOD_GT_11 24259	38.17 1.46 -0.40	38.79 1.41 -0.37	36.51 1.33 -0.42	38.92 1.39 -0.36	40.46 1.48 -0.32	47.87 1.67 -0.19	85.56 3.30 0.00	113.07 5.02 -0.08	60.24 2.60 0.27	34.18 1.34 -0.18	35.61 1.15 -0.35	36.07 1.08 -0.28	41.53 1.20 0.08	48.91 1.56 0.11	37.51 1.25 -0.24	36.11 1.02 -0.35	42.58 1.29 -0.23	44.14 1.58 -0.19	53.68 2.21 0.24	50.24 2.21 -0.83	52.54 2.30 -0.72	37.97 1.57 -0.43	35.71 1.37 -0.40	33.20 1.15 -0.44
RAVENSWOOD_GT_4 24252	40.41 1.44 -2.65	40.84 1.39 -2.43	38.83 1.32 -2.75	40.91 1.38 -2.36	42.25 1.47 -2.11	48.91 1.65 -1.25	85.54 3.26 -0.02	113.47 4.95 -0.55	58.69 2.58 1.79	35.19 1.32 -1.21	37.52 1.12 -2.29	37.62 1.06 -1.86	41.04 1.19 0.56	48.24 1.53 0.77	38.83 1.23 -1.57	38.07 1.01 -2.32	43.80 1.25 -1.49	45.16 1.55 -1.23	52.32 2.20 1.59	54.84 2.18 -5.45	56.56 2.27 -4.78	40.34 1.55 -2.81	37.94 1.35 -2.65	35.67 1.14 -2.92
RAVENSWOOD_GT_5 24254	40.41 1.44 -2.65	40.84 1.39 -2.43	38.83 1.32 -2.75	40.91 1.38 -2.36	42.25 1.47 -2.11	48.91 1.65 -1.25	85.54 3.26 -0.02	113.47 4.95 -0.55	58.69 2.58 1.79	35.19 1.32 -1.21	37.52 1.12 -2.29	37.62 1.06 -1.86	41.04 1.19 0.56	48.24 1.53 0.77	38.83 1.23 -1.57	38.07 1.01 -2.32	43.80 1.25 -1.49	45.16 1.55 -1.23	52.32 2.20 1.59	54.84 2.18 -5.45	56.56 2.27 -4.78	40.34 1.55 -2.81	37.94 1.35 -2.65	35.67 1.14 -2.92
RAVENSWOOD_GT_6 24253	40.41 1.44 -2.65	40.84 1.39 -2.43	38.83 1.32 -2.75	40.91 1.38 -2.36	42.25 1.47 -2.11	48.91 1.65 -1.25	85.54 3.26 -0.02	113.47 4.95 -0.55	58.69 2.58 1.79	35.19 1.32 -1.21	37.52 1.12 -2.29	37.62 1.06 -1.86	41.04 1.19 0.56	48.24 1.53 0.77	38.83 1.23 -1.57	38.07 1.01 -2.32	43.80 1.25 -1.49	45.16 1.55 -1.23	52.32 2.20 1.59	54.84 2.18 -5.45	56.56 2.27 -4.78	40.34 1.55 -2.81	37.94 1.35 -2.65	35.67 1.14 -2.92
RAVENSWOOD_GT_7 24255	40.41 1.44 -2.65	40.84 1.39 -2.43	38.83 1.32 -2.75	40.91 1.38 -2.36	42.25 1.47 -2.11	48.91 1.65 -1.25	85.54 3.26 -0.02	113.47 4.95 -0.55	58.69 2.58 1.79	35.19 1.32 -1.21	37.52 1.12 -2.29	37.62 1.06 -1.86	41.04 1.19 0.56	48.24 1.53 0.77	38.83 1.23 -1.57	38.07 1.01 -2.32	43.80 1.25 -1.49	45.16 1.55 -1.23	52.32 2.20 1.59	54.84 2.18 -5.45	56.56 2.27 -4.78	40.34 1.55 -2.81	37.94 1.35 -2.65	35.67 1.14 -2.92
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	38.17 1.46 -0.40	38.79 1.41 -0.37	36.51 1.33 -0.42	38.92 1.39 -0.36	40.46 1.48 -0.32	47.87 1.67 -0.19	85.56 3.30 0.00	113.07 5.02 -0.08	60.24 2.60 0.27	34.18 1.34 -0.18	35.61 1.15 -0.35	36.07 1.08 -0.28	41.53 1.20 0.08	48.91 1.56 0.11	37.51 1.25 -0.24	36.11 1.02 -0.35	42.58 1.29 -0.23	44.14 1.58 -0.19	53.68 2.21 0.24	50.24 2.21 -0.83	52.54 2.30 -0.72	37.97 1.57 -0.43	35.71 1.37 -0.40	33.20 1.15 -0.44

RAVENSWOOD_GT_9 24257	38.17 1.46 -0.40	38.79 1.41 -0.37	36.51 1.33 -0.42	38.92 1.39 -0.36	40.46 1.48 -0.32	47.87 1.67 -0.19	85.56 3.30 0.00	113.07 5.02 -0.08	60.24 2.60 0.27	34.18 1.34 -0.18	35.61 1.15 -0.35	36.07 1.08 -0.28	41.53 1.20 0.08	48.91 1.56 0.11	37.51 1.25 -0.24	36.11 1.02 -0.35	42.58 1.29 -0.23	44.14 1.58 -0.19	53.68 2.21 0.24	50.24 2.21 -0.83	52.54 2.30 -0.72	37.97 1.57 -0.43	35.71 1.37 -0.40	33.20 1.15 -0.44
RAVENSWOOD___1 23533	34.44 1.56 3.43	35.39 1.51 3.14	32.60 1.40 3.56	35.60 1.49 3.05	37.52 1.60 2.73	46.19 1.79 1.61	85.74 3.51 0.03	112.63 5.37 0.71	63.04 2.83 -2.32	32.57 1.47 1.56	32.44 1.28 2.96	33.53 1.22 2.40	42.49 1.36 -0.72	50.20 1.73 -1.00	35.39 1.40 2.03	32.88 1.15 3.01	40.58 1.45 1.92	42.53 1.75 1.59	56.19 2.42 -2.06	42.56 2.40 7.04	45.83 2.49 6.17	34.06 1.72 3.63	32.00 1.49 3.43	29.07 1.25 3.78
RAVENSWOOD___2 23534	34.44 1.56 3.43	35.39 1.51 3.14	32.60 1.40 3.56	35.60 1.49 3.05	37.52 1.60 2.73	46.19 1.79 1.61	85.74 3.51 0.03	112.63 5.37 0.71	63.04 2.83 -2.32	32.57 1.47 1.56	32.44 1.28 2.96	33.53 1.22 2.40	42.49 1.36 -0.72	50.20 1.73 -1.00	35.39 1.40 2.03	32.88 1.15 3.01	40.58 1.45 1.92	42.53 1.75 1.59	56.19 2.42 -2.06	42.56 2.40 7.04	45.83 2.49 6.17	34.06 1.72 3.63	32.00 1.49 3.43	29.07 1.25 3.78
RAVENSWOOD___3 23535	37.79 1.47 0.00	38.44 1.42 0.00	36.09 1.33 0.00	38.57 1.40 0.00	40.14 1.48 0.00	47.69 1.68 0.00	85.57 3.31 0.00	113.01 5.04 0.00	60.52 2.62 0.00	34.01 1.35 0.00	35.26 1.15 0.00	35.79 1.09 0.00	41.63 1.22 0.00	49.04 1.57 0.00	37.28 1.26 0.00	35.77 1.04 0.00	42.35 1.29 0.00	43.96 1.59 0.00	53.93 2.22 0.00	49.43 2.23 0.00	51.82 2.31 0.00	37.56 1.59 0.00	35.31 1.38 0.00	32.75 1.15 0.00
RAVENSWOOD___4 23820	34.44 1.56 3.43	35.39 1.51 3.14	32.60 1.40 3.56	35.60 1.49 3.05	37.52 1.60 2.73	46.19 1.79 1.61	85.74 3.51 0.03	112.63 5.37 0.71	63.04 2.83 -2.32	32.57 1.47 1.56	32.44 1.28 2.96	33.53 1.22 2.40	42.49 1.36 -0.72	50.20 1.73 -1.00	35.39 1.40 2.03	32.88 1.15 3.01	40.58 1.45 1.92	42.53 1.75 1.59	56.19 2.42 -2.06	42.56 2.40 7.04	45.83 2.49 6.17	34.06 1.72 3.63	32.00 1.49 3.43	29.07 1.25 3.78
RCPL_TRUST___DRP 24196	37.74 1.42 0.00	38.39 1.37 0.00	36.04 1.28 0.00	38.52 1.35 0.00	40.10 1.45 0.00	47.64 1.64 0.00	85.50 3.25 0.00	112.91 4.94 0.00	60.48 2.58 0.00	33.96 1.30 0.00	35.22 1.11 0.00	35.75 1.05 0.00	41.57 1.16 0.00	48.98 1.51 0.00	37.23 1.21 0.00	35.71 0.98 0.00	42.29 1.23 0.00	43.89 1.52 0.00	53.86 2.14 0.00	49.36 2.15 0.00	51.76 2.24 0.00	37.49 1.52 0.00	35.26 1.32 0.00	32.71 1.11 0.00
RED___ROCHESTER 323720	35.82 -0.50 0.00	36.60 -0.42 0.00	34.31 -0.45 0.00	36.69 -0.48 0.00	38.09 -0.57 0.00	45.53 -0.48 0.00	80.50 -1.75 0.00	105.09 -2.88 0.00	56.74 -1.17 0.00	32.31 -0.35 0.00	34.11 0.00 0.00	34.93 0.23 0.00	40.64 0.23 0.00	47.43 -0.05 0.00	35.82 -0.20 0.00	34.68 -0.05 0.00	40.58 -0.48 0.00	41.47 -0.91 0.00	50.35 -1.37 0.00	45.98 -1.22 0.00	48.13 -1.39 0.00	34.90 -1.07 0.00	33.16 -0.78 0.00	30.95 -0.65 0.00
REGAN___SOLAR 323812	38.36 2.05 0.00	39.10 2.08 0.00	36.69 1.93 0.00	39.18 2.01 0.00	40.79 2.13 0.00	48.67 2.66 0.00	87.43 5.17 0.00	114.56 6.60 0.00	59.93 2.03 0.00	32.76 0.10 0.00	33.80 -0.31 0.00	34.22 -0.48 0.00	40.25 -0.16 0.00	47.64 0.16 0.00	36.19 0.17 0.00	35.88 1.15 0.00	43.14 2.08 0.00	44.76 2.38 0.00	55.07 3.36 0.00	50.31 3.10 0.00	52.72 3.21 0.00	38.25 2.28 0.00	35.98 2.04 0.00	33.37 1.77 0.00
RENSSELAER___COGEN 23796	37.52 1.21 0.00	38.16 1.14 0.00	35.85 1.09 0.00	38.28 1.11 0.00	39.83 1.17 0.00	47.31 1.31 0.00	84.59 2.33 0.00	111.04 3.08 0.00	59.24 1.34 0.00	33.23 0.56 0.00	34.48 0.37 0.00	35.04 0.33 0.00	40.65 0.24 0.00	47.56 0.09 0.00	35.83 -0.19 0.00	34.39 -0.34 0.00	40.67 -0.39 0.00	42.21 -0.17 0.00	51.80 0.08 0.00	47.33 0.12 0.00	49.70 0.18 0.00	36.12 0.15 0.00	34.11 0.18 0.00	31.89 0.29 0.00
REPUBLIC_115KV_BARTNBRK 55605	39.10 2.79 0.00	39.99 2.97 0.00	37.55 2.79 0.00	40.08 2.91 0.00	41.65 3.00 0.00	49.95 3.94 0.00	91.33 9.07 0.00	118.90 10.93 0.00	62.26 4.36 0.00	34.64 1.98 0.00	35.79 1.68 0.00	36.15 1.44 0.00	42.12 1.71 0.00	49.45 1.97 0.00	37.51 1.49 0.00	36.68 1.95 0.00	44.24 3.17 0.00	46.29 3.92 0.00	57.35 5.64 0.00	52.21 5.01 0.00	54.85 5.33 0.00	39.51 3.54 0.00	37.26 3.32 0.00	34.46 2.86 0.00
REVERE_CPFR_DRP 24186	37.17 0.86 0.00	37.83 0.81 0.00	35.51 0.75 0.00	38.13 0.96 0.00	39.77 1.11 0.00	47.57 1.57 0.00	85.64 3.39 0.00	112.50 4.54 0.00	59.98 2.08 0.00	33.55 0.89 0.00	34.97 0.86 0.00	35.54 0.84 0.00	41.44 1.03 0.00	48.79 1.32 0.00	37.21 1.19 0.00	35.92 1.19 0.00	42.61 1.55 0.00	44.09 1.72 0.00	53.81 2.09 0.00	49.08 1.88 0.00	51.41 1.89 0.00	37.23 1.25 0.00	35.06 1.12 0.00	32.53 0.93 0.00
REYNOLDS_115KV_TB3 80639	37.51 1.20 0.00	38.13 1.11 0.00	35.83 1.07 0.00	38.24 1.07 0.00	39.78 1.13 0.00	47.24 1.24 0.00	84.42 2.16 0.00	110.79 2.82 0.00	59.11 1.21 0.00	33.15 0.49 0.00	34.39 0.28 0.00	34.95 0.24 0.00	40.56 0.16 0.00	47.56 0.09 0.00	35.96 -0.06 0.00	34.56 -0.17 0.00	40.89 -0.17 0.00	42.43 0.05 0.00	52.09 0.38 0.00	47.60 0.39 0.00	50.01 0.49 0.00	36.35 0.38 0.00	34.32 0.39 0.00	32.03 0.43 0.00
RIVERBAY____ 323610	37.73 1.42 0.00	38.45 1.43 0.00	35.97 1.21 0.00	38.54 1.38 0.00	40.13 1.47 0.00	47.56 1.55 0.00	85.34 3.08 0.00	113.16 5.20 0.00	60.55 2.65 -0.01	33.99 1.33 0.00	35.23 1.12 0.00	35.77 1.07 0.01	41.59 1.19 0.01	49.00 1.53 0.00	37.25 1.23 0.00	35.74 1.01 0.01	42.32 1.26 0.00	43.92 1.54 0.00	53.89 2.19 0.01	49.39 2.18 0.00	51.81 2.29 -0.01	37.55 1.56 -0.01	35.29 1.35 0.00	32.71 1.11 -0.01
RIVERSDE_115KV_TB3 55908	37.60 1.29 0.00	38.22 1.20 0.00	35.92 1.16 0.00	38.32 1.15 0.00	39.88 1.22 0.00	47.39 1.38 0.00	84.70 2.45 0.00	111.15 3.18 0.00	59.31 1.41 0.00	33.26 0.59 0.00	34.50 0.39 0.00	35.06 0.36 0.00	40.69 0.28 0.00	47.65 0.18 0.00	35.95 -0.07 0.00	34.53 -0.20 0.00	40.84 -0.22 0.00	42.38 0.00 0.00	51.99 0.28 0.00	47.51 0.30 0.00	49.89 0.37 0.00	36.26 0.28 0.00	34.24 0.30 0.00	31.99 0.39 0.00
ROARING___BROOK_WT_PWR 323790	35.61 -0.71 0.00	36.35 -0.66 0.00	34.03 -0.73 0.00	36.83 -0.33 0.00	38.41 -0.25 0.00	45.67 -0.33 0.00	82.14 -0.11 0.00	107.92 -0.05 0.00	57.95 0.05 0.00	32.71 0.05 0.00	34.15 0.04 0.00	34.71 0.01 0.00	40.42 0.02 0.00	47.47 0.00 0.00	36.05 0.03 0.00	34.81 0.07 0.00	41.21 0.14 0.00	42.55 0.17 0.00	51.87 0.16 0.00	47.29 0.08 0.00	49.60 0.09 0.00	36.06 0.08 0.00	33.99 0.06 0.00	31.62 0.02 0.00

ROCHESRG_115KV_T4 355643	35.47 -0.84 0.00	36.27 -0.75 0.00	34.00 -0.76 0.00	36.36 -0.81 0.00	37.74 -0.91 0.00	45.07 -0.94 0.00	79.65 -2.61 0.00	103.92 -4.05 0.00	56.09 -1.81 0.00	31.94 -0.72 0.00	33.71 -0.40 0.00	34.52 -0.19 0.00	40.18 -0.23 0.00	46.91 -0.56 0.00	35.43 -0.59 0.00	34.28 -0.45 0.00	40.10 -0.96 0.00	40.99 -1.39 0.00	49.76 -1.95 0.00	45.43 -1.78 0.00	47.56 -1.96 0.00	34.51 -1.46 0.00	32.81 -1.13 0.00	30.63 -0.97 0.00
ROCHESTER_9_IC 23652	35.66 -0.66 0.00	36.45 -0.57 0.00	34.17 -0.59 0.00	36.54 -0.63 0.00	37.93 -0.73 0.00	45.31 -0.70 0.00	80.12 -2.13 0.00	104.55 -3.42 0.00	56.43 -1.47 0.00	32.14 -0.52 0.00	33.93 -0.18 0.00	34.74 0.04 0.00	40.43 0.02 0.00	47.18 -0.29 0.00	35.64 -0.38 0.00	34.49 -0.24 0.00	40.35 -0.71 0.00	41.24 -1.14 0.00	50.07 -1.64 0.00	45.71 -1.50 0.00	47.84 -1.68 0.00	34.72 -1.26 0.00	32.99 -0.94 0.00	30.78 -0.81 0.00
ROCKVIEW_13_KV_LD 356306	37.83 1.52 0.00	38.51 1.49 0.00	36.16 1.40 0.00	38.64 1.47 0.00	40.21 1.55 0.00	47.76 1.75 0.00	85.73 3.47 0.00	113.11 5.14 0.00	60.51 2.61 0.00	34.01 1.35 0.00	35.26 1.15 0.00	35.78 1.08 0.00	41.62 1.22 0.00	49.07 1.60 0.00	37.29 1.27 0.00	35.77 1.03 0.00	42.36 1.30 0.00	43.99 1.62 0.00	53.99 2.28 0.00	49.46 2.26 0.00	51.86 2.34 0.00	37.56 1.59 0.00	35.31 1.37 0.00	32.75 1.15 0.00
ROME____115KV_TB2 80656	37.17 0.86 0.00	37.83 0.81 0.00	35.51 0.75 0.00	38.13 0.96 0.00	39.77 1.11 0.00	47.57 1.57 0.00	85.64 3.39 0.00	112.50 4.54 0.00	59.98 2.08 0.00	33.55 0.89 0.00	34.97 0.86 0.00	35.54 0.84 0.00	41.44 1.03 0.00	48.79 1.32 0.00	37.21 1.19 0.00	35.92 1.19 0.00	42.61 1.55 0.00	44.09 1.72 0.00	53.81 2.09 0.00	49.08 1.88 0.00	51.41 1.89 0.00	37.23 1.25 0.00	35.06 1.12 0.00	32.53 0.93 0.00
ROSETON___1 23587	37.33 1.02 0.00	38.03 1.01 0.00	35.73 0.97 0.00	38.18 1.01 0.00	39.71 1.06 0.00	47.15 1.15 0.00	84.52 2.27 0.00	111.38 3.41 0.00	59.55 1.64 0.00	33.46 0.79 0.00	34.70 0.59 0.00	35.22 0.52 0.00	40.99 0.59 0.00	48.30 0.83 0.00	36.69 0.67 0.00	35.25 0.52 0.00	41.75 0.68 0.00	43.35 0.97 0.00	53.20 1.48 0.00	48.71 1.50 0.00	51.09 1.57 0.00	37.04 1.07 0.00	34.84 0.91 0.00	32.35 0.75 0.00
ROSETON___2 23588	37.33 1.02 0.00	38.03 1.01 0.00	35.73 0.97 0.00	38.18 1.01 0.00	39.71 1.06 0.00	47.15 1.15 0.00	84.52 2.27 0.00	111.38 3.41 0.00	59.55 1.64 0.00	33.46 0.79 0.00	34.70 0.59 0.00	35.22 0.52 0.00	40.99 0.59 0.00	48.30 0.83 0.00	36.69 0.67 0.00	35.25 0.52 0.00	41.75 0.68 0.00	43.35 0.97 0.00	53.20 1.48 0.00	48.71 1.50 0.00	51.09 1.57 0.00	37.04 1.07 0.00	34.84 0.91 0.00	32.35 0.75 0.00
ROTRRDAM_115KV_TB3 80664	37.27 0.96 0.00	37.94 0.93 0.00	35.64 0.88 0.00	38.06 0.89 0.00	39.60 0.94 0.00	47.12 1.11 0.00	84.34 2.09 0.00	110.72 2.75 0.00	59.04 1.14 0.00	33.09 0.43 0.00	34.36 0.25 0.00	34.89 0.18 0.00	40.61 0.20 0.00	47.83 0.36 0.00	36.32 0.30 0.00	35.09 0.36 0.00	41.65 0.59 0.00	43.12 0.75 0.00	52.90 1.19 0.00	48.32 1.12 0.00	50.71 1.19 0.00	36.84 0.86 0.00	34.71 0.77 0.00	32.25 0.65 0.00
RUSSELL___1 23602	35.82 -0.50 0.00	36.60 -0.42 0.00	34.31 -0.45 0.00	36.69 -0.48 0.00	38.09 -0.57 0.00	45.52 -0.49 0.00	80.49 -1.76 0.00	105.09 -2.88 0.00	56.73 -1.17 0.00	32.31 -0.35 0.00	34.10 -0.01 0.00	34.93 0.23 0.00	40.64 0.23 0.00	47.43 -0.05 0.00	35.82 -0.20 0.00	34.67 -0.06 0.00	40.58 -0.49 0.00	41.46 -0.91 0.00	50.34 -1.37 0.00	45.99 -1.22 0.00	48.12 -1.40 0.00	34.90 -1.07 0.00	33.16 -0.77 0.00	30.94 -0.66 0.00
RUSSELL___2 23532	35.82 -0.50 0.00	36.60 -0.42 0.00	34.31 -0.45 0.00	36.69 -0.48 0.00	38.09 -0.57 0.00	45.52 -0.49 0.00	80.49 -1.76 0.00	105.09 -2.88 0.00	56.73 -1.17 0.00	32.31 -0.35 0.00	34.10 -0.01 0.00	34.93 0.23 0.00	40.64 0.23 0.00	47.43 -0.05 0.00	35.82 -0.20 0.00	34.67 -0.06 0.00	40.58 -0.49 0.00	41.46 -0.91 0.00	50.34 -1.37 0.00	45.99 -1.22 0.00	48.12 -1.40 0.00	34.90 -1.07 0.00	33.16 -0.77 0.00	30.94 -0.66 0.00
RUSSELL___3 23549	35.82 -0.50 0.00	36.60 -0.42 0.00	34.31 -0.45 0.00	36.69 -0.48 0.00	38.09 -0.57 0.00	45.52 -0.49 0.00	80.49 -1.76 0.00	105.09 -2.88 0.00	56.73 -1.17 0.00	32.31 -0.35 0.00	34.10 -0.01 0.00	34.93 0.23 0.00	40.64 0.23 0.00	47.43 -0.05 0.00	35.82 -0.20 0.00	34.67 -0.06 0.00	40.58 -0.49 0.00	41.46 -0.91 0.00	50.34 -1.37 0.00	45.99 -1.22 0.00	48.12 -1.40 0.00	34.90 -1.07 0.00	33.16 -0.77 0.00	30.94 -0.66 0.00
RUSSELL___4 23556	35.82 -0.50 0.00	36.60 -0.42 0.00	34.31 -0.45 0.00	36.69 -0.48 0.00	38.09 -0.57 0.00	45.52 -0.49 0.00	80.49 -1.76 0.00	105.09 -2.88 0.00	56.73 -1.17 0.00	32.31 -0.35 0.00	34.10 -0.01 0.00	34.93 0.23 0.00	40.64 0.23 0.00	47.43 -0.05 0.00	35.82 -0.20 0.00	34.67 -0.06 0.00	40.58 -0.49 0.00	41.46 -0.91 0.00	50.34 -1.37 0.00	45.99 -1.22 0.00	48.12 -1.40 0.00	34.90 -1.07 0.00	33.16 -0.77 0.00	30.94 -0.66 0.00
RUSSELL___STATION 23914	35.82 -0.50 0.00	36.60 -0.42 0.00	34.31 -0.45 0.00	36.69 -0.48 0.00	38.09 -0.57 0.00	45.52 -0.49 0.00	80.49 -1.76 0.00	105.09 -2.88 0.00	56.73 -1.17 0.00	32.31 -0.35 0.00	34.10 -0.01 0.00	34.93 0.23 0.00	40.64 0.23 0.00	47.43 -0.05 0.00	35.82 -0.20 0.00	34.67 -0.06 0.00	40.58 -0.49 0.00	41.46 -0.91 0.00	50.34 -1.37 0.00	45.99 -1.22 0.00	48.12 -1.40 0.00	34.90 -1.07 0.00	33.16 -0.77 0.00	30.94 -0.66 0.00
S SALMON___HYD 24043	35.37 -0.94 0.00	36.02 -1.00 0.00	33.85 -0.91 0.00	36.50 -0.67 0.00	38.11 -0.55 0.00	45.60 -0.41 0.00	81.93 -0.32 0.00	107.58 -0.39 0.00	57.46 -0.44 0.00	32.34 -0.33 0.00	33.75 -0.36 0.00	34.20 -0.50 0.00	39.80 -0.61 0.00	47.04 -0.43 0.00	35.94 -0.08 0.00	34.68 -0.06 0.00	40.95 -0.12 0.00	42.18 -0.19 0.00	51.48 -0.23 0.00	46.94 -0.26 0.00	49.18 -0.34 0.00	35.62 -0.35 0.00	33.59 -0.35 0.00	31.26 -0.34 0.00
S.PERRY___115KV_TB1 80734	35.76 -0.55 0.00	36.67 -0.35 0.00	34.57 -0.18 0.00	37.29 0.12 0.00	38.97 0.32 0.00	46.72 0.71 0.00	83.11 0.86 0.00	108.73 0.76 0.00	58.21 0.31 0.00	33.14 0.48 0.00	34.98 0.87 0.00	35.61 0.91 0.00	41.08 0.67 0.00	47.63 0.16 0.00	36.00 -0.02 0.00	34.86 0.13 0.00	41.16 0.10 0.00	42.02 -0.36 0.00	51.18 -0.54 0.00	46.49 -0.72 0.00	48.49 -1.03 0.00	35.08 -0.90 0.00	33.13 -0.81 0.00	30.86 -0.74 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.86 -1.45 0.00	35.80 -1.22 0.00	33.55 -1.21 0.00	35.90 -1.27 0.00	37.20 -1.46 0.00	44.45 -1.55 0.00	77.65 -4.60 0.00	100.72 -7.25 0.00	54.68 -3.22 0.00	31.40 -1.26 0.00	33.25 -0.86 0.00	34.13 -0.58 0.00	39.76 -0.64 0.00	46.32 -1.16 0.00	34.84 -1.18 0.00	33.71 -1.02 0.00	39.17 -1.89 0.00	39.82 -2.55 0.00	48.14 -3.57 0.00	43.94 -3.27 0.00	45.90 -3.62 0.00	33.37 -2.61 0.00	31.96 -1.98 0.00	29.92 -1.68 0.00

SAWYER___23_KV_LOAD 55526	34.86 -1.45 0.00	35.80 -1.22 0.00	33.55 -1.21 0.00	35.90 -1.27 0.00	37.20 -1.46 0.00	44.45 -1.55 0.00	77.65 -4.60 0.00	100.72 -7.25 0.00	54.68 -3.22 0.00	31.40 -1.26 0.00	33.25 -0.86 0.00	34.13 -0.58 0.00	39.76 -0.64 0.00	46.32 -1.16 0.00	34.84 -1.18 0.00	33.71 -1.02 0.00	39.17 -1.89 0.00	39.82 -2.55 0.00	48.14 -3.57 0.00	43.94 -3.27 0.00	45.90 -3.62 0.00	33.37 -2.61 0.00	31.96 -1.98 0.00	29.92 -1.68 0.00
SELKIRK___I 23801	37.52 1.21 0.00	38.16 1.14 0.00	35.86 1.11 0.00	38.32 1.15 0.00	39.86 1.20 0.00	47.38 1.38 0.00	84.66 2.41 0.00	110.97 3.01 0.00	59.10 1.20 0.00	33.09 0.42 0.00	34.30 0.19 0.00	34.92 0.21 0.00	40.53 0.12 0.00	47.66 0.19 0.00	35.90 -0.12 0.00	34.61 -0.12 0.00	41.01 -0.05 0.00	42.58 0.21 0.00	52.25 0.53 0.00	47.73 0.52 0.00	50.12 0.60 0.00	36.43 0.46 0.00	34.38 0.44 0.00	32.08 0.48 0.00
SELKIRK___II 23799	37.35 1.04 0.00	37.98 0.97 0.00	35.69 0.94 0.00	38.12 0.95 0.00	39.66 1.00 0.00	47.13 1.12 0.00	84.23 1.98 0.00	110.59 2.62 0.00	59.06 1.16 0.00	33.15 0.48 0.00	34.41 0.30 0.00	34.98 0.27 0.00	40.62 0.21 0.00	47.64 0.17 0.00	35.98 -0.04 0.00	34.59 -0.15 0.00	40.91 -0.15 0.00	42.43 0.05 0.00	52.04 0.33 0.00	47.54 0.34 0.00	49.93 0.41 0.00	36.29 0.31 0.00	34.24 0.30 0.00	31.95 0.35 0.00
SENECA OSWGO___HYD 24041	35.54 -0.77 0.00	36.24 -0.78 0.00	34.09 -0.67 0.00	36.45 -0.72 0.00	37.88 -0.77 0.00	45.18 -0.83 0.00	80.72 -1.54 0.00	105.86 -2.11 0.00	56.65 -1.26 0.00	32.00 -0.67 0.00	33.58 -0.53 0.00	34.24 -0.46 0.00	39.91 -0.50 0.00	46.84 -0.63 0.00	35.53 -0.49 0.00	34.27 -0.46 0.00	40.38 -0.68 0.00	41.50 -0.87 0.00	50.64 -1.07 0.00	46.24 -0.97 0.00	48.46 -1.06 0.00	35.14 -0.83 0.00	33.18 -0.76 0.00	30.93 -0.67 0.00
SENECA___115KV_TB3 355854	35.14 -1.17 0.00	36.14 -0.88 0.00	33.90 -0.86 0.00	36.30 -0.87 0.00	37.62 -1.03 0.00	44.99 -1.02 0.00	78.72 -3.54 0.00	102.28 -5.69 0.00	55.45 -2.45 0.00	31.83 -0.83 0.00	33.72 -0.39 0.00	34.60 -0.10 0.00	40.30 -0.11 0.00	46.92 -0.55 0.00	35.28 -0.75 0.00	34.11 -0.62 0.00	39.63 -1.43 0.00	40.33 -2.05 0.00	48.75 -2.96 0.00	44.48 -2.73 0.00	46.44 -3.08 0.00	33.70 -2.28 0.00	32.26 -1.68 0.00	30.17 -1.43 0.00
SENECA___ENERGY 23797	35.74 -0.57 0.00	36.50 -0.52 0.00	34.35 -0.41 0.00	36.80 -0.37 0.00	38.28 -0.38 0.00	45.68 -0.32 0.00	81.45 -0.81 0.00	106.95 -1.02 0.00	57.20 -0.70 0.00	32.35 -0.32 0.00	34.08 -0.03 0.00	34.82 0.12 0.00	40.54 0.14 0.00	47.48 0.00 0.00	35.86 -0.16 0.00	34.59 -0.15 0.00	40.71 -0.36 0.00	41.79 -0.59 0.00	50.91 -0.80 0.00	46.42 -0.79 0.00	48.53 -0.98 0.00	35.17 -0.81 0.00	33.16 -0.78 0.00	30.91 -0.69 0.00
SHOEMAKER___GT 23640	37.22 0.91 0.00	37.90 0.89 0.00	35.62 0.86 0.00	38.07 0.89 0.00	39.60 0.94 0.00	47.02 1.01 0.00	84.24 1.99 0.00	110.84 2.87 0.00	59.24 1.34 0.00	33.24 0.58 0.00	34.47 0.36 0.00	34.99 0.28 0.00	40.84 0.43 0.00	48.08 0.61 0.00	36.52 0.50 0.00	35.17 0.43 0.00	41.66 0.60 0.00	43.22 0.84 0.00	53.00 1.29 0.00	48.52 1.32 0.00	50.89 1.37 0.00	36.91 0.93 0.00	34.72 0.78 0.00	32.23 0.63 0.00
SHOEMAKR_138KV_BK 111 55601	37.20 0.89 0.00	37.88 0.86 0.00	35.61 0.85 0.00	38.04 0.87 0.00	39.58 0.92 0.00	47.00 0.99 0.00	84.20 1.94 0.00	110.83 2.86 0.00	59.24 1.34 0.00	33.25 0.58 0.00	34.49 0.38 0.00	35.02 0.32 0.00	40.85 0.44 0.00	48.10 0.62 0.00	36.54 0.51 0.00	35.16 0.43 0.00	41.65 0.59 0.00	43.20 0.82 0.00	52.98 1.27 0.00	48.50 1.30 0.00	50.88 1.35 0.00	36.89 0.91 0.00	34.70 0.76 0.00	32.21 0.61 0.00
SHOREHAM_IC_1 23715	37.17 0.86 0.00	37.93 0.91 0.00	35.62 0.86 0.00	37.99 0.83 0.00	39.51 0.85 0.00	47.39 1.38 0.00	97.20 2.96 -11.99	118.64 3.97 -6.69	72.27 2.20 -12.17	66.54 1.02 -32.86	34.59 0.48 0.00	34.86 0.16 0.00	40.47 0.06 0.00	109.53 0.71 -61.35	50.16 0.75 -13.39	34.78 0.05 0.00	41.55 0.49 0.00	43.29 0.92 0.00	53.67 1.96 0.00	49.47 2.27 0.00	51.74 2.22 0.00	37.24 1.27 0.00	36.08 1.13 -1.02	32.23 0.62 0.00
SHOREHAM_IC_2 23716	37.17 0.86 0.00	37.93 0.91 0.00	35.62 0.86 0.00	37.99 0.83 0.00	39.51 0.85 0.00	47.39 1.38 0.00	97.20 2.96 -11.99	118.64 3.97 -6.69	72.27 2.20 -12.17	66.54 1.02 -32.86	34.59 0.48 0.00	34.86 0.16 0.00	40.47 0.06 0.00	109.53 0.71 -61.35	50.16 0.75 -13.39	34.78 0.05 0.00	41.55 0.49 0.00	43.29 0.92 0.00	53.67 1.96 0.00	49.47 2.27 0.00	51.74 2.22 0.00	37.24 1.27 0.00	36.08 1.13 -1.02	32.23 0.62 0.00
SISSONVILLE____ 23735	35.61 -0.70 0.00	36.35 -0.67 0.00	35.42 -0.85 -1.51	44.13 -0.65 -7.61	47.82 -0.47 -9.63	53.04 -0.59 -7.62	81.80 -0.45 0.00	107.27 -0.70 0.00	57.67 -0.23 0.00	32.57 -0.09 0.00	33.77 -0.34 0.00	34.22 -0.49 0.00	39.83 -0.58 0.00	46.82 -0.65 0.00	35.77 -0.25 0.00	34.83 0.09 0.00	41.46 0.40 0.00	42.83 0.45 0.00	51.92 0.21 0.00	47.29 0.08 0.00	49.64 0.12 0.00	36.13 0.16 0.00	34.02 0.08 0.00	31.64 0.03 0.00
SITHE_IND_GS1 24169	35.24 -1.07 0.00	35.94 -1.08 0.00	33.81 -0.95 0.00	36.12 -1.05 0.00	37.53 -1.13 0.00	44.69 -1.32 0.00	79.80 -2.45 0.00	104.68 -3.29 0.00	56.09 -1.81 0.00	31.73 -0.93 0.00	33.34 -0.77 0.00	34.00 -0.71 0.00	39.59 -0.82 0.00	46.46 -1.02 0.00	35.24 -0.78 0.00	33.98 -0.75 0.00	40.00 -1.06 0.00	41.08 -1.29 0.00	50.10 -1.61 0.00	45.75 -1.46 0.00	47.95 -1.57 0.00	34.81 -1.16 0.00	32.90 -1.04 0.00	30.69 -0.91 0.00
SITHE_IND_GS2 24170	35.24 -1.07 0.00	35.94 -1.08 0.00	33.81 -0.95 0.00	36.12 -1.05 0.00	37.53 -1.13 0.00	44.69 -1.32 0.00	79.80 -2.45 0.00	104.68 -3.29 0.00	56.09 -1.81 0.00	31.73 -0.93 0.00	33.34 -0.77 0.00	34.00 -0.71 0.00	39.59 -0.82 0.00	46.46 -1.02 0.00	35.24 -0.78 0.00	33.98 -0.75 0.00	40.00 -1.06 0.00	41.08 -1.29 0.00	50.10 -1.61 0.00	45.75 -1.46 0.00	47.95 -1.57 0.00	34.81 -1.16 0.00	32.90 -1.04 0.00	30.69 -0.91 0.00
SITHE_IND_GS3 24171	35.24 -1.07 0.00	35.94 -1.08 0.00	33.81 -0.95 0.00	36.12 -1.05 0.00	37.53 -1.13 0.00	44.69 -1.32 0.00	79.80 -2.45 0.00	104.68 -3.29 0.00	56.09 -1.81 0.00	31.73 -0.93 0.00	33.34 -0.77 0.00	34.00 -0.71 0.00	39.59 -0.82 0.00	46.46 -1.02 0.00	35.24 -0.78 0.00	33.98 -0.75 0.00	40.00 -1.06 0.00	41.08 -1.29 0.00	50.10 -1.61 0.00	45.75 -1.46 0.00	47.95 -1.57 0.00	34.81 -1.16 0.00	32.90 -1.04 0.00	30.69 -0.91 0.00
SITHE_IND_GS4 24172	35.24 -1.07 0.00	35.94 -1.08 0.00	33.81 -0.95 0.00	36.12 -1.05 0.00	37.53 -1.13 0.00	44.69 -1.32 0.00	79.80 -2.45 0.00	104.68 -3.29 0.00	56.09 -1.81 0.00	31.73 -0.93 0.00	33.34 -0.77 0.00	34.00 -0.71 0.00	39.59 -0.82 0.00	46.46 -1.02 0.00	35.24 -0.78 0.00	33.98 -0.75 0.00	40.00 -1.06 0.00	41.08 -1.29 0.00	50.10 -1.61 0.00	45.75 -1.46 0.00	47.95 -1.57 0.00	34.81 -1.16 0.00	32.90 -1.04 0.00	30.69 -0.91 0.00

SITHE___BATAVIA 24024	35.90 -0.41 0.00	36.77 -0.25 0.00	34.45 -0.31 0.00	36.87 -0.30 0.00	38.29 -0.36 0.00	45.83 -0.17 0.00	80.53 -1.72 0.00	104.73 -3.24 0.00	56.61 -1.29 0.00	32.36 -0.31 0.00	34.32 0.21 0.00	35.16 0.46 0.00	40.66 0.25 0.00	47.18 -0.29 0.00	35.66 -0.36 0.00	34.73 0.00 0.00	40.45 -0.62 0.00	41.22 -1.16 0.00	49.95 -1.76 0.00	45.62 -1.59 0.00	47.72 -1.80 0.00	34.61 -1.36 0.00	33.03 -0.90 0.00	30.89 -0.71 0.00
SITHE___INDEPEND 23800	35.24 -1.07 0.00	35.94 -1.08 0.00	33.81 -0.95 0.00	36.12 -1.05 0.00	37.53 -1.13 0.00	44.69 -1.32 0.00	79.80 -2.45 0.00	104.68 -3.29 0.00	56.09 -1.81 0.00	31.73 -0.93 0.00	33.34 -0.77 0.00	34.00 -0.71 0.00	39.59 -0.82 0.00	46.46 -1.01 0.00	35.24 -0.78 0.00	33.98 -0.75 0.00	40.00 -1.06 0.00	41.08 -1.29 0.00	50.10 -1.61 0.00	45.75 -1.46 0.00	47.95 -1.57 0.00	34.81 -1.16 0.00	32.89 -1.04 0.00	30.69 -0.91 0.00
SITHE___MASSENA 23902	36.48 0.17 0.00	37.25 0.23 0.00	35.19 0.08 -0.35	39.10 0.17 -1.75	41.12 0.24 -2.22	48.07 0.31 -1.76	82.94 0.69 0.00	108.70 0.74 0.00	58.58 0.67 0.00	33.15 0.49 0.00	34.53 0.42 0.00	35.07 0.37 0.00	40.88 0.47 0.00	48.02 0.55 0.00	36.53 0.51 0.00	35.38 0.65 0.00	42.01 0.95 0.00	43.31 0.93 0.00	52.52 0.81 0.00	47.84 0.63 0.00	50.21 0.70 0.00	36.57 0.59 0.00	34.48 0.55 0.00	32.11 0.51 0.00
SITHE___OGDNSBRG 24021	36.86 0.55 0.00	37.64 0.63 0.00	36.22 0.40 -1.06	43.07 0.57 -5.33	46.12 0.71 -6.76	52.28 0.93 -5.34	84.33 2.08 0.00	110.43 2.46 0.00	59.30 1.40 0.00	33.41 0.75 0.00	34.50 0.39 0.00	34.98 0.27 0.00	40.75 0.34 0.00	47.81 0.34 0.00	36.55 0.53 0.00	35.79 1.06 0.00	42.59 1.53 0.00	43.99 1.61 0.00	53.33 1.61 0.00	48.59 1.39 0.00	51.01 1.50 0.00	37.14 1.17 0.00	34.98 1.04 0.00	32.54 0.94 0.00
SITHE___STERLING 23777	36.90 0.58 0.00	37.57 0.56 0.00	35.30 0.54 0.00	37.81 0.64 0.00	39.38 0.72 0.00	47.09 1.09 0.00	84.61 2.36 0.00	111.15 3.18 0.00	59.29 1.39 0.00	33.19 0.53 0.00	34.67 0.56 0.00	35.28 0.58 0.00	41.12 0.71 0.00	48.38 0.90 0.00	36.77 0.75 0.00	35.52 0.79 0.00	42.09 1.03 0.00	43.49 1.12 0.00	53.10 1.39 0.00	48.45 1.25 0.00	50.74 1.23 0.00	36.75 0.78 0.00	34.62 0.69 0.00	32.16 0.56 0.00
SLEIGHT__34_KV_TB1 80719	35.64 -0.67 0.00	36.41 -0.60 0.00	34.17 -0.59 0.00	36.56 -0.61 0.00	38.01 -0.65 0.00	45.36 -0.64 0.00	80.65 -1.61 0.00	105.62 -2.35 0.00	56.69 -1.21 0.00	32.12 -0.55 0.00	33.81 -0.30 0.00	34.63 -0.08 0.00	40.35 -0.06 0.00	47.20 -0.28 0.00	35.63 -0.39 0.00	34.48 -0.25 0.00	40.45 -0.61 0.00	41.49 -0.89 0.00	50.48 -1.23 0.00	46.08 -1.12 0.00	48.20 -1.32 0.00	34.94 -1.04 0.00	33.07 -0.87 0.00	30.81 -0.79 0.00
SOUTH CAIRO___GT 23612	38.87 2.56 0.00	39.49 2.47 0.00	37.08 2.32 0.00	39.61 2.44 0.00	41.22 2.56 0.00	49.12 3.11 0.00	88.18 5.93 0.00	115.71 7.74 0.00	61.28 3.38 0.00	34.02 1.35 0.00	34.92 0.81 0.00	35.58 0.87 0.00	41.12 0.71 0.00	48.67 1.19 0.00	36.30 0.27 0.00	35.24 0.51 0.00	41.77 0.71 0.00	43.70 1.32 0.00	54.04 2.32 0.00	49.39 2.18 0.00	51.78 2.26 0.00	37.59 1.61 0.00	35.40 1.47 0.00	33.00 1.40 0.00
SOUTH HAMPTN___IC 23720	37.63 1.32 0.00	38.41 1.39 0.00	36.06 1.30 0.00	38.48 1.31 0.00	40.02 1.36 0.00	47.98 1.97 0.00	98.27 4.03 -11.99	120.15 5.48 -6.69	73.06 2.99 -12.17	66.63 1.12 -32.86	34.61 0.49 0.00	34.86 0.16 0.00	40.48 0.07 0.00	109.52 0.70 -61.35	50.30 -0.89 -13.39	34.90 0.17 0.00	41.66 0.60 0.00	43.54 1.17 0.00	53.84 2.13 0.00	49.56 2.35 0.00	51.76 2.24 0.00	37.26 1.29 0.00	36.07 1.14 -1.00	32.24 0.64 0.00
SOUTHDOW_115KV_TB1 355954	35.47 -0.84 0.00	36.97 -0.05 0.00	34.93 0.17 0.00	37.46 0.29 0.00	38.99 0.33 0.00	46.67 0.66 0.00	82.52 0.27 0.00	108.16 0.19 0.00	58.06 0.16 0.00	33.14 0.48 0.00	34.92 0.81 0.00	35.78 1.08 0.00	41.67 1.26 0.00	48.60 1.13 0.00	36.17 0.15 0.00	34.74 0.01 0.00	40.49 -0.57 0.00	41.34 -1.04 0.00	50.07 -1.65 0.00	45.05 -2.15 0.00	46.62 -2.90 0.00	33.94 -2.04 0.00	32.29 -1.65 0.00	29.86 -1.74 0.00
SOUTHOLD_69_KV_BK 2 55809	38.19 1.87 0.00	38.96 1.94 0.00	36.58 1.82 0.00	39.06 1.89 0.00	40.62 1.96 0.00	48.73 2.72 0.00	99.65 5.41 -11.99	122.02 7.36 -6.69	74.01 3.93 -12.17	66.54 1.02 -32.86	34.27 0.16 0.00	34.49 -0.22 0.00	40.07 -0.34 0.00	108.97 0.15 -61.35	50.16 0.75 -13.39	34.69 -0.04 0.00	41.42 0.36 0.00	43.45 1.08 0.00	53.56 1.85 0.00	49.29 2.08 0.00	51.38 1.86 0.00	36.98 1.00 0.00	35.77 0.84 -1.00	31.97 0.36 0.00
SOUTHOLD___IC 23719	38.19 1.87 0.00	38.96 1.94 0.00	36.58 1.82 0.00	39.06 1.89 0.00	40.62 1.96 0.00	48.74 2.73 0.00	99.65 5.41 -11.99	122.03 7.37 -6.69	74.01 3.94 -12.17	66.54 1.02 -32.86	34.27 0.16 0.00	34.48 -0.22 0.00	40.07 -0.34 0.00	108.97 0.15 -61.35	50.16 0.75 -13.39	34.69 -0.04 0.00	41.42 0.36 0.00	43.45 1.08 0.00	53.56 1.84 0.00	49.29 2.08 0.00	51.37 1.85 0.00	36.98 1.00 0.00	35.78 0.85 -1.00	31.96 0.36 0.00
SOUTH_FORK_WT_PWR 323839	38.25 1.94 0.00	39.03 2.00 0.00	36.64 1.88 0.00	39.12 1.95 0.00	40.69 2.03 0.00	48.83 2.82 0.00	99.80 5.56 -11.99	122.19 7.53 -6.69	74.10 4.03 -12.17	66.15 0.62 -32.86	33.70 -0.42 0.00	33.90 -0.81 0.00	39.41 -1.00 0.00	108.21 -0.62 -61.35	49.75 0.34 -13.39	34.27 -0.47 0.00	40.88 -0.18 0.00	43.01 0.64 0.00	52.87 1.15 0.00	48.65 1.44 0.00	50.61 1.09 0.00	36.42 0.45 0.00	35.25 0.32 -1.00	31.48 -0.12 0.00
SPIERFLS_115KV_TB 1 80737	38.30 1.98 0.00	39.01 1.99 0.00	36.62 1.86 0.00	39.09 1.92 0.00	40.67 2.01 0.00	48.54 2.53 0.00	87.49 5.23 0.00	114.63 6.66 0.00	60.70 2.80 0.00	33.90 1.23 0.00	35.20 1.09 0.00	35.57 0.87 0.00	41.28 0.87 0.00	48.66 1.19 0.00	36.89 0.86 0.00	35.86 1.12 0.00	42.78 1.72 0.00	44.44 2.06 0.00	54.65 2.94 0.00	49.91 2.70 0.00	52.36 2.84 0.00	37.95 1.98 0.00	35.79 1.86 0.00	33.19 1.60 0.00
ST LAWRENCE____ 23600	36.22 -0.09 0.00	36.99 -0.03 0.00	34.62 -0.14 0.00	37.05 -0.12 0.00	38.56 -0.09 0.00	45.92 -0.09 0.00	82.16 -0.10 0.00	107.72 -0.25 0.00	58.09 0.19 0.00	32.90 0.23 0.00	34.31 0.20 0.00	34.87 0.17 0.00	40.64 0.23 0.00	47.73 0.25 0.00	36.28 0.26 0.00	35.06 0.33 0.00	41.61 0.54 0.00	42.89 0.51 0.00	52.05 0.34 0.00	47.42 0.21 0.00	49.77 0.25 0.00	36.23 0.26 0.00	34.18 0.24 0.00	31.84 0.24 0.00
STATE_CA_115KV_115_LB 55624	37.70 1.39 0.00	38.34 1.32 0.00	36.02 1.26 0.00	38.46 1.29 0.00	40.01 1.36 0.00	47.55 1.54 0.00	85.06 2.81 0.00	111.65 3.68 0.00	59.57 1.67 0.00	33.40 0.74 0.00	34.65 0.54 0.00	35.20 0.50 0.00	40.86 0.45 0.00	47.83 0.35 0.00	36.03 0.01 0.00	34.62 -0.11 0.00	40.99 -0.07 0.00	42.51 0.13 0.00	52.14 0.42 0.00	47.64 0.43 0.00	50.00 0.48 0.00	36.32 0.35 0.00	34.30 0.36 0.00	32.05 0.46 0.00

STATE_ST_34_KV_LOAD 55959	36.31 0.00 0.00	37.06 0.05 0.00	34.85 0.09 0.00	37.31 0.14 0.00	38.79 0.13 0.00	46.12 0.11 0.00	82.35 0.10 0.00	108.35 0.39 0.00	57.87 -0.03 0.00	32.55 -0.12 0.00	34.18 0.07 0.00	34.96 0.26 0.00	40.76 0.35 0.00	47.93 0.45 0.00	36.24 0.22 0.00	35.01 0.28 0.00	41.10 0.04 0.00	42.39 0.01 0.00	51.71 0.00 0.00	47.19 -0.02 0.00	49.38 -0.14 0.00	35.81 -0.16 0.00	33.78 -0.15 0.00	31.45 -0.15 0.00
STATION 5_MISC_HYD 23604	35.66 -0.66 0.00	36.45 -0.57 0.00	34.17 -0.59 0.00	36.54 -0.63 0.00	37.93 -0.73 0.00	45.31 -0.70 0.00	80.12 -2.13 0.00	104.55 -3.42 0.00	56.43 -1.47 0.00	32.14 -0.52 0.00	33.93 -0.18 0.00	34.74 0.04 0.00	40.43 0.02 0.00	47.18 -0.29 0.00	35.64 -0.38 0.00	34.50 -0.24 0.00	40.36 -0.70 0.00	41.24 -1.14 0.00	50.07 -1.64 0.00	45.71 -1.50 0.00	47.85 -1.67 0.00	34.71 -1.26 0.00	32.99 -0.94 0.00	30.79 -0.80 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.05 -0.27 0.00	36.83 -0.19 0.00	34.60 -0.15 0.00	37.04 -0.12 0.00	38.52 -0.14 0.00	46.02 0.01 0.00	81.88 -0.38 0.00	107.29 -0.68 0.00	57.59 -0.31 0.00	32.62 -0.04 0.00	34.42 0.31 0.00	35.18 0.48 0.00	40.93 0.53 0.00	47.83 0.36 0.00	36.14 0.12 0.00	34.92 0.19 0.00	41.00 -0.06 0.00	42.04 -0.34 0.00	51.13 -0.58 0.00	46.69 -0.52 0.00	48.83 -0.69 0.00	35.36 -0.61 0.00	33.34 -0.59 0.00	31.16 -0.44 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.49 -0.83 0.00	36.28 -0.75 0.00	34.01 -0.75 0.00	36.37 -0.80 0.00	37.76 -0.89 0.00	45.12 -0.89 0.00	79.84 -2.42 0.00	104.25 -3.72 0.00	56.23 -1.67 0.00	32.01 -0.65 0.00	33.78 -0.33 0.00	34.58 -0.12 0.00	40.24 -0.17 0.00	46.97 -0.50 0.00	35.50 -0.52 0.00	34.35 -0.38 0.00	40.21 -0.85 0.00	41.11 -1.27 0.00	49.91 -1.80 0.00	45.57 -1.64 0.00	47.70 -1.82 0.00	34.61 -1.37 0.00	32.86 -1.07 0.00	30.66 -0.94 0.00
STA_56___34_KV_BUS2 355883	35.49 -0.83 0.00	36.28 -0.75 0.00	34.01 -0.75 0.00	36.37 -0.80 0.00	37.76 -0.89 0.00	45.12 -0.89 0.00	79.84 -2.42 0.00	104.25 -3.72 0.00	56.23 -1.67 0.00	32.01 -0.65 0.00	33.78 -0.33 0.00	34.58 -0.12 0.00	40.24 -0.17 0.00	46.97 -0.50 0.00	35.50 -0.52 0.00	34.35 -0.38 0.00	40.21 -0.85 0.00	41.11 -1.27 0.00	49.91 -1.80 0.00	45.57 -1.64 0.00	47.70 -1.82 0.00	34.61 -1.37 0.00	32.86 -1.07 0.00	30.66 -0.94 0.00
STA_67___115KV_BK2 355882	35.58 -0.73 0.00	36.37 -0.65 0.00	34.10 -0.65 0.00	36.47 -0.70 0.00	37.86 -0.80 0.00	45.21 -0.79 0.00	79.92 -2.34 0.00	104.31 -3.66 0.00	56.30 -1.60 0.00	32.07 -0.59 0.00	33.84 -0.27 0.00	34.65 -0.05 0.00	40.33 -0.08 0.00	47.07 -0.40 0.00	35.56 -0.46 0.00	34.41 -0.32 0.00	40.26 -0.80 0.00	41.13 -1.24 0.00	49.94 -1.78 0.00	45.60 -1.60 0.00	47.72 -1.79 0.00	34.64 -1.34 0.00	32.92 -1.02 0.00	30.72 -0.88 0.00
STA_7___115KV_9TRANS 80674	35.82 -0.50 0.00	36.60 -0.42 0.00	34.31 -0.45 0.00	36.69 -0.48 0.00	38.09 -0.57 0.00	45.52 -0.49 0.00	80.49 -1.76 0.00	105.09 -2.88 0.00	56.73 -1.17 0.00	32.31 -0.35 0.00	34.10 -0.01 0.00	34.93 0.23 0.00	40.64 0.23 0.00	47.43 -0.05 0.00	35.82 -0.20 0.00	34.67 -0.06 0.00	40.58 -0.49 0.00	41.46 -0.91 0.00	50.34 -1.37 0.00	45.99 -1.22 0.00	48.12 -1.40 0.00	34.90 -1.07 0.00	33.16 -0.77 0.00	30.94 -0.66 0.00
STA_82___115KV_TB1 80780	35.59 -0.73 0.00	36.38 -0.64 0.00	34.10 -0.65 0.00	36.47 -0.70 0.00	37.87 -0.79 0.00	45.22 -0.79 0.00	79.97 -2.29 0.00	104.33 -3.64 0.00	56.30 -1.60 0.00	32.07 -0.59 0.00	33.85 -0.26 0.00	34.66 -0.05 0.00	40.33 -0.07 0.00	47.07 -0.40 0.00	35.56 -0.46 0.00	34.41 -0.32 0.00	40.26 -0.80 0.00	41.15 -1.23 0.00	49.96 -1.75 0.00	45.61 -1.60 0.00	47.73 -1.79 0.00	34.64 -1.33 0.00	32.93 -1.01 0.00	30.73 -0.87 0.00
STEEL___WIND 323596	35.06 -1.25 0.00	36.09 -0.93 0.00	33.87 -0.89 0.00	36.27 -0.90 0.00	37.59 -1.07 0.00	44.94 -1.07 0.00	78.68 -3.58 0.00	102.19 -5.78 0.00	55.38 -2.52 0.00	31.79 -0.87 0.00	33.69 -0.42 0.00	34.56 -0.14 0.00	40.23 -0.17 0.00	46.85 -0.63 0.00	35.24 -0.78 0.00	34.10 -0.64 0.00	39.59 -1.47 0.00	40.28 -2.09 0.00	48.70 -3.01 0.00	44.42 -2.78 0.00	46.40 -3.12 0.00	33.63 -2.35 0.00	32.20 -1.74 0.00	30.13 -1.47 0.00
STEPHTWN_115KV_BK_2 55603	37.82 1.51 0.00	38.43 1.41 0.00	36.18 1.42 0.00	38.61 1.44 0.00	40.13 1.47 0.00	47.78 1.77 0.00	85.69 3.43 0.00	112.29 4.32 0.00	59.82 1.92 0.00	33.47 0.81 0.00	34.74 0.63 0.00	35.26 0.56 0.00	40.98 0.57 0.00	47.99 0.52 0.00	36.11 0.09 0.00	34.76 0.03 0.00	41.22 0.16 0.00	42.79 0.41 0.00	52.48 0.77 0.00	47.97 0.76 0.00	50.41 0.89 0.00	36.57 0.60 0.00	34.53 0.60 0.00	32.22 0.62 0.00
STEUBEN_REC_LFGE 323667	33.83 -2.49 0.00	34.88 -2.14 0.00	33.23 -1.53 0.00	36.32 -0.85 0.00	38.35 -0.31 0.00	46.00 0.00 0.00	82.09 -0.16 0.00	107.49 -0.48 0.00	57.35 -0.55 0.00	32.67 0.01 0.00	34.47 0.36 0.00	35.16 0.46 0.00	40.59 0.18 0.00	47.18 -0.29 0.00	35.38 -0.64 0.00	33.99 -0.74 0.00	40.03 -1.03 0.00	40.52 -1.86 0.00	49.24 -2.47 0.00	44.46 -2.74 0.00	45.98 -3.54 0.00	33.14 -2.83 0.00	31.19 -2.75 0.00	29.16 -2.45 0.00
STILLWATER___SOLAR 323814	37.97 1.65 0.00	38.65 1.63 0.00	36.28 1.51 0.00	38.73 1.55 0.00	40.30 1.64 0.00	47.99 1.99 0.00	86.14 3.88 0.00	112.92 4.96 0.00	59.94 2.04 0.00	33.50 0.84 0.00	34.76 0.65 0.00	35.19 0.49 0.00	40.96 0.55 0.00	48.33 0.86 0.00	36.65 0.62 0.00	35.47 0.74 0.00	42.23 1.17 0.00	43.79 1.41 0.00	53.83 2.11 0.00	49.14 1.93 0.00	51.60 2.08 0.00	37.46 1.49 0.00	35.31 1.38 0.00	32.80 1.20 0.00
STONY___BROOK 24151	37.62 1.31 0.00	38.40 1.39 0.00	36.04 1.29 0.00	38.44 1.27 0.00	39.96 1.30 0.00	47.72 1.71 0.00	97.79 3.55 -11.99	119.69 5.03 -6.69	73.06 2.99 -12.17	67.08 1.56 -32.86	35.30 1.19 0.00	35.62 0.92 0.00	41.34 0.93 0.00	110.54 1.72 -61.35	50.84 1.43 -13.39	35.47 0.74 0.00	42.30 1.24 0.00	44.01 1.63 0.00	54.28 2.57 0.00	49.85 2.64 0.00	52.15 2.63 0.00	37.68 1.71 0.00	36.53 1.53 -1.06	32.73 1.13 0.00
STURGEON_POOL_HYD 23609	37.54 1.22 0.00	38.21 1.19 0.00	35.90 1.14 0.00	38.37 1.20 0.00	39.92 1.27 0.00	47.41 1.40 0.00	84.99 2.74 0.00	112.03 4.06 0.00	59.93 2.03 0.00	33.67 1.01 0.00	34.89 0.78 0.00	35.37 0.67 0.00	41.23 0.82 0.00	48.62 1.15 0.00	36.94 0.92 0.00	35.49 0.76 0.00	42.07 1.00 0.00	43.69 1.32 0.00	53.60 1.89 0.00	49.08 1.87 0.00	51.48 1.96 0.00	37.32 1.34 0.00	35.09 1.15 0.00	32.53 0.93 0.00
ST_LAW_115_BK7_LBMP 345037	36.23 -0.09 0.00	37.00 -0.02 0.00	34.62 -0.14 0.00	37.05 -0.12 0.00	38.58 -0.08 0.00	45.95 -0.06 0.00	82.21 -0.05 0.00	107.77 -0.20 0.00	58.12 0.21 0.00	32.91 0.25 0.00	34.31 0.20 0.00	34.86 0.16 0.00	40.64 0.23 0.00	47.73 0.25 0.00	36.28 0.26 0.00	35.07 0.34 0.00	41.62 0.56 0.00	42.91 0.53 0.00	52.04 0.33 0.00	47.41 0.21 0.00	49.77 0.25 0.00	36.24 0.27 0.00	34.19 0.25 0.00	31.84 0.24 0.00

ST_LAW_115_BK8_LBMP 345038	36.23 -0.09 0.00	37.00 -0.02 0.00	34.62 -0.14 0.00	37.05 -0.12 0.00	38.58 -0.08 0.00	45.95 -0.06 0.00	82.21 -0.05 0.00	107.77 -0.20 0.00	58.12 0.21 0.00	32.91 0.25 0.00	34.31 0.20 0.00	34.86 0.16 0.00	40.64 0.23 0.00	47.73 0.25 0.00	36.28 0.26 0.00	35.07 0.34 0.00	41.62 0.56 0.00	42.91 0.53 0.00	52.04 0.33 0.00	47.41 0.21 0.00	49.77 0.25 0.00	36.24 0.27 0.00	34.19 0.25 0.00	31.84 0.24 0.00
ST_LAW_230_BK5_LBMP 345035	36.22 -0.09 0.00	36.99 -0.03 0.00	34.62 -0.14 0.00	37.05 -0.12 0.00	38.56 -0.09 0.00	45.92 -0.09 0.00	82.16 -0.10 0.00	107.72 -0.25 0.00	58.09 0.19 0.00	32.90 0.23 0.00	34.31 0.20 0.00	34.87 0.17 0.00	40.64 0.23 0.00	47.73 0.25 0.00	36.28 0.26 0.00	35.06 0.33 0.00	41.61 0.54 0.00	42.89 0.51 0.00	52.05 0.34 0.00	47.42 0.21 0.00	49.77 0.25 0.00	36.23 0.26 0.00	34.18 0.24 0.00	31.84 0.24 0.00
ST_LAW_230_BK6_LBMP 345036	36.22 -0.09 0.00	36.99 -0.03 0.00	34.62 -0.14 0.00	37.05 -0.12 0.00	38.56 -0.09 0.00	45.92 -0.09 0.00	82.16 -0.10 0.00	107.72 -0.25 0.00	58.09 0.19 0.00	32.90 0.23 0.00	34.31 0.20 0.00	34.87 0.17 0.00	40.64 0.23 0.00	47.73 0.25 0.00	36.28 0.26 0.00	35.06 0.33 0.00	41.61 0.54 0.00	42.89 0.51 0.00	52.05 0.34 0.00	47.42 0.21 0.00	49.77 0.25 0.00	36.23 0.26 0.00	34.18 0.24 0.00	31.84 0.24 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	37.30 0.99 0.00	38.00 0.98 0.00	35.73 0.97 0.00	38.18 1.01 0.00	39.72 1.06 0.00	47.15 1.14 0.00	84.50 2.24 0.00	111.30 3.33 0.00	59.48 1.58 0.00	33.39 0.73 0.00	34.63 0.52 0.00	35.16 0.45 0.00	40.99 0.58 0.00	48.27 0.80 0.00	36.68 0.66 0.00	35.27 0.54 0.00	41.77 0.71 0.00	43.35 0.97 0.00	53.18 1.47 0.00	48.71 1.50 0.00	51.06 1.54 0.00	36.99 1.02 0.00	34.78 0.85 0.00	32.29 0.69 0.00
SWANROAD_115KV_TB1 355699	34.44 -1.87 0.00	35.32 -1.70 0.00	33.07 -1.69 0.00	35.39 -1.78 0.00	36.69 -1.97 0.00	43.83 -2.17 0.00	76.07 -6.19 0.00	98.23 -9.74 0.00	53.39 -4.51 0.00	30.74 -1.92 0.00	32.57 -1.54 0.00	33.43 -1.27 0.00	38.91 -1.50 0.00	45.22 -2.25 0.00	34.12 -1.90 0.00	33.05 -1.68 0.00	38.34 -2.73 0.00	38.97 -3.41 0.00	47.08 -4.64 0.00	42.96 -4.25 0.00	44.91 -4.61 0.00	32.70 -3.28 0.00	31.48 -2.46 0.00	29.53 -2.07 0.00
SYNERGY___BIOGAS 323694	35.90 -0.41 0.00	36.77 -0.25 0.00	34.45 -0.31 0.00	36.87 -0.30 0.00	38.29 -0.36 0.00	45.83 -0.17 0.00	80.53 -1.72 0.00	104.73 -3.24 0.00	56.61 -1.29 0.00	32.36 -0.31 0.00	34.32 0.21 0.00	35.16 0.46 0.00	40.66 0.25 0.00	47.18 -0.29 0.00	35.66 -0.36 0.00	34.73 0.00 0.00	40.45 -0.62 0.00	41.22 -1.16 0.00	49.95 -1.76 0.00	45.62 -1.59 0.00	47.72 -1.80 0.00	34.61 -1.36 0.00	33.03 -0.90 0.00	30.89 -0.71 0.00
SYRACUSE___ENERGY_ST1 323597	36.06 -0.25 0.00	36.79 -0.23 0.00	34.58 -0.17 0.00	36.98 -0.19 0.00	38.44 -0.22 0.00	45.80 -0.21 0.00	81.85 -0.41 0.00	107.41 -0.56 0.00	57.44 -0.46 0.00	32.43 -0.24 0.00	34.06 -0.05 0.00	34.77 0.07 0.00	40.52 0.11 0.00	47.58 0.10 0.00	36.03 0.01 0.00	34.75 0.02 0.00	40.92 -0.14 0.00	42.11 -0.26 0.00	51.38 -0.33 0.00	46.90 -0.31 0.00	49.13 -0.38 0.00	35.63 -0.35 0.00	33.62 -0.31 0.00	31.32 -0.28 0.00
SYRACUSE___ENERGY_ST2 323598	36.06 -0.25 0.00	36.79 -0.23 0.00	34.58 -0.17 0.00	36.98 -0.19 0.00	38.44 -0.22 0.00	45.80 -0.21 0.00	81.85 -0.41 0.00	107.41 -0.56 0.00	57.44 -0.46 0.00	32.43 -0.24 0.00	34.06 -0.05 0.00	34.77 0.07 0.00	40.52 0.11 0.00	47.58 0.10 0.00	36.03 0.01 0.00	34.75 0.02 0.00	40.92 -0.14 0.00	42.11 -0.26 0.00	51.38 -0.33 0.00	46.90 -0.31 0.00	49.13 -0.38 0.00	35.63 -0.35 0.00	33.62 -0.31 0.00	31.32 -0.28 0.00
SYRACUSE___POWER 24017	36.07 -0.24 0.00	36.79 -0.23 0.00	34.58 -0.17 0.00	36.99 -0.18 0.00	38.44 -0.22 0.00	45.84 -0.17 0.00	81.93 -0.32 0.00	107.50 -0.47 0.00	57.50 -0.40 0.00	32.46 -0.21 0.00	34.07 -0.04 0.00	34.78 0.08 0.00	40.53 0.12 0.00	47.58 0.11 0.00	36.04 0.02 0.00	34.75 0.02 0.00	40.96 -0.10 0.00	42.14 -0.24 0.00	51.40 -0.31 0.00	46.92 -0.28 0.00	49.16 -0.36 0.00	35.64 -0.34 0.00	33.63 -0.31 0.00	31.33 -0.27 0.00
TALLMAN___138KV_BK151 55660	37.37 1.06 0.00	38.06 1.04 0.00	35.80 1.04 0.00	38.24 1.07 0.00	39.80 1.14 0.00	47.24 1.23 0.00	84.68 2.43 0.00	111.60 3.63 0.00	59.66 1.76 0.00	33.50 0.83 0.00	34.74 0.62 0.00	35.28 0.57 0.00	41.07 0.66 0.00	48.40 0.93 0.00	36.84 0.82 0.00	35.40 0.67 0.00	41.89 0.82 0.00	43.47 1.09 0.00	53.37 1.66 0.00	48.89 1.69 0.00	51.24 1.72 0.00	37.08 1.11 0.00	34.87 0.93 0.00	32.36 0.76 0.00
TEALLAVE_115KV_TB7 355573	35.92 -0.39 0.00	36.64 -0.38 0.00	34.44 -0.31 0.00	36.84 -0.34 0.00	38.28 -0.38 0.00	45.64 -0.37 0.00	81.53 -0.73 0.00	106.94 -1.03 0.00	57.24 -0.66 0.00	32.33 -0.33 0.00	33.96 -0.14 0.00	34.65 -0.06 0.00	40.37 -0.04 0.00	47.38 -0.09 0.00	35.90 -0.12 0.00	34.61 -0.12 0.00	40.78 -0.29 0.00	41.93 -0.45 0.00	51.14 -0.57 0.00	46.68 -0.53 0.00	48.91 -0.61 0.00	35.47 -0.50 0.00	33.48 -0.45 0.00	31.20 -0.40 0.00
TELGRAPH_34_KV_EAST 80808	35.17 -1.14 0.00	36.05 -0.97 0.00	33.78 -0.98 0.00	36.16 -1.01 0.00	37.51 -1.15 0.00	44.88 -1.13 0.00	78.42 -3.83 0.00	101.68 -6.29 0.00	55.13 -2.77 0.00	31.60 -1.07 0.00	33.49 -0.62 0.00	34.34 -0.36 0.00	39.88 -0.52 0.00	46.30 -1.17 0.00	34.95 -1.07 0.00	33.92 -0.82 0.00	39.45 -1.62 0.00	40.15 -2.23 0.00	48.60 -3.11 0.00	44.36 -2.85 0.00	46.37 -3.15 0.00	33.69 -2.29 0.00	32.28 -1.66 0.00	30.22 -1.38 0.00
TEMPLE___115KV_TB 2 55572	35.93 -0.38 0.00	36.64 -0.38 0.00	34.47 -0.29 0.00	36.85 -0.33 0.00	38.28 -0.37 0.00	45.66 -0.35 0.00	81.54 -0.71 0.00	107.01 -0.96 0.00	57.26 -0.64 0.00	32.35 -0.31 0.00	33.98 -0.13 0.00	34.68 -0.03 0.00	40.40 -0.01 0.00	47.41 -0.06 0.00	35.92 -0.11 0.00	34.63 -0.10 0.00	40.79 -0.27 0.00	41.93 -0.44 0.00	51.15 -0.56 0.00	46.70 -0.51 0.00	48.92 -0.60 0.00	35.48 -0.49 0.00	33.49 -0.45 0.00	31.21 -0.39 0.00
TIANA____69_KV_BK 1 55817	37.54 1.23 0.00	38.32 1.30 0.00	35.96 1.21 0.00	38.38 1.21 0.00	39.91 1.26 0.00	47.84 1.83 0.00	98.03 3.78 -11.99	119.82 5.16 -6.69	72.90 2.83 -12.17	66.70 1.18 -32.86	34.73 0.61 0.00	34.98 0.27 0.00	40.60 0.19 0.00	109.67 0.85 -61.35	50.36 0.95 -13.39	34.97 0.24 0.00	41.76 0.70 0.00	43.59 1.22 0.00	53.93 2.22 0.00	49.66 2.45 0.00	51.89 2.37 0.00	37.37 1.39 0.00	36.16 1.23 -1.00	32.34 0.74 0.00
TILDEN___115KV_TB1 80814	36.07 -0.24 0.00	36.79 -0.23 0.00	34.58 -0.17 0.00	36.99 -0.18 0.00	38.44 -0.22 0.00	45.84 -0.17 0.00	81.93 -0.32 0.00	107.50 -0.47 0.00	57.50 -0.40 0.00	32.46 -0.21 0.00	34.07 -0.04 0.00	34.78 0.08 0.00	40.53 0.12 0.00	47.58 0.11 0.00	36.04 0.02 0.00	34.75 0.02 0.00	40.96 -0.10 0.00	42.14 -0.24 0.00	51.40 -0.31 0.00	46.92 -0.28 0.00	49.16 -0.36 0.00	35.64 -0.34 0.00	33.63 -0.31 0.00	31.33 -0.27 0.00

TRIGEN___CC 323695	37.87 1.56 0.00	38.59 1.57 0.00	36.23 1.47 0.00	38.66 1.49 0.00	40.19 1.53 0.00	47.80 1.79 0.00	97.95 3.71 -11.99	120.59 5.93 -6.69	73.35 3.28 -12.17	67.22 1.70 -32.86	35.66 1.55 0.00	36.12 1.42 0.00	41.99 1.58 0.00	111.04 2.22 -61.35	51.13 1.72 -13.39	35.85 1.12 0.00	42.53 1.47 0.00	44.17 1.80 0.00	54.26 2.55 0.00	49.75 2.55 0.00	52.11 2.59 0.00	37.76 1.78 0.00	43.44 1.60 -7.90	32.95 1.34 -0.01
TRINITY___115KV___4 BK 55933	37.58 1.26 0.00	38.20 1.18 0.00	35.90 1.13 0.00	38.32 1.15 0.00	39.87 1.21 0.00	47.37 1.36 0.00	84.68 2.43 0.00	111.15 3.18 0.00	59.30 1.40 0.00	33.26 0.60 0.00	34.51 0.40 0.00	35.07 0.37 0.00	40.68 0.28 0.00	47.61 0.14 0.00	35.89 -0.14 0.00	34.45 -0.28 0.00	40.75 -0.31 0.00	42.27 -0.10 0.00	51.86 0.15 0.00	47.38 0.17 0.00	49.77 0.25 0.00	36.17 0.20 0.00	34.16 0.22 0.00	31.93 0.33 0.00
UNION___PROCESSING_DRP 323587	35.59 -0.72 0.00	36.39 -0.63 0.00	34.11 -0.64 0.00	36.48 -0.69 0.00	37.87 -0.79 0.00	45.24 -0.76 0.00	79.97 -2.28 0.00	104.36 -3.61 0.00	56.32 -1.58 0.00	32.07 -0.59 0.00	33.86 -0.25 0.00	34.67 -0.03 0.00	40.34 -0.07 0.00	47.07 -0.40 0.00	35.56 -0.46 0.00	34.42 -0.31 0.00	40.27 -0.79 0.00	41.16 -1.22 0.00	49.96 -1.75 0.00	45.62 -1.59 0.00	47.74 -1.78 0.00	34.64 -1.33 0.00	32.94 -1.00 0.00	30.73 -0.87 0.00
UPPER HUDSON___HYD 24058	38.30 1.98 0.00	39.01 1.99 0.00	36.62 1.86 0.00	39.09 1.92 0.00	40.67 2.01 0.00	48.54 2.53 0.00	87.49 5.23 0.00	114.63 6.66 0.00	60.70 2.80 0.00	33.90 1.24 0.00	35.20 1.09 0.00	35.57 0.87 0.00	41.27 0.87 0.00	48.65 1.18 0.00	36.89 0.86 0.00	35.86 1.12 0.00	42.78 1.72 0.00	44.44 2.06 0.00	54.65 2.94 0.00	49.91 2.70 0.00	52.36 2.84 0.00	37.95 1.98 0.00	35.80 1.86 0.00	33.19 1.60 0.00
UPPER RAQUET___HYD 24056	35.61 -0.70 0.00	36.35 -0.67 0.00	35.42 -0.85 -1.51	44.13 -0.65 -7.61	47.82 -0.47 -9.63	53.04 -0.58 -7.62	81.80 -0.45 0.00	107.27 -0.70 0.00	57.67 -0.23 0.00	32.57 -0.09 0.00	33.77 -0.34 0.00	34.22 -0.49 0.00	39.83 -0.58 0.00	46.82 -0.65 0.00	35.77 -0.25 0.00	34.83 0.09 0.00	41.46 0.40 0.00	42.83 0.45 0.00	51.92 0.21 0.00	47.29 0.08 0.00	49.64 0.12 0.00	36.13 0.16 0.00	34.02 0.08 0.00	31.64 0.03 0.00
VALLEY44_115KV_TB2 355964	35.21 -1.10 0.00	36.34 -0.68 0.00	34.16 -0.60 0.00	36.63 -0.54 0.00	37.81 -0.84 0.00	44.92 -1.08 0.00	79.19 -3.06 0.00	103.79 -4.18 0.00	55.97 -1.94 0.00	32.03 -0.63 0.00	33.91 -0.20 0.00	34.84 0.13 0.00	40.63 0.22 0.00	47.52 0.05 0.00	35.56 -0.46 0.00	34.20 -0.53 0.00	39.94 -1.12 0.00	40.66 -1.72 0.00	49.09 -2.62 0.00	44.82 -2.39 0.00	46.73 -2.79 0.00	33.83 -2.15 0.00	32.03 -1.91 0.00	29.96 -1.64 0.00
VALLEY___115KV_TB 1-4 80826	36.66 0.34 0.00	37.32 0.30 0.00	34.98 0.22 0.00	37.14 -0.03 0.00	38.68 0.02 0.00	46.04 0.03 0.00	82.60 0.34 0.00	108.72 0.75 0.00	57.12 -0.78 0.00	31.32 -1.35 0.00	32.57 -1.54 0.00	33.00 -1.70 0.00	38.38 -2.03 0.00	45.30 -2.17 0.00	33.97 -2.05 0.00	34.05 -0.68 0.00	40.45 -0.61 0.00	42.10 -0.28 0.00	51.74 0.02 0.00	47.24 0.04 0.00	49.42 -0.09 0.00	35.92 -0.06 0.00	33.84 -0.09 0.00	31.42 -0.18 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	37.98 1.67 0.00	38.73 1.71 0.00	36.38 1.62 0.00	38.90 1.73 0.00	40.44 1.78 0.00	48.21 2.21 0.00	86.26 4.01 0.00	113.23 5.26 0.00	60.83 2.93 0.00	34.22 1.56 0.00	35.53 1.42 0.00	36.20 1.50 0.00	42.23 1.82 0.00	49.58 2.11 0.00	37.66 1.63 0.00	36.31 1.58 0.00	42.75 1.69 0.00	44.15 1.77 0.00	53.96 2.25 0.00	49.24 2.03 0.00	51.65 2.13 0.00	37.46 1.48 0.00	35.25 1.32 0.00	32.72 1.12 0.00
VISCHER___FERRY HYD 24020	37.51 1.20 0.00	38.13 1.11 0.00	35.82 1.06 0.00	38.22 1.05 0.00	39.76 1.10 0.00	47.28 1.27 0.00	84.63 2.38 0.00	111.01 3.04 0.00	59.10 1.19 0.00	33.10 0.43 0.00	34.37 0.26 0.00	34.88 0.17 0.00	40.52 0.12 0.00	47.72 0.25 0.00	36.19 0.17 0.00	34.84 0.11 0.00	41.34 0.28 0.00	42.87 0.50 0.00	52.74 1.03 0.00	48.18 0.98 0.00	50.60 1.09 0.00	36.79 0.82 0.00	34.70 0.76 0.00	32.28 0.67 0.00
V_A_10_SYNC_DSASP 323832	34.94 -1.38 0.00	35.81 -1.21 0.00	33.55 -1.21 0.00	35.89 -1.28 0.00	37.19 -1.47 0.00	44.38 -1.62 0.00	77.82 -4.43 0.00	101.16 -6.80 0.00	54.82 -3.08 0.00	31.39 -1.28 0.00	33.18 -0.93 0.00	34.02 -0.68 0.00	39.65 -0.76 0.00	46.25 -1.22 0.00	34.87 -1.15 0.00	33.72 -1.01 0.00	39.27 -1.79 0.00	39.99 -2.39 0.00	48.42 -3.29 0.00	44.20 -3.00 0.00	46.26 -3.27 0.00	33.60 -2.38 0.00	32.08 -1.86 0.00	30.05 -1.55 0.00
V_CMM_10_SYNC_DSASP 323787	36.42 0.10 0.00	37.20 0.18 0.00	34.80 0.04 0.00	37.26 0.09 0.00	38.79 0.13 0.00	46.19 0.18 0.00	82.62 0.37 0.00	108.35 0.38 0.00	58.41 0.51 0.00	33.08 0.42 0.00	34.50 0.39 0.00	35.05 0.35 0.00	40.86 0.45 0.00	47.98 0.51 0.00	36.48 0.46 0.00	35.27 0.54 0.00	41.85 0.79 0.00	43.14 0.76 0.00	52.33 0.62 0.00	47.67 0.46 0.00	50.03 0.51 0.00	36.43 0.46 0.00	34.37 0.43 0.00	32.02 0.42 0.00
V_CMP_10_SYNC_DSASP 323788	35.97 -0.35 0.00	36.75 -0.27 0.00	25.00 -0.55 9.21	-9.76 -0.56 46.37	-20.61 -0.55 58.72	-1.17 -0.74 46.44	81.67 -0.58 0.00	107.27 -0.70 0.00	58.44 0.53 0.00	33.39 0.72 0.00	34.84 0.73 0.00	35.30 0.60 0.00	40.93 0.52 0.00	48.05 0.58 0.00	36.46 0.44 0.00	35.56 0.83 0.00	42.43 1.37 0.00	43.97 1.59 0.00	53.53 1.81 0.00	48.81 1.60 0.00	51.13 1.61 0.00	37.28 1.30 0.00	34.94 1.00 0.00	32.34 0.74 0.00
V_D_10_SYNC_DSASP 323841	36.48 0.17 0.00	37.26 0.24 0.00	35.18 0.08 -0.33	39.01 0.17 -1.67	41.01 0.24 -2.11	47.99 0.31 -1.67	82.94 0.69 0.00	108.70 0.74 0.00	58.58 0.67 0.00	33.16 0.50 0.00	34.54 0.43 0.00	35.08 0.38 0.00	40.88 0.48 0.00	48.03 0.55 0.00	36.54 0.52 0.00	35.38 0.65 0.00	42.01 0.95 0.00	43.31 0.93 0.00	52.53 0.81 0.00	47.84 0.63 0.00	50.21 0.70 0.00	36.57 0.59 0.00	34.48 0.55 0.00	32.12 0.52 0.00
V_E_10_SYNC_DSASP 323830	36.82 0.51 0.00	37.31 0.29 0.00	35.24 0.48 0.00	37.92 0.76 0.00	39.49 0.84 0.00	47.91 1.90 0.00	87.64 5.38 0.00	115.95 7.98 0.00	61.81 3.90 0.00	34.42 1.76 0.00	35.82 1.71 0.00	36.98 2.27 0.00	43.60 3.19 0.00	50.99 3.52 0.00	38.58 2.56 0.00	37.25 2.52 0.00	44.15 3.09 0.00	45.56 3.18 0.00	55.48 3.77 0.00	50.49 3.29 0.00	52.28 2.76 0.00	37.46 1.48 0.00	35.18 1.24 0.00	32.60 1.00 0.00
V_F_30_NSYNC___DSASP 323816	38.02 1.70 0.00	38.70 1.68 0.00	36.32 1.56 0.00	38.77 1.60 0.00	40.34 1.69 0.00	48.06 2.05 0.00	86.25 4.00 0.00	113.12 5.15 0.00	60.06 2.16 0.00	33.57 0.91 0.00	34.86 0.75 0.00	35.29 0.59 0.00	41.09 0.68 0.00	48.45 0.98 0.00	36.72 0.70 0.00	35.56 0.83 0.00	42.32 1.26 0.00	43.88 1.50 0.00	53.91 2.19 0.00	49.21 2.01 0.00	51.68 2.16 0.00	37.52 1.54 0.00	35.37 1.43 0.00	32.84 1.24 0.00



V_F_30_SYNC_DSASP 323786	37.70 1.39 0.00	38.34 1.32 0.00	36.02 1.26 0.00	38.46 1.29 0.00	40.01 1.35 0.00	47.55 1.54 0.00	85.06 2.81 0.00	111.63 3.67 0.00	59.56 1.66 0.00	33.40 0.74 0.00	34.65 0.54 0.00	35.20 0.50 0.00	40.86 0.45 0.00	47.83 0.35 0.00	36.03 0.01 0.00	34.62 -0.11 0.00	40.98 -0.08 0.00	42.51 0.13 0.00	52.13 0.42 0.00	47.63 0.42 0.00	49.99 0.47 0.00	36.32 0.35 0.00	34.30 0.36 0.00	32.05 0.46 0.00
V_XM_10_SYNC_DSASP 323789	35.97 -0.35 0.00	36.75 -0.27 0.00	25.00 -0.55 9.21	-9.76 -0.56 46.37	-20.61 -0.55 58.72	-1.17 -0.74 46.44	81.67 -0.58 0.00	107.27 -0.70 0.00	58.44 0.53 0.00	33.39 0.72 0.00	34.84 0.73 0.00	35.30 0.60 0.00	40.93 0.52 0.00	48.05 0.58 0.00	36.46 0.44 0.00	35.56 0.83 0.00	42.43 1.37 0.00	43.97 1.59 0.00	53.53 1.81 0.00	48.81 1.60 0.00	51.13 1.61 0.00	37.28 1.30 0.00	34.94 1.00 0.00	32.34 0.74 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	37.51 1.20 0.00	38.20 1.18 0.00	35.92 1.16 0.00	38.37 1.20 0.00	39.95 1.29 0.00	47.62 1.62 0.00	85.47 3.21 0.00	112.64 4.68 0.00	60.22 2.32 0.00	33.81 1.15 0.00	35.05 0.94 0.00	35.61 0.91 0.00	41.49 1.08 0.00	48.89 1.41 0.00	37.19 1.16 0.00	35.74 1.01 0.00	42.05 0.99 0.00	43.71 1.34 0.00	53.58 1.87 0.00	49.08 1.88 0.00	51.45 1.93 0.00	37.24 1.26 0.00	35.01 1.07 0.00	32.49 0.88 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.80 1.49 0.00	38.45 1.43 0.00	36.10 1.34 0.00	38.59 1.42 0.00	40.18 1.52 0.00	47.72 1.72 0.00	85.66 3.41 0.00	113.20 5.23 0.00	60.63 2.73 0.00	34.06 1.40 0.00	35.32 1.21 0.00	35.86 1.15 0.00	41.69 1.29 0.00	49.12 1.65 0.00	37.34 1.32 0.00	35.82 1.08 0.00	42.41 1.35 0.00	44.00 1.63 0.00	53.98 2.27 0.00	49.45 2.25 0.00	51.86 2.34 0.00	37.56 1.59 0.00	35.33 1.40 0.00	32.77 1.17 0.00
W50THST__13_KV_LOAD 356117	38.00 1.69 0.00	38.65 1.63 0.00	36.28 1.52 0.00	38.77 1.61 0.00	40.37 1.72 0.00	47.99 1.98 0.00	86.19 3.93 0.00	113.93 5.96 0.00	61.08 3.18 0.00	34.33 1.66 0.00	35.59 1.48 0.00	36.15 1.45 0.00	42.04 1.63 0.00	49.53 2.06 0.00	37.63 1.61 0.00	36.10 1.37 0.00	42.73 1.67 0.00	44.31 1.93 0.00	54.32 2.61 0.00	49.75 2.54 0.00	52.15 2.63 0.00	37.76 1.79 0.00	35.52 1.58 0.00	32.95 1.35 0.00
WADING RIVER_IC_1 23522	37.12 0.80 0.00	37.88 0.86 0.00	35.55 0.79 0.00	37.94 0.77 0.00	39.45 0.79 0.00	47.34 1.33 0.00	97.11 2.87 -11.99	118.42 3.75 -6.69	72.21 2.13 -12.17	66.47 0.95 -32.86	34.54 0.42 0.00	34.81 0.11 0.00	40.41 0.00 0.00	109.46 0.63 -61.35	50.11 0.70 -13.39	34.74 0.01 0.00	41.50 0.44 0.00	43.24 0.87 0.00	53.63 1.92 0.00	49.44 2.24 0.00	51.70 2.18 0.00	37.20 1.23 0.00	36.02 1.09 -0.99	32.17 0.57 0.00
WADING RIVER_IC_2 23547	37.12 0.80 0.00	37.88 0.86 0.00	35.55 0.79 0.00	37.94 0.77 0.00	39.45 0.79 0.00	47.34 1.33 0.00	97.11 2.87 -11.99	118.42 3.75 -6.69	72.21 2.13 -12.17	66.47 0.95 -32.86	34.54 0.42 0.00	34.81 0.11 0.00	40.41 0.00 0.00	109.46 0.63 -61.35	50.11 0.70 -13.39	34.74 0.01 0.00	41.50 0.44 0.00	43.24 0.87 0.00	53.63 1.92 0.00	49.44 2.24 0.00	51.70 2.18 0.00	37.20 1.23 0.00	36.02 1.09 -0.99	32.17 0.57 0.00
WADING RIVER_IC_3 23601	37.12 0.80 0.00	37.88 0.86 0.00	35.55 0.79 0.00	37.94 0.77 0.00	39.45 0.79 0.00	47.34 1.33 0.00	97.11 2.87 -11.99	118.42 3.75 -6.69	72.21 2.13 -12.17	66.47 0.95 -32.86	34.54 0.42 0.00	34.81 0.11 0.00	40.41 0.00 0.00	109.46 0.63 -61.35	50.11 0.70 -13.39	34.74 0.01 0.00	41.50 0.44 0.00	43.24 0.87 0.00	53.63 1.92 0.00	49.44 2.24 0.00	51.70 2.18 0.00	37.20 1.23 0.00	36.02 1.09 -0.99	32.17 0.57 0.00
WALDENNY_12_KV_BK2 80841	35.16 -1.16 0.00	36.14 -0.88 0.00	33.89 -0.87 0.00	36.28 -0.89 0.00	37.62 -1.03 0.00	44.98 -1.03 0.00	78.64 -3.61 0.00	102.12 -5.84 0.00	55.40 -2.50 0.00	31.82 -0.84 0.00	33.72 -0.39 0.00	34.60 -0.10 0.00	40.30 -0.11 0.00	46.90 -0.57 0.00	35.27 -0.75 0.00	34.12 -0.61 0.00	39.63 -1.43 0.00	40.31 -2.06 0.00	48.72 -2.99 0.00	44.46 -2.75 0.00	46.41 -3.11 0.00	33.69 -2.29 0.00	32.27 -1.67 0.00	30.18 -1.42 0.00
WALDEN__HYDRO 24148	37.60 1.28 0.00	38.28 1.26 0.00	35.98 1.22 0.00	38.44 1.27 0.00	40.00 1.34 0.00	47.49 1.49 0.00	85.18 2.93 0.00	112.23 4.26 0.00	59.97 2.07 0.00	33.63 0.96 0.00	34.83 0.72 0.00	35.34 0.63 0.00	41.21 0.80 0.00	48.59 1.12 0.00	36.86 0.83 0.00	35.43 0.69 0.00	41.97 0.91 0.00	43.60 1.23 0.00	53.53 1.82 0.00	49.01 1.81 0.00	51.40 1.88 0.00	37.24 1.26 0.00	35.01 1.07 0.00	32.49 0.89 0.00
WARRENSBURG____ 23737	38.30 1.98 0.00	39.01 1.99 0.00	36.62 1.86 0.00	39.09 1.92 0.00	40.67 2.01 0.00	48.54 2.53 0.00	87.49 5.23 0.00	114.63 6.66 0.00	60.70 2.80 0.00	33.90 1.23 0.00	35.20 1.09 0.00	35.57 0.87 0.00	41.28 0.87 0.00	48.66 1.19 0.00	36.89 0.86 0.00	35.86 1.12 0.00	42.78 1.72 0.00	44.44 2.06 0.00	54.65 2.94 0.00	49.91 2.70 0.00	52.36 2.84 0.00	37.95 1.98 0.00	35.79 1.86 0.00	33.19 1.60 0.00
WATERSIDE____6 8 9 23538	34.44 1.56 3.43	35.39 1.51 3.14	32.60 1.40 3.56	35.60 1.48 3.05	37.52 1.60 2.73	46.19 1.79 1.61	85.74 3.51 0.03	112.64 5.38 0.71	63.04 2.83 -2.32	32.57 1.47 1.56	32.44 1.28 2.96	33.53 1.22 2.40	42.49 1.37 -0.72	50.20 1.74 -1.00	35.39 1.40 2.03	32.88 1.16 3.01	40.59 1.45 1.92	42.52 1.74 1.59	56.19 2.42 -2.06	42.56 2.40 7.04	45.84 2.50 6.17	34.06 1.72 3.63	32.00 1.49 3.43	29.07 1.25 3.78
WATKINRD_115KV_LN8_ILLION 55919	36.61 0.29 0.00	37.27 0.25 0.00	34.97 0.21 0.00	37.26 0.09 0.00	38.80 0.14 0.00	46.17 0.16 0.00	82.78 0.52 0.00	108.77 0.80 0.00	57.65 -0.25 0.00	32.06 -0.60 0.00	33.40 -0.71 0.00	33.90 -0.80 0.00	39.44 -0.96 0.00	46.45 -1.03 0.00	35.05 -0.97 0.00	34.31 -0.43 0.00	40.68 -0.38 0.00	42.22 -0.15 0.00	51.81 0.09 0.00	47.30 0.10 0.00	49.54 0.03 0.00	36.01 0.04 0.00	33.93 -0.01 0.00	31.53 -0.07 0.00
WATSON____69_KV_BK 1 55734	38.05 1.74 0.00	38.84 1.82 0.00	36.46 1.70 0.00	38.89 1.73 0.00	40.43 1.77 0.00	48.23 2.22 0.00	98.78 4.54 -11.99	121.23 6.57 -6.69	73.81 3.73 -12.17	67.51 1.99 -32.86	35.76 1.65 0.00	36.09 1.39 0.00	41.86 1.45 0.00	111.18 2.36 -61.35	51.29 1.88 -13.39	35.95 1.22 0.00	42.82 1.76 0.00	44.58 2.21 0.00	54.92 3.20 0.00	50.40 3.19 0.00	52.73 3.21 0.00	38.13 2.15 0.00	37.45 1.97 -1.54	33.17 1.56 0.00
WDELAWARE__HYD 323627	38.07 1.75 0.00	38.78 1.76 0.00	36.47 1.71 0.00	39.00 1.83 0.00	40.60 1.94 0.00	48.29 2.28 0.00	86.58 4.33 0.00	113.83 5.86 0.00	60.76 2.86 0.00	34.02 1.36 0.00	35.18 1.07 0.00	35.65 0.95 0.00	41.86 1.45 0.00	49.05 1.57 0.00	36.97 0.95 0.00	35.59 0.85 0.00	42.22 1.16 0.00	43.88 1.50 0.00	53.84 2.12 0.00	49.30 2.09 0.00	51.66 2.14 0.00	37.43 1.46 0.00	35.18 1.25 0.00	32.62 1.02 0.00

WEST BABYLON___IC 23714	38.07 1.76 0.00	38.86 1.84 0.00	36.48 1.72 0.00	38.91 1.74 0.00	40.44 1.78 0.00	48.20 2.19 0.00	98.73 4.50 -11.99	121.35 6.69 -6.69	73.81 3.74 -12.17	67.52 2.00 -32.86	35.82 1.71 0.00	36.20 1.50 0.00	41.99 1.58 0.00	111.32 2.50 -61.35	51.37 1.96 -13.39	36.04 1.31 0.00	42.86 1.79 0.00	44.62 2.25 0.00	54.91 3.20 0.00	50.39 3.19 0.00	52.75 3.23 0.00	38.16 2.19 0.00	38.66 2.01 -2.72	33.24 1.63 0.00
WEST CANADA___HYD 24049	36.34 0.03 0.00	37.02 0.00 0.00	34.76 0.00 0.00	37.20 0.03 0.00	38.70 0.04 0.00	46.05 0.05 0.00	82.40 0.15 0.00	108.23 0.26 0.00	57.92 0.02 0.00	32.60 -0.07 0.00	34.02 -0.09 0.00	34.60 -0.11 0.00	40.28 -0.12 0.00	47.33 -0.14 0.00	35.91 -0.11 0.00	34.63 -0.10 0.00	40.95 -0.12 0.00	42.33 -0.05 0.00	51.78 0.06 0.00	47.27 0.06 0.00	49.58 0.07 0.00	36.01 0.04 0.00	33.96 0.02 0.00	31.60 0.00 0.00
WESTERN_NY_WIND 24143	35.86 -0.46 0.00	36.72 -0.30 0.00	34.41 -0.35 0.00	36.83 -0.34 0.00	38.24 -0.42 0.00	45.78 -0.23 0.00	80.39 -1.86 0.00	104.54 -3.42 0.00	56.50 -1.40 0.00	32.31 -0.36 0.00	34.27 0.16 0.00	35.11 0.41 0.00	40.60 0.19 0.00	47.12 -0.35 0.00	35.61 -0.41 0.00	34.68 -0.05 0.00	40.38 -0.68 0.00	41.16 -1.22 0.00	49.87 -1.85 0.00	45.54 -1.66 0.00	47.61 -1.91 0.00	34.55 -1.43 0.00	33.00 -0.94 0.00	30.82 -0.78 0.00
WESTOVER___LESR 323668	35.98 -0.33 0.00	36.73 -0.28 0.00	34.57 -0.19 0.00	37.03 -0.14 0.00	38.45 -0.20 0.00	45.85 -0.16 0.00	81.83 -0.43 0.00	107.55 -0.42 0.00	57.42 -0.48 0.00	32.47 -0.19 0.00	34.07 -0.04 0.00	34.78 0.08 0.00	40.53 0.12 0.00	47.58 0.11 0.00	35.92 -0.10 0.00	34.58 -0.15 0.00	40.80 -0.26 0.00	42.04 -0.34 0.00	51.27 -0.44 0.00	46.78 -0.43 0.00	48.96 -0.56 0.00	35.48 -0.49 0.00	33.42 -0.52 0.00	31.12 -0.48 0.00
WETHRSFD_WT_PWR 323626	33.66 -2.66 0.00	34.81 -2.21 0.00	33.09 -1.67 0.00	35.82 -1.35 0.00	37.38 -1.28 0.00	44.73 -1.28 0.00	78.91 -3.35 0.00	102.69 -5.28 0.00	55.19 -2.71 0.00	31.53 -1.13 0.00	33.31 -0.80 0.00	34.04 -0.67 0.00	39.40 -1.01 0.00	45.78 -1.70 0.00	34.50 -1.51 0.00	33.22 -1.51 0.00	38.99 -2.08 0.00	39.63 -2.75 0.00	48.22 -3.49 0.00	43.54 -3.66 0.00	45.29 -4.23 0.00	32.60 -3.38 0.00	30.84 -3.10 0.00	28.93 -2.67 0.00
WHAVSTOR_138KV_BK127 55557	37.38 1.07 0.00	38.06 1.04 0.00	35.79 1.03 0.00	38.23 1.06 0.00	39.80 1.14 0.00	47.22 1.21 0.00	84.67 2.42 0.00	111.60 3.63 0.00	59.67 1.77 0.00	33.51 0.84 0.00	34.74 0.62 0.00	35.27 0.57 0.00	41.06 0.66 0.00	48.40 0.93 0.00	36.82 0.79 0.00	35.37 0.63 0.00	41.86 0.80 0.00	43.45 1.08 0.00	53.35 1.64 0.00	48.87 1.67 0.00	51.23 1.71 0.00	37.09 1.12 0.00	34.87 0.93 0.00	32.37 0.77 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	37.38 1.07 0.00	38.06 1.04 0.00	35.79 1.03 0.00	38.23 1.06 0.00	39.80 1.14 0.00	47.22 1.21 0.00	84.67 2.42 0.00	111.60 3.63 0.00	59.67 1.77 0.00	33.51 0.84 0.00	34.74 0.62 0.00	35.27 0.57 0.00	41.06 0.66 0.00	48.40 0.93 0.00	36.82 0.79 0.00	35.37 0.63 0.00	41.86 0.80 0.00	43.45 1.08 0.00	53.35 1.64 0.00	48.87 1.67 0.00	51.23 1.71 0.00	37.09 1.12 0.00	34.87 0.93 0.00	32.37 0.77 0.00
WHITEHAL_115KV_TB1 80871	38.54 2.23 0.00	39.44 2.42 0.00	37.04 2.28 0.00	39.45 2.29 0.00	40.97 2.31 0.00	49.06 3.05 0.00	89.57 7.32 0.00	116.56 8.60 0.00	61.22 3.32 0.00	34.17 1.50 0.00	35.30 1.20 0.00	35.71 1.01 0.00	41.57 1.16 0.00	48.86 1.39 0.00	37.15 1.13 0.00	36.23 1.49 0.00	43.54 2.48 0.00	45.56 3.18 0.00	56.31 4.60 0.00	51.26 4.05 0.00	53.90 4.38 0.00	38.93 2.95 0.00	36.69 2.75 0.00	33.95 2.35 0.00
WHITEPLN_13_KV_LOAD 356215	37.97 1.65 0.00	38.60 1.58 0.00	36.26 1.50 0.00	38.73 1.57 0.00	40.32 1.66 0.00	47.89 1.88 0.00	86.02 3.76 0.00	113.54 5.57 0.00	60.78 2.88 0.00	34.15 1.48 0.00	35.38 1.27 0.00	35.90 1.20 0.00	41.78 1.37 0.00	49.28 1.81 0.00	37.42 1.40 0.00	35.91 1.18 0.00	42.56 1.50 0.00	44.20 1.83 0.00	54.25 2.54 0.00	49.68 2.48 0.00	52.08 2.56 0.00	37.72 1.74 0.00	35.45 1.51 0.00	32.86 1.26 0.00
WM_FLOYD_69_KV_BK2 356380	37.48 1.17 0.00	38.25 1.24 0.00	35.90 1.14 0.00	38.31 1.14 0.00	39.83 1.17 0.00	47.67 1.66 0.00	97.69 3.45 -11.99	119.52 4.85 -6.69	72.76 2.69 -12.17	66.85 1.33 -32.86	34.95 0.84 0.00	35.22 0.52 0.00	40.87 0.47 0.00	110.01 1.19 -61.35	50.52 1.11 -13.39	35.15 0.42 0.00	41.99 0.93 0.00	43.71 1.33 0.00	54.06 2.35 0.00	49.71 2.50 0.00	52.01 2.49 0.00	37.52 1.54 0.00	36.35 1.39 -1.02	32.55 0.95 0.00
WOODARD___115KV_TB2 355635	35.88 -0.43 0.00	36.60 -0.42 0.00	34.41 -0.36 0.00	36.79 -0.38 0.00	38.23 -0.43 0.00	45.57 -0.44 0.00	81.41 -0.84 0.00	106.82 -1.15 0.00	57.18 -0.73 0.00	32.30 -0.37 0.00	33.92 -0.19 0.00	34.60 -0.11 0.00	40.30 -0.10 0.00	47.31 -0.16 0.00	35.85 -0.17 0.00	34.58 -0.15 0.00	40.71 -0.35 0.00	41.88 -0.49 0.00	51.09 -0.63 0.00	46.63 -0.58 0.00	48.86 -0.66 0.00	35.45 -0.52 0.00	33.47 -0.47 0.00	31.18 -0.42 0.00
YORK___WARBASSE 23770	55.22 1.79 -17.12	54.43 1.75 -15.66	54.15 1.63 -17.75	54.17 1.76 -15.23	54.17 1.88 -13.64	56.23 2.10 -8.12	86.41 4.03 -0.13	117.71 6.19 -3.55	70.15 3.23 -9.02	56.42 1.67 -22.09	55.22 1.49 -19.62	52.08 1.44 -15.93	59.33 1.63 -17.29	53.92 2.04 -4.41	53.43 1.63 -15.77	55.30 1.39 -19.18	52.55 1.74 -9.74	52.37 2.05 -7.94	61.95 2.74 -7.50	90.00 2.74 -40.06	92.05 2.85 -39.68	56.10 1.98 -18.14	52.80 1.75 -17.12	51.97 1.49 -18.88