



ALBANY___2 23572	37.30 1.13 0.00	26.83 0.75 0.00	29.96 0.88 0.00	27.92 0.79 0.00	27.45 0.74 0.00	37.25 0.99 0.00	51.28 1.19 0.00	62.55 1.39 0.00	48.59 1.11 0.00	32.86 0.86 0.00	26.90 0.70 0.00	13.21 0.34 0.00	8.45 0.20 0.00	6.49 0.16 0.00	7.56 0.19 0.00	17.27 0.49 0.00	22.84 0.73 0.00	30.91 0.97 0.00	57.52 1.47 0.00	45.00 0.97 0.00	48.61 1.29 0.00	48.98 1.32 0.00	47.12 1.16 0.00	27.67 0.73 0.00
ALBANY___3 23573	37.30 1.13 0.00	26.83 0.75 0.00	29.96 0.88 0.00	27.92 0.79 0.00	27.45 0.74 0.00	37.25 0.99 0.00	51.28 1.19 0.00	62.55 1.39 0.00	48.59 1.11 0.00	32.86 0.86 0.00	26.90 0.70 0.00	13.21 0.34 0.00	8.45 0.20 0.00	6.49 0.16 0.00	7.56 0.19 0.00	17.27 0.49 0.00	22.84 0.73 0.00	30.91 0.97 0.00	57.52 1.47 0.00	45.00 0.97 0.00	48.61 1.29 0.00	48.98 1.32 0.00	47.12 1.16 0.00	27.67 0.73 0.00
ALBANY___4 23574	37.30 1.13 0.00	26.83 0.75 0.00	29.96 0.88 0.00	27.92 0.79 0.00	27.45 0.74 0.00	37.25 0.99 0.00	51.28 1.19 0.00	62.55 1.39 0.00	48.59 1.11 0.00	32.86 0.86 0.00	26.90 0.70 0.00	13.21 0.34 0.00	8.45 0.20 0.00	6.49 0.16 0.00	7.56 0.19 0.00	17.27 0.49 0.00	22.84 0.73 0.00	30.91 0.97 0.00	57.52 1.47 0.00	45.00 0.97 0.00	48.61 1.29 0.00	48.98 1.32 0.00	47.12 1.16 0.00	27.67 0.73 0.00
ALBANY___LFGE 323615	37.47 1.29 0.00	26.95 0.86 0.00	30.09 1.01 0.00	28.05 0.91 0.00	27.57 0.86 0.00	37.42 1.17 0.00	51.56 1.47 0.00	62.89 1.73 0.00	48.84 1.37 0.00	33.01 1.01 0.00	27.01 0.81 0.00	13.26 0.38 0.00	8.47 0.22 0.00	6.52 0.18 0.00	7.58 0.21 0.00	17.33 0.55 0.00	22.95 0.84 0.00	31.07 1.14 0.00	57.84 1.79 0.00	45.25 1.22 0.00	48.87 1.55 0.00	49.22 1.56 0.00	47.38 1.42 0.00	27.80 0.86 0.00
ALCOA_PA_115KV_PL-6C 55860	36.25 0.07 0.00	26.09 0.01 0.00	29.13 0.06 0.00	27.24 0.11 0.00	26.79 0.08 0.00	36.47 0.21 0.00	50.55 0.45 0.00	61.79 0.63 0.00	48.04 0.56 0.00	32.33 0.33 0.00	26.37 0.18 0.00	12.92 0.05 0.00	8.28 0.03 0.00	6.32 -0.02 0.00	7.33 -0.05 0.00	16.57 -0.21 0.00	21.84 -0.27 0.00	29.51 -0.43 0.00	55.61 -0.43 0.00	44.01 -0.03 0.00	47.26 -0.06 0.00	47.73 0.07 0.00	45.96 0.00 0.00	26.95 0.01 0.00
ALCOA_RYNLDS___DRP 24188	36.25 0.07 0.00	26.09 0.01 0.00	29.13 0.06 0.00	27.24 0.11 0.00	26.79 0.08 0.00	36.47 0.21 0.00	50.54 0.45 0.00	61.80 0.63 0.00	48.04 0.56 0.00	32.33 0.33 0.00	26.37 0.17 0.00	12.92 0.05 0.00	8.28 0.03 0.00	6.32 -0.02 0.00	7.33 -0.05 0.00	16.57 -0.21 0.00	21.84 -0.27 0.00	29.51 -0.43 0.00	55.61 -0.43 0.00	44.00 -0.03 0.00	47.25 -0.07 0.00	47.72 0.06 0.00	45.94 -0.02 0.00	26.95 0.01 0.00
ALCOA___DSASP 323711	36.25 0.07 0.00	26.09 0.01 0.00	29.13 0.06 0.00	27.24 0.11 0.00	26.79 0.08 0.00	36.47 0.21 0.00	50.54 0.45 0.00	61.80 0.63 0.00	48.04 0.56 0.00	32.33 0.33 0.00	26.37 0.17 0.00	12.92 0.05 0.00	8.28 0.03 0.00	6.32 -0.02 0.00	7.33 -0.05 0.00	16.57 -0.21 0.00	21.84 -0.27 0.00	29.51 -0.43 0.00	55.61 -0.43 0.00	44.00 -0.03 0.00	47.25 -0.07 0.00	47.72 0.06 0.00	45.94 -0.02 0.00	26.95 0.01 0.00
ALLEGHENY___COGEN 23514	33.87 -1.36 0.95	25.18 -0.87 0.03	27.42 -1.01 0.64	25.82 -0.93 0.39	32.26 -0.88 -6.43	52.64 -0.87 -17.26	57.14 -1.07 -8.12	49.57 -2.00 9.60	51.82 -1.89 -6.24	67.21 -2.11 -37.33	42.27 -2.07 -18.15	16.42 -1.05 -4.60	7.79 -0.64 -0.18	11.88 -0.48 -6.01	17.30 -0.56 -10.49	36.72 -1.22 -21.16	44.13 -1.65 -23.68	64.54 -1.82 -36.42	105.08 -2.15 -51.18	97.83 -0.51 -54.31	95.79 -0.66 -49.15	84.16 -1.22 -37.72	0.53 -0.85 44.58	25.53 -0.96 0.46
ALTMONT_115KV_TB 2 55880	37.02 0.85 0.00	26.66 0.58 0.00	29.74 0.66 0.00	27.72 0.59 0.00	27.28 0.56 0.00	37.01 0.75 0.00	51.01 0.92 0.00	62.27 1.11 0.00	48.33 0.85 0.00	32.63 0.63 0.00	26.70 0.51 0.00	13.12 0.25 0.00	8.40 0.14 0.00	6.45 0.12 0.00	7.52 0.14 0.00	17.15 0.37 0.00	22.64 0.53 0.00	30.68 0.74 0.00	57.23 1.18 0.00	44.82 0.80 0.00	48.31 1.00 0.00	48.71 1.05 0.00	46.90 0.94 0.00	27.51 0.57 0.00
ALTONA_WT_PWR 323606	35.54 -0.64 0.00	25.55 -0.53 0.00	28.62 -0.46 0.00	26.79 -0.35 0.00	26.39 -0.32 0.00	35.97 -0.29 0.00	49.90 -0.19 0.00	61.05 -0.11 0.00	47.51 0.03 0.00	32.02 0.02 0.00	25.91 -0.28 0.00	12.63 -0.24 0.00	8.11 -0.13 0.00	6.20 -0.14 0.00	7.19 -0.18 0.00	16.28 -0.49 0.00	21.49 -0.61 0.00	29.01 -0.93 0.00	54.64 -1.41 0.00	43.07 -0.96 0.00	46.36 -0.96 0.00	46.80 -0.85 0.00	45.11 -0.85 0.00	26.46 -0.47 0.00
AMERICAN_REF_FUEL 24010	27.56 -4.53 4.09	22.75 -3.13 0.21	24.14 -3.42 1.52	21.51 -3.07 2.55	11.73 -2.94 12.05	19.12 -3.82 13.32	22.93 -5.53 21.63	25.96 -7.88 27.32	15.80 -6.20 25.48	15.94 -4.35 11.70	17.62 -3.41 5.17	9.85 -1.73 1.29	7.16 -1.04 0.05	3.89 -0.74 1.71	3.55 -0.86 2.96	8.76 -2.07 5.95	11.93 -2.91 7.27	15.19 -3.94 10.81	12.99 -6.56 36.50	11.62 -5.08 27.33	4.47 -5.72 37.12	16.37 -6.06 25.23	6.13 -4.24 35.58	15.93 -3.03 7.98
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.14 -4.20 4.83	22.94 -2.89 0.26	24.01 -3.19 1.88	20.97 -2.97 3.19	9.47 -2.89 14.35	17.36 -3.64 15.26	17.99 -4.72 27.38	21.56 -6.48 33.12	-30.06 -5.47 72.07	9.69 -3.48 18.83	17.58 -2.67 5.95	10.02 -1.35 1.50	7.40 -0.79 0.06	3.77 -0.60 1.96	3.24 -0.72 3.41	8.31 -1.62 6.85	11.70 -2.24 8.16	14.70 -2.96 12.28	14.30 -5.19 36.56	7.32 -3.94 32.77	-4.29 -4.62 46.99	11.94 -5.40 30.32	0.12 -4.48 41.37	14.21 -2.86 9.87
ARTHUR KILL_GT_1 23520	37.89 1.71 0.00	27.23 1.14 0.00	30.12 1.04 0.00	28.03 0.90 0.00	27.83 1.12 0.00	37.68 1.42 0.00	52.15 2.06 0.00	63.85 2.68 0.00	49.74 2.26 0.00	33.91 1.91 0.00	27.96 1.76 0.00	13.68 0.81 0.00	3.78 0.55 5.02	6.79 0.44 0.00	7.94 0.57 0.00	18.18 1.41 0.00	23.98 1.87 0.00	32.34 2.40 0.00	59.83 3.78 0.00	46.85 2.83 0.00	50.16 2.85 0.00	50.84 3.18 -0.01	48.70 2.73 0.00	28.47 1.52 -0.01
ARTHUR_KILL_2 23512	37.81 1.63 0.00	27.16 1.08 0.00	30.04 0.96 0.00	27.97 0.83 0.00	27.76 1.05 0.00	37.59 1.33 0.00	52.00 1.91 0.00	63.70 2.54 0.00	49.64 2.16 0.00	33.82 1.82 0.00	27.90 1.71 0.00	13.68 0.81 0.00	3.77 0.54 5.02	6.77 0.43 0.00	7.93 0.56 0.00	18.15 1.38 0.00	23.94 1.83 0.00	32.27 2.33 0.00	59.71 3.66 0.00	46.74 2.71 0.00	50.04 2.72 0.00	50.72 3.06 -0.01	48.61 2.65 0.00	28.41 1.46 -0.01
ARTHUR_KILL_3 23513	37.89 1.71 0.00	27.27 1.19 0.00	30.31 1.23 0.00	28.20 1.07 0.00	27.84 1.13 0.00	37.70 1.44 0.00	52.09 2.00 0.00	63.70 2.54 0.00	49.58 2.11 0.00	33.74 1.75 0.00	27.90 1.71 0.00	13.67 0.80 0.00	6.94 0.54 1.85	6.77 0.43 0.00	7.92 0.55 0.00	18.13 1.36 0.00	23.92 1.82 0.00	32.23 2.30 0.00	59.31 3.26 0.00	46.43 2.40 0.00	49.69 2.37 0.00	50.34 2.68 0.00	48.43 2.48 0.00	28.44 1.50 0.00

ARTHUR_KILL_COGEN 323718	37.89 1.71 0.00	27.23 1.14 0.00	30.12 1.04 0.00	28.03 0.90 0.00	27.83 1.12 0.00	37.67 1.41 0.00	52.15 2.06 0.00	63.87 2.71 0.00	49.76 2.29 0.00	33.89 1.89 0.00	27.96 1.76 0.00	13.70 0.83 0.00	3.78 0.55 5.02	6.79 0.44 0.00	7.94 0.57 0.00	18.18 1.41 0.00	23.98 1.87 0.00	32.33 2.39 0.00	59.85 3.80 0.00	46.86 2.84 0.00	50.17 2.86 0.00	50.86 3.19 -0.01	48.73 2.76 0.00	28.48 1.53 -0.01
ASHOKAN____ 23654	37.80 1.62 0.00	27.16 1.08 0.00	30.27 1.19 0.00	28.21 1.07 0.00	27.81 1.10 0.00	37.83 1.57 0.00	52.37 2.28 0.00	64.20 3.04 0.00	49.81 2.34 0.00	33.43 1.43 0.00	27.29 1.10 0.00	13.34 0.47 0.00	8.52 0.27 0.00	6.54 0.20 0.00	7.62 0.25 0.00	17.43 0.66 0.00	23.05 0.94 0.00	31.30 1.37 0.00	58.55 2.50 0.00	46.05 2.02 0.00	49.52 2.20 0.00	49.90 2.24 0.00	47.95 1.99 0.00	28.07 1.13 0.00
ASTORIA_EAST_ENERGY_CC1 323581	38.09 1.91 0.00	27.40 1.32 0.00	30.41 1.34 0.00	28.30 1.17 0.00	28.00 1.29 0.00	37.82 1.56 0.00	52.28 2.19 0.00	64.03 2.86 0.00	49.99 2.51 0.00	34.02 2.02 0.00	28.10 1.90 -0.01	13.78 0.90 0.00	9.21 0.59 -0.37	6.81 0.47 0.00	7.95 0.59 0.00	18.21 1.44 0.00	24.01 1.90 0.00	32.27 2.34 0.00	59.47 3.42 0.00	46.61 2.58 0.00	49.88 2.57 0.00	50.41 2.74 -0.01	48.48 2.52 0.00	28.50 1.55 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	38.09 1.91 0.00	27.40 1.32 0.00	30.41 1.34 0.00	28.30 1.17 0.00	28.00 1.29 0.00	37.81 1.56 0.00	52.28 2.19 0.00	64.03 2.86 0.00	49.99 2.51 0.00	34.02 2.02 0.00	28.10 1.90 -0.01	13.78 0.90 0.00	9.21 0.59 -0.37	6.81 0.47 0.00	7.95 0.59 0.00	18.21 1.44 0.00	24.01 1.90 0.00	32.27 2.33 0.00	59.47 3.42 0.00	46.61 2.58 0.00	49.88 2.57 0.00	50.41 2.74 -0.01	48.48 2.52 0.00	28.50 1.55 -0.01
ASTORIA_GT2_1 24094	38.11 1.93 0.00	27.42 1.33 0.00	30.43 1.35 0.00	28.31 1.18 0.00	28.00 1.29 0.00	37.84 1.58 0.00	52.31 2.22 0.00	64.05 2.89 0.00	50.00 2.53 0.00	34.07 2.07 0.00	28.12 1.92 -0.01	13.78 0.90 0.00	9.21 0.59 -0.37	6.81 0.47 0.00	7.95 0.58 0.00	18.22 1.45 0.00	24.02 1.91 0.00	32.29 2.36 0.00	59.46 3.42 0.00	46.61 2.58 0.00	49.89 2.58 0.00	50.42 2.76 -0.01	48.46 2.49 0.00	28.50 1.56 -0.01
ASTORIA_GT2_2 24095	38.11 1.93 0.00	27.42 1.33 0.00	30.43 1.35 0.00	28.31 1.18 0.00	28.00 1.29 0.00	37.84 1.58 0.00	52.31 2.22 0.00	64.05 2.89 0.00	50.00 2.53 0.00	34.07 2.07 0.00	28.12 1.92 -0.01	13.78 0.90 0.00	9.21 0.59 -0.37	6.81 0.47 0.00	7.95 0.58 0.00	18.22 1.45 0.00	24.02 1.91 0.00	32.29 2.36 0.00	59.46 3.42 0.00	46.61 2.58 0.00	49.89 2.58 0.00	50.42 2.76 -0.01	48.46 2.49 0.00	28.50 1.56 -0.01
ASTORIA_GT2_3 24096	38.11 1.93 0.00	27.42 1.33 0.00	30.43 1.35 0.00	28.31 1.18 0.00	28.00 1.29 0.00	37.84 1.58 0.00	52.31 2.22 0.00	64.05 2.89 0.00	50.00 2.53 0.00	34.07 2.07 0.00	28.12 1.92 -0.01	13.78 0.90 0.00	9.21 0.59 -0.37	6.81 0.47 0.00	7.95 0.58 0.00	18.22 1.45 0.00	24.02 1.91 0.00	32.29 2.36 0.00	59.46 3.42 0.00	46.61 2.58 0.00	49.89 2.58 0.00	50.42 2.76 -0.01	48.46 2.49 0.00	28.50 1.56 -0.01
ASTORIA_GT2_4 24097	38.11 1.93 0.00	27.42 1.33 0.00	30.43 1.35 0.00	28.31 1.18 0.00	28.00 1.29 0.00	37.84 1.58 0.00	52.31 2.22 0.00	64.05 2.89 0.00	50.00 2.53 0.00	34.07 2.07 0.00	28.12 1.92 -0.01	13.78 0.90 0.00	9.21 0.59 -0.37	6.81 0.47 0.00	7.95 0.58 0.00	18.22 1.45 0.00	24.02 1.91 0.00	32.29 2.36 0.00	59.46 3.42 0.00	46.61 2.58 0.00	49.89 2.58 0.00	50.42 2.76 -0.01	48.46 2.49 0.00	28.50 1.56 -0.01
ASTORIA_GT3_1 24098	38.11 1.93 0.00	27.42 1.33 0.00	30.43 1.35 0.00	28.31 1.18 0.00	28.00 1.29 0.00	37.84 1.58 0.00	52.31 2.22 0.00	64.05 2.89 0.00	50.00 2.53 0.00	34.07 2.07 0.00	28.12 1.92 -0.01	13.78 0.90 0.00	9.21 0.59 -0.37	6.81 0.47 0.00	7.95 0.58 0.00	18.22 1.45 0.00	24.02 1.91 0.00	32.29 2.36 0.00	59.46 3.42 0.00	46.61 2.58 0.00	49.89 2.58 0.00	50.42 2.76 -0.01	48.46 2.49 0.00	28.50 1.56 -0.01
ASTORIA_GT3_2 24099	38.11 1.93 0.00	27.42 1.33 0.00	30.43 1.35 0.00	28.31 1.18 0.00	28.00 1.29 0.00	37.84 1.58 0.00	52.31 2.22 0.00	64.05 2.89 0.00	50.00 2.53 0.00	34.07 2.07 0.00	28.12 1.92 -0.01	13.78 0.90 0.00	9.21 0.59 -0.37	6.81 0.47 0.00	7.95 0.58 0.00	18.22 1.45 0.00	24.02 1.91 0.00	32.29 2.36 0.00	59.46 3.42 0.00	46.61 2.58 0.00	49.89 2.58 0.00	50.42 2.76 -0.01	48.46 2.49 0.00	28.50 1.56 -0.01
ASTORIA_GT3_3 24100	38.11 1.93 0.00	27.42 1.33 0.00	30.43 1.35 0.00	28.31 1.18 0.00	28.00 1.29 0.00	37.84 1.58 0.00	52.31 2.22 0.00	64.05 2.89 0.00	50.00 2.53 0.00	34.07 2.07 0.00	28.12 1.92 -0.01	13.78 0.90 0.00	9.21 0.59 -0.37	6.81 0.47 0.00	7.95 0.58 0.00	18.22 1.45 0.00	24.02 1.91 0.00	32.29 2.36 0.00	59.46 3.42 0.00	46.61 2.58 0.00	49.89 2.58 0.00	50.42 2.76 -0.01	48.46 2.49 0.00	28.50 1.56 -0.01
ASTORIA_GT3_4 24101	38.11 1.93 0.00	27.42 1.33 0.00	30.43 1.35 0.00	28.31 1.18 0.00	28.00 1.29 0.00	37.84 1.58 0.00	52.31 2.22 0.00	64.05 2.89 0.00	50.00 2.53 0.00	34.07 2.07 0.00	28.12 1.92 -0.01	13.78 0.90 0.00	9.21 0.59 -0.37	6.81 0.47 0.00	7.95 0.58 0.00	18.22 1.45 0.00	24.02 1.91 0.00	32.29 2.36 0.00	59.46 3.42 0.00	46.61 2.58 0.00	49.89 2.58 0.00	50.42 2.76 -0.01	48.46 2.49 0.00	28.50 1.56 -0.01
ASTORIA_GT4_1 24102	38.11 1.93 0.00	27.42 1.33 0.00	30.43 1.35 0.00	28.31 1.18 0.00	28.00 1.29 0.00	37.84 1.58 0.00	52.31 2.22 0.00	64.05 2.89 0.00	50.00 2.53 0.00	34.07 2.07 0.00	28.12 1.92 -0.01	13.78 0.90 0.00	9.21 0.59 -0.37	6.81 0.47 0.00	7.95 0.58 0.00	18.22 1.45 0.00	24.02 1.91 0.00	32.29 2.36 0.00	59.46 3.42 0.00	46.61 2.58 0.00	49.89 2.58 0.00	50.42 2.76 -0.01	48.46 2.49 0.00	28.50 1.56 -0.01
ASTORIA_GT4_2 24103	38.11 1.93 0.00	27.42 1.33 0.00	30.43 1.35 0.00	28.31 1.18 0.00	28.00 1.29 0.00	37.84 1.58 0.00	52.31 2.22 0.00	64.05 2.89 0.00	50.00 2.53 0.00	34.07 2.07 0.00	28.12 1.92 -0.01	13.78 0.90 0.00	9.21 0.59 -0.37	6.81 0.47 0.00	7.95 0.58 0.00	18.22 1.45 0.00	24.02 1.91 0.00	32.29 2.36 0.00	59.46 3.42 0.00	46.61 2.58 0.00	49.89 2.58 0.00	50.42 2.76 -0.01	48.46 2.49 0.00	28.50 1.56 -0.01
ASTORIA_GT4_3 24104	38.11 1.93 0.00	27.42 1.33 0.00	30.43 1.35 0.00	28.31 1.18 0.00	28.00 1.29 0.00	37.84 1.58 0.00	52.31 2.22 0.00	64.05 2.89 0.00	50.00 2.53 0.00	34.07 2.07 0.00	28.12 1.92 -0.01	13.78 0.90 0.00	9.21 0.59 -0.37	6.81 0.47 0.00	7.95 0.58 0.00	18.22 1.45 0.00	24.02 1.91 0.00	32.29 2.36 0.00	59.46 3.42 0.00	46.61 2.58 0.00	49.89 2.58 0.00	50.42 2.76 -0.01	48.46 2.49 0.00	28.50 1.56 -0.01

ASTORIA_GT4_4 24105	38.11 1.93 0.00	27.42 1.33 0.00	30.43 1.35 0.00	28.31 1.18 0.00	28.00 1.29 0.00	37.84 1.58 0.00	52.31 2.22 0.00	64.05 2.89 0.00	50.00 2.53 0.00	34.07 2.07 0.00	28.12 1.92 -0.01	13.78 0.90 0.00	9.21 0.59 -0.37	6.81 0.47 0.00	7.95 0.58 0.00	18.22 1.45 0.00	24.02 1.91 0.00	32.29 2.36 0.00	59.46 3.42 0.00	46.61 2.58 0.00	49.89 2.58 0.00	50.42 2.76 -0.01	48.46 2.49 0.00	28.50 1.56 -0.01
ASTORIA_GT_1 23523	38.16 1.99 0.00	27.45 1.36 0.00	30.47 1.39 0.00	28.34 1.21 0.00	28.04 1.33 0.00	37.89 1.62 0.00	52.39 2.30 0.00	64.16 3.00 0.00	50.09 2.61 0.00	34.13 2.13 0.00	28.16 1.96 -0.01	13.80 0.93 0.00	9.23 0.61 -0.37	6.82 0.48 0.00	7.97 0.60 0.00	18.24 1.47 0.00	24.06 1.95 0.00	32.35 2.41 0.00	59.56 3.52 0.00	46.69 2.66 0.00	49.98 2.67 0.00	50.51 2.84 -0.01	48.54 2.57 0.00	28.55 1.60 -0.01
ASTORIA_GT_10 24110	38.14 1.96 0.00	27.44 1.36 0.00	30.45 1.37 0.00	28.33 1.20 0.00	28.02 1.31 0.00	37.94 1.68 0.00	52.44 2.35 0.00	64.06 2.90 0.00	49.90 2.42 0.00	34.02 2.02 0.00	28.11 1.91 -0.01	13.77 0.90 0.00	11.52 0.60 -2.67	6.81 0.48 0.00	7.96 0.59 0.00	18.24 1.46 0.00	24.06 1.95 0.00	32.38 2.45 0.00	59.60 3.55 0.00	46.63 2.60 0.00	49.93 2.61 0.00	50.59 2.93 -0.01	48.66 2.69 0.00	28.59 1.64 -0.01
ASTORIA_GT_11 24225	38.14 1.96 0.00	27.44 1.36 0.00	30.45 1.37 0.00	28.33 1.20 0.00	28.02 1.31 0.00	37.94 1.68 0.00	52.44 2.35 0.00	64.06 2.90 0.00	49.90 2.42 0.00	34.02 2.02 0.00	28.11 1.91 -0.01	13.77 0.90 0.00	11.52 0.60 -2.67	6.81 0.48 0.00	7.96 0.59 0.00	18.24 1.46 0.00	24.06 1.95 0.00	32.38 2.45 0.00	59.60 3.55 0.00	46.63 2.60 0.00	49.93 2.61 0.00	50.59 2.93 -0.01	48.66 2.69 0.00	28.59 1.64 -0.01
ASTORIA_GT_12 24226	38.14 1.96 0.00	27.44 1.36 0.00	30.45 1.37 0.00	28.33 1.20 0.00	28.02 1.31 0.00	37.94 1.68 0.00	52.44 2.35 0.00	64.06 2.90 0.00	49.90 2.42 0.00	34.02 2.02 0.00	28.11 1.91 -0.01	13.77 0.90 0.00	11.52 0.60 -2.67	6.81 0.48 0.00	7.96 0.59 0.00	18.24 1.46 0.00	24.06 1.95 0.00	32.38 2.45 0.00	59.60 3.55 0.00	46.63 2.60 0.00	49.93 2.61 0.00	50.59 2.93 -0.01	48.66 2.69 0.00	28.59 1.64 -0.01
ASTORIA_GT_13 24227	38.14 1.96 0.00	27.44 1.36 0.00	30.45 1.37 0.00	28.33 1.20 0.00	28.02 1.31 0.00	37.94 1.68 0.00	52.44 2.35 0.00	64.06 2.90 0.00	49.90 2.42 0.00	34.02 2.02 0.00	28.11 1.91 -0.01	13.77 0.90 0.00	11.52 0.60 -2.67	6.81 0.48 0.00	7.96 0.59 0.00	18.24 1.46 0.00	24.06 1.95 0.00	32.38 2.45 0.00	59.60 3.55 0.00	46.63 2.60 0.00	49.93 2.61 0.00	50.59 2.93 -0.01	48.66 2.69 0.00	28.59 1.64 -0.01
ASTORIA_GT_5 24106	38.16 1.99 0.00	27.45 1.36 0.00	30.47 1.39 0.00	28.34 1.21 0.00	28.04 1.33 0.00	37.89 1.62 0.00	52.39 2.30 0.00	64.16 3.00 0.00	50.09 2.61 0.00	34.13 2.13 0.00	28.16 1.96 -0.01	13.80 0.93 0.00	9.23 0.61 -0.37	6.82 0.48 0.00	7.97 0.60 0.00	18.24 1.47 0.00	24.06 1.95 0.00	32.35 2.41 0.00	59.56 3.52 0.00	46.69 2.66 0.00	49.98 2.67 0.00	50.51 2.84 -0.01	48.54 2.57 0.00	28.55 1.60 -0.01
ASTORIA_GT_7 24107	38.16 1.99 0.00	27.45 1.36 0.00	30.47 1.39 0.00	28.34 1.21 0.00	28.04 1.33 0.00	37.89 1.62 0.00	52.39 2.30 0.00	64.16 3.00 0.00	50.09 2.61 0.00	34.13 2.13 0.00	28.16 1.96 -0.01	13.80 0.93 0.00	9.23 0.61 -0.37	6.82 0.48 0.00	7.97 0.60 0.00	18.24 1.47 0.00	24.06 1.95 0.00	32.35 2.41 0.00	59.56 3.52 0.00	46.69 2.66 0.00	49.98 2.67 0.00	50.51 2.84 -0.01	48.54 2.57 0.00	28.55 1.60 -0.01
ASTORIA_GT_8 24108	38.16 1.99 0.00	27.45 1.36 0.00	30.47 1.39 0.00	28.34 1.21 0.00	28.04 1.33 0.00	37.89 1.62 0.00	52.39 2.30 0.00	64.16 3.00 0.00	50.09 2.61 0.00	34.13 2.13 0.00	28.16 1.96 -0.01	13.80 0.93 0.00	9.23 0.61 -0.37	6.82 0.48 0.00	7.97 0.60 0.00	18.24 1.47 0.00	24.06 1.95 0.00	32.35 2.41 0.00	59.56 3.52 0.00	46.69 2.66 0.00	49.98 2.67 0.00	50.51 2.84 -0.01	48.54 2.57 0.00	28.55 1.60 -0.01
ASTORIA___2 24149	38.11 1.93 0.00	27.41 1.33 0.00	30.43 1.35 0.00	28.31 1.17 0.00	28.01 1.30 0.00	37.83 1.57 0.00	52.30 2.22 0.00	64.06 2.90 0.00	50.03 2.55 0.00	34.03 2.03 0.00	28.11 1.91 -0.01	13.78 0.90 0.00	9.21 0.59 -0.37	6.81 0.47 0.00	7.95 0.59 0.00	18.22 1.45 0.00	24.02 1.91 0.00	32.29 2.35 0.00	59.50 3.45 0.00	46.62 2.59 0.00	49.90 2.59 0.00	50.44 2.78 -0.01	48.51 2.55 0.00	28.51 1.57 -0.01
ASTORIA___3 23516	38.14 1.96 0.00	27.44 1.36 0.00	30.45 1.37 0.00	28.33 1.20 0.00	28.02 1.31 0.00	37.94 1.68 0.00	52.44 2.35 0.00	64.07 2.91 0.00	49.91 2.44 0.00	34.00 2.01 0.00	28.11 1.91 -0.01	13.77 0.90 0.00	11.52 0.60 -2.67	6.81 0.47 0.00	7.96 0.60 0.00	18.24 1.46 0.00	24.06 1.95 0.00	32.38 2.44 0.00	59.62 3.57 0.00	46.65 2.63 0.00	49.94 2.62 0.00	50.61 2.94 -0.01	48.69 2.72 0.00	28.60 1.65 -0.01
ASTORIA___4 23517	38.14 1.96 0.00	27.44 1.36 0.00	30.45 1.37 0.00	28.33 1.20 0.00	28.02 1.31 0.00	37.94 1.68 0.00	52.44 2.35 0.00	64.06 2.90 0.00	49.90 2.42 0.00	34.02 2.02 0.00	28.11 1.91 -0.01	13.77 0.90 0.00	11.52 0.60 -2.67	6.81 0.48 0.00	7.96 0.59 0.00	18.24 1.46 0.00	24.06 1.95 0.00	32.38 2.45 0.00	59.59 3.54 0.00	46.63 2.60 0.00	49.93 2.61 0.00	50.59 2.93 -0.01	48.66 2.69 0.00	28.59 1.64 -0.01
ASTORIA___5 23518	38.14 1.96 0.00	27.44 1.36 0.00	30.45 1.37 0.00	28.33 1.20 0.00	28.02 1.31 0.00	37.94 1.68 0.00	52.44 2.35 0.00	64.07 2.91 0.00	49.91 2.44 0.00	34.00 2.01 0.00	28.11 1.91 -0.01	13.77 0.90 0.00	11.52 0.60 -2.67	6.81 0.47 0.00	7.96 0.60 0.00	18.24 1.46 0.00	24.06 1.95 0.00	32.38 2.44 0.00	59.62 3.57 0.00	46.65 2.63 0.00	49.94 2.63 0.00	50.61 2.95 -0.01	48.70 2.73 0.00	28.60 1.65 -0.01
AST_ENERGY_2_CC3 323677	37.98 1.81 0.00	27.34 1.25 0.00	30.38 1.30 0.00	28.26 1.12 0.00	27.90 1.19 0.00	37.80 1.54 0.00	52.24 2.15 0.00	63.88 2.72 0.00	49.71 2.23 0.00	33.85 1.85 0.00	27.97 1.78 0.00	13.71 0.84 0.00	8.81 0.56 0.00	6.78 0.44 0.00	7.93 0.56 0.00	18.16 1.38 0.00	23.97 1.86 0.00	32.30 2.36 0.00	59.46 3.41 0.00	46.52 2.49 0.00	49.80 2.49 0.00	50.47 2.81 0.00	48.57 2.61 0.00	28.50 1.56 0.00
AST_ENERGY_2_CC4 323678	37.98 1.81 0.00	27.34 1.25 0.00	30.38 1.30 0.00	28.26 1.12 0.00	27.90 1.19 0.00	37.80 1.54 0.00	52.24 2.15 0.00	63.88 2.72 0.00	49.71 2.23 0.00	33.85 1.85 0.00	27.97 1.78 0.00	13.71 0.84 0.00	8.81 0.56 0.00	6.78 0.44 0.00	7.93 0.56 0.00	18.16 1.38 0.00	23.97 1.86 0.00	32.30 2.36 0.00	59.46 3.41 0.00	46.52 2.49 0.00	49.80 2.49 0.00	50.47 2.81 0.00	48.57 2.61 0.00	28.50 1.56 0.00

ATHENS_STG_1 23668	37.03 0.85 0.00	26.61 0.53 0.00	29.59 0.51 0.00	27.53 0.39 0.00	27.17 0.45 0.00	36.83 0.57 0.00	50.90 0.81 0.00	62.28 1.12 0.00	48.40 0.92 0.00	32.87 0.88 0.00	27.11 0.92 0.00	13.30 0.43 0.00	8.54 0.29 0.00	6.57 0.23 0.00	7.67 0.30 0.00	17.55 0.78 0.00	23.15 1.04 0.00	31.23 1.29 0.00	57.66 1.62 0.00	45.13 1.10 0.00	48.44 1.12 0.00	48.95 1.29 0.00	47.06 1.10 0.00	27.64 0.70 0.00
ATHENS_STG_2 23670	37.03 0.85 0.00	26.61 0.53 0.00	29.59 0.51 0.00	27.53 0.39 0.00	27.17 0.45 0.00	36.83 0.57 0.00	50.90 0.81 0.00	62.28 1.12 0.00	48.40 0.92 0.00	32.87 0.88 0.00	27.11 0.92 0.00	13.30 0.43 0.00	8.54 0.29 0.00	6.57 0.23 0.00	7.67 0.30 0.00	17.55 0.78 0.00	23.15 1.04 0.00	31.23 1.29 0.00	57.66 1.62 0.00	45.13 1.10 0.00	48.44 1.12 0.00	48.95 1.29 0.00	47.06 1.10 0.00	27.64 0.70 0.00
ATHENS_STG_3 23677	37.03 0.85 0.00	26.61 0.53 0.00	29.59 0.51 0.00	27.53 0.39 0.00	27.17 0.45 0.00	36.83 0.57 0.00	50.90 0.81 0.00	62.28 1.12 0.00	48.40 0.92 0.00	32.87 0.88 0.00	27.11 0.92 0.00	13.30 0.43 0.00	8.54 0.29 0.00	6.57 0.23 0.00	7.67 0.30 0.00	17.55 0.78 0.00	23.15 1.04 0.00	31.23 1.29 0.00	57.66 1.62 0.00	45.13 1.10 0.00	48.44 1.12 0.00	48.95 1.29 0.00	47.06 1.10 0.00	27.64 0.70 0.00
AUBURN___LFGE 323710	34.89 -0.42 0.86	25.81 -0.28 0.00	28.69 -0.25 0.13	26.92 -0.21 0.00	26.07 -0.27 0.37	35.74 -0.30 0.23	48.17 -0.34 1.57	65.22 -0.23 -4.28	45.38 -0.38 1.72	32.81 -0.44 -1.25	26.47 -0.45 -0.72	12.81 -0.25 -0.18	8.08 -0.18 -0.01	6.44 -0.13 -0.24	7.64 -0.14 -0.41	17.32 -0.29 -0.83	22.79 -0.40 -1.08	31.05 -0.43 -1.54	66.04 -0.28 -10.28	47.22 -0.06 -3.25	50.00 -0.23 -2.92	47.45 -0.40 -0.19	33.89 -0.28 11.79	24.84 -0.17 1.93
BABYLON_RES_REC 323704	38.28 2.10 0.00	27.60 1.51 0.00	30.66 1.58 0.00	28.51 1.38 0.00	28.13 1.42 0.00	38.10 1.84 0.00	52.93 2.34 -0.50	63.57 2.40 0.00	49.38 1.90 0.00	33.73 1.73 0.00	27.92 1.73 0.00	13.62 0.75 0.00	8.97 0.48 -0.24	6.70 0.37 0.00	7.85 0.48 0.00	18.02 1.24 0.00	23.97 1.87 0.00	32.26 2.32 0.00	59.12 3.07 0.00	46.43 2.40 0.00	49.76 2.44 0.00	50.27 2.61 0.00	48.42 2.46 0.00	28.43 1.49 0.00
BALL_HILL_WT_PWR 323825	27.81 -3.55 4.81	23.42 -2.43 0.24	24.63 -2.69 1.77	21.68 -2.47 2.98	9.96 -2.43 14.33	17.03 -3.07 16.16	20.32 -4.50 25.27	22.13 -6.61 32.42	11.58 -5.22 30.68	12.25 -3.65 16.10	16.10 -2.89 7.21	9.59 -1.46 1.82	7.32 -0.85 0.07	3.32 -0.64 2.38	2.50 -0.74 4.14	6.69 -1.78 8.31	9.79 -2.47 9.84	11.93 -3.19 14.81	9.62 -5.32 41.11	6.81 -3.63 33.59	-1.40 -4.28 44.43	11.78 -4.70 31.18	1.69 -3.62 40.65	15.03 -2.40 9.52
BARON_WINDS___WT_PWR 323822	24.79 -3.40 7.98	23.92 -2.23 -0.06	26.19 -2.55 0.34	25.41 -2.45 -0.73	9.26 -2.49 14.96	1.21 -3.15 31.90	13.39 -4.74 31.96	-20.77 -7.09 74.84	-33.46 -5.75 75.18	-32.11 -3.81 60.30	-4.86 -3.23 27.83	4.25 -1.57 7.05	6.98 -0.99 0.28	-3.63 -0.75 9.22	-9.51 -0.85 16.02	-17.13 -1.72 32.19	-16.70 -2.39 36.42	-28.54 -2.77 55.71	-43.00 -4.40 94.65	-40.87 -3.09 81.82	-38.80 -3.72 82.40	-43.24 -4.25 86.65	-23.97 -3.97 65.97	-0.77 -2.60 25.11
BARRETT_IC_1 23704	37.93 1.75 0.00	27.38 1.29 0.00	30.45 1.38 0.00	28.31 1.18 0.00	27.90 1.19 0.00	37.70 1.45 0.00	51.89 1.80 0.00	62.85 1.69 0.00	49.09 1.61 0.00	33.60 1.61 0.00	27.84 1.65 0.00	13.61 0.74 0.00	8.97 0.48 -0.24	6.71 0.37 0.00	7.85 0.48 0.00	18.02 1.25 0.00	23.90 1.79 0.00	32.08 2.14 0.00	58.58 2.53 0.00	45.98 1.95 0.00	49.30 1.98 0.00	49.91 2.25 0.00	48.09 2.12 0.00	28.27 1.33 0.00
BARRETT_IC_10 23701	37.93 1.75 0.00	27.38 1.29 0.00	30.45 1.38 0.00	28.31 1.18 0.00	27.90 1.19 0.00	37.70 1.45 0.00	51.89 1.80 0.00	62.85 1.69 0.00	49.09 1.61 0.00	33.60 1.61 0.00	27.84 1.65 0.00	13.61 0.74 0.00	8.97 0.48 -0.24	6.71 0.37 0.00	7.85 0.48 0.00	18.02 1.25 0.00	23.90 1.79 0.00	32.08 2.14 0.00	58.58 2.53 0.00	45.98 1.95 0.00	49.30 1.98 0.00	49.91 2.25 0.00	48.09 2.12 0.00	28.27 1.33 0.00
BARRETT_IC_11 23702	37.93 1.75 0.00	27.38 1.29 0.00	30.45 1.38 0.00	28.31 1.18 0.00	27.90 1.19 0.00	37.70 1.45 0.00	51.89 1.80 0.00	62.85 1.69 0.00	49.09 1.61 0.00	33.60 1.61 0.00	27.84 1.65 0.00	13.61 0.74 0.00	8.97 0.48 -0.24	6.71 0.37 0.00	7.85 0.48 0.00	18.02 1.25 0.00	23.90 1.79 0.00	32.08 2.14 0.00	58.58 2.53 0.00	45.98 1.95 0.00	49.30 1.98 0.00	49.91 2.25 0.00	48.09 2.12 0.00	28.27 1.33 0.00
BARRETT_IC_12 23703	37.93 1.75 0.00	27.38 1.29 0.00	30.45 1.38 0.00	28.31 1.18 0.00	27.90 1.19 0.00	37.70 1.45 0.00	51.89 1.80 0.00	62.85 1.69 0.00	49.09 1.61 0.00	33.60 1.61 0.00	27.84 1.65 0.00	13.61 0.74 0.00	8.97 0.48 -0.24	6.71 0.37 0.00	7.85 0.48 0.00	18.02 1.25 0.00	23.90 1.79 0.00	32.08 2.14 0.00	58.58 2.53 0.00	45.98 1.95 0.00	49.30 1.98 0.00	49.91 2.25 0.00	48.09 2.12 0.00	28.27 1.33 0.00
BARRETT_IC_2 23705	37.93 1.75 0.00	27.38 1.29 0.00	30.45 1.38 0.00	28.31 1.18 0.00	27.90 1.19 0.00	37.70 1.45 0.00	51.89 1.80 0.00	62.85 1.69 0.00	49.09 1.61 0.00	33.60 1.61 0.00	27.84 1.65 0.00	13.61 0.74 0.00	8.97 0.48 -0.24	6.71 0.37 0.00	7.85 0.48 0.00	18.02 1.25 0.00	23.90 1.79 0.00	32.08 2.14 0.00	58.58 2.53 0.00	45.98 1.95 0.00	49.30 1.98 0.00	49.91 2.25 0.00	48.09 2.12 0.00	28.27 1.33 0.00
BARRETT_IC_3 23706	37.93 1.75 0.00	27.38 1.29 0.00	30.45 1.38 0.00	28.31 1.18 0.00	27.90 1.19 0.00	37.70 1.45 0.00	51.89 1.80 0.00	62.85 1.69 0.00	49.09 1.61 0.00	33.60 1.61 0.00	27.84 1.65 0.00	13.61 0.74 0.00	8.97 0.48 -0.24	6.71 0.37 0.00	7.85 0.48 0.00	18.02 1.25 0.00	23.90 1.79 0.00	32.08 2.14 0.00	58.58 2.53 0.00	45.98 1.95 0.00	49.30 1.98 0.00	49.91 2.25 0.00	48.09 2.12 0.00	28.27 1.33 0.00
BARRETT_IC_4 23707	37.93 1.75 0.00	27.38 1.29 0.00	30.45 1.38 0.00	28.31 1.18 0.00	27.90 1.19 0.00	37.70 1.45 0.00	51.89 1.80 0.00	62.85 1.69 0.00	49.09 1.61 0.00	33.60 1.61 0.00	27.84 1.65 0.00	13.61 0.74 0.00	8.97 0.48 -0.24	6.71 0.37 0.00	7.85 0.48 0.00	18.02 1.25 0.00	23.90 1.79 0.00	32.08 2.14 0.00	58.58 2.53 0.00	45.98 1.95 0.00	49.30 1.98 0.00	49.91 2.25 0.00	48.09 2.12 0.00	28.27 1.33 0.00
BARRETT_IC_5 23708	37.93 1.75 0.00	27.38 1.29 0.00	30.45 1.38 0.00	28.31 1.18 0.00	27.90 1.19 0.00	37.70 1.45 0.00	51.89 1.80 0.00	62.85 1.69 0.00	49.09 1.61 0.00	33.60 1.61 0.00	27.84 1.65 0.00	13.61 0.74 0.00	8.97 0.48 -0.24	6.71 0.37 0.00	7.85 0.48 0.00	18.02 1.25 0.00	23.90 1.79 0.00	32.08 2.14 0.00	58.58 2.53 0.00	45.98 1.95 0.00	49.30 1.98 0.00	49.91 2.25 0.00	48.09 2.12 0.00	28.27 1.33 0.00

BARRETT_IC_6 23709	37.93 1.75 0.00	27.38 1.29 0.00	30.45 1.38 0.00	28.31 1.18 0.00	27.90 1.19 0.00	37.70 1.45 0.00	51.89 1.80 0.00	62.85 1.69 0.00	49.09 1.61 0.00	33.60 1.61 0.00	27.84 1.65 0.00	13.61 0.74 0.00	8.97 0.48 -0.24	6.71 0.37 0.00	7.85 0.48 0.00	18.02 1.25 0.00	23.90 1.79 0.00	32.08 2.14 0.00	58.58 2.53 0.00	45.98 1.95 0.00	49.30 1.98 0.00	49.91 2.25 0.00	48.09 2.12 0.00	28.27 1.33 0.00
BARRETT_IC_7 23710	37.93 1.75 0.00	27.38 1.29 0.00	30.45 1.38 0.00	28.31 1.18 0.00	27.90 1.19 0.00	37.71 1.45 0.00	51.89 1.80 0.00	62.84 1.67 0.00	49.06 1.58 0.00	33.61 1.61 0.00	27.84 1.65 0.00	13.61 0.74 0.00	8.97 0.48 -0.24	6.71 0.37 0.00	7.85 0.48 0.00	18.02 1.25 0.00	23.90 1.80 0.00	32.08 2.14 0.00	58.58 2.53 0.00	45.95 1.92 0.00	49.27 1.95 0.00	49.90 2.24 0.00	48.04 2.08 0.00	28.26 1.32 0.00
BARRETT_IC_8 23711	37.93 1.75 0.00	27.38 1.29 0.00	30.45 1.38 0.00	28.31 1.18 0.00	27.90 1.19 0.00	37.70 1.45 0.00	51.89 1.80 0.00	62.85 1.69 0.00	49.09 1.61 0.00	33.60 1.61 0.00	27.84 1.65 0.00	13.61 0.74 0.00	8.97 0.48 -0.24	6.71 0.37 0.00	7.85 0.48 0.00	18.02 1.25 0.00	23.90 1.79 0.00	32.08 2.14 0.00	58.58 2.53 0.00	45.98 1.95 0.00	49.30 1.98 0.00	49.91 2.25 0.00	48.09 2.12 0.00	28.27 1.33 0.00
BARRETT_IC_9 23700	37.93 1.75 0.00	27.38 1.29 0.00	30.45 1.38 0.00	28.31 1.18 0.00	27.90 1.19 0.00	37.70 1.45 0.00	51.89 1.80 0.00	62.85 1.69 0.00	49.09 1.61 0.00	33.60 1.61 0.00	27.84 1.65 0.00	13.61 0.74 0.00	8.97 0.48 -0.24	6.71 0.37 0.00	7.85 0.48 0.00	18.02 1.25 0.00	23.90 1.79 0.00	32.08 2.14 0.00	58.58 2.53 0.00	45.98 1.95 0.00	49.30 1.98 0.00	49.91 2.25 0.00	48.09 2.12 0.00	28.27 1.33 0.00
BARRETT__1 23545	37.93 1.75 0.00	27.38 1.29 0.00	30.45 1.38 0.00	28.31 1.18 0.00	27.90 1.19 0.00	37.70 1.45 0.00	51.89 1.80 0.00	62.85 1.69 0.00	49.09 1.61 0.00	33.60 1.61 0.00	27.84 1.65 0.00	13.61 0.74 0.00	8.97 0.48 -0.24	6.71 0.37 0.00	7.85 0.48 0.00	18.02 1.25 0.00	23.90 1.79 0.00	32.08 2.14 0.00	58.58 2.53 0.00	45.98 1.95 0.00	49.30 1.98 0.00	49.91 2.25 0.00	48.09 2.12 0.00	28.27 1.33 0.00
BARRETT__2 23546	37.93 1.75 0.00	27.38 1.29 0.00	30.45 1.38 0.00	28.31 1.18 0.00	27.90 1.19 0.00	37.70 1.45 0.00	51.89 1.80 0.00	62.85 1.69 0.00	49.09 1.61 0.00	33.60 1.61 0.00	27.84 1.65 0.00	13.61 0.74 0.00	8.97 0.48 -0.24	6.71 0.37 0.00	7.85 0.48 0.00	18.02 1.25 0.00	23.90 1.79 0.00	32.08 2.14 0.00	58.58 2.53 0.00	45.98 1.95 0.00	49.30 1.98 0.00	49.91 2.25 0.00	48.09 2.12 0.00	28.27 1.33 0.00
BATAVIA__115KV_TB1 55881	31.04 -2.63 2.51	24.27 -1.81 0.00	26.77 -1.99 0.32	25.39 -1.75 0.00	22.48 -1.66 2.57	30.16 -2.02 4.08	39.05 -2.71 8.33	35.19 -3.95 22.01	24.26 -3.18 20.05	21.23 -2.75 8.02	20.30 -2.41 3.48	10.75 -1.25 0.87	7.47 -0.74 0.04	4.64 -0.55 1.15	4.74 -0.64 1.99	11.19 -1.58 4.00	14.07 -2.23 5.81	19.41 -2.42 8.12	20.57 -3.57 31.91	28.47 -2.34 13.22	31.63 -2.75 12.94	29.70 -3.17 14.78	19.21 -1.98 24.78	19.06 -1.64 6.24
BAYONEEC__CTG1 323682	37.98 1.81 0.00	27.34 1.25 0.00	30.38 1.31 0.00	28.27 1.14 0.00	27.90 1.19 0.00	37.80 1.54 0.00	52.23 2.14 0.00	63.85 2.69 0.00	49.70 2.23 0.00	33.85 1.85 0.00	27.97 1.78 0.00	13.71 0.84 0.00	7.15 0.56 1.67	6.78 0.45 0.00	7.93 0.56 0.00	18.17 1.39 0.00	23.97 1.87 0.00	32.31 2.37 0.00	59.47 3.42 0.00	46.51 2.49 0.00	49.79 2.47 0.00	50.45 2.79 0.00	48.53 2.57 0.00	28.48 1.54 0.00
BAYONEEC__CTG10 323750	37.98 1.81 0.00	27.34 1.25 0.00	30.38 1.31 0.00	28.27 1.14 0.00	27.90 1.19 0.00	37.80 1.54 0.00	52.23 2.14 0.00	63.85 2.69 0.00	49.70 2.23 0.00	33.85 1.85 0.00	27.97 1.78 0.00	13.71 0.84 0.00	7.15 0.56 1.67	6.78 0.45 0.00	7.93 0.56 0.00	18.17 1.39 0.00	23.97 1.87 0.00	32.31 2.37 0.00	59.47 3.42 0.00	46.51 2.49 0.00	49.79 2.47 0.00	50.45 2.79 0.00	48.53 2.57 0.00	28.48 1.54 0.00
BAYONEEC__CTG2 323683	37.98 1.81 0.00	27.34 1.25 0.00	30.38 1.31 0.00	28.27 1.14 0.00	27.90 1.19 0.00	37.80 1.54 0.00	52.23 2.14 0.00	63.85 2.69 0.00	49.70 2.23 0.00	33.85 1.85 0.00	27.97 1.78 0.00	13.71 0.84 0.00	7.15 0.56 1.67	6.78 0.45 0.00	7.93 0.56 0.00	18.17 1.39 0.00	23.97 1.87 0.00	32.31 2.37 0.00	59.47 3.42 0.00	46.51 2.49 0.00	49.79 2.47 0.00	50.45 2.79 0.00	48.53 2.57 0.00	28.48 1.54 0.00
BAYONEEC__CTG3 323684	37.98 1.81 0.00	27.34 1.25 0.00	30.38 1.31 0.00	28.27 1.14 0.00	27.90 1.19 0.00	37.80 1.54 0.00	52.23 2.14 0.00	63.85 2.69 0.00	49.70 2.23 0.00	33.85 1.85 0.00	27.97 1.78 0.00	13.71 0.84 0.00	7.15 0.56 1.67	6.78 0.45 0.00	7.93 0.56 0.00	18.17 1.39 0.00	23.97 1.87 0.00	32.31 2.37 0.00	59.47 3.42 0.00	46.51 2.49 0.00	49.79 2.47 0.00	50.45 2.79 0.00	48.53 2.57 0.00	28.48 1.54 0.00
BAYONEEC__CTG4 323685	37.98 1.81 0.00	27.34 1.25 0.00	30.38 1.31 0.00	28.27 1.14 0.00	27.90 1.19 0.00	37.80 1.54 0.00	52.23 2.14 0.00	63.85 2.69 0.00	49.70 2.23 0.00	33.85 1.85 0.00	27.97 1.78 0.00	13.71 0.84 0.00	7.15 0.56 1.67	6.78 0.45 0.00	7.93 0.56 0.00	18.17 1.39 0.00	23.97 1.87 0.00	32.31 2.37 0.00	59.47 3.42 0.00	46.51 2.49 0.00	49.79 2.47 0.00	50.45 2.79 0.00	48.53 2.57 0.00	28.48 1.54 0.00
BAYONEEC__CTG5 323686	37.98 1.81 0.00	27.34 1.25 0.00	30.38 1.31 0.00	28.27 1.14 0.00	27.90 1.19 0.00	37.80 1.54 0.00	52.23 2.14 0.00	63.85 2.69 0.00	49.70 2.23 0.00	33.85 1.85 0.00	27.97 1.78 0.00	13.71 0.84 0.00	7.15 0.56 1.67	6.78 0.45 0.00	7.93 0.56 0.00	18.17 1.39 0.00	23.97 1.87 0.00	32.31 2.37 0.00	59.47 3.42 0.00	46.51 2.49 0.00	49.79 2.47 0.00	50.45 2.79 0.00	48.53 2.57 0.00	28.48 1.54 0.00
BAYONEEC__CTG6 323687	37.98 1.81 0.00	27.34 1.25 0.00	30.38 1.31 0.00	28.27 1.14 0.00	27.90 1.19 0.00	37.80 1.54 0.00	52.23 2.14 0.00	63.85 2.69 0.00	49.70 2.23 0.00	33.85 1.85 0.00	27.97 1.78 0.00	13.71 0.84 0.00	7.15 0.56 1.67	6.78 0.45 0.00	7.93 0.56 0.00	18.17 1.39 0.00	23.97 1.87 0.00	32.31 2.37 0.00	59.47 3.42 0.00	46.51 2.49 0.00	49.79 2.47 0.00	50.45 2.79 0.00	48.53 2.57 0.00	28.48 1.54 0.00
BAYONEEC__CTG7 323688	37.98 1.81 0.00	27.34 1.25 0.00	30.38 1.31 0.00	28.27 1.14 0.00	27.90 1.19 0.00	37.80 1.54 0.00	52.23 2.14 0.00	63.85 2.69 0.00	49.70 2.23 0.00	33.85 1.85 0.00	27.97 1.78 0.00	13.71 0.84 0.00	7.15 0.56 1.67	6.78 0.45 0.00	7.93 0.56 0.00	18.17 1.39 0.00	23.97 1.87 0.00	32.31 2.37 0.00	59.47 3.42 0.00	46.51 2.49 0.00	49.79 2.47 0.00	50.45 2.79 0.00	48.53 2.57 0.00	28.48 1.54 0.00

BAYONEEC___CTG8 323689	37.98 1.81 0.00	27.34 1.25 0.00	30.38 1.31 0.00	28.27 1.14 0.00	27.90 1.19 0.00	37.80 1.54 0.00	52.23 2.14 0.00	63.85 2.69 0.00	49.70 2.23 0.00	33.85 1.85 0.00	27.97 1.78 0.00	13.71 0.84 0.00	7.15 0.56 1.67	6.78 0.45 0.00	7.93 0.56 0.00	18.17 1.39 0.00	23.97 1.87 0.00	32.31 2.37 0.00	59.47 3.42 0.00	46.51 2.49 0.00	49.79 2.47 0.00	50.45 2.79 0.00	48.53 2.57 0.00	28.48 1.54 0.00
BAYONEEC___CTG9 323749	37.98 1.81 0.00	27.34 1.25 0.00	30.38 1.31 0.00	28.27 1.14 0.00	27.90 1.19 0.00	37.80 1.54 0.00	52.23 2.14 0.00	63.85 2.69 0.00	49.70 2.23 0.00	33.85 1.85 0.00	27.97 1.78 0.00	13.71 0.84 0.00	7.15 0.56 1.67	6.78 0.45 0.00	7.93 0.56 0.00	18.17 1.39 0.00	23.97 1.87 0.00	32.31 2.37 0.00	59.47 3.42 0.00	46.51 2.49 0.00	49.79 2.47 0.00	50.45 2.79 0.00	48.53 2.57 0.00	28.48 1.54 0.00
BEACON___LESR 323632	37.62 1.45 0.00	27.07 0.98 0.00	30.22 1.15 0.00	28.16 1.03 0.00	27.69 0.98 0.00	37.62 1.36 0.00	51.87 1.78 0.00	63.27 2.11 0.00	49.11 1.64 0.00	33.14 1.14 0.00	27.09 0.90 0.00	13.29 0.41 0.00	8.49 0.23 0.00	6.53 0.19 0.00	7.59 0.23 0.00	17.35 0.57 0.00	22.99 0.88 0.00	31.18 1.25 0.00	58.13 2.08 0.00	45.50 1.47 0.00	49.14 1.82 0.00	49.44 1.78 0.00	47.58 1.61 0.00	27.91 0.97 0.00
BEAVER RIVER___HYD 24048	34.68 -1.50 0.00	24.89 -1.19 0.00	28.00 -1.07 0.00	26.30 -0.84 0.00	25.67 -1.04 0.00	34.93 -1.33 0.00	48.86 -1.23 0.00	59.91 -1.26 0.00	46.16 -1.32 0.00	31.06 -0.93 0.00	25.33 -0.87 0.00	12.25 -0.63 0.00	7.75 -0.50 0.00	5.93 -0.41 0.00	6.81 -0.56 0.00	15.49 -1.28 0.00	20.61 -1.50 0.00	28.26 -1.68 0.00	54.59 -1.46 0.00	43.53 -0.50 0.00	46.15 -1.17 0.00	46.20 -1.46 0.00	44.37 -1.59 0.00	25.73 -1.21 0.00
BEEBEE_GT_13 23619	32.93 -1.76 1.48	24.84 -1.24 0.00	27.47 -1.38 0.23	25.90 -1.24 0.00	24.88 -1.19 0.64	34.42 -1.45 0.39	44.45 -1.87 3.78	46.07 -2.63 12.46	35.22 -2.12 10.13	29.77 -1.75 0.48	24.73 -1.46 0.00	12.14 -0.74 0.00	7.83 -0.42 0.00	6.02 -0.31 0.00	6.99 -0.37 0.00	15.86 -0.92 0.00	20.48 -1.25 0.38	28.09 -1.59 0.26	28.85 -2.12 25.08	39.20 -1.46 3.36	43.63 -1.78 1.91	41.40 -2.07 4.20	26.10 -1.48 18.38	22.30 -1.13 3.50
BENSHRST_27_KV_BENSHRST_1 355998	38.25 2.07 0.00	27.49 1.40 0.00	30.39 1.31 0.00	28.29 1.15 0.00	28.07 1.36 0.00	38.04 1.78 0.00	52.64 2.55 0.00	64.36 3.20 0.00	50.14 2.67 0.00	34.17 2.17 0.00	28.21 2.01 -0.01	13.80 0.92 0.00	14.30 0.62 -5.43	6.83 0.49 0.00	7.99 0.62 0.00	18.30 1.53 0.00	24.14 2.03 0.00	32.53 2.59 0.00	60.02 3.97 0.00	46.99 2.96 0.00	50.35 3.03 0.00	51.03 3.37 -0.01	49.01 3.05 0.00	28.72 1.78 -0.01
BETHLEHEM___GRP 23843	37.30 1.13 0.00	26.83 0.75 0.00	29.96 0.88 0.00	27.92 0.79 0.00	27.45 0.74 0.00	37.25 0.99 0.00	51.28 1.19 0.00	62.55 1.39 0.00	48.59 1.11 0.00	32.86 0.86 0.00	26.90 0.70 0.00	13.21 0.34 0.00	8.45 0.20 0.00	6.49 0.16 0.00	7.56 0.19 0.00	17.27 0.49 0.00	22.84 0.73 0.00	30.91 0.97 0.00	57.52 1.47 0.00	45.00 0.97 0.00	48.61 1.29 0.00	48.98 1.32 0.00	47.12 1.16 0.00	27.67 0.73 0.00
BETHLEHEM___GS1 323560	37.30 1.12 0.00	26.83 0.75 0.00	29.96 0.88 0.00	27.92 0.79 0.00	27.45 0.73 0.00	37.26 0.99 0.00	51.28 1.19 0.00	62.56 1.40 0.00	48.60 1.12 0.00	32.86 0.86 0.00	26.89 0.70 0.00	13.21 0.34 0.00	8.45 0.20 0.00	6.49 0.16 0.00	7.56 0.19 0.00	17.27 0.49 0.00	22.84 0.73 0.00	30.91 0.97 0.00	57.52 1.47 0.00	45.00 0.98 0.00	48.61 1.29 0.00	48.98 1.32 0.00	47.15 1.19 0.00	27.67 0.73 0.00
BETHLEHEM___GS2 323561	37.30 1.12 0.00	26.83 0.75 0.00	29.96 0.88 0.00	27.92 0.79 0.00	27.45 0.73 0.00	37.26 0.99 0.00	51.28 1.19 0.00	62.56 1.40 0.00	48.60 1.12 0.00	32.86 0.86 0.00	26.89 0.70 0.00	13.21 0.34 0.00	8.45 0.20 0.00	6.49 0.16 0.00	7.56 0.19 0.00	17.27 0.49 0.00	22.84 0.73 0.00	30.91 0.97 0.00	57.52 1.47 0.00	45.00 0.98 0.00	48.61 1.29 0.00	48.98 1.32 0.00	47.15 1.19 0.00	27.67 0.73 0.00
BETHLEHEM___GS3 323562	37.30 1.12 0.00	26.83 0.75 0.00	29.96 0.88 0.00	27.92 0.79 0.00	27.45 0.73 0.00	37.26 0.99 0.00	51.28 1.19 0.00	62.56 1.40 0.00	48.60 1.12 0.00	32.86 0.86 0.00	26.89 0.70 0.00	13.21 0.34 0.00	8.45 0.20 0.00	6.49 0.16 0.00	7.56 0.19 0.00	17.27 0.49 0.00	22.84 0.73 0.00	30.91 0.97 0.00	57.52 1.47 0.00	45.00 0.98 0.00	48.61 1.29 0.00	48.98 1.32 0.00	47.15 1.19 0.00	27.67 0.73 0.00
BETHLEHEM___STEEL 23779	29.33 -3.34 3.51	23.79 -2.30 0.00	26.14 -2.52 0.42	24.86 -2.28 0.00	20.31 -2.23 4.17	26.41 -2.81 7.04	33.58 -3.92 12.58	24.04 -5.84 31.28	13.52 -4.58 29.38	14.19 -3.38 14.43	17.13 -2.64 6.42	9.91 -1.34 1.62	7.41 -0.77 0.06	3.65 -0.57 2.12	3.03 -0.66 3.68	7.80 -1.59 7.39	11.03 -2.26 8.82	13.78 -2.97 13.19	14.59 -4.77 36.69	19.26 -3.31 21.46	20.97 -3.87 22.48	19.26 -4.33 24.07	11.56 -3.04 31.35	15.94 -2.23 8.77
BETHLHEM_115KV_TB1 79974	37.08 0.90 0.00	26.70 0.61 0.00	29.79 0.71 0.00	27.76 0.63 0.00	27.31 0.60 0.00	37.05 0.79 0.00	51.06 0.97 0.00	62.32 1.16 0.00	48.38 0.90 0.00	32.70 0.70 0.00	26.77 0.57 0.00	13.15 0.28 0.00	8.41 0.16 0.00	6.47 0.13 0.00	7.53 0.17 0.00	17.19 0.41 0.00	22.70 0.59 0.00	30.74 0.81 0.00	57.30 1.25 0.00	44.86 0.83 0.00	48.35 1.03 0.00	48.76 1.10 0.00	46.96 1.00 0.00	27.55 0.61 0.00
BETHPAGE_CC_5 323564	37.98 1.81 0.00	27.39 1.31 0.00	30.43 1.35 0.00	28.30 1.16 0.00	27.90 1.19 0.00	37.76 1.50 0.00	52.25 1.90 -0.26	63.10 1.94 0.00	49.05 1.57 0.00	33.52 1.52 0.00	27.76 1.57 0.00	13.56 0.68 0.00	8.94 0.45 -0.24	6.68 0.34 0.00	7.82 0.45 0.00	17.97 1.19 0.00	23.87 1.76 0.00	32.05 2.11 0.00	58.70 2.65 0.00	46.08 2.06 0.00	49.38 2.06 0.00	49.90 2.23 0.00	48.08 2.11 0.00	28.26 1.32 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.56 -3.10 3.52	23.94 -2.14 0.00	26.31 -2.34 0.43	25.02 -2.12 0.00	20.60 -2.08 4.04	26.95 -2.58 6.73	33.96 -3.58 12.56	24.72 -5.05 31.39	14.11 -4.00 29.37	15.15 -2.94 13.90	17.74 -2.30 6.16	10.14 -1.18 1.55	7.51 -0.68 0.06	3.82 -0.49 2.03	3.26 -0.57 3.53	8.32 -1.37 7.09	11.69 -1.95 8.47	14.68 -2.60 12.66	16.46 -4.15 35.43	20.62 -2.77 20.64	22.22 -3.31 21.79	20.44 -3.78 23.45	11.97 -2.58 31.41	16.31 -1.95 8.68
BINGHAMTON___COGEN 23790	38.61 -0.56 -2.99	25.77 -0.32 0.00	29.12 -0.41 -0.46	26.74 -0.40 0.00	27.64 -0.36 -1.29	36.67 -0.38 -0.78	57.12 -0.57 -7.61	62.22 -0.45 -1.51	59.74 -0.59 -12.85	32.47 -0.45 -0.92	25.84 -0.35 0.00	12.70 -0.17 0.00	8.16 -0.09 0.00	6.28 -0.06 0.00	7.29 -0.08 0.00	16.57 -0.20 0.04	21.70 -0.37 0.04	29.47 -0.44 0.00	55.36 -0.69 0.00	43.58 -0.44 0.00	46.01 -0.66 0.64	53.69 -0.73 -6.76	85.20 -0.62 -39.86	34.19 -0.35 -7.59

BIXINCNT_115KV_LOAD 355685	30.03 -2.63 3.52	24.15 -1.94 0.00	26.61 -2.01 0.46	25.16 -1.97 0.00	21.40 -2.01 3.30	28.92 -2.31 5.03	34.33 -3.22 12.54	24.43 -5.11 31.62	19.82 -4.06 23.60	17.37 -2.68 11.95	18.49 -2.14 5.57	10.29 -1.19 1.40	7.44 -0.75 0.06	3.95 -0.55 1.83	3.55 -0.63 3.18	8.97 -1.40 6.40	12.62 -1.83 7.66	15.99 -2.51 11.44	19.52 -4.12 32.42	23.00 -2.28 18.75	24.22 -2.87 20.23	21.96 -3.65 22.05	11.53 -2.79 31.64	16.46 -2.11 8.37
BLACK RIVER___HYD 24047	34.39 -1.78 0.00	24.69 -1.40 0.00	27.78 -1.30 0.00	26.06 -1.08 0.00	25.45 -1.27 0.00	34.69 -1.57 0.00	48.71 -1.38 0.00	59.79 -1.37 0.00	45.97 -1.51 0.00	30.85 -1.15 0.00	25.16 -1.04 0.00	12.10 -0.78 0.00	7.62 -0.63 0.00	5.83 -0.51 0.00	6.68 -0.69 0.00	15.18 -1.60 0.00	20.25 -1.85 0.00	27.93 -2.00 0.00	54.42 -1.63 0.00	43.62 -0.41 0.00	46.23 -1.09 0.00	46.05 -1.61 0.00	44.03 -1.93 0.00	25.47 -1.47 0.00
BLACKRVR_115KV_TB2 79977	34.39 -1.78 0.00	24.69 -1.40 0.00	27.78 -1.30 0.00	26.06 -1.08 0.00	25.45 -1.27 0.00	34.70 -1.57 0.00	48.71 -1.38 0.00	59.79 -1.37 0.00	45.97 -1.51 0.00	30.85 -1.15 0.00	25.16 -1.04 0.00	12.10 -0.78 0.00	7.62 -0.63 0.00	5.83 -0.51 0.00	6.68 -0.69 0.00	15.18 -1.60 0.00	20.26 -1.85 0.00	27.93 -2.01 0.00	54.42 -1.63 0.00	43.62 -0.41 0.00	46.23 -1.09 0.00	46.06 -1.60 0.00	44.04 -1.92 0.00	25.46 -1.48 0.00
BLDWN_LI_69_KV_BK4 356085	38.11 1.93 0.00	27.48 1.39 0.00	30.53 1.45 0.00	28.38 1.25 0.00	27.99 1.28 0.00	37.91 1.65 0.00	52.21 2.12 0.00	63.37 2.21 0.00	49.32 1.84 0.00	33.72 1.72 0.00	27.90 1.70 0.00	13.63 0.75 0.00	8.98 0.49 -0.24	6.71 0.38 0.00	7.86 0.49 0.00	18.04 1.27 0.00	23.96 1.84 0.00	32.22 2.28 0.00	59.02 2.98 0.00	46.34 2.32 0.00	49.66 2.34 0.00	50.20 2.54 0.00	48.32 2.35 0.00	28.38 1.44 0.00
BLISS_WT_PWR 323608	28.60 -2.71 4.87	23.77 -2.04 0.28	25.03 -2.08 1.97	21.67 -2.09 3.38	9.99 -2.15 14.58	18.81 -2.54 14.92	18.83 -3.43 27.83	23.97 -5.57 31.62	19.47 -4.40 23.60	17.29 -2.75 11.95	18.38 -2.24 5.57	10.22 -1.26 1.40	7.37 -0.83 0.06	3.90 -0.61 1.83	3.49 -0.69 3.18	8.85 -1.52 6.40	12.54 -1.91 7.66	15.84 -2.58 11.51	16.58 -4.34 35.13	9.49 -2.47 32.06	-2.66 -3.04 46.93	14.40 -3.92 29.34	1.02 -3.23 41.71	15.79 -2.35 8.79
BLUESTONE___WT_PWR 323821	37.17 -0.38 -1.38	25.81 -0.32 -0.05	29.31 -0.21 -0.45	27.83 0.08 -0.61	29.42 0.16 -2.54	39.14 0.78 -2.10	56.30 0.75 -5.46	71.31 0.70 -9.45	55.02 0.00 -7.55	32.06 -0.30 -0.36	26.02 -0.17 0.00	12.75 -0.12 0.00	8.20 -0.06 0.00	6.29 -0.05 0.00	7.27 -0.10 0.00	16.56 -0.21 0.00	21.73 -0.38 0.00	29.83 -0.13 -0.01	56.97 0.47 -0.45	47.10 0.83 -2.24	53.26 0.15 -5.80	51.87 -0.30 -4.51	62.34 -0.12 -16.50	29.82 -0.01 -2.89
BLUE_CIRC_CHEM_DRP 24182	37.26 1.08 0.00	26.83 0.74 0.00	29.94 0.86 0.00	27.92 0.78 0.00	27.44 0.73 0.00	37.25 0.99 0.00	51.30 1.21 0.00	62.58 1.42 0.00	48.50 1.02 0.00	32.67 0.67 0.00	26.71 0.51 0.00	13.13 0.25 0.00	8.40 0.14 0.00	6.46 0.12 0.00	7.51 0.14 0.00	17.15 0.37 0.00	22.66 0.55 0.00	30.79 0.85 0.00	57.50 1.45 0.00	45.01 0.99 0.00	48.53 1.22 0.00	48.93 1.27 0.00	47.11 1.15 0.00	27.65 0.71 0.00
BOC_GAS_DRP 24189	36.95 0.77 0.00	26.61 0.53 0.00	29.68 0.61 0.00	27.67 0.54 0.00	27.22 0.51 0.00	36.92 0.66 0.00	50.87 0.78 0.00	62.09 0.92 0.00	48.23 0.75 0.00	32.61 0.61 0.00	26.71 0.52 0.00	13.14 0.26 0.00	8.40 0.15 0.00	6.46 0.13 0.00	7.53 0.16 0.00	17.17 0.40 0.00	22.66 0.55 0.00	30.67 0.73 0.00	57.11 1.06 0.00	44.70 0.67 0.00	48.17 0.86 0.00	48.59 0.93 0.00	46.78 0.82 0.00	27.46 0.52 0.00
BOONVILLE_115KV_TB1 79983	35.91 -0.26 0.00	25.84 -0.24 0.00	28.93 -0.15 0.00	27.10 -0.04 0.00	26.56 -0.15 0.00	36.12 -0.14 0.00	50.27 0.17 0.00	61.50 0.34 0.00	47.47 -0.01 0.00	31.88 -0.12 0.00	26.03 -0.17 0.00	12.69 -0.18 0.00	8.08 -0.17 0.00	6.20 -0.13 0.00	7.18 -0.19 0.00	16.37 -0.40 0.00	21.70 -0.41 0.00	29.62 -0.31 0.00	56.39 0.34 0.00	44.57 0.54 0.00	47.54 0.22 0.00	47.71 0.05 0.00	45.91 -0.05 0.00	26.75 -0.19 0.00
BORALEX_4TH_BRANCH 23824	37.63 1.45 0.00	26.96 0.87 0.00	30.19 1.11 0.00	28.17 1.03 0.00	27.59 0.88 0.00	37.50 1.24 0.00	51.24 1.14 0.00	62.46 1.30 0.00	48.53 1.06 0.00	33.06 1.06 0.00	26.92 0.73 0.00	13.21 0.34 0.00	8.42 0.16 0.00	6.48 0.14 0.00	7.53 0.17 0.00	17.24 0.47 0.00	22.94 0.83 0.00	30.94 1.01 0.00	57.40 1.35 0.00	44.75 0.73 0.00	48.71 1.39 0.00	49.03 1.37 0.00	47.09 1.13 0.00	27.67 0.73 0.00
BOWLINE___1 23526	37.51 1.34 0.00	26.98 0.90 0.00	30.00 0.92 0.00	27.91 0.78 0.00	27.55 0.84 0.00	37.34 1.08 0.00	51.61 1.52 0.00	63.17 2.00 0.00	49.08 1.60 0.00	33.34 1.34 0.00	27.48 1.29 0.00	13.47 0.59 0.00	8.64 0.39 0.00	6.65 0.32 0.00	7.78 0.41 0.00	17.82 1.04 0.00	23.50 1.40 0.00	31.71 1.77 0.00	58.56 2.51 0.00	45.85 1.82 0.00	49.12 1.81 0.00	49.65 1.99 0.00	47.80 1.84 0.00	28.03 1.09 0.00
BOWLINE___2 23595	37.51 1.34 0.00	26.98 0.90 0.00	30.00 0.93 0.00	27.91 0.78 0.00	27.55 0.84 0.00	37.34 1.08 0.00	51.61 1.52 0.00	63.17 2.00 0.00	49.08 1.60 0.00	33.34 1.34 0.00	27.48 1.29 0.00	13.47 0.59 0.00	8.64 0.39 0.00	6.65 0.32 0.00	7.78 0.41 0.00	17.82 1.04 0.00	23.50 1.40 0.00	31.71 1.77 0.00	58.56 2.51 0.00	45.85 1.82 0.00	49.12 1.81 0.00	49.65 1.99 0.00	47.81 1.84 0.00	28.03 1.09 0.00
BRADY___115KV_TB2 356060	36.52 0.34 0.00	26.27 0.19 0.00	29.35 0.27 0.00	27.46 0.32 0.00	27.00 0.29 0.00	36.78 0.52 0.00	51.09 1.00 0.00	62.49 1.32 0.00	48.47 0.99 0.00	32.59 0.59 0.00	26.54 0.35 0.00	12.96 0.08 0.00	8.28 0.03 0.00	6.31 -0.03 0.00	7.31 -0.06 0.00	16.51 -0.26 0.00	21.75 -0.36 0.00	29.37 -0.57 0.00	55.72 -0.33 0.00	44.33 0.31 0.00	47.59 0.28 0.00	48.09 0.43 0.00	46.29 0.32 0.00	27.14 0.20 0.00
BRANSCOMB___SOLAR 323811	37.56 1.39 0.00	26.97 0.89 0.00	30.10 1.02 0.00	28.06 0.93 0.00	27.60 0.89 0.00	37.57 1.31 0.00	51.83 1.74 0.00	63.26 2.10 0.00	48.99 1.52 0.00	32.96 0.96 0.00	26.80 0.61 0.00	13.09 0.21 0.00	8.33 0.08 0.00	6.40 0.06 0.00	7.45 0.08 0.00	17.03 0.26 0.00	22.68 0.57 0.00	30.97 1.03 0.00	58.02 1.97 0.00	45.39 1.36 0.00	49.14 1.83 0.00	49.41 1.75 0.00	47.45 1.49 0.00	27.80 0.85 0.00
BRDGHMPT_69_KV_BK1 55812	38.94 2.76 0.00	28.25 2.17 0.00	31.40 2.32 0.00	29.22 2.08 0.00	28.86 2.14 0.00	39.15 2.88 0.00	55.84 3.54 -2.21	64.64 3.48 0.00	50.07 2.60 0.00	34.16 2.17 0.00	28.25 2.06 0.00	13.73 0.86 0.00	9.05 0.56 -0.24	6.73 0.39 0.00	7.88 0.51 0.00	18.15 1.38 0.00	24.32 2.21 0.00	32.91 2.97 0.00	60.31 4.26 0.00	47.36 3.34 0.00	50.80 3.49 0.00	51.06 3.40 0.00	48.94 2.98 0.00	28.10 1.16 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	38.42 2.25 0.00	27.71 1.62 0.00	30.79 1.72 0.00	28.64 1.50 0.00	28.25 1.54 0.00	38.26 2.00 0.00	54.63 2.48 -2.06	63.43 2.27 0.00	49.32 1.84 0.00	33.78 1.78 0.00	28.00 1.81 0.00	13.65 0.78 0.00	8.99 0.50 -0.24	6.72 0.38 0.00	7.86 0.49 0.00	18.07 1.30 0.00	24.07 1.96 0.00	32.42 2.48 0.00	59.25 3.20 0.00	46.50 2.47 0.00	49.82 2.51 0.00	50.35 2.69 0.00	48.49 2.53 0.00	28.50 1.56 0.00
BRISTLHL_115KV_TB1 79998	35.04 -1.14 0.00	25.31 -0.78 0.00	28.19 -0.88 0.00	26.32 -0.82 0.00	25.92 -0.79 0.00	35.22 -1.04 0.00	48.91 -1.18 0.00	59.82 -1.34 0.00	46.29 -1.19 0.00	31.05 -0.95 0.00	25.34 -0.85 0.00	12.43 -0.44 0.00	7.95 -0.30 0.00	6.12 -0.22 0.00	7.11 -0.25 0.00	16.16 -0.61 0.00	21.22 -0.89 0.00	28.81 -1.12 0.00	54.27 -1.78 0.00	42.76 -1.28 0.00	45.85 -1.46 0.00	46.08 -1.58 0.00	44.43 -1.54 0.00	26.00 -0.93 0.00
BROOKHAVEN__DRP 24191	38.30 2.13 0.00	27.73 1.65 0.00	30.81 1.73 0.00	28.66 1.53 0.00	28.29 1.58 0.00	38.32 2.06 0.00	54.70 2.37 -2.24	63.23 2.07 0.00	49.05 1.57 0.00	33.58 1.58 0.00	27.84 1.64 0.00	13.55 0.68 0.00	8.93 0.45 -0.24	6.66 0.32 0.00	7.79 0.42 0.00	17.93 1.16 0.00	23.99 1.88 0.00	32.37 2.44 0.00	59.20 3.15 0.00	46.42 2.39 0.00	49.80 2.48 0.00	50.15 2.49 0.00	48.22 2.25 0.00	28.21 1.27 0.00
BROOKLYN_NAVY_YARD 23515	37.95 1.77 0.00	27.32 1.24 0.00	30.37 1.29 0.00	28.26 1.12 0.00	27.90 1.19 0.00	37.79 1.54 0.00	52.20 2.11 0.00	63.82 2.66 0.00	49.68 2.21 0.00	33.83 1.83 0.00	27.96 1.77 0.00	13.71 0.84 0.00	9.07 0.56 -0.26	6.78 0.44 0.00	7.92 0.55 0.00	18.15 1.38 0.00	23.96 1.85 0.00	32.28 2.34 0.00	59.43 3.38 0.00	46.50 2.48 0.00	49.78 2.46 0.00	50.40 2.74 0.00	48.48 2.52 0.00	28.46 1.52 0.00
BROOKLYN__ARMY_DRP 323595	38.07 1.89 0.00	27.37 1.29 0.00	30.27 1.19 0.00	28.18 1.04 0.00	27.96 1.25 0.00	37.88 1.62 0.00	52.39 2.30 0.00	64.06 2.90 0.00	49.91 2.43 0.00	34.01 2.02 0.00	28.07 1.87 0.00	13.73 0.86 0.00	5.81 0.58 3.02	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.37 2.43 0.00	59.70 3.65 0.00	46.75 2.72 0.00	50.08 2.76 0.00	50.76 3.09 -0.01	48.77 2.81 0.00	28.59 1.64 -0.01
BROOME_2_LFGE 323671	39.04 -0.56 -3.43	25.86 -0.32 -0.09	29.62 -0.41 -0.95	27.84 -0.40 -1.10	31.31 -0.36 -4.96	39.88 -0.39 -4.00	61.68 -0.59 -12.17	62.19 -0.48 -1.51	59.70 -0.63 -12.85	32.47 -0.45 -0.92	25.84 -0.35 0.00	12.70 -0.17 0.00	8.16 -0.09 0.00	6.28 -0.06 0.00	7.29 -0.08 0.00	16.57 -0.21 0.00	21.70 -0.37 0.04	29.48 -0.45 0.01	56.14 -0.71 -0.80	47.52 -0.46 -3.95	53.87 -0.69 -7.24	55.83 -0.75 -8.93	88.14 -0.67 -42.85	34.31 -0.35 -7.72
BROOME__LFGE 323600	39.04 -0.56 -3.43	25.86 -0.32 -0.09	29.62 -0.41 -0.95	27.84 -0.40 -1.10	31.31 -0.36 -4.96	39.88 -0.39 -4.00	61.68 -0.59 -12.17	62.19 -0.48 -1.51	59.70 -0.63 -12.85	32.47 -0.45 -0.92	25.84 -0.35 0.00	12.70 -0.17 0.00	8.16 -0.09 0.00	6.28 -0.06 0.00	7.29 -0.08 0.00	16.57 -0.21 0.00	21.70 -0.37 0.04	29.48 -0.45 0.01	56.14 -0.71 -0.80	47.52 -0.46 -3.95	53.87 -0.69 -7.24	55.83 -0.75 -8.93	88.14 -0.67 -42.85	34.31 -0.35 -7.72
BROWNFLS_115KV_TB 3_5 80003	35.09 -1.08 0.00	25.21 -0.88 0.00	28.28 -0.79 0.00	26.52 -0.62 0.00	25.97 -0.74 0.00	35.35 -0.92 0.00	49.29 -0.80 0.00	60.43 -0.73 0.00	46.71 -0.76 0.00	31.43 -0.57 0.00	25.60 -0.59 0.00	12.43 -0.44 0.00	7.89 -0.36 0.00	6.03 -0.31 0.00	6.94 -0.43 0.00	15.70 -1.07 0.00	20.81 -1.29 0.00	28.34 -1.59 0.00	54.30 -1.75 0.00	43.22 -0.81 0.00	46.02 -1.29 0.00	46.36 -1.30 0.00	44.60 -1.37 0.00	25.98 -0.96 0.00
BROWNSV1_27_KV_LOAD 356125	38.31 2.13 0.00	27.56 1.48 0.00	30.62 1.55 0.00	28.49 1.36 0.00	28.12 1.41 0.00	38.13 1.87 0.00	52.71 2.62 0.00	64.46 3.30 0.00	50.16 2.68 0.00	34.17 2.17 0.00	28.22 2.03 0.00	13.83 0.95 0.00	8.88 0.64 0.00	6.84 0.50 0.00	7.99 0.63 0.00	18.31 1.54 0.00	24.17 2.06 0.00	32.59 2.65 0.00	60.00 3.95 0.00	46.95 2.92 0.00	50.27 2.95 0.00	50.89 3.23 0.00	48.93 2.97 0.00	28.71 1.77 0.00
BURROWS__LYONSDAL 23803	35.53 -0.65 0.00	25.55 -0.54 0.00	28.65 -0.43 0.00	26.87 -0.27 0.00	26.29 -0.42 0.00	35.74 -0.52 0.00	49.80 -0.29 0.00	60.98 -0.18 0.00	47.03 -0.45 0.00	31.62 -0.38 0.00	25.81 -0.38 0.00	12.56 -0.31 0.00	7.99 -0.26 0.00	6.13 -0.21 0.00	7.08 -0.29 0.00	16.14 -0.64 0.00	21.41 -0.70 0.00	29.27 -0.67 0.00	55.91 -0.14 0.00	44.27 0.25 0.00	47.12 -0.20 0.00	47.25 -0.41 0.00	45.46 -0.50 0.00	26.45 -0.49 0.00
CAITHNESS_CC_1 323624	38.23 2.05 0.00	27.66 1.58 0.00	30.74 1.66 0.00	28.59 1.45 0.00	28.22 1.51 0.00	38.21 1.95 0.00	54.60 2.25 -2.26	63.12 1.96 0.00	49.00 1.52 0.00	33.53 1.54 0.00	27.80 1.61 0.00	13.54 0.66 0.00	8.92 0.44 -0.24	6.65 0.31 0.00	7.79 0.42 0.00	17.92 1.15 0.00	23.95 1.84 0.00	32.30 2.36 0.00	59.05 3.00 0.00	46.32 2.29 0.00	49.69 2.38 0.00	50.07 2.41 0.00	48.19 2.22 0.00	28.21 1.27 0.00
CALPINE BETH_PAGE_GT4 24209	37.97 1.79 0.00	27.38 1.29 0.00	30.41 1.33 0.00	28.28 1.14 0.00	27.87 1.15 0.00	37.74 1.48 0.00	51.97 1.88 0.00	63.07 1.91 0.00	49.01 1.53 0.00	33.52 1.52 0.00	27.76 1.57 0.00	13.56 0.69 0.00	8.95 0.46 -0.24	6.69 0.35 0.00	7.83 0.46 0.00	17.99 1.21 0.00	23.89 1.78 0.00	32.02 2.08 0.00	58.61 2.56 0.00	46.00 1.97 0.00	49.28 1.96 0.00	49.81 2.15 0.00	47.97 2.01 0.00	28.25 1.31 0.00
CALPINE_BETH_PAGE_GT_4 323586	37.97 1.79 0.00	27.37 1.29 0.00	30.41 1.33 0.00	28.28 1.14 0.00	27.87 1.16 0.00	37.73 1.47 0.00	51.97 1.88 0.00	63.08 1.92 0.00	49.04 1.56 0.00	33.51 1.51 0.00	27.76 1.57 0.00	13.56 0.69 0.00	8.95 0.46 -0.24	6.69 0.35 0.00	7.83 0.46 0.00	17.99 1.21 0.00	23.89 1.78 0.00	32.01 2.07 0.00	58.62 2.57 0.00	46.02 1.99 0.00	49.31 1.99 0.00	49.83 2.17 0.00	48.02 2.06 0.00	28.26 1.32 0.00
CALPINE_BP_GT1 23823	37.97 1.79 0.00	27.37 1.29 0.00	30.41 1.33 0.00	28.28 1.14 0.00	27.87 1.16 0.00	37.73 1.47 0.00	51.97 1.88 0.00	63.08 1.92 0.00	49.04 1.56 0.00	33.51 1.51 0.00	27.76 1.57 0.00	13.56 0.69 0.00	8.95 0.46 -0.24	6.69 0.35 0.00	7.83 0.46 0.00	17.99 1.21 0.00	23.89 1.78 0.00	32.01 2.07 0.00	58.62 2.57 0.00	46.02 1.99 0.00	49.31 1.99 0.00	49.83 2.17 0.00	48.02 2.06 0.00	28.26 1.32 0.00
CALSPAN__DRP 24200	29.33 -3.34 3.51	23.79 -2.30 0.00	26.14 -2.52 0.42	24.86 -2.28 0.00	20.31 -2.23 4.17	26.41 -2.81 7.04	33.58 -3.92 12.58	24.04 -5.84 31.28	13.52 -4.58 29.38	14.19 -3.38 14.43	17.13 -2.64 6.42	9.91 -1.34 1.62	7.41 -0.77 0.06	3.65 -0.57 2.12	3.03 -0.66 3.68	7.80 -1.59 7.39	11.03 -2.26 8.82	13.78 -2.97 13.19	14.59 -4.77 36.69	19.26 -3.31 21.46	20.97 -3.87 22.48	19.26 -4.33 24.07	11.56 -3.04 31.35	15.94 -2.23 8.77

CALVERTON__SOLAR 323806	38.40 2.23 0.00	27.81 1.73 0.00	30.90 1.83 0.00	28.75 1.61 0.00	28.38 1.67 0.00	38.44 2.18 0.00	54.85 2.53 -2.23	63.43 2.26 0.00	49.21 1.73 0.00	33.64 1.64 0.00	27.87 1.68 0.00	13.57 0.69 0.00	8.95 0.46 -0.24	6.66 0.32 0.00	7.80 0.43 0.00	17.95 1.17 0.00	24.03 1.92 0.00	32.45 2.51 0.00	59.39 3.34 0.00	46.59 2.56 0.00	49.99 2.67 0.00	50.30 2.64 0.00	48.37 2.41 0.00	28.24 1.30 0.00
CANDIGU_WT_PWR 323617	24.79 -3.40 7.98	23.92 -2.23 -0.06	26.19 -2.55 0.34	25.41 -2.45 -0.73	9.26 -2.49 14.96	1.21 -3.15 31.90	13.39 -4.74 31.96	-20.77 -7.09 74.84	-33.46 -5.75 75.18	-32.11 -3.81 60.30	-4.86 -3.23 27.83	4.25 -1.57 7.05	6.98 -0.99 0.28	-3.63 -0.75 9.22	-9.51 -0.85 16.02	-17.13 -1.72 32.19	-16.70 -2.39 36.42	-28.54 -2.77 55.71	-43.00 -4.40 94.65	-40.87 -3.09 81.82	-38.80 -3.72 82.40	-43.24 -4.25 86.65	-23.97 -3.97 65.97	-0.77 -2.60 25.11
CARR STREET_E_SYR 24060	35.51 -0.67 0.00	25.65 -0.44 0.00	28.55 -0.53 0.00	26.66 -0.48 0.00	26.26 -0.45 0.00	35.69 -0.57 0.00	49.45 -0.64 0.00	60.45 -0.72 0.00	46.78 -0.70 0.00	31.45 -0.55 0.00	25.72 -0.47 0.00	12.65 -0.23 0.00	8.11 -0.14 0.00	6.24 -0.10 0.00	7.25 -0.12 0.00	16.50 -0.27 0.00	21.73 -0.38 0.00	29.50 -0.44 0.00	55.40 -0.65 0.00	43.58 -0.45 0.00	46.73 -0.59 0.00	46.97 -0.69 0.00	45.33 -0.63 0.00	26.56 -0.38 0.00
CARTHAGE__PAPER 23857	34.79 -1.39 0.00	24.97 -1.12 0.00	28.10 -0.98 0.00	26.37 -0.76 0.00	25.75 -0.96 0.00	35.09 -1.17 0.00	49.21 -0.88 0.00	60.35 -0.81 0.00	46.41 -1.07 0.00	31.18 -0.81 0.00	25.40 -0.79 0.00	12.23 -0.64 0.00	7.72 -0.53 0.00	5.90 -0.43 0.00	6.77 -0.60 0.00	15.42 -1.36 0.00	20.54 -1.57 0.00	28.26 -1.67 0.00	54.91 -1.13 0.00	43.91 -0.12 0.00	46.55 -0.76 0.00	46.48 -1.18 0.00	44.54 -1.42 0.00	25.79 -1.15 0.00
CASSADAGA_WT_PWR 323784	27.29 -4.05 4.84	23.04 -2.79 0.27	24.14 -3.04 1.90	21.05 -2.87 3.23	9.58 -2.80 14.33	17.68 -3.52 15.06	17.99 -4.49 27.61	21.66 -6.09 33.42	-41.58 -5.21 83.85	8.60 -3.24 20.16	17.87 -2.45 5.87	10.12 -1.28 1.48	7.43 -0.76 0.06	3.81 -0.59 1.93	3.29 -0.72 3.36	8.42 -1.60 6.75	11.89 -2.16 8.06	15.01 -2.81 12.12	14.72 -5.09 36.24	7.57 -3.75 32.71	-4.26 -4.40 47.18	12.22 -5.23 30.21	0.14 -4.29 41.53	14.10 -2.82 10.03
CE_DUNWOOD__DRP 24194	37.78 1.60 0.00	27.17 1.09 0.00	30.20 1.13 0.00	28.10 0.96 0.00	27.73 1.02 0.00	37.59 1.33 0.00	51.95 1.86 0.00	63.53 2.37 0.00	49.39 1.92 0.00	33.60 1.60 0.00	27.72 1.53 0.00	13.58 0.70 0.00	8.72 0.47 0.00	6.71 0.37 0.00	7.84 0.47 0.00	17.96 1.18 0.00	23.71 1.60 0.00	31.99 2.05 0.00	58.97 2.92 0.00	46.15 2.13 0.00	49.47 2.15 0.00	50.02 2.36 0.00	48.10 2.14 0.00	28.23 1.29 0.00
CE_MILLWOOD__DRP 24193	37.70 1.52 0.00	27.11 1.03 0.00	30.14 1.06 0.00	28.04 0.90 0.00	27.67 0.96 0.00	37.52 1.26 0.00	51.84 1.75 0.00	63.39 2.23 0.00	49.29 1.81 0.00	33.51 1.52 0.00	27.64 1.45 0.00	13.54 0.66 0.00	8.69 0.44 0.00	6.69 0.35 0.00	7.82 0.45 0.00	17.90 1.13 0.00	23.63 1.52 0.00	31.89 1.95 0.00	58.83 2.78 0.00	46.05 2.02 0.00	49.35 2.03 0.00	49.89 2.23 0.00	47.99 2.03 0.00	28.17 1.23 0.00
CE_NYC2_DRP 24202	38.13 1.95 0.00	27.43 1.35 0.00	30.43 1.36 0.00	28.32 1.18 0.00	28.01 1.30 0.00	37.94 1.68 0.00	52.43 2.34 0.00	64.06 2.90 0.00	49.90 2.42 0.00	34.02 2.02 0.00	28.10 1.90 -0.01	13.77 0.89 0.00	11.54 0.60 -2.69	6.81 0.47 0.00	7.96 0.59 0.00	18.24 1.46 0.00	24.06 1.95 0.00	32.39 2.46 0.00	59.61 3.56 0.00	46.64 2.61 0.00	49.94 2.63 0.00	50.60 2.93 -0.01	48.66 2.69 0.00	28.58 1.63 -0.01
CE_NYC_DRP 24195	38.00 1.83 0.00	27.35 1.27 0.00	30.39 1.31 0.00	28.27 1.14 0.00	27.91 1.20 0.00	37.83 1.57 0.00	52.28 2.19 0.00	63.91 2.75 0.00	49.73 2.26 0.00	33.89 1.89 0.00	27.99 1.80 0.00	13.72 0.85 0.00	8.82 0.57 0.00	6.79 0.45 0.00	7.93 0.57 0.00	18.18 1.40 0.00	23.99 1.88 0.00	32.33 2.40 0.00	59.51 3.46 0.00	46.54 2.51 0.00	49.82 2.50 0.00	50.46 2.79 0.00	48.52 2.56 0.00	28.48 1.54 0.00
CHAFFEE__LFGE 323603	28.24 -3.19 4.75	23.63 -2.20 0.26	24.84 -2.41 1.83	21.85 -2.18 3.11	10.47 -2.14 14.10	18.46 -2.68 15.12	20.04 -3.71 26.35	24.15 -5.56 31.45	16.15 -4.43 26.89	15.54 -3.16 13.30	17.66 -2.51 6.02	10.07 -1.28 1.52	7.45 -0.74 0.06	3.82 -0.54 1.98	3.29 -0.63 3.45	8.35 -1.50 6.93	11.71 -2.12 8.28	14.75 -2.75 12.43	14.41 -4.55 37.09	8.76 -3.21 32.06	-1.58 -3.73 45.17	13.88 -4.16 29.62	2.46 -3.03 40.47	15.83 -2.14 8.97
CHATEAUG_35_KV_LOAD 355732	35.47 -0.71 0.00	25.49 -0.59 0.00	28.51 -0.57 0.00	26.68 -0.45 0.00	26.30 -0.41 0.00	35.82 -0.44 0.00	49.70 -0.39 0.00	60.84 -0.32 0.00	47.30 -0.17 0.00	31.86 -0.14 0.00	25.79 -0.40 0.00	12.57 -0.30 0.00	8.07 -0.18 0.00	6.16 -0.18 0.00	7.13 -0.24 0.00	16.15 -0.63 0.00	21.32 -0.79 0.00	28.76 -1.18 0.00	54.25 -1.80 0.00	42.92 -1.11 0.00	46.14 -1.18 0.00	46.61 -1.06 0.00	44.88 -1.08 0.00	26.32 -0.62 0.00
CHATEAUG_WT_PWR 323614	35.47 -0.71 0.00	25.49 -0.59 0.00	28.50 -0.57 0.00	26.68 -0.46 0.00	26.30 -0.41 0.00	35.83 -0.44 0.00	49.69 -0.40 0.00	60.78 -0.39 0.00	47.27 -0.20 0.00	31.86 -0.14 0.00	25.83 -0.36 0.00	12.60 -0.27 0.00	8.09 -0.16 0.00	6.18 -0.16 0.00	7.16 -0.21 0.00	16.22 -0.55 0.00	21.41 -0.70 0.00	28.90 -1.03 0.00	54.42 -1.62 0.00	42.94 -1.09 0.00	46.20 -1.12 0.00	46.64 -1.02 0.00	44.94 -1.02 0.00	26.34 -0.60 0.00
CHAT_HIGH_FALL_HYD 323578	35.47 -0.71 0.00	25.49 -0.59 0.00	28.51 -0.57 0.00	26.68 -0.45 0.00	26.30 -0.41 0.00	35.82 -0.44 0.00	49.70 -0.39 0.00	60.84 -0.32 0.00	47.30 -0.17 0.00	31.86 -0.14 0.00	25.79 -0.40 0.00	12.57 -0.30 0.00	8.07 -0.18 0.00	6.16 -0.18 0.00	7.13 -0.24 0.00	16.15 -0.63 0.00	21.32 -0.79 0.00	28.76 -1.18 0.00	54.25 -1.80 0.00	42.92 -1.11 0.00	46.14 -1.18 0.00	46.61 -1.06 0.00	44.88 -1.08 0.00	26.32 -0.62 0.00
CHAUTAUQUA__LFGE 323629	27.66 -3.69 4.82	23.33 -2.50 0.26	24.45 -2.79 1.83	21.42 -2.60 3.11	9.79 -2.53 14.40	17.39 -3.16 15.71	19.08 -4.16 26.85	22.94 -5.78 32.44	-2.85 -4.89 45.43	13.05 -3.13 15.82	17.64 -2.42 6.13	10.10 -1.23 1.55	7.49 -0.70 0.06	3.80 -0.52 2.02	3.24 -0.62 3.51	8.36 -1.36 7.05	11.73 -1.97 8.40	14.66 -2.64 12.64	14.15 -4.59 37.30	7.67 -3.47 32.89	-3.32 -4.06 46.57	12.32 -4.77 30.57	1.11 -3.85 41.00	14.98 -2.46 9.50
CHERRYST_13_KV_LD 356241	38.09 1.91 0.00	27.41 1.32 0.00	30.46 1.38 0.00	28.33 1.20 0.00	27.97 1.26 0.00	37.91 1.66 0.00	52.41 2.32 0.00	64.07 2.91 0.00	49.87 2.40 0.00	33.98 1.99 0.00	28.07 1.88 0.00	13.76 0.89 0.00	8.84 0.59 0.00	6.81 0.47 0.00	7.96 0.59 0.00	18.22 1.45 0.00	24.06 1.95 0.00	32.42 2.49 0.00	59.66 3.61 0.00	46.65 2.63 0.00	49.94 2.63 0.00	50.57 2.91 0.00	48.63 2.67 0.00	28.54 1.60 0.00

CHESTROR_138KV_BK263 355645	37.31 1.14 0.00	26.86 0.77 0.00	29.87 0.80 0.00	27.80 0.67 0.00	27.43 0.72 0.00	37.19 0.93 0.00	51.42 1.33 0.00	62.90 1.73 0.00	48.84 1.36 0.00	33.11 1.11 0.00	27.25 1.06 0.00	13.36 0.48 0.00	8.57 0.32 0.00	6.60 0.26 0.00	7.70 0.33 0.00	17.63 0.85 0.00	23.25 1.14 0.00	31.42 1.48 0.00	58.17 2.11 0.00	45.57 1.55 0.00	48.86 1.55 0.00	49.35 1.69 0.00	47.49 1.53 0.00	27.86 0.92 0.00
CH_MIDHUDSON__DRP 24192	37.68 1.50 0.00	27.09 1.01 0.00	30.12 1.05 0.00	28.04 0.90 0.00	27.65 0.94 0.00	37.51 1.25 0.00	51.85 1.76 0.00	63.42 2.25 0.00	49.28 1.80 0.00	33.44 1.44 0.00	27.52 1.33 0.00	13.48 0.60 0.00	8.63 0.38 0.00	6.64 0.30 0.00	7.75 0.38 0.00	17.75 0.98 0.00	23.47 1.37 0.00	31.75 1.81 0.00	58.68 2.63 0.00	45.95 1.92 0.00	49.32 2.01 0.00	49.82 2.16 0.00	47.89 1.93 0.00	28.10 1.16 0.00
CH_MISC_IPPS 23765	37.83 1.65 0.00	27.20 1.12 0.00	30.24 1.16 0.00	28.14 1.01 0.00	27.77 1.06 0.00	37.68 1.42 0.00	52.12 2.03 0.00	63.78 2.62 0.00	49.55 2.07 0.00	33.55 1.56 0.00	27.60 1.41 0.00	13.51 0.64 0.00	8.66 0.41 0.00	6.66 0.32 0.00	7.78 0.41 0.00	17.82 1.05 0.00	23.56 1.45 0.00	31.88 1.94 0.00	59.01 2.96 0.00	46.23 2.20 0.00	49.60 2.28 0.00	50.07 2.41 0.00	48.15 2.19 0.00	28.23 1.29 0.00
CH_RES_BVR_FALLS 23983	36.00 -0.18 0.00	25.95 -0.14 0.00	28.93 -0.15 0.00	27.02 -0.12 0.00	26.59 -0.12 0.00	36.12 -0.14 0.00	49.95 -0.14 0.00	61.02 -0.14 0.00	47.38 -0.10 0.00	31.92 -0.08 0.00	26.09 -0.11 0.00	12.81 -0.06 0.00	8.21 -0.04 0.00	6.30 -0.04 0.00	7.32 -0.05 0.00	16.63 -0.14 0.00	21.92 -0.19 0.00	29.67 -0.27 0.00	55.65 -0.40 0.00	43.77 -0.26 0.00	47.05 -0.26 0.00	47.42 -0.24 0.00	45.71 -0.26 0.00	26.79 -0.15 0.00
CH_RES_NIAGARA 23895	28.67 -4.42 3.08	22.97 -3.12 0.00	25.31 -3.40 0.37	24.09 -3.05 0.00	20.18 -3.00 3.53	26.50 -3.87 5.89	33.97 -5.38 10.74	26.14 -7.78 27.24	15.97 -6.04 25.46	15.86 -4.43 11.70	17.56 -3.47 5.17	9.82 -1.75 1.31	7.17 -1.03 0.05	3.88 -0.75 1.71	3.53 -0.88 2.96	8.68 -2.14 5.95	11.88 -2.98 7.24	15.27 -3.94 10.73	14.78 -6.65 34.62	21.27 -4.81 17.94	23.50 -5.43 18.39	21.75 -5.84 20.07	13.31 -4.26 28.39	16.28 -2.99 7.66
CH_RES_SYRACUSE 23985	35.70 -0.47 0.00	25.79 -0.30 0.00	28.72 -0.36 0.00	26.81 -0.33 0.00	26.40 -0.31 0.00	35.89 -0.37 0.00	49.68 -0.41 0.00	60.72 -0.44 0.00	46.98 -0.50 0.00	31.56 -0.44 0.00	25.80 -0.40 0.00	12.67 -0.20 0.00	8.12 -0.13 0.00	6.25 -0.09 0.00	7.26 -0.11 0.00	16.54 -0.24 0.00	21.81 -0.33 -0.03	29.61 -0.36 -0.03	57.58 -0.40 -1.93	44.03 -0.25 -0.26	46.92 -0.40 0.00	46.03 -0.50 1.14	39.38 -0.46 6.12	25.50 -0.27 1.17
CLINTON_WT_PWR 323605	35.47 -0.71 0.00	25.49 -0.59 0.00	28.50 -0.57 0.00	26.68 -0.46 0.00	26.30 -0.41 0.00	35.83 -0.44 0.00	49.69 -0.40 0.00	60.78 -0.39 0.00	47.27 -0.20 0.00	31.86 -0.14 0.00	25.83 -0.36 0.00	12.60 -0.27 0.00	8.09 -0.16 0.00	6.18 -0.16 0.00	7.16 -0.21 0.00	16.22 -0.55 0.00	21.41 -0.70 0.00	28.90 -1.03 0.00	54.42 -1.62 0.00	42.94 -1.09 0.00	46.20 -1.12 0.00	46.64 -1.02 0.00	44.94 -1.02 0.00	26.34 -0.60 0.00
CLINTON__LFGE 323618	35.92 -0.25 0.00	25.81 -0.27 0.00	28.85 -0.23 0.00	27.02 -0.11 0.00	26.62 -0.09 0.00	36.33 0.07 0.00	50.40 0.30 0.00	61.74 0.58 0.00	48.04 0.56 0.00	32.34 0.35 0.00	26.17 -0.02 0.00	12.75 -0.12 0.00	8.19 -0.06 0.00	6.25 -0.09 0.00	7.24 -0.13 0.00	16.41 -0.37 0.00	21.65 -0.45 0.00	29.24 -0.70 0.00	55.16 -0.89 0.00	43.57 -0.46 0.00	46.90 -0.42 0.00	47.36 -0.30 0.00	45.48 -0.48 0.00	26.67 -0.27 0.00
COBBLENY_34_KV_TB1 80064	29.47 -3.20 3.52	23.89 -2.20 0.00	26.22 -2.41 0.44	24.96 -2.18 0.00	20.84 -2.14 3.73	27.57 -2.66 6.03	33.82 -3.70 12.57	24.19 -5.51 31.45	16.23 -4.36 26.89	15.48 -3.21 13.30	17.65 -2.53 6.02	10.07 -1.29 1.52	7.45 -0.74 0.06	3.81 -0.54 1.98	3.29 -0.63 3.45	8.34 -1.50 6.93	11.67 -2.16 8.28	14.73 -2.84 12.37	16.83 -4.54 34.68	20.71 -3.12 20.19	22.21 -3.67 21.43	20.42 -4.11 23.13	11.59 -2.87 31.50	16.24 -2.11 8.59
COFFEEN__115KV_TB3 355620	34.55 -1.63 0.00	24.80 -1.29 0.00	27.90 -1.18 0.00	26.17 -0.97 0.00	25.56 -1.15 0.00	34.88 -1.39 0.00	48.97 -1.12 0.00	60.14 -1.02 0.00	46.22 -1.25 0.00	31.00 -1.00 0.00	25.27 -0.92 0.00	12.13 -0.75 0.00	7.64 -0.61 0.00	5.84 -0.50 0.00	6.69 -0.68 0.00	15.19 -1.59 0.00	20.27 -1.84 0.00	27.97 -1.97 0.00	54.58 -1.47 0.00	43.79 -0.23 0.00	46.44 -0.88 0.00	46.25 -1.41 0.00	44.20 -1.76 0.00	25.55 -1.39 0.00
COLDSPRG_115KV_BK1 355956	30.19 -2.48 3.51	24.44 -1.65 0.00	26.81 -1.79 0.48	25.45 -1.68 0.00	22.19 -1.64 2.88	30.24 -1.94 4.08	35.08 -2.35 12.66	26.46 -3.40 31.30	46.27 -2.98 -1.77	21.52 -1.96 8.52	19.26 -1.47 5.46	10.69 -0.81 1.38	7.74 -0.46 0.05	4.21 -0.33 1.80	3.85 -0.40 3.13	9.62 -0.87 6.28	13.28 -1.32 7.51	16.89 -1.83 11.22	21.08 -3.25 31.71	23.46 -1.96 18.61	24.76 -2.45 20.11	22.54 -3.01 22.11	11.99 -2.03 31.94	17.45 -1.50 7.99
COLONIE_LFGE__ 323577	37.30 1.12 0.00	26.78 0.70 0.00	29.93 0.86 0.00	27.90 0.76 0.00	27.41 0.70 0.00	37.24 0.98 0.00	51.22 1.14 0.00	62.49 1.33 0.00	48.53 1.05 0.00	32.81 0.81 0.00	26.78 0.58 0.00	13.13 0.25 0.00	8.38 0.13 0.00	6.44 0.11 0.00	7.50 0.13 0.00	17.13 0.35 0.00	22.73 0.62 0.00	30.81 0.87 0.00	57.41 1.36 0.00	44.90 0.87 0.00	48.61 1.30 0.00	48.94 1.28 0.00	47.06 1.09 0.00	27.60 0.66 0.00
COOPERNY_115KV_TB1 80082	36.99 0.82 0.00	26.65 0.57 0.00	29.68 0.60 0.00	27.63 0.50 0.00	27.26 0.55 0.00	36.96 0.70 0.00	51.07 0.98 0.00	62.43 1.27 0.00	48.45 0.98 0.00	32.80 0.81 0.00	26.98 0.78 0.00	13.24 0.37 0.00	8.50 0.24 0.00	6.54 0.20 0.00	7.62 0.25 0.00	17.42 0.64 0.00	22.95 0.84 0.00	31.02 1.08 0.00	57.58 1.53 0.00	45.12 1.10 0.00	48.40 1.08 0.00	48.86 1.19 0.00	47.04 1.08 0.00	27.60 0.66 0.00
COPENHAGEN_WT_PWR 323753	33.99 -2.19 0.00	24.40 -1.69 0.00	27.48 -1.60 0.00	25.77 -1.37 0.00	25.15 -1.56 0.00	34.27 -1.99 0.00	48.08 -2.01 0.00	59.04 -2.12 0.00	45.40 -2.07 0.00	30.49 -1.51 0.00	24.92 -1.28 0.00	11.99 -0.88 0.00	7.56 -0.69 0.00	5.79 -0.55 0.00	6.62 -0.75 0.00	15.04 -1.73 0.00	20.12 -1.99 0.00	27.75 -2.19 0.00	54.03 -2.01 0.00	43.26 -0.77 0.00	45.76 -1.55 0.00	45.54 -2.12 0.00	43.56 -2.40 0.00	25.17 -1.77 0.00
CORNELL____ 23752	34.73 -0.09 1.36	26.06 -0.02 0.00	28.76 -0.08 0.24	27.07 -0.07 0.00	26.88 -0.03 -0.20	37.81 0.11 -1.44	48.03 0.23 2.29	132.31 0.44 -70.71	62.85 -0.05 -15.43	35.33 -0.38 -3.71	27.78 -0.40 -1.99	13.13 -0.24 -0.50	8.10 -0.17 -0.02	6.87 -0.12 -0.65	8.36 -0.14 -1.13	18.76 -0.28 -2.27	24.30 -0.43 -2.62	33.52 -0.38 -3.97	66.27 -0.02 -10.24	50.78 0.29 -6.45	65.76 0.11 -18.32	54.84 -0.04 -7.22	23.06 0.05 22.96	23.43 0.01 3.51

CORONA_69_KV_TB1 355595	38.13 1.96 0.00	27.48 1.39 0.00	30.53 1.45 0.00	28.39 1.25 0.00	28.01 1.29 0.00	37.94 1.68 0.00	52.31 2.22 0.00	63.58 2.42 0.00	49.47 2.00 0.00	33.80 1.81 0.00	27.94 1.75 0.00	13.66 0.78 0.00	9.00 0.51 -0.24	6.74 0.40 0.00	7.88 0.51 0.00	18.09 1.31 0.00	23.97 1.87 0.00	32.26 2.32 0.00	59.17 3.13 0.00	46.43 2.40 0.00	49.74 2.42 0.00	50.28 2.62 0.00	48.39 2.43 0.00	28.42 1.48 0.00
CORTLAND_115KV_TB3 80093	35.96 -0.21 0.00	25.97 -0.11 0.00	28.92 -0.16 0.00	26.98 -0.15 0.00	26.59 -0.12 0.00	36.21 -0.05 0.00	50.09 0.00 0.00	80.66 0.17 -19.32	52.81 -0.14 -5.48	31.73 -0.27 0.00	25.91 -0.28 0.00	12.71 -0.17 0.00	8.14 -0.11 0.00	6.27 -0.07 0.00	7.28 -0.09 0.00	16.58 -0.19 0.00	21.82 -0.28 0.00	29.68 -0.26 0.00	55.96 -0.09 0.00	44.12 0.09 0.00	50.69 -0.09 -3.47	49.18 -0.19 -1.71	45.81 -0.15 0.00	26.84 -0.10 0.00
COXSACKIE___GT 23611	38.71 2.53 0.00	27.84 1.75 0.00	31.07 1.99 0.00	28.96 1.83 0.00	28.51 1.80 0.00	38.83 2.57 0.00	53.73 3.64 0.00	65.88 4.72 0.00	50.86 3.38 0.00	33.75 1.76 0.00	27.29 1.10 0.00	13.36 0.48 0.00	8.52 0.27 0.00	6.55 0.21 0.00	7.61 0.25 0.00	17.42 0.64 0.00	23.11 1.00 0.00	31.52 1.58 0.00	59.54 3.49 0.00	46.99 2.96 0.00	50.70 3.38 0.00	50.96 3.30 0.00	48.97 3.00 0.00	28.65 1.70 0.00
CPV_VALLEY___CC1 323721	37.04 0.86 0.00	26.68 0.59 0.00	29.69 0.61 0.00	27.63 0.50 0.00	27.25 0.54 0.00	36.93 0.67 0.00	51.03 0.94 0.00	62.44 1.28 0.00	48.49 1.01 0.00	32.88 0.88 0.00	27.07 0.87 0.00	13.29 0.41 0.00	8.53 0.28 0.00	6.56 0.22 0.00	7.66 0.29 0.00	17.52 0.75 0.00	23.08 0.98 0.00	31.17 1.23 0.00	57.72 1.67 0.00	45.21 1.19 0.00	48.47 1.16 0.00	48.97 1.30 0.00	47.15 1.19 0.00	27.66 0.72 0.00
CPV_VALLEY___CC2 323722	37.04 0.86 0.00	26.68 0.59 0.00	29.69 0.61 0.00	27.63 0.50 0.00	27.25 0.54 0.00	36.93 0.67 0.00	51.03 0.94 0.00	62.44 1.28 0.00	48.49 1.01 0.00	32.88 0.88 0.00	27.07 0.87 0.00	13.29 0.41 0.00	8.53 0.28 0.00	6.56 0.22 0.00	7.66 0.29 0.00	17.52 0.75 0.00	23.08 0.98 0.00	31.17 1.23 0.00	57.72 1.67 0.00	45.21 1.19 0.00	48.47 1.16 0.00	48.97 1.30 0.00	47.15 1.19 0.00	27.66 0.72 0.00
CRESCENT___HYD 24018	37.30 1.12 0.00	26.78 0.70 0.00	29.93 0.86 0.00	27.90 0.76 0.00	27.41 0.70 0.00	37.24 0.98 0.00	51.22 1.14 0.00	62.49 1.33 0.00	48.53 1.05 0.00	32.81 0.81 0.00	26.78 0.58 0.00	13.13 0.25 0.00	8.38 0.13 0.00	6.44 0.11 0.00	7.50 0.13 0.00	17.13 0.35 0.00	22.73 0.62 0.00	30.81 0.87 0.00	57.41 1.36 0.00	44.90 0.87 0.00	48.61 1.30 0.00	48.94 1.28 0.00	47.06 1.09 0.00	27.60 0.66 0.00
CRICKET___VALLEY_CC1 323756	37.42 1.24 0.00	26.85 0.76 0.00	29.83 0.75 0.00	27.74 0.61 0.00	27.38 0.67 0.00	37.14 0.88 0.00	51.32 1.23 0.00	62.80 1.64 0.00	48.81 1.34 0.00	33.15 1.16 0.00	27.32 1.13 0.00	13.37 0.50 0.00	8.55 0.30 0.00	6.57 0.24 0.00	7.67 0.30 0.00	17.59 0.81 0.00	23.25 1.14 0.00	31.45 1.51 0.00	58.02 1.97 0.00	45.38 1.35 0.00	48.79 1.47 0.00	49.30 1.64 0.00	47.37 1.41 0.00	27.84 0.90 0.00
CRICKET___VALLEY_CC2 323757	37.42 1.24 0.00	26.85 0.76 0.00	29.83 0.75 0.00	27.74 0.61 0.00	27.38 0.67 0.00	37.14 0.88 0.00	51.32 1.23 0.00	62.80 1.64 0.00	48.81 1.34 0.00	33.15 1.16 0.00	27.32 1.13 0.00	13.37 0.50 0.00	8.55 0.30 0.00	6.57 0.24 0.00	7.67 0.30 0.00	17.59 0.81 0.00	23.25 1.14 0.00	31.45 1.51 0.00	58.02 1.97 0.00	45.38 1.35 0.00	48.79 1.47 0.00	49.30 1.64 0.00	47.37 1.41 0.00	27.84 0.90 0.00
CRICKET___VALLEY_CC3 323758	37.42 1.24 0.00	26.85 0.76 0.00	29.83 0.75 0.00	27.74 0.61 0.00	27.38 0.67 0.00	37.14 0.88 0.00	51.32 1.23 0.00	62.80 1.64 0.00	48.81 1.34 0.00	33.15 1.16 0.00	27.32 1.13 0.00	13.37 0.50 0.00	8.55 0.30 0.00	6.57 0.24 0.00	7.67 0.30 0.00	17.59 0.81 0.00	23.25 1.14 0.00	31.45 1.51 0.00	58.02 1.97 0.00	45.38 1.35 0.00	48.79 1.47 0.00	49.30 1.64 0.00	47.37 1.41 0.00	27.84 0.90 0.00
CRUCIBLE_METL_DRP 24180	35.71 -0.47 0.00	25.79 -0.30 0.00	28.72 -0.36 0.00	26.81 -0.33 0.00	26.40 -0.31 0.00	35.89 -0.37 0.00	49.68 -0.41 0.00	60.73 -0.43 0.00	46.99 -0.49 0.00	31.56 -0.44 0.00	25.80 -0.40 0.00	12.67 -0.20 0.00	8.12 -0.13 0.00	6.25 -0.09 0.00	7.26 -0.11 0.00	16.54 -0.23 0.00	21.82 -0.33 -0.03	29.61 -0.35 -0.03	57.58 -0.40 -1.93	44.04 -0.24 -0.26	46.93 -0.39 0.00	46.04 -0.49 1.14	39.41 -0.43 6.12	25.51 -0.27 1.17
DAHOWA___HYDRO 323763	37.65 1.47 0.00	27.03 0.94 0.00	30.16 1.08 0.00	28.12 0.98 0.00	27.66 0.94 0.00	37.67 1.41 0.00	52.00 1.91 0.00	63.48 2.32 0.00	49.13 1.66 0.00	33.07 1.07 0.00	26.86 0.67 0.00	13.10 0.23 0.00	8.33 0.08 0.00	6.39 0.05 0.00	7.44 0.07 0.00	17.03 0.26 0.00	22.71 0.60 0.00	31.03 1.09 0.00	58.19 2.14 0.00	45.51 1.48 0.00	49.29 1.98 0.00	49.56 1.90 0.00	47.55 1.59 0.00	27.84 0.90 0.00
DANC___LFGE 323619	34.37 -1.81 0.00	24.71 -1.38 0.00	27.73 -1.34 0.00	25.97 -1.17 0.00	25.42 -1.29 0.00	34.63 -1.63 0.00	48.42 -1.67 0.00	59.37 -1.79 0.00	45.72 -1.76 0.00	30.69 -1.31 0.00	25.08 -1.11 0.00	12.13 -0.75 0.00	7.68 -0.57 0.00	5.89 -0.45 0.00	6.76 -0.61 0.00	15.36 -1.41 0.00	20.44 -1.66 0.00	28.09 -1.85 0.00	54.25 -1.80 0.00	43.28 -0.75 0.00	45.97 -1.35 0.00	45.85 -1.81 0.00	43.88 -2.08 0.00	25.45 -1.49 0.00
DANSKAMMER___1 23586	37.83 1.65 0.00	27.20 1.12 0.00	30.24 1.16 0.00	28.14 1.01 0.00	27.77 1.06 0.00	37.68 1.42 0.00	52.12 2.03 0.00	63.78 2.62 0.00	49.55 2.07 0.00	33.55 1.56 0.00	27.60 1.41 0.00	13.51 0.64 0.00	8.66 0.41 0.00	6.66 0.32 0.00	7.78 0.41 0.00	17.82 1.05 0.00	23.56 1.45 0.00	31.88 1.94 0.00	59.01 2.96 0.00	46.23 2.20 0.00	49.60 2.28 0.00	50.07 2.41 0.00	48.15 2.19 0.00	28.23 1.29 0.00
DANSKAMMER___2 23589	37.83 1.65 0.00	27.20 1.12 0.00	30.24 1.16 0.00	28.14 1.01 0.00	27.77 1.06 0.00	37.68 1.42 0.00	52.12 2.03 0.00	63.78 2.62 0.00	49.55 2.07 0.00	33.55 1.56 0.00	27.60 1.41 0.00	13.51 0.64 0.00	8.66 0.41 0.00	6.66 0.32 0.00	7.78 0.41 0.00	17.82 1.05 0.00	23.56 1.45 0.00	31.88 1.94 0.00	59.01 2.96 0.00	46.23 2.20 0.00	49.60 2.28 0.00	50.07 2.41 0.00	48.15 2.19 0.00	28.23 1.29 0.00
DANSKAMMER___3 23590	37.83 1.65 0.00	27.20 1.12 0.00	30.24 1.16 0.00	28.14 1.01 0.00	27.77 1.06 0.00	37.68 1.42 0.00	52.12 2.03 0.00	63.78 2.62 0.00	49.55 2.07 0.00	33.55 1.56 0.00	27.60 1.41 0.00	13.51 0.64 0.00	8.66 0.41 0.00	6.66 0.32 0.00	7.78 0.41 0.00	17.82 1.05 0.00	23.56 1.45 0.00	31.88 1.94 0.00	59.01 2.96 0.00	46.23 2.20 0.00	49.60 2.28 0.00	50.07 2.41 0.00	48.15 2.19 0.00	28.23 1.29 0.00

DANSKAMMER___4 23591	37.83 1.65 0.00	27.20 1.12 0.00	30.24 1.16 0.00	28.14 1.01 0.00	27.77 1.06 0.00	37.68 1.42 0.00	52.12 2.03 0.00	63.78 2.62 0.00	49.55 2.07 0.00	33.55 1.56 0.00	27.60 1.41 0.00	13.51 0.64 0.00	8.66 0.41 0.00	6.66 0.32 0.00	7.78 0.41 0.00	17.82 1.05 0.00	23.56 1.45 0.00	31.88 1.94 0.00	59.01 2.96 0.00	46.23 2.20 0.00	49.60 2.28 0.00	50.07 2.41 0.00	48.15 2.19 0.00	28.23 1.29 0.00
DANSKAMMER___DIESEL 23592	37.83 1.65 0.00	27.20 1.12 0.00	30.24 1.17 0.00	28.14 1.01 0.00	27.77 1.06 0.00	37.68 1.42 0.00	52.12 2.03 0.00	63.78 2.62 0.00	49.53 2.05 0.00	33.56 1.56 0.00	27.60 1.41 0.00	13.51 0.64 0.00	8.66 0.41 0.00	6.66 0.32 0.00	7.78 0.41 0.00	17.82 1.05 0.00	23.56 1.45 0.00	31.88 1.94 0.00	59.01 2.96 0.00	46.21 2.19 0.00	49.59 2.27 0.00	50.06 2.40 0.00	48.13 2.17 0.00	28.22 1.28 0.00
DARBY___SOLAR 323810	37.56 1.39 0.00	26.97 0.89 0.00	30.10 1.02 0.00	28.06 0.93 0.00	27.60 0.89 0.00	37.57 1.31 0.00	51.84 1.75 0.00	63.27 2.10 0.00	48.99 1.52 0.00	32.94 0.94 0.00	26.79 0.59 0.00	13.08 0.20 0.00	8.32 0.07 0.00	6.39 0.06 0.00	7.45 0.08 0.00	17.03 0.26 0.00	22.69 0.59 0.00	30.98 1.04 0.00	58.03 1.98 0.00	45.39 1.36 0.00	49.14 1.83 0.00	49.42 1.76 0.00	47.45 1.49 0.00	27.79 0.85 0.00
DASHVILLE___HYD 23610	37.44 1.27 0.00	26.92 0.84 0.00	29.96 0.88 0.00	27.88 0.75 0.00	27.51 0.80 0.00	37.31 1.05 0.00	51.57 1.48 0.00	63.11 1.95 0.00	49.08 1.60 0.00	33.24 1.24 0.00	27.33 1.13 0.00	13.39 0.52 0.00	8.58 0.33 0.00	6.60 0.26 0.00	7.70 0.33 0.00	17.63 0.86 0.00	23.27 1.16 0.00	31.45 1.51 0.00	58.24 2.20 0.00	45.64 1.61 0.00	49.01 1.69 0.00	49.48 1.82 0.00	47.59 1.63 0.00	27.91 0.97 0.00
DELAWARE___LFGE 323621	37.54 0.40 -0.96	26.43 0.34 0.00	29.60 0.38 -0.15	27.48 0.34 0.00	27.48 0.35 -0.41	37.01 0.50 -0.25	53.27 0.74 -2.44	64.24 0.96 -2.12	52.97 0.56 -4.93	32.68 0.37 -0.31	26.54 0.34 0.00	13.07 0.20 0.00	8.39 0.13 0.00	6.45 0.11 0.00	7.50 0.13 0.00	17.08 0.31 0.00	22.40 0.29 0.00	30.39 0.45 0.00	56.89 0.84 0.00	44.61 0.58 0.00	48.04 0.52 -0.21	50.55 0.53 -2.35	59.17 0.53 -12.67	29.66 0.31 -2.41
DERFIELD_115KV_TB7 355931	36.18 0.00 0.00	26.09 0.00 0.00	29.08 0.01 0.00	27.13 0.00 0.00	26.71 0.00 0.00	36.24 -0.02 0.00	50.04 -0.05 0.00	61.11 -0.05 0.00	47.40 -0.07 0.00	31.95 -0.05 0.00	26.15 -0.04 0.00	12.86 -0.02 0.00	8.23 -0.02 0.00	6.33 -0.01 0.00	7.36 -0.01 0.00	16.77 0.00 0.00	22.10 0.00 0.00	29.96 0.02 0.00	56.08 0.03 0.00	44.01 -0.02 0.00	47.31 0.00 0.00	47.66 -0.01 0.00	45.96 -0.01 0.00	26.93 -0.01 0.00
DOGLEVILLE___HYD 23807	36.73 0.56 0.00	26.51 0.43 0.00	29.57 0.50 0.00	27.52 0.39 0.00	27.03 0.32 0.00	36.87 0.61 0.00	50.90 0.81 0.00	62.26 1.10 0.00	47.72 0.25 0.00	31.75 -0.25 0.00	25.78 -0.41 0.00	12.64 -0.24 0.00	8.05 -0.20 0.00	6.20 -0.14 0.00	7.20 -0.16 0.00	16.48 -0.29 0.00	21.95 -0.16 0.00	30.25 0.31 0.00	56.90 0.85 0.00	44.62 0.59 0.00	48.17 0.85 0.00	48.45 0.79 0.00	46.43 0.47 0.00	27.21 0.26 0.00
DUNKIRK___115KV_TB_200 55889	28.94 -3.64 3.59	23.62 -2.46 0.00	25.88 -2.75 0.44	24.58 -2.56 0.00	20.18 -2.49 4.04	26.51 -3.07 6.68	33.31 -4.08 12.70	23.18 -5.64 32.35	1.04 -4.72 41.72	13.51 -3.08 15.40	17.64 -2.40 6.15	10.10 -1.23 1.55	7.50 -0.69 0.06	3.81 -0.50 2.03	3.24 -0.60 3.53	8.37 -1.32 7.08	11.72 -1.94 8.44	14.69 -2.62 12.62	16.66 -4.48 34.91	19.60 -3.32 21.11	21.26 -3.91 22.15	18.83 -4.63 24.20	10.35 -3.53 32.09	15.48 -2.38 9.08
DUNKIRK___1 23563	28.94 -3.64 3.59	23.62 -2.46 0.00	25.88 -2.75 0.44	24.58 -2.56 0.00	20.18 -2.49 4.04	26.51 -3.07 6.68	33.31 -4.08 12.70	23.18 -5.64 32.35	1.04 -4.72 41.72	13.51 -3.08 15.40	17.64 -2.40 6.15	10.10 -1.23 1.55	7.50 -0.69 0.06	3.81 -0.50 2.03	3.24 -0.60 3.53	8.37 -1.32 7.08	11.72 -1.94 8.44	14.69 -2.62 12.62	16.66 -4.48 34.91	19.60 -3.32 21.11	21.26 -3.91 22.15	18.83 -4.63 24.20	10.35 -3.53 32.09	15.48 -2.38 9.08
DUNKIRK___2 23564	28.94 -3.64 3.59	23.62 -2.46 0.00	25.88 -2.75 0.44	24.58 -2.56 0.00	20.18 -2.49 4.04	26.51 -3.07 6.68	33.31 -4.08 12.70	23.18 -5.64 32.35	1.04 -4.72 41.72	13.51 -3.08 15.40	17.64 -2.40 6.15	10.10 -1.23 1.55	7.50 -0.69 0.06	3.81 -0.50 2.03	3.24 -0.60 3.53	8.37 -1.32 7.08	11.72 -1.94 8.44	14.69 -2.62 12.62	16.66 -4.48 34.91	19.60 -3.32 21.11	21.26 -3.91 22.15	18.83 -4.63 24.20	10.35 -3.53 32.09	15.48 -2.38 9.08
DUNKIRK___3 23565	29.04 -3.51 3.63	23.71 -2.37 0.00	26.00 -2.64 0.44	24.69 -2.45 0.00	20.07 -2.39 4.26	26.13 -2.97 7.16	33.32 -4.03 12.74	23.12 -5.62 32.42	5.27 -4.66 37.55	13.88 -3.09 15.03	17.56 -2.40 6.24	10.08 -1.22 1.57	7.49 -0.69 0.06	3.78 -0.50 2.06	3.21 -0.59 3.57	8.28 -1.32 7.18	11.62 -1.95 8.54	14.51 -2.64 12.79	16.39 -4.49 35.16	19.17 -3.30 21.56	20.93 -3.88 22.51	18.46 -4.52 24.68	10.29 -3.37 32.31	15.53 -2.30 9.11
DUNKIRK___4 23566	29.04 -3.51 3.63	23.71 -2.37 0.00	26.00 -2.64 0.44	24.69 -2.45 0.00	20.07 -2.39 4.26	26.13 -2.97 7.16	33.32 -4.03 12.74	23.12 -5.62 32.42	5.27 -4.66 37.55	13.88 -3.09 15.03	17.56 -2.40 6.24	10.08 -1.22 1.57	7.49 -0.69 0.06	3.78 -0.50 2.06	3.21 -0.59 3.57	8.28 -1.32 7.18	11.62 -1.95 8.54	14.51 -2.64 12.79	16.39 -4.49 35.16	19.17 -3.30 21.56	20.93 -3.88 22.51	18.46 -4.52 24.68	10.29 -3.37 32.31	15.53 -2.30 9.11
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.86 1.68 0.00	27.22 1.14 0.00	30.25 1.18 0.00	28.14 1.01 0.00	27.78 1.07 0.00	37.66 1.39 0.00	52.04 1.95 0.00	63.64 2.48 0.00	49.51 2.03 0.00	33.71 1.71 0.00	27.83 1.63 0.00	13.63 0.76 0.00	9.09 0.50 -0.34	6.74 0.40 0.00	7.87 0.50 0.00	18.03 1.26 0.00	23.81 1.70 0.00	32.11 2.17 0.00	59.13 3.09 0.00	46.28 2.25 0.00	49.58 2.27 0.00	50.16 2.50 0.00	48.22 2.26 0.00	28.29 1.35 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	37.55 1.38 0.00	27.02 0.94 0.00	30.05 0.97 0.00	27.96 0.83 0.00	27.59 0.88 0.00	37.42 1.16 0.00	51.76 1.67 0.00	63.33 2.17 0.00	49.18 1.70 0.00	33.32 1.33 0.00	27.41 1.21 0.00	13.43 0.56 0.00	8.61 0.36 0.00	6.63 0.29 0.00	7.74 0.37 0.00	17.72 0.94 0.00	23.39 1.28 0.00	31.62 1.69 0.00	58.55 2.51 0.00	45.88 1.85 0.00	49.21 1.89 0.00	49.69 2.03 0.00	47.80 1.84 0.00	28.04 1.10 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	38.16 1.99 0.00	27.47 1.39 0.00	30.49 1.41 0.00	28.37 1.23 0.00	28.06 1.34 0.00	37.96 1.70 0.00	52.49 2.40 0.00	64.08 2.92 0.00	49.95 2.47 0.00	34.01 2.01 0.00	28.07 1.87 -0.01	13.75 0.88 0.00	9.41 0.58 -0.59	6.80 0.46 0.00	7.94 0.57 0.00	18.19 1.41 0.00	23.98 1.88 0.00	32.29 2.35 0.00	59.46 3.41 0.00	46.58 2.55 0.00	49.88 2.56 0.00	50.49 2.82 -0.01	48.57 2.60 0.00	28.58 1.64 -0.01

E179THST_13_KV_LOAD 356214	38.31 2.13 0.00	27.57 1.49 0.00	30.59 1.52 0.00	28.46 1.33 0.00	28.15 1.44 0.00	38.09 1.83 0.00	52.71 2.62 0.00	64.34 3.18 0.00	50.16 2.68 0.00	34.14 2.15 0.00	28.17 1.98 -0.01	13.81 0.93 0.00	9.45 0.61 -0.59	6.83 0.49 0.00	7.98 0.60 0.00	18.26 1.49 0.00	24.08 1.97 0.00	32.42 2.49 0.00	59.73 3.68 0.00	46.79 2.76 0.00	50.10 2.78 0.00	50.71 3.05 -0.01	48.78 2.81 0.00	28.69 1.75 -0.01
EAST HAMPTON___GT 23717	39.12 2.94 0.00	28.39 2.30 0.00	31.56 2.48 0.00	29.38 2.24 0.00	29.02 2.31 0.00	39.38 3.12 0.00	56.19 3.89 -2.21	65.08 3.91 0.00	50.41 2.94 0.00	34.35 2.35 0.00	28.38 2.18 0.00	13.79 0.92 0.00	9.08 0.59 -0.24	6.75 0.41 0.00	7.91 0.54 0.00	18.21 1.44 0.00	24.42 2.31 0.00	33.05 3.12 0.00	60.66 4.62 0.00	47.67 3.64 0.00	51.12 3.81 0.00	51.37 3.71 0.00	49.18 3.22 0.00	27.90 0.96 0.00
EAST RIVER___6 23660	37.96 1.78 0.00	27.31 1.22 0.00	30.33 1.25 0.00	28.22 1.08 0.00	27.86 1.15 0.00	37.78 1.52 0.00	52.23 2.14 0.00	63.86 2.70 0.00	49.72 2.24 0.00	33.86 1.86 0.00	27.99 1.79 0.00	13.72 0.85 0.00	8.82 0.57 0.00	6.79 0.45 0.00	7.93 0.56 0.00	18.17 1.40 0.00	24.01 1.90 0.00	32.34 2.40 0.00	59.51 3.46 0.00	46.54 2.52 0.00	49.82 2.51 0.00	50.46 2.81 0.00	48.54 2.58 0.00	28.45 1.51 0.00
EAST RIVER___7 23524	37.96 1.78 0.00	27.31 1.22 0.00	30.33 1.25 0.00	28.22 1.08 0.00	27.86 1.15 0.00	37.78 1.52 0.00	52.23 2.14 0.00	63.86 2.70 0.00	49.72 2.24 0.00	33.86 1.86 0.00	27.99 1.79 0.00	13.72 0.85 0.00	8.82 0.57 0.00	6.79 0.45 0.00	7.93 0.56 0.00	18.17 1.40 0.00	24.01 1.90 0.00	32.34 2.40 0.00	59.51 3.46 0.00	46.54 2.52 0.00	49.82 2.51 0.00	50.46 2.81 0.00	48.54 2.58 0.00	28.45 1.51 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.78 1.60 0.00	27.17 1.09 0.00	30.20 1.13 0.00	28.10 0.96 0.00	27.73 1.02 0.00	37.59 1.33 0.00	51.95 1.86 0.00	63.53 2.37 0.00	49.39 1.92 0.00	33.60 1.60 0.00	27.72 1.53 0.00	13.58 0.70 0.00	8.72 0.47 0.00	6.71 0.37 0.00	7.84 0.47 0.00	17.96 1.18 0.00	23.71 1.60 0.00	31.99 2.05 0.00	58.97 2.92 0.00	46.15 2.13 0.00	49.47 2.15 0.00	50.02 2.36 0.00	48.10 2.14 0.00	28.23 1.29 0.00
EAST_HAMPTON___DIESEL 23722	39.11 2.93 0.00	28.40 2.32 0.00	31.57 2.49 0.00	29.39 2.25 0.00	29.03 2.32 0.00	39.38 3.12 0.00	56.20 3.90 -2.21	65.09 3.93 0.00	50.42 2.95 0.00	34.35 2.35 0.00	28.38 2.18 0.00	13.79 0.92 0.00	9.08 0.59 -0.24	6.75 0.41 0.00	7.91 0.54 0.00	18.22 1.44 0.00	24.42 2.31 0.00	33.06 3.12 0.00	60.67 4.62 0.00	47.68 3.65 0.00	51.13 3.82 0.00	51.38 3.72 0.00	49.16 3.20 0.00	27.82 0.88 0.00
EAST_POINT___SOLAR 323840	37.43 1.26 0.00	27.06 0.97 0.00	30.20 1.12 0.00	28.15 1.02 0.00	27.79 1.08 0.00	37.78 1.52 0.00	52.63 2.54 0.00	64.40 3.24 0.00	48.79 1.31 0.00	31.47 -0.53 0.00	25.54 -0.65 0.00	12.52 -0.35 0.00	8.01 -0.24 0.00	6.16 -0.18 0.00	7.15 -0.21 0.00	16.30 -0.47 0.00	21.57 -0.54 0.00	29.93 -0.01 0.00	58.13 2.08 0.00	46.22 2.19 0.00	49.48 2.17 0.00	49.62 1.96 0.00	47.84 1.88 0.00	27.91 0.97 0.00
EAST_PULASKI___ESR 323781	34.86 -1.31 0.00	25.12 -0.97 0.00	28.08 -1.00 0.00	26.26 -0.88 0.00	25.79 -0.92 0.00	35.10 -1.16 0.00	48.85 -1.24 0.00	59.81 -1.36 0.00	46.17 -1.31 0.00	30.97 -1.02 0.00	25.32 -0.87 0.00	12.32 -0.55 0.00	7.85 -0.40 0.00	6.03 -0.31 0.00	6.96 -0.41 0.00	15.80 -0.98 0.00	20.91 -1.20 0.00	28.59 -1.35 0.00	54.62 -1.43 0.00	43.34 -0.69 0.00	46.26 -1.06 0.00	46.30 -1.36 0.00	44.41 -1.56 0.00	25.87 -1.07 0.00
EAST_RIVER___1 323558	38.00 1.82 0.00	27.35 1.27 0.00	30.39 1.31 0.00	28.27 1.14 0.00	27.91 1.20 0.00	37.83 1.57 0.00	52.28 2.19 0.00	63.91 2.75 0.00	49.75 2.27 0.00	33.88 1.88 0.00	27.99 1.80 0.00	13.72 0.85 0.00	8.82 0.57 0.00	6.79 0.45 0.00	7.93 0.56 0.00	18.17 1.40 0.00	23.99 1.88 0.00	32.33 2.39 0.00	59.51 3.46 0.00	46.55 2.53 0.00	49.84 2.52 0.00	50.47 2.81 0.00	48.56 2.60 0.00	28.49 1.55 0.00
EAST_RIVER___2 323559	37.96 1.78 0.00	27.31 1.22 0.00	30.33 1.25 0.00	28.22 1.08 0.00	27.86 1.15 0.00	37.78 1.52 0.00	52.23 2.14 0.00	63.86 2.70 0.00	49.72 2.24 0.00	33.86 1.86 0.00	27.99 1.79 0.00	13.72 0.85 0.00	8.82 0.57 0.00	6.79 0.45 0.00	7.93 0.56 0.00	18.17 1.40 0.00	24.01 1.90 0.00	32.34 2.40 0.00	59.51 3.46 0.00	46.54 2.52 0.00	49.82 2.51 0.00	50.46 2.81 0.00	48.54 2.58 0.00	28.45 1.51 0.00
EAST___DELAWARE_HYD 23607	37.51 1.33 0.00	26.99 0.90 0.00	30.04 0.96 0.00	27.96 0.83 0.00	27.61 0.90 0.00	37.50 1.23 0.00	51.90 1.81 0.00	63.55 2.39 0.00	49.29 1.81 0.00	33.20 1.20 0.00	27.24 1.05 0.00	13.33 0.45 0.00	8.48 0.23 0.00	6.52 0.18 0.00	7.61 0.24 0.00	17.42 0.65 0.00	23.01 0.91 0.00	31.19 1.25 0.00	58.05 2.01 0.00	45.57 1.54 0.00	48.88 1.56 0.00	49.31 1.65 0.00	47.42 1.45 0.00	27.77 0.83 0.00
EIGHT_POINT___WT_PWR 323820	30.27 -3.86 2.05	23.53 -2.55 0.00	25.55 -2.88 0.65	24.34 -2.80 0.00	30.77 -2.87 -6.94	50.07 -3.66 -17.47	55.08 -5.93 -10.92	25.06 -8.75 27.35	40.09 -6.77 0.62	71.79 -4.54 -44.34	43.92 -3.95 -21.67	16.46 -1.91 -5.49	7.23 -1.24 -0.22	12.57 -0.94 -7.18	18.78 -1.10 -12.51	39.65 -2.35 -25.23	47.24 -3.26 -28.39	69.79 -3.69 -43.54	125.63 -5.74 -75.31	109.22 -3.84 -69.03	103.57 -4.49 -60.74	84.95 -5.44 -42.73	-22.32 -4.64 63.64	20.80 -3.32 2.82
ELBRIDGE_115KV_TB2 80188	34.96 -0.68 0.54	25.64 -0.45 0.00	28.49 -0.51 0.08	26.68 -0.46 0.00	26.02 -0.46 0.23	35.53 -0.59 0.14	47.95 -0.76 1.38	59.12 -0.84 1.20	43.93 -0.79 2.75	31.18 -0.64 0.17	25.64 -0.56 0.00	12.60 -0.28 0.00	8.07 -0.18 0.00	6.21 -0.13 0.00	7.22 -0.15 0.00	16.44 -0.34 0.00	21.68 -0.47 -0.04	29.40 -0.57 -0.03	57.73 -0.80 -2.48	43.83 -0.53 -0.33	46.51 -0.69 0.12	45.52 -0.79 1.35	38.00 -0.70 7.26	25.14 -0.42 1.38
ELEC_TRO_TEK 24086	37.90 1.73 0.00	27.32 1.24 0.00	30.35 1.28 0.00	28.23 1.09 0.00	27.85 1.14 0.00	37.72 1.46 0.00	51.97 1.89 0.00	63.19 2.02 0.00	49.16 1.69 0.00	33.61 1.61 0.00	27.79 1.59 0.00	13.58 0.71 0.00	8.96 0.47 -0.24	6.70 0.36 0.00	7.84 0.47 0.00	17.99 1.22 0.00	23.84 1.74 0.00	32.07 2.14 0.00	58.85 2.80 0.00	46.20 2.17 0.00	49.50 2.18 0.00	50.02 2.36 0.00	48.14 2.17 0.00	28.28 1.34 0.00
ELLENBURG_WT_PWR 323604	35.47 -0.71 0.00	25.49 -0.59 0.00	28.50 -0.57 0.00	26.68 -0.46 0.00	26.30 -0.41 0.00	35.83 -0.44 0.00	49.69 -0.40 0.00	60.78 -0.39 0.00	47.27 -0.20 0.00	31.86 -0.14 0.00	25.83 -0.36 0.00	12.60 -0.27 0.00	8.09 -0.16 0.00	6.18 -0.16 0.00	7.16 -0.21 0.00	16.22 -0.55 0.00	21.41 -0.70 0.00	28.90 -1.03 0.00	54.42 -1.62 0.00	42.94 -1.09 0.00	46.20 -1.12 0.00	46.64 -1.02 0.00	44.94 -1.02 0.00	26.34 -0.60 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.03 -3.63 3.51	23.57 -2.52 0.00	25.91 -2.76 0.41	24.65 -2.49 0.00	19.86 -2.44 4.41	25.56 -3.09 7.60	33.07 -4.34 12.68	23.62 -6.33 31.21	13.03 -4.98 29.47	13.29 -3.63 15.08	16.63 -2.83 6.73	9.74 -1.43 1.70	7.36 -0.82 0.07	3.51 -0.61 2.22	2.79 -0.71 3.86	7.30 -1.71 7.77	10.45 -2.42 9.24	12.92 -3.19 13.83	12.70 -5.20 38.15	17.88 -3.72 22.43	19.70 -4.29 23.32	18.10 -4.75 24.81	11.27 -3.38 31.31	15.61 -2.43 8.89
EMPIRE_CC_1 323656	37.02 0.84 0.00	26.60 0.51 0.00	29.75 0.68 0.00	27.72 0.59 0.00	27.22 0.51 0.00	36.91 0.65 0.00	50.59 0.50 0.00	61.60 0.44 0.00	47.96 0.48 0.00	32.52 0.52 0.00	26.66 0.46 0.00	13.10 0.22 0.00	8.36 0.11 0.00	6.43 0.09 0.00	7.49 0.12 0.00	17.10 0.33 0.00	22.65 0.54 0.00	30.52 0.58 0.00	56.63 0.58 0.00	44.26 0.23 0.00	48.00 0.69 0.00	48.38 0.72 0.00	46.55 0.59 0.00	27.41 0.47 0.00
EMPIRE_CC_2 323658	37.02 0.84 0.00	26.60 0.51 0.00	29.75 0.68 0.00	27.72 0.59 0.00	27.22 0.51 0.00	36.91 0.65 0.00	50.59 0.50 0.00	61.60 0.44 0.00	47.96 0.48 0.00	32.52 0.52 0.00	26.66 0.46 0.00	13.10 0.22 0.00	8.36 0.11 0.00	6.43 0.09 0.00	7.49 0.12 0.00	17.10 0.33 0.00	22.65 0.54 0.00	30.52 0.58 0.00	56.63 0.58 0.00	44.26 0.23 0.00	48.00 0.69 0.00	48.38 0.72 0.00	46.55 0.59 0.00	27.41 0.47 0.00
ENORWICH_115KV_TB1 80156	37.46 0.67 -0.61	26.52 0.44 0.00	29.50 0.34 -0.08	27.59 0.46 0.00	27.94 0.61 -0.62	38.51 1.28 -0.97	54.26 2.11 -2.06	89.50 2.94 -25.40	58.84 1.05 -10.32	33.75 -0.30 -2.05	26.81 -0.27 -0.89	12.79 -0.31 -0.22	8.08 -0.18 -0.01	6.48 -0.15 -0.29	7.72 -0.15 -0.51	17.52 -0.27 -1.01	22.83 -0.42 -1.14	31.65 -0.05 -1.75	60.47 1.52 -2.90	48.33 1.64 -2.66	55.28 1.23 -6.74	54.00 0.92 -5.42	53.20 1.14 -6.11	29.11 0.62 -1.55
ERIE_ST__34_KV_TB1-2 80199	30.09 -2.62 3.47	24.29 -1.80 0.00	26.70 -1.96 0.43	25.38 -1.76 0.00	21.10 -1.73 3.88	27.75 -2.10 6.41	34.93 -2.91 12.25	25.92 -4.43 30.81	15.17 -3.53 28.78	15.97 -2.63 13.41	18.24 -2.03 5.93	10.32 -1.06 1.49	7.60 -0.59 0.06	3.96 -0.42 1.96	3.48 -0.49 3.40	8.78 -1.17 6.83	12.21 -1.72 8.18	15.40 -2.34 12.20	17.37 -3.77 34.90	21.58 -2.48 19.97	23.25 -3.00 21.06	21.54 -3.38 22.74	12.82 -2.15 30.99	16.77 -1.68 8.49
ERIE_WT_PWR 323693	28.21 -3.33 4.64	23.54 -2.31 0.23	24.86 -2.52 1.69	22.00 -2.29 2.85	10.80 -2.24 13.67	18.05 -2.84 15.37	21.25 -3.97 24.87	24.00 -5.89 31.28	13.45 -4.65 29.38	14.25 -3.32 14.43	17.14 -2.64 6.42	9.91 -1.34 1.62	7.40 -0.78 0.06	3.65 -3.02 2.12	3.07 -1.59 3.68	7.79 -2.25 7.39	11.04 -2.25 8.82	13.81 -2.88 13.24	12.43 -4.79 38.83	8.62 -3.38 32.03	-0.18 -3.92 43.57	13.41 -4.40 29.85	3.39 -3.21 39.36	15.55 -2.27 9.11
ESPRGFLD_115KV_TB1 80157	36.47 0.29 0.00	26.43 0.34 0.00	29.48 0.40 0.00	27.49 0.35 0.00	27.12 0.40 0.00	36.85 0.59 0.00	51.24 1.15 0.00	63.74 1.49 -1.09	50.76 0.78 -2.51	32.35 0.20 -0.16	26.34 0.14 0.00	12.96 0.09 0.00	8.33 0.08 0.00	6.40 0.07 0.00	7.43 0.06 0.00	16.89 0.12 0.00	22.11 0.00 0.00	30.06 0.12 0.00	56.97 0.92 0.00	45.01 0.98 0.00	48.07 0.75 0.00	49.45 0.60 -1.19	53.06 0.68 -6.42	28.50 0.34 -1.22
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.07 -0.13 0.98	26.04 -0.05 0.00	28.80 -0.11 0.18	27.05 -0.09 0.00	26.88 -0.05 -0.22	37.56 0.07 -1.23	48.73 0.18 1.54	118.43 0.40 -56.87	60.33 -0.07 -12.93	34.74 -0.37 -3.11	27.45 -0.39 -1.64	13.05 -0.23 -0.41	8.11 -0.16 -0.02	6.76 -0.11 -0.54	8.17 -0.13 -0.93	18.38 -0.27 -1.88	23.86 -0.42 -2.17	32.84 -0.37 -3.28	64.44 -0.04 -8.44	49.60 0.24 -5.33	62.21 0.06 -14.83	53.71 -0.09 -6.14	28.85 0.01 17.12	24.37 -0.02 2.55
ETNA____115KV_TB2 80207	35.07 -0.13 0.98	26.04 -0.05 0.00	28.80 -0.11 0.18	27.05 -0.09 0.00	26.88 -0.05 -0.22	37.56 0.07 -1.23	48.73 0.18 1.54	118.43 0.40 -56.87	60.33 -0.07 -12.93	34.74 -0.37 -3.11	27.45 -0.39 -1.64	13.05 -0.23 -0.41	8.11 -0.16 -0.02	6.76 -0.11 -0.54	8.17 -0.13 -0.93	18.38 -0.27 -1.88	23.86 -0.42 -2.17	32.84 -0.37 -3.28	64.44 -0.04 -8.44	49.60 0.24 -5.33	62.21 0.06 -14.83	53.71 -0.09 -6.14	28.85 0.01 17.12	24.37 -0.02 2.55
EUCLID__115KV_TB2 356179	35.37 -0.81 0.00	25.55 -0.54 0.00	28.45 -0.63 0.00	26.56 -0.58 0.00	26.16 -0.55 0.00	35.55 -0.72 0.00	49.30 -0.79 0.00	60.26 -0.91 0.00	46.65 -0.83 0.00	31.36 -0.64 0.00	25.65 -0.54 0.00	12.61 -0.26 0.00	8.09 -0.16 0.00	6.22 -0.12 0.00	7.23 -0.14 0.00	16.45 -0.32 0.00	21.67 -0.44 0.00	29.41 -0.53 0.00	55.24 -0.81 0.00	43.45 -0.58 0.00	46.59 -0.73 0.00	46.84 -0.82 0.00	45.22 -0.74 0.00	26.49 -0.45 0.00
E_CANADA_CAP_HY 24051	36.68 0.51 0.00	26.57 0.48 0.00	29.67 0.59 0.00	27.64 0.51 0.00	27.27 0.56 0.00	37.02 0.76 0.00	51.54 1.45 0.00	63.04 1.88 0.00	48.42 0.95 0.00	32.01 0.01 0.00	26.10 -0.10 0.00	12.82 -0.06 0.00	8.23 -0.02 0.00	6.32 -0.01 0.00	7.33 -0.04 0.00	16.68 -0.10 0.00	21.93 -0.18 0.00	29.90 -0.04 0.00	57.17 1.13 0.00	45.33 1.30 0.00	48.43 1.11 0.00	48.57 0.91 0.00	46.93 0.97 0.00	27.41 0.47 0.00
E_CANADA_MHWK_HY 24050	36.73 0.56 0.00	26.51 0.43 0.00	29.57 0.50 0.00	27.52 0.39 0.00	27.03 0.32 0.00	36.87 0.61 0.00	50.90 0.81 0.00	62.26 1.10 0.00	47.73 0.25 0.00	31.75 -0.25 0.00	25.78 -0.41 0.00	12.64 -0.24 0.00	8.05 -0.20 0.00	6.20 -0.14 0.00	7.20 -0.16 0.00	16.48 -0.29 0.00	21.95 -0.16 0.00	30.25 0.31 0.00	56.90 0.85 0.00	44.62 0.59 0.00	48.16 0.84 0.00	48.45 0.79 0.00	46.43 0.46 0.00	27.20 0.26 0.00
E_FISHKILL__LBMP 23776	37.50 1.33 0.00	26.97 0.88 0.00	29.98 0.91 0.00	27.90 0.76 0.00	27.52 0.81 0.00	37.33 1.07 0.00	51.55 1.46 0.00	63.04 1.88 0.00	49.01 1.53 0.00	33.30 1.30 0.00	27.43 1.24 0.00	13.44 0.57 0.00	8.61 0.37 0.00	6.63 0.29 0.00	7.74 0.37 0.00	17.72 0.95 0.00	23.41 1.30 0.00	31.61 1.68 0.00	58.38 2.33 0.00	45.69 1.66 0.00	49.04 1.72 0.00	49.55 1.89 0.00	47.65 1.69 0.00	27.97 1.03 0.00
FALCON__SEABRD_CC1 323796	35.82 -0.35 0.00	25.74 -0.35 0.00	28.78 -0.29 0.00	26.97 -0.17 0.00	26.56 -0.15 0.00	36.24 -0.02 0.00	50.26 0.17 0.00	61.51 0.35 0.00	47.86 0.38 0.00	32.27 0.27 0.00	26.12 -0.07 0.00	12.72 -0.15 0.00	8.18 -0.07 0.00	6.24 -0.09 0.00	7.24 -0.13 0.00	16.41 -0.36 0.00	21.66 -0.45 0.00	29.23 -0.71 0.00	55.01 -1.04 0.00	43.38 -0.65 0.00	46.74 -0.58 0.00	47.17 -0.49 0.00	45.38 -0.58 0.00	26.62 -0.32 0.00
FALCON__SEABRD_CC2 323797	35.82 -0.35 0.00	25.74 -0.35 0.00	28.78 -0.29 0.00	26.97 -0.17 0.00	26.56 -0.15 0.00	36.24 -0.02 0.00	50.26 0.17 0.00	61.51 0.35 0.00	47.86 0.38 0.00	32.27 0.27 0.00	26.12 -0.07 0.00	12.72 -0.15 0.00	8.18 -0.07 0.00	6.24 -0.09 0.00	7.24 -0.13 0.00	16.41 -0.36 0.00	21.66 -0.45 0.00	29.23 -0.71 0.00	55.01 -1.04 0.00	43.38 -0.65 0.00	46.74 -0.58 0.00	47.17 -0.49 0.00	45.38 -0.58 0.00	26.62 -0.32 0.00

FAR ROCKAWAY___4 23548	38.42 2.24 0.00	27.67 1.58 0.00	30.74 1.67 0.00	28.59 1.46 0.00	28.21 1.50 0.00	38.23 1.97 0.00	52.77 2.67 0.00	64.11 2.95 0.00	49.85 2.37 0.00	34.05 2.05 0.00	28.13 1.94 0.00	13.75 0.88 0.00	9.06 0.57 -0.24	6.78 0.44 0.00	7.93 0.56 0.00	18.21 1.44 0.00	24.16 2.05 0.00	32.52 2.58 0.00	59.67 3.62 0.00	46.82 2.79 0.00	50.16 2.85 0.00	50.68 3.02 0.00	48.77 2.80 0.00	28.62 1.69 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	38.04 1.87 0.00	27.38 1.30 0.00	30.43 1.35 0.00	28.30 1.17 0.00	27.94 1.23 0.00	37.87 1.61 0.00	52.33 2.24 0.00	63.96 2.80 0.00	49.78 2.30 0.00	33.92 1.92 0.00	28.02 1.83 0.00	13.73 0.86 0.00	8.82 0.57 0.00	6.79 0.45 0.00	7.94 0.57 0.00	18.19 1.41 0.00	24.01 1.90 0.00	32.35 2.42 0.00	59.56 3.51 0.00	46.58 2.56 0.00	49.87 2.55 0.00	50.50 2.84 0.00	48.57 2.61 0.00	28.51 1.57 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	38.06 1.88 0.00	27.38 1.30 0.00	30.43 1.35 0.00	28.31 1.17 0.00	27.95 1.23 0.00	37.88 1.62 0.00	52.35 2.26 0.00	63.98 2.82 0.00	49.80 2.33 0.00	33.93 1.93 0.00	28.02 1.83 0.00	13.73 0.86 0.00	8.82 0.57 0.00	6.79 0.45 0.00	7.94 0.57 0.00	18.19 1.41 0.00	24.01 1.90 0.00	32.36 2.42 0.00	59.57 3.52 0.00	46.59 2.57 0.00	49.89 2.57 0.00	50.52 2.86 0.00	48.58 2.62 0.00	28.52 1.58 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	38.02 1.84 0.00	27.36 1.28 0.00	30.41 1.33 0.00	28.29 1.15 0.00	27.93 1.22 0.00	37.85 1.59 0.00	52.30 2.21 0.00	63.94 2.77 0.00	49.77 2.29 0.00	33.91 1.91 0.00	28.01 1.82 0.00	13.73 0.85 0.00	8.82 0.57 0.00	6.79 0.45 0.00	7.93 0.57 0.00	18.18 1.40 0.00	24.00 1.89 0.00	32.34 2.40 0.00	59.51 3.46 0.00	46.55 2.52 0.00	49.84 2.53 0.00	50.48 2.81 0.00	48.53 2.57 0.00	28.49 1.55 0.00
FARRAGUT___LBMP 323566	38.00 1.82 0.00	27.35 1.27 0.00	30.39 1.31 0.00	28.27 1.14 0.00	27.91 1.20 0.00	37.83 1.57 0.00	52.27 2.18 0.00	63.89 2.72 0.00	49.72 2.24 0.00	33.88 1.88 0.00	27.98 1.79 0.00	13.71 0.84 0.00	8.81 0.56 0.00	6.78 0.44 0.00	7.93 0.56 0.00	18.16 1.39 0.00	23.98 1.87 0.00	32.31 2.37 0.00	59.46 3.41 0.00	46.51 2.48 0.00	49.80 2.48 0.00	50.43 2.77 0.00	48.50 2.54 0.00	28.47 1.53 0.00
FENNER___WINDPWR 24204	36.21 0.03 0.00	26.09 0.01 0.00	29.09 0.02 0.00	27.20 0.06 0.00	26.77 0.05 0.00	36.44 0.18 0.00	50.55 0.46 0.00	72.86 0.66 -11.04	50.78 0.18 -3.13	31.92 -0.08 0.00	26.07 -0.12 0.00	12.77 -0.10 0.00	8.17 -0.08 0.00	6.28 -0.06 0.00	7.30 -0.06 0.00	16.66 -0.12 0.00	21.99 -0.12 0.00	29.92 -0.02 0.00	56.52 0.47 0.00	44.56 0.54 0.00	49.62 0.32 -1.98	48.82 0.19 -0.97	46.10 0.13 0.00	26.98 0.04 0.00
FIBERTEK___ENERGY 23856	35.71 -0.47 0.00	25.79 -0.30 0.00	28.72 -0.36 0.00	26.81 -0.33 0.00	26.40 -0.31 0.00	35.89 -0.37 0.00	49.68 -0.41 0.00	60.73 -0.43 0.00	46.99 -0.49 0.00	31.56 -0.44 0.00	25.80 -0.40 0.00	12.67 -0.20 0.00	8.12 -0.13 0.00	6.25 -0.09 0.00	7.26 -0.11 0.00	16.54 -0.23 0.00	21.82 -0.33 -0.03	29.61 -0.35 -0.03	57.58 -0.40 -1.93	44.04 -0.24 -0.26	46.93 -0.39 0.00	46.04 -0.49 1.14	39.41 -0.43 6.12	25.51 -0.27 1.17
FITZPATRICK___ 23598	35.03 -1.15 0.00	25.31 -0.78 0.00	28.19 -0.89 0.00	26.32 -0.82 0.00	25.92 -0.80 0.00	35.18 -1.08 0.00	48.60 -1.49 0.00	59.38 -1.79 0.00	46.04 -1.44 0.00	30.97 -1.03 0.00	25.35 -0.84 0.00	12.47 -0.40 0.00	8.00 -0.25 0.00	6.15 -0.19 0.00	7.15 -0.22 0.00	16.26 -0.52 0.00	21.39 -0.71 0.00	29.00 -0.94 0.00	54.41 -1.63 0.00	42.79 -1.24 0.00	45.93 -1.38 0.00	46.20 -1.46 0.00	44.60 -1.36 0.00	26.14 -0.80 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.90 1.73 0.00	27.26 1.17 0.00	30.30 1.22 0.00	28.20 1.06 0.00	27.83 1.12 0.00	37.76 1.50 0.00	52.24 2.15 0.00	63.91 2.75 0.00	49.64 2.17 0.00	33.64 1.64 0.00	27.67 1.48 0.00	13.55 0.67 0.00	8.67 0.42 0.00	6.67 0.34 0.00	7.79 0.42 0.00	17.85 1.08 0.00	23.61 1.51 0.00	31.96 2.02 0.00	59.14 3.09 0.00	46.32 2.30 0.00	49.69 2.37 0.00	50.18 2.52 0.00	48.23 2.26 0.00	28.28 1.34 0.00
FORT ORANGE___ 23900	37.50 1.32 0.00	26.97 0.88 0.00	30.11 1.03 0.00	28.06 0.93 0.00	27.59 0.88 0.00	37.46 1.20 0.00	51.61 1.52 0.00	62.98 1.81 0.00	48.87 1.39 0.00	32.95 0.95 0.00	26.92 0.73 0.00	13.22 0.35 0.00	8.45 0.20 0.00	6.50 0.16 0.00	7.56 0.19 0.00	17.27 0.50 0.00	22.85 0.74 0.00	30.96 1.02 0.00	57.77 1.72 0.00	45.26 1.23 0.00	48.87 1.55 0.00	49.23 1.57 0.00	47.38 1.42 0.00	27.80 0.86 0.00
FORT_DRUM_COGEN 23780	34.43 -1.75 0.00	24.71 -1.38 0.00	27.81 -1.27 0.00	26.08 -1.05 0.00	25.47 -1.24 0.00	34.73 -1.53 0.00	48.73 -1.36 0.00	59.84 -1.32 0.00	46.01 -1.47 0.00	30.88 -1.12 0.00	25.18 -1.01 0.00	12.11 -0.76 0.00	7.63 -0.62 0.00	5.84 -0.50 0.00	6.69 -0.68 0.00	15.21 -1.57 0.00	20.29 -1.81 0.00	27.97 -1.97 0.00	54.46 -1.59 0.00	43.64 -0.39 0.00	46.25 -1.07 0.00	46.08 -1.58 0.00	44.08 -1.88 0.00	25.49 -1.45 0.00
FOX_HILLS___ESR 323835	37.96 1.78 0.00	27.30 1.22 0.00	30.20 1.12 0.00	28.10 0.96 0.00	27.90 1.19 0.00	37.77 1.51 0.00	52.27 2.18 0.00	63.96 2.79 0.00	49.84 2.36 0.00	33.94 1.94 0.00	28.01 1.82 0.00	13.72 0.85 0.00	3.32 0.57 5.50	6.79 0.45 0.00	7.94 0.57 0.00	18.19 1.41 0.00	23.99 1.88 0.00	32.32 2.38 0.00	59.71 3.66 0.00	46.75 2.72 0.00	50.06 2.74 0.00	50.74 3.08 -0.01	48.70 2.74 0.00	28.51 1.56 -0.01
FPL_FAR_ROCK_GT1 24212	38.42 2.24 0.00	27.67 1.59 0.00	30.74 1.67 0.00	28.59 1.46 0.00	28.20 1.50 0.00	38.22 1.96 0.00	52.76 2.67 0.00	64.12 2.96 0.00	49.88 2.40 0.00	34.04 2.05 0.00	28.13 1.94 0.00	13.75 0.88 0.00	9.06 0.57 -0.24	6.78 0.45 0.00	7.93 0.56 0.00	18.21 1.44 0.00	24.15 2.04 0.00	32.52 2.58 0.00	59.67 3.62 0.00	46.83 2.80 0.00	50.18 2.87 0.00	50.69 3.03 0.00	48.81 2.85 0.00	28.63 1.69 0.00
FPL_FAR_ROCK_GT2 23815	38.42 2.24 0.00	27.67 1.59 0.00	30.74 1.67 0.00	28.59 1.46 0.00	28.20 1.50 0.00	38.22 1.96 0.00	52.76 2.67 0.00	64.12 2.96 0.00	49.88 2.40 0.00	34.04 2.05 0.00	28.13 1.94 0.00	13.75 0.88 0.00	9.06 0.57 -0.24	6.78 0.45 0.00	7.93 0.56 0.00	18.21 1.44 0.00	24.15 2.04 0.00	32.52 2.58 0.00	59.67 3.62 0.00	46.83 2.80 0.00	50.18 2.87 0.00	50.69 3.03 0.00	48.81 2.85 0.00	28.63 1.69 0.00
FRANKLIN_FALL_HYD 24054	35.89 -0.28 0.00	25.78 -0.30 0.00	28.84 -0.24 0.00	27.00 -0.14 0.00	26.59 -0.13 0.00	36.23 -0.03 0.00	50.29 0.20 0.00	61.75 0.58 0.00	47.96 0.48 0.00	32.27 0.28 0.00	26.15 -0.05 0.00	12.74 -0.14 0.00	8.15 -0.10 0.00	6.22 -0.12 0.00	7.18 -0.19 0.00	16.25 -0.52 0.00	21.44 -0.66 0.00	28.87 -1.06 0.00	54.64 -1.41 0.00	43.37 -0.66 0.00	46.54 -0.78 0.00	47.10 -0.56 0.00	45.27 -0.70 0.00	26.56 -0.38 0.00

FREEPORT_EQUS_GT1 23764	38.11 1.93 0.00	27.47 1.39 0.00	30.51 1.44 0.00	28.37 1.24 0.00	27.98 1.27 0.00	37.91 1.65 0.00	52.22 2.13 0.00	63.41 2.24 0.00	49.33 1.85 0.00	33.70 1.70 0.00	27.88 1.69 0.00	13.62 0.75 0.00	8.97 0.48 -0.24	6.71 0.38 0.00	7.86 0.48 0.00	18.04 1.26 0.00	23.95 1.84 0.00	32.20 2.26 0.00	59.05 3.00 0.00	46.36 2.33 0.00	49.69 2.38 0.00	50.20 2.54 0.00	48.36 2.40 0.00	28.39 1.45 0.00
FREEPORT___CT2 23818	38.11 1.93 0.00	27.47 1.39 0.00	30.51 1.44 0.00	28.37 1.24 0.00	27.98 1.27 0.00	37.91 1.65 0.00	52.22 2.13 0.00	63.41 2.24 0.00	49.33 1.85 0.00	33.70 1.70 0.00	27.88 1.69 0.00	13.62 0.75 0.00	8.97 0.48 -0.24	6.71 0.38 0.00	7.86 0.48 0.00	18.04 1.26 0.00	23.95 1.84 0.00	32.20 2.26 0.00	59.05 3.00 0.00	46.36 2.33 0.00	49.69 2.38 0.00	50.20 2.54 0.00	48.36 2.40 0.00	28.39 1.45 0.00
FRESHKLS_33_KV_LOAD 356253	37.89 1.71 0.00	27.23 1.14 0.00	30.12 1.04 0.00	28.03 0.90 0.00	27.83 1.12 0.00	37.68 1.42 0.00	52.15 2.06 0.00	63.85 2.68 0.00	49.74 2.26 0.00	33.91 1.91 0.00	27.96 1.76 0.00	13.68 0.81 0.00	3.78 0.55 5.02	6.79 0.44 0.00	7.94 0.57 0.00	18.18 1.41 0.00	23.98 1.87 0.00	32.34 2.40 0.00	59.83 3.78 0.00	46.85 2.83 0.00	50.16 2.85 0.00	50.84 3.18 -0.01	48.70 2.73 0.00	28.47 1.52 -0.01
FULTON COGEN____ 23766	35.04 -1.14 0.00	25.31 -0.78 0.00	28.19 -0.88 0.00	26.32 -0.82 0.00	25.92 -0.79 0.00	35.22 -1.04 0.00	48.91 -1.18 0.00	59.82 -1.34 0.00	46.29 -1.19 0.00	31.05 -0.95 0.00	25.34 -0.85 0.00	12.43 -0.44 0.00	7.95 -0.30 0.00	6.12 -0.22 0.00	7.11 -0.25 0.00	16.16 -0.61 0.00	21.22 -0.89 0.00	28.81 -1.12 0.00	54.27 -1.78 0.00	42.76 -1.28 0.00	45.85 -1.46 0.00	46.08 -1.58 0.00	44.43 -1.54 0.00	26.00 -0.93 0.00
FULTON___LFGE 323630	37.30 1.13 0.00	26.94 0.86 0.00	30.07 0.99 0.00	28.02 0.89 0.00	27.64 0.93 0.00	37.56 1.30 0.00	52.22 2.13 0.00	63.88 2.72 0.00	49.03 1.56 0.00	32.10 0.10 0.00	26.00 -0.19 0.00	12.70 -0.17 0.00	8.13 -0.12 0.00	6.25 -0.09 0.00	7.26 -0.11 0.00	16.55 -0.22 0.00	21.87 -0.24 0.00	30.13 0.19 0.00	57.86 1.81 0.00	45.89 1.87 0.00	49.22 1.91 0.00	49.41 1.75 0.00	47.63 1.67 0.00	27.81 0.87 0.00
G.F.CEMENT___DRP 24184	37.74 1.56 0.00	27.07 0.98 0.00	30.18 1.10 0.00	28.13 1.00 0.00	27.69 0.97 0.00	37.75 1.49 0.00	52.22 2.13 0.00	63.76 2.59 0.00	49.31 1.83 0.00	33.12 1.12 0.00	26.85 0.66 0.00	13.07 0.20 0.00	8.30 0.05 0.00	6.37 0.04 0.00	7.43 0.06 0.00	17.01 0.24 0.00	22.74 0.63 0.00	31.14 1.20 0.00	58.41 2.36 0.00	45.64 1.61 0.00	49.51 2.20 0.00	49.72 2.06 0.00	47.63 1.67 0.00	27.87 0.93 0.00
GARDENVILLE___LBMP 24039	29.00 -3.52 3.66	23.66 -2.42 0.00	26.00 -2.66 0.42	24.72 -2.41 0.00	19.60 -2.36 4.75	25.01 -2.98 8.27	32.49 -4.20 13.40	22.35 -6.14 32.67	11.70 -4.84 30.94	12.11 -3.52 16.37	16.10 -2.76 7.33	9.62 -1.40 1.85	7.37 -0.81 0.07	3.32 -0.59 2.42	2.47 -0.69 4.21	6.66 -1.65 8.46	9.74 -2.35 10.01	11.83 -3.10 15.01	11.45 -5.03 39.57	16.32 -3.54 24.16	18.00 -4.11 25.20	16.45 -4.59 26.62	10.32 -3.27 32.37	15.22 -2.36 9.36
GARDNVLA_35_KV_LD 355827	29.47 -3.23 3.48	23.86 -2.22 0.00	26.21 -2.44 0.42	24.93 -2.21 0.00	20.48 -2.17 4.06	26.74 -2.70 6.82	33.89 -3.77 12.44	24.51 -5.63 31.03	13.97 -4.42 29.09	14.68 -3.25 14.07	17.40 -2.54 6.25	10.00 -1.30 1.58	7.45 -0.73 0.06	3.74 -0.54 2.06	3.15 -0.63 3.58	8.05 -1.52 7.20	11.34 -2.17 8.60	14.26 -2.83 12.85	15.39 -4.50 36.16	19.95 -3.10 20.97	21.69 -3.64 21.98	19.93 -4.13 23.60	11.94 -2.85 31.17	16.14 -2.13 8.67
GELCKHM___115KV_LOAD 80723	35.49 -0.68 0.00	25.63 -0.45 0.00	28.55 -0.53 0.00	26.65 -0.48 0.00	26.25 -0.46 0.00	35.67 -0.59 0.00	49.45 -0.64 0.00	60.44 -0.72 0.00	46.78 -0.70 0.00	31.44 -0.56 0.00	25.71 -0.48 0.00	12.64 -0.23 0.00	8.10 -0.15 0.00	6.23 -0.11 0.00	7.24 -0.13 0.00	16.49 -0.29 0.00	21.71 -0.40 0.00	29.48 -0.46 0.00	55.40 -0.65 0.00	43.58 -0.45 0.00	46.73 -0.58 0.00	46.98 -0.68 0.00	45.35 -0.61 0.00	26.56 -0.38 0.00
GENERAL___MILLS 23808	29.33 -3.34 3.51	23.79 -2.30 0.00	26.14 -2.52 0.42	24.86 -2.28 0.00	20.31 -2.23 4.17	26.41 -2.81 7.04	33.58 -3.92 12.58	24.04 -5.84 31.28	13.52 -4.58 29.38	14.19 -3.38 14.43	17.13 -2.64 6.42	9.91 -1.34 1.62	7.41 -0.77 0.06	3.65 -0.57 2.12	3.03 -0.66 3.68	7.80 -1.59 7.39	11.03 -2.26 8.82	13.78 -2.97 13.19	14.59 -4.77 36.69	19.26 -3.31 21.46	20.97 -3.87 22.48	19.26 -4.33 24.07	11.56 -3.04 31.35	15.94 -2.23 8.77
GE_PLASTICS___DRP 24183	37.14 0.97 0.00	26.74 0.65 0.00	29.83 0.76 0.00	27.81 0.67 0.00	27.35 0.64 0.00	37.10 0.84 0.00	51.12 1.02 0.00	62.37 1.20 0.00	48.43 0.95 0.00	32.73 0.73 0.00	26.80 0.61 0.00	13.17 0.30 0.00	8.42 0.17 0.00	6.48 0.14 0.00	7.54 0.17 0.00	17.21 0.44 0.00	22.74 0.63 0.00	30.78 0.84 0.00	57.33 1.28 0.00	44.88 0.85 0.00	48.41 1.09 0.00	48.80 1.14 0.00	46.98 1.02 0.00	27.57 0.63 0.00
GILBOA___1 23756	36.82 0.65 0.00	26.61 0.52 0.00	29.65 0.57 0.00	27.64 0.50 0.00	27.20 0.49 0.00	36.80 0.54 0.00	50.75 0.66 0.00	61.89 0.73 0.00	47.90 0.42 0.00	32.39 0.40 0.00	26.57 0.38 0.00	13.17 0.30 0.00	8.44 0.19 0.00	6.49 0.15 0.00	7.55 0.19 0.00	17.19 0.42 0.00	22.49 0.39 0.00	30.46 0.52 0.00	56.80 0.75 0.00	44.34 0.32 0.00	47.70 0.39 0.00	48.19 0.53 0.00	46.51 0.55 0.00	27.29 0.35 0.00
GILBOA___2 23757	36.82 0.65 0.00	26.61 0.52 0.00	29.65 0.57 0.00	27.64 0.50 0.00	27.20 0.49 0.00	36.80 0.54 0.00	50.75 0.66 0.00	61.89 0.73 0.00	47.90 0.42 0.00	32.39 0.40 0.00	26.57 0.38 0.00	13.17 0.30 0.00	8.44 0.19 0.00	6.49 0.15 0.00	7.55 0.19 0.00	17.19 0.42 0.00	22.49 0.39 0.00	30.46 0.52 0.00	56.80 0.75 0.00	44.34 0.32 0.00	47.70 0.39 0.00	48.19 0.53 0.00	46.51 0.55 0.00	27.29 0.35 0.00
GILBOA___3 23758	36.82 0.65 0.00	26.61 0.52 0.00	29.65 0.57 0.00	27.64 0.50 0.00	27.20 0.49 0.00	36.80 0.54 0.00	50.75 0.66 0.00	61.89 0.73 0.00	47.90 0.42 0.00	32.39 0.40 0.00	26.57 0.38 0.00	13.17 0.30 0.00	8.44 0.19 0.00	6.49 0.15 0.00	7.55 0.19 0.00	17.19 0.42 0.00	22.49 0.39 0.00	30.46 0.52 0.00	56.80 0.75 0.00	44.34 0.32 0.00	47.70 0.39 0.00	48.19 0.53 0.00	46.51 0.55 0.00	27.29 0.35 0.00
GILBOA___4 23759	36.82 0.65 0.00	26.61 0.52 0.00	29.65 0.57 0.00	27.64 0.50 0.00	27.20 0.49 0.00	36.80 0.54 0.00	50.75 0.66 0.00	61.89 0.73 0.00	47.90 0.42 0.00	32.39 0.40 0.00	26.57 0.38 0.00	13.17 0.30 0.00	8.44 0.19 0.00	6.49 0.15 0.00	7.55 0.19 0.00	17.19 0.42 0.00	22.49 0.39 0.00	30.46 0.52 0.00	56.80 0.75 0.00	44.34 0.32 0.00	47.70 0.39 0.00	48.19 0.53 0.00	46.51 0.55 0.00	27.29 0.35 0.00

GILBOA____ 23599	36.82 0.65 0.00	26.61 0.52 0.00	29.65 0.57 0.00	27.63 0.50 0.00	27.21 0.49 0.00	36.81 0.55 0.00	50.75 0.66 0.00	61.90 0.74 0.00	47.89 0.42 0.00	32.40 0.40 0.00	26.57 0.38 0.00	13.17 0.30 0.00	8.44 0.19 0.00	6.49 0.15 0.00	7.55 0.19 0.00	17.19 0.42 0.00	22.49 0.39 0.00	30.46 0.53 0.00	56.79 0.74 0.00	44.34 0.31 0.00	47.70 0.38 0.00	48.19 0.53 0.00	46.51 0.54 0.00	27.29 0.35 0.00
GINNA____ 23603	31.33 -3.16 1.69	23.76 -2.26 0.07	25.97 -2.51 0.59	23.96 -2.30 0.87	20.98 -2.25 3.48	30.47 -2.89 2.90	39.18 -3.88 7.03	45.06 -4.96 11.13	34.41 -3.95 9.12	28.66 -2.91 0.43	23.76 -2.43 0.00	11.65 -1.22 0.00	7.50 -0.75 0.00	5.77 -0.57 0.00	6.70 -0.67 0.00	15.20 -1.57 0.00	19.52 -2.08 0.51	26.85 -2.71 0.38	20.20 -4.33 31.52	33.54 -3.25 7.24	35.78 -3.66 7.88	38.20 -3.92 5.54	23.21 -3.45 19.30	21.42 -2.20 3.33
GLEN PARK____ 23778	34.51 -1.67 0.00	24.77 -1.32 0.00	27.87 -1.21 0.00	26.14 -0.99 0.00	25.53 -1.18 0.00	34.83 -1.43 0.00	48.91 -1.18 0.00	60.04 -1.12 0.00	46.15 -1.33 0.00	30.96 -1.04 0.00	25.24 -0.95 0.00	12.12 -0.76 0.00	7.63 -0.62 0.00	5.84 -0.51 0.00	6.68 -0.69 0.00	15.17 -1.61 0.00	20.25 -1.86 0.00	27.93 -2.01 0.00	54.47 -1.57 0.00	43.71 -0.32 0.00	46.35 -0.97 0.00	46.17 -1.50 0.00	44.11 -1.85 0.00	25.50 -1.44 0.00
GLENDALE_27_KV_LOAD 356172	38.25 2.08 0.00	27.52 1.43 0.00	30.52 1.44 0.00	28.39 1.26 0.00	28.08 1.37 0.00	38.06 1.80 0.00	52.60 2.51 0.00	64.30 3.14 0.00	50.08 2.60 0.00	34.14 2.14 0.00	28.20 2.00 -0.01	13.81 0.94 0.00	12.54 0.63 -3.66	6.84 0.50 0.00	7.99 0.62 0.00	18.30 1.53 0.00	24.15 2.04 0.00	32.51 2.58 0.00	59.85 3.80 0.00	46.84 2.81 0.00	50.14 2.82 0.00	50.80 3.14 0.00	48.85 2.89 0.00	28.68 1.74 -0.01
GLENWOOD_IC_1_G5 23712	38.08 1.90 0.00	27.41 1.32 0.00	30.45 1.37 0.00	28.31 1.18 0.00	27.94 1.23 0.00	37.87 1.61 0.00	52.23 2.14 0.00	63.27 2.10 0.00	49.22 1.74 0.00	33.65 1.66 0.00	27.91 1.72 0.00	13.66 0.78 0.00	9.00 0.51 -0.24	6.74 0.40 0.00	7.88 0.51 0.00	18.08 1.31 0.00	23.93 1.82 0.00	32.10 2.17 0.00	58.93 2.88 0.00	46.18 2.16 0.00	49.47 2.16 0.00	50.05 2.38 0.00	48.36 2.40 0.00	28.39 1.45 0.00
GLENWOOD_IC_2_G1 23688	37.97 1.79 0.00	27.33 1.24 0.00	30.34 1.27 0.00	28.22 1.08 0.00	27.85 1.14 0.00	37.74 1.48 0.00	52.09 2.00 0.00	63.52 2.36 0.00	49.42 1.94 0.00	33.67 1.67 0.00	27.83 1.64 0.00	13.62 0.75 -0.24	8.98 0.49 0.00	6.72 0.39 0.00	7.86 0.49 0.00	18.03 1.25 0.00	23.84 1.73 0.00	32.10 2.16 0.00	59.07 3.02 0.00	46.26 2.24 0.00	49.58 2.27 0.00	50.12 2.46 0.00	48.27 2.31 0.00	28.31 1.38 0.00
GLENWOOD_IC_3_G1 23689	37.97 1.79 0.00	27.33 1.24 0.00	30.34 1.27 0.00	28.22 1.08 0.00	27.85 1.14 0.00	37.74 1.48 0.00	52.09 2.00 0.00	63.52 2.36 0.00	49.42 1.94 0.00	33.67 1.67 0.00	27.83 1.64 0.00	13.62 0.75 -0.24	8.98 0.49 0.00	6.72 0.39 0.00	7.86 0.49 0.00	18.03 1.25 0.00	23.84 1.73 0.00	32.10 2.16 0.00	59.07 3.02 0.00	46.26 2.24 0.00	49.58 2.27 0.00	50.12 2.46 0.00	48.27 2.31 0.00	28.31 1.38 0.00
GLENWOOD___4 23550	38.08 1.90 0.00	27.41 1.32 0.00	30.45 1.37 0.00	28.31 1.18 0.00	27.94 1.23 0.00	37.87 1.61 0.00	52.23 2.14 0.00	63.39 2.23 0.00	49.32 1.85 0.00	33.70 1.71 0.00	27.91 1.72 0.00	13.66 0.78 -0.24	9.00 0.51 0.00	6.74 0.40 0.00	7.88 0.51 0.00	18.08 1.31 0.00	23.93 1.82 0.00	32.15 2.22 0.00	59.04 2.99 0.00	46.27 2.24 0.00	49.56 2.25 0.00	50.12 2.46 0.00	48.36 2.40 0.00	28.39 1.45 0.00
GLENWOOD___5 23614	38.08 1.90 0.00	27.41 1.32 0.00	30.45 1.37 0.00	28.31 1.18 0.00	27.94 1.23 0.00	37.87 1.61 0.00	52.23 2.14 0.00	63.39 2.23 0.00	49.32 1.85 0.00	33.70 1.71 0.00	27.91 1.72 0.00	13.66 0.78 -0.24	9.00 0.51 0.00	6.74 0.40 0.00	7.88 0.51 0.00	18.08 1.31 0.00	23.93 1.82 0.00	32.15 2.22 0.00	59.04 2.99 0.00	46.27 2.24 0.00	49.56 2.25 0.00	50.12 2.46 0.00	48.36 2.40 0.00	28.39 1.45 0.00
GLOBAL GREEN_PORT_GT1 23814	39.11 2.94 0.00	28.36 2.27 0.00	31.53 2.46 0.00	29.35 2.21 0.00	29.00 2.29 0.00	39.34 3.08 0.00	56.14 3.83 -2.21	65.02 3.86 0.00	50.37 2.90 0.00	34.32 2.32 0.00	28.36 2.17 0.00	13.79 0.91 0.00	9.07 0.59 -0.24	6.75 0.41 0.00	7.90 0.53 0.00	18.21 1.43 0.00	24.40 2.30 0.00	33.04 3.10 0.00	60.61 4.56 0.00	47.64 3.61 0.00	51.09 3.78 0.00	51.35 3.69 0.00	49.20 3.24 0.00	28.14 1.20 0.00
GLOBE___DSASP 323697	28.64 -4.45 3.08	22.94 -3.14 0.00	25.27 -3.43 0.37	24.06 -3.08 0.00	20.17 -3.02 3.52	26.48 -3.91 5.87	33.94 -5.44 10.71	26.14 -7.85 27.18	15.98 -6.09 25.40	15.88 -4.46 11.66	17.55 -3.50 5.15	9.81 -1.77 1.30	7.16 -1.04 0.05	3.88 -0.76 1.70	3.53 -0.89 2.95	8.69 -2.16 5.93	11.89 -3.00 7.22	15.28 -3.97 10.69	14.74 -6.73 34.58	21.27 -4.87 17.89	23.51 -5.48 18.32	21.75 -5.91 20.00	13.30 -4.32 28.35	16.27 -3.03 7.64
GOETHSLN___LBMP 323567	37.87 1.70 0.00	27.26 1.17 0.00	30.29 1.21 0.00	28.19 1.06 0.00	27.83 1.12 0.00	37.69 1.43 0.00	52.08 1.99 0.00	63.67 2.50 0.00	49.54 2.07 0.00	33.74 1.75 0.00	27.89 1.70 0.00	13.67 0.80 1.81	6.99 0.54 0.00	6.77 0.43 0.00	7.92 0.55 0.00	18.13 1.36 0.00	23.92 1.82 0.00	32.23 2.30 0.00	59.29 3.24 0.00	46.41 2.38 0.00	49.67 2.36 0.00	50.31 2.65 0.00	48.37 2.41 0.00	28.42 1.48 0.00
GOLAH___69_KV_TB_1_2 80279	32.78 -1.86 1.53	24.78 -1.30 0.00	27.40 -1.44 0.23	25.85 -1.28 0.00	24.82 -1.23 0.66	34.38 -1.48 0.40	44.28 -1.91 3.89	45.52 -2.72 12.92	34.52 -2.20 10.76	28.34 -1.89 1.76	23.89 -1.64 0.66	11.95 -0.84 0.08	7.76 -0.49 0.00	5.93 -0.36 0.04	6.90 -0.43 0.04	15.72 -1.06 0.00	19.68 -1.45 0.98	27.30 -1.78 0.86	28.89 -2.36 24.80	39.17 -1.53 3.33	43.49 -1.86 1.97	41.16 -2.18 4.32	25.57 -1.48 18.91	22.16 -1.17 3.60
GOODYEAR_LAKE_HYD 323669	37.41 0.44 -0.80	26.49 0.40 0.00	29.64 0.44 -0.12	27.54 0.40 0.00	27.48 0.43 -0.34	37.11 0.64 -0.21	53.15 1.04 -2.02	64.28 1.36 -1.76	52.33 0.78 -4.08	32.67 0.42 -0.25	26.55 0.36 0.00	13.08 0.20 0.00	8.39 0.14 0.00	6.45 0.12 0.00	7.50 0.13 0.00	17.08 0.30 0.00	22.36 0.26 0.00	30.39 0.45 0.00	57.13 1.08 0.00	44.90 0.87 0.00	48.23 0.75 -0.17	50.29 0.69 -1.94	57.12 0.70 -10.46	29.32 0.38 -1.99
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	39.43 -0.47 -3.73	25.83 -0.25 0.00	29.31 -0.33 -0.57	26.81 -0.32 0.00	28.02 -0.29 -1.60	36.95 -0.29 -0.97	59.12 -0.44 -9.47	63.34 -0.26 -2.44	63.47 -0.44 -16.44	32.82 -0.34 -1.16	25.92 -0.27 0.00	12.74 -0.13 0.00	8.19 -0.06 0.00	6.30 -0.04 0.00	7.31 -0.06 0.00	16.63 -0.15 0.04	21.78 -0.29 0.04	29.57 -0.33 0.04	55.56 -0.49 0.00	43.72 -0.30 0.00	46.16 -0.55 0.60	55.11 -0.61 -8.06	92.58 -0.50 -47.12	35.65 -0.27 -8.97





GOWANUS_GT4_5 24134	38.07 1.89 0.00	27.37 1.29 0.00	30.27 1.19 0.00	28.18 1.04 0.00	27.96 1.25 0.00	37.88 1.62 0.00	52.39 2.30 0.00	64.06 2.90 0.00	49.91 2.43 0.00	34.01 2.02 0.00	28.07 1.87 0.00	13.73 0.86 0.00	5.81 0.58 3.02	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.37 2.43 0.00	59.70 3.65 0.00	46.75 2.72 0.00	50.08 2.76 0.00	50.76 3.09 -0.01	48.77 2.81 0.00	28.59 1.64 -0.01
GOWANUS_GT4_6 24135	38.07 1.89 0.00	27.37 1.29 0.00	30.27 1.19 0.00	28.18 1.04 0.00	27.96 1.25 0.00	37.88 1.62 0.00	52.39 2.30 0.00	64.06 2.90 0.00	49.91 2.43 0.00	34.01 2.02 0.00	28.07 1.87 0.00	13.73 0.86 0.00	5.81 0.58 3.02	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.37 2.43 0.00	59.70 3.65 0.00	46.75 2.72 0.00	50.08 2.76 0.00	50.76 3.09 -0.01	48.77 2.81 0.00	28.59 1.64 -0.01
GOWANUS_GT4_7 24136	38.07 1.89 0.00	27.37 1.29 0.00	30.27 1.19 0.00	28.18 1.04 0.00	27.96 1.25 0.00	37.88 1.62 0.00	52.39 2.30 0.00	64.06 2.90 0.00	49.91 2.43 0.00	34.01 2.02 0.00	28.07 1.87 0.00	13.73 0.86 0.00	5.81 0.58 3.02	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.37 2.43 0.00	59.70 3.65 0.00	46.75 2.72 0.00	50.08 2.76 0.00	50.76 3.09 -0.01	48.77 2.81 0.00	28.59 1.64 -0.01
GOWANUS_GT4_8 24137	38.07 1.89 0.00	27.37 1.29 0.00	30.27 1.19 0.00	28.18 1.04 0.00	27.96 1.25 0.00	37.88 1.62 0.00	52.39 2.30 0.00	64.06 2.90 0.00	49.91 2.43 0.00	34.01 2.02 0.00	28.07 1.87 0.00	13.73 0.86 0.00	5.81 0.58 3.02	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.37 2.43 0.00	59.70 3.65 0.00	46.75 2.72 0.00	50.08 2.76 0.00	50.76 3.09 -0.01	48.77 2.81 0.00	28.59 1.64 -0.01
GREATVR_69_KV_BK1 356245	38.62 2.45 0.00	27.87 1.78 0.00	30.97 1.89 0.00	28.80 1.66 0.00	28.42 1.71 0.00	38.51 2.25 0.00	54.73 2.88 -1.76	64.02 2.86 0.00	49.68 2.20 0.00	33.98 1.99 0.00	28.13 1.94 0.00	13.71 0.83 0.00	9.02 0.54 -0.24	6.74 0.40 0.00	7.89 0.52 0.00	18.14 1.37 0.00	24.19 2.08 0.00	32.61 2.67 0.00	59.71 3.66 0.00	46.89 2.86 0.00	50.25 2.93 0.00	50.72 3.06 0.00	48.80 2.84 0.00	28.65 1.71 0.00
GREENBSH_115KV_TB3 55895	37.31 1.14 0.00	26.84 0.75 0.00	29.97 0.89 0.00	27.93 0.80 0.00	27.46 0.74 0.00	37.26 1.00 0.00	51.29 1.20 0.00	62.56 1.40 0.00	48.60 1.13 0.00	32.86 0.86 0.00	26.89 0.70 0.00	13.21 0.33 0.00	8.44 0.19 0.00	6.49 0.15 0.00	7.56 0.19 0.00	17.26 0.49 0.00	22.84 0.73 0.00	30.91 0.97 0.00	57.51 1.46 0.00	45.00 0.97 0.00	48.61 1.30 0.00	48.98 1.32 0.00	47.13 1.17 0.00	27.67 0.73 0.00
GREENDGE_115KV_TB5 80291	31.31 -1.62 3.25	25.03 -1.05 0.00	27.20 -1.24 0.64	25.97 -1.16 0.00	27.55 -1.13 -1.97	41.80 -1.37 -6.90	44.09 -2.28 3.72	12.10 -3.40 45.66	23.00 -2.72 21.75	45.51 -1.92 -15.43	32.44 -1.69 -7.93	14.01 -0.87 -2.00	7.78 -0.55 -0.08	8.54 -0.41 -2.62	11.45 -0.48 -4.56	24.94 -1.02 -9.18	31.54 -1.41 -10.84	44.43 -1.73 -16.22	109.60 -3.03 -56.58	70.19 -2.00 -28.16	59.24 -2.43 -14.36	50.63 -2.75 -5.72	-16.01 -2.13 59.84	17.87 -1.15 7.91
GREENIDGE__3 23582	31.31 -1.62 3.25	25.03 -1.05 0.00	27.20 -1.24 0.64	25.97 -1.16 0.00	27.55 -1.13 -1.97	41.80 -1.37 -6.90	44.09 -2.28 3.72	12.10 -3.40 45.66	23.00 -2.72 21.75	45.51 -1.92 -15.43	32.44 -1.69 -7.93	14.01 -0.87 -2.00	7.78 -0.55 -0.08	8.54 -0.41 -2.62	11.45 -0.48 -4.56	24.94 -1.02 -9.18	31.54 -1.41 -10.84	44.43 -1.73 -16.22	109.60 -3.03 -56.58	70.19 -2.00 -28.16	59.24 -2.43 -14.36	50.63 -2.75 -5.72	-16.01 -2.13 59.84	17.87 -1.15 7.91
GREENIDGE__4 23583	31.56 -1.62 2.99	25.08 -1.06 -0.05	27.49 -1.24 0.35	26.61 -1.17 -0.64	29.70 -1.14 -4.13	43.69 -1.37 -8.79	47.33 -2.28 0.48	12.00 -3.50 45.66	22.90 -2.83 21.75	45.50 -1.93 -15.43	32.44 -1.69 -7.93	14.01 -0.87 -2.00	7.78 -0.55 -0.08	8.54 -0.41 -2.62	11.45 -0.48 -4.56	24.94 -1.02 -9.18	31.54 -1.41 -10.84	44.45 -1.72 -16.23	110.15 -3.05 -57.15	72.97 -2.04 -30.98	64.82 -2.47 -19.98	52.13 -2.79 -7.26	-13.95 -2.21 57.71	17.96 -1.16 7.82
GREENLWN_69_KV_BK 3 55738	38.10 1.92 0.00	27.46 1.38 0.00	30.51 1.44 0.00	28.37 1.24 0.00	27.99 1.28 0.00	37.88 1.62 0.00	50.06 1.94 1.97	63.04 1.88 0.00	48.92 1.44 0.00	33.54 1.55 0.00	27.82 1.63 0.00	13.58 0.70 0.00	8.95 0.46 -0.24	6.69 0.35 0.00	7.83 0.46 0.00	17.99 1.21 0.00	23.90 1.80 0.00	32.14 2.21 0.00	58.72 2.67 0.00	46.05 2.02 0.00	49.36 2.04 0.00	49.91 2.25 0.00	48.08 2.12 0.00	28.29 1.35 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	38.07 1.89 0.00	27.37 1.29 0.00	30.27 1.19 0.00	28.18 1.04 0.00	27.96 1.25 0.00	37.88 1.62 0.00	52.39 2.30 0.00	64.06 2.90 0.00	49.91 2.43 0.00	34.01 2.02 0.00	28.07 1.87 0.00	13.73 0.86 0.00	5.81 0.58 3.02	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.37 2.43 0.00	59.70 3.65 0.00	46.75 2.72 0.00	50.08 2.76 0.00	50.76 3.09 -0.01	48.77 2.81 0.00	28.59 1.64 -0.01
GRISSOM__SOLAR 323813	37.40 1.22 0.00	27.00 0.91 0.00	30.13 1.05 0.00	28.08 0.94 0.00	27.69 0.98 0.00	37.63 1.37 0.00	52.25 2.16 0.00	63.90 2.74 0.00	49.07 1.60 0.00	32.08 0.08 0.00	25.94 -0.25 0.00	12.66 -0.21 0.00	8.10 -0.15 0.00	6.22 -0.12 0.00	7.24 -0.13 0.00	16.51 -0.26 0.00	21.84 -0.27 0.00	30.13 0.19 0.00	57.89 1.84 0.00	45.92 1.89 0.00	49.29 1.98 0.00	49.51 1.85 0.00	47.69 1.72 0.00	27.87 0.93 0.00
GROVEVILLE__HYD 323602	37.90 1.73 0.00	27.26 1.17 0.00	30.30 1.22 0.00	28.20 1.06 0.00	27.83 1.12 0.00	37.76 1.50 0.00	52.24 2.15 0.00	63.91 2.75 0.00	49.64 2.17 0.00	33.64 1.64 0.00	27.67 1.48 0.00	13.55 0.67 0.00	8.67 0.42 0.00	6.67 0.34 0.00	7.79 0.42 0.00	17.85 1.08 0.00	23.61 1.51 0.00	31.96 2.02 0.00	59.14 3.09 0.00	46.32 2.30 0.00	49.69 2.37 0.00	50.18 2.52 0.00	48.23 2.26 0.00	28.28 1.34 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	35.71 -0.47 0.00	25.79 -0.30 0.00	28.72 -0.36 0.00	26.81 -0.33 0.00	26.40 -0.31 0.00	35.89 -0.37 0.00	49.68 -0.41 0.00	60.73 -0.43 0.00	46.99 -0.49 0.00	31.56 -0.44 0.00	25.80 -0.40 0.00	12.67 -0.20 0.00	8.12 -0.13 0.00	6.25 -0.09 0.00	7.26 -0.11 0.00	16.54 -0.23 0.00	21.82 -0.33 -0.03	29.61 -0.35 -0.03	57.58 -0.40 -1.93	44.04 -0.24 -0.26	46.93 -0.39 0.00	46.04 -0.49 1.14	39.41 -0.43 6.12	25.51 -0.27 1.17
HAMLTNNY_34_KV_TB 80303	35.08 -0.50 0.60	25.77 -0.32 0.00	28.62 -0.37 0.09	26.80 -0.34 0.00	26.13 -0.33 0.26	35.73 -0.38 0.16	48.10 -0.46 1.53	59.35 -0.48 1.33	43.88 -0.55 3.05	31.29 -0.52 0.19	25.68 -0.52 0.00	12.62 -0.26 0.00	8.08 -0.17 0.00	6.22 -0.12 0.00	7.23 -0.14 0.00	16.48 -0.29 0.00	21.68 -0.43 0.00	29.45 -0.49 0.00	55.56 -0.49 0.00	43.79 -0.24 0.00	46.80 -0.39 0.13	45.65 -0.54 1.47	37.58 -0.45 7.93	25.14 -0.29 1.51

HAMPSHIRE___PAPER_HYD 323593	35.09 -1.09 0.00	25.21 -0.88 0.00	28.28 -0.79 0.00	26.52 -0.62 0.00	25.97 -0.74 0.00	35.35 -0.91 0.00	49.30 -0.79 0.00	60.43 -0.73 0.00	46.71 -0.76 0.00	31.43 -0.57 0.00	25.60 -0.59 0.00	12.43 -0.44 0.00	7.89 -0.36 0.00	6.03 -0.31 0.00	6.94 -0.43 0.00	15.70 -1.07 0.00	20.81 -1.30 0.00	28.34 -1.59 0.00	54.30 -1.75 0.00	43.23 -0.80 0.00	46.03 -1.28 0.00	46.37 -1.29 0.00	44.61 -1.35 0.00	25.98 -0.96 0.00
HARDSCRABBLE_WT_PWR 323673	36.50 0.32 0.00	26.40 0.32 0.00	29.47 0.39 0.00	27.40 0.27 0.00	26.90 0.19 0.00	36.68 0.41 0.00	50.67 0.58 0.00	62.00 0.83 0.00	47.53 0.06 0.00	31.76 -0.24 0.00	25.86 -0.33 0.00	12.69 -0.18 0.00	8.09 -0.15 0.00	6.23 -0.11 0.00	7.24 -0.13 0.00	16.53 -0.25 0.00	21.97 -0.14 0.00	30.16 0.22 0.00	56.64 0.59 0.00	44.42 0.39 0.00	47.90 0.59 0.00	48.15 0.49 0.00	46.20 0.24 0.00	27.06 0.12 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	37.62 1.45 0.00	27.07 0.98 0.00	30.10 1.02 0.00	28.00 0.87 0.00	27.65 0.93 0.00	37.49 1.23 0.00	51.87 1.78 0.00	63.48 2.32 0.00	49.31 1.83 0.00	33.44 1.44 0.00	27.52 1.33 0.00	13.48 0.61 0.00	8.65 0.40 0.00	6.66 0.32 0.00	7.78 0.41 0.00	17.83 1.06 0.00	23.53 1.43 0.00	31.81 1.87 0.00	58.84 2.80 0.00	46.08 2.06 0.00	49.36 2.05 0.00	49.84 2.18 0.00	47.95 1.98 0.00	28.11 1.16 0.00
HARSNRAD_115KV_TB1 81005	29.16 -4.07 2.95	23.28 -2.80 0.00	25.64 -3.07 0.36	24.39 -2.74 0.00	20.65 -2.67 3.40	27.15 -3.43 5.67	34.95 -4.88 10.26	28.05 -6.98 26.14	17.75 -5.42 24.30	16.80 -4.03 11.17	18.09 -3.17 4.93	10.03 -1.60 1.24	7.26 -0.94 0.05	4.02 -0.69 1.63	3.74 -0.80 2.83	9.15 -1.95 5.68	12.35 -2.75 7.01	16.01 -3.59 10.34	15.58 -5.83 34.64	22.36 -4.33 17.34	24.81 -4.93 17.57	23.05 -5.35 19.26	14.57 -3.73 27.66	16.84 -2.68 7.42
HARZA MOOSE___RIVER 24016	35.53 -0.65 0.00	25.55 -0.54 0.00	28.65 -0.43 0.00	26.87 -0.27 0.00	26.29 -0.42 0.00	35.74 -0.52 0.00	49.80 -0.29 0.00	60.98 -0.18 0.00	47.03 -0.45 0.00	31.62 -0.38 0.00	25.81 -0.38 0.00	12.56 -0.31 0.00	7.99 -0.26 0.00	6.13 -0.21 0.00	7.08 -0.29 0.00	16.14 -0.64 0.00	21.41 -0.70 0.00	29.27 -0.67 0.00	55.91 -0.14 0.00	44.27 0.25 0.00	47.12 -0.20 0.00	47.25 -0.41 0.00	45.46 -0.50 0.00	26.45 -0.49 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	35.49 -0.68 0.00	25.64 -0.45 0.00	28.54 -0.53 0.00	26.64 -0.50 0.00	26.25 -0.46 0.00	35.68 -0.58 0.00	49.42 -0.67 0.00	60.40 -0.77 0.00	46.76 -0.72 0.00	31.43 -0.57 0.00	25.71 -0.48 0.00	12.64 -0.23 0.00	8.11 -0.14 0.00	6.24 -0.10 0.00	7.25 -0.12 0.00	16.49 -0.28 0.00	21.72 -0.39 0.00	29.48 -0.46 0.00	55.36 -0.68 0.00	43.56 -0.47 0.00	46.70 -0.62 0.00	46.95 -0.72 0.00	45.32 -0.64 0.00	26.54 -0.40 0.00
HELLGATE_13_KV_LD 55870	38.35 2.17 0.00	27.59 1.50 0.00	30.61 1.53 0.00	28.48 1.34 0.00	28.16 1.45 0.00	38.14 1.89 0.00	52.75 2.66 0.00	64.45 3.29 0.00	50.21 2.74 0.00	34.23 2.24 0.00	28.28 2.08 -0.01	13.85 0.98 0.00	11.55 0.65 -2.65	6.85 0.51 0.00	8.01 0.64 0.00	18.34 1.57 0.00	24.19 2.09 0.00	32.58 2.64 0.00	59.96 3.91 0.00	46.92 2.90 0.00	50.23 2.91 0.00	50.88 3.21 -0.01	48.93 2.97 0.00	28.73 1.79 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	38.35 2.17 0.00	27.59 1.50 0.00	30.61 1.53 0.00	28.48 1.34 0.00	28.16 1.45 0.00	38.14 1.89 0.00	52.75 2.66 0.00	64.45 3.29 0.00	50.21 2.74 0.00	34.23 2.24 0.00	28.28 2.08 -0.01	13.85 0.98 0.00	11.55 0.65 -2.65	6.85 0.51 0.00	8.01 0.64 0.00	18.34 1.57 0.00	24.19 2.09 0.00	32.58 2.64 0.00	59.96 3.91 0.00	46.92 2.90 0.00	50.23 2.91 0.00	50.88 3.21 -0.01	48.93 2.97 0.00	28.73 1.79 -0.01
HEMPSTEAD___ 23647	37.90 1.73 0.00	27.31 1.22 0.00	30.33 1.26 0.00	28.21 1.07 0.00	27.83 1.12 0.00	37.69 1.43 0.00	51.94 1.85 0.00	63.10 1.94 0.00	49.09 1.61 0.00	33.53 1.54 0.00	27.76 1.57 0.00	13.57 0.69 0.00	8.95 0.46 -0.24	6.69 0.36 0.00	7.83 0.46 0.00	17.97 1.20 0.00	23.83 1.73 0.00	32.02 2.09 0.00	58.75 2.70 0.00	46.10 2.07 0.00	49.38 2.06 0.00	49.91 2.25 0.00	48.11 2.14 0.00	28.24 1.30 0.00
HICKLING___1 23621	27.43 -2.06 6.68	24.82 -1.27 0.00	26.48 -1.54 1.06	25.65 -1.49 0.00	23.34 -1.46 1.92	35.01 -1.71 -0.46	31.98 -2.68 15.43	1.51 -4.35 55.30	-0.41 -3.72 44.16	33.38 -2.41 -3.79	27.08 -1.98 -2.87	12.55 -0.99 -0.67	7.69 -0.59 -0.03	6.74 -0.42 -0.83	8.29 -0.48 -1.40	18.65 -0.87 -2.75	23.88 -1.32 -3.09	33.06 -1.60 -4.72	64.25 -2.62 -10.82	49.76 -1.86 -7.60	42.80 -2.42 2.10	28.76 -2.66 16.24	-57.33 -2.41 100.88	7.34 -1.42 18.18
HICKLING___2 23622	27.43 -2.06 6.68	24.82 -1.27 0.00	26.48 -1.54 1.06	25.65 -1.49 0.00	23.34 -1.46 1.92	35.01 -1.71 -0.46	31.98 -2.68 15.43	1.51 -4.35 55.30	-0.41 -3.72 44.16	33.38 -2.41 -3.79	27.08 -1.98 -2.87	12.55 -0.99 -0.67	7.69 -0.59 -0.03	6.74 -0.42 -0.83	8.29 -0.48 -1.40	18.65 -0.87 -2.75	23.88 -1.32 -3.09	33.06 -1.60 -4.72	64.25 -2.62 -10.82	49.76 -1.86 -7.60	42.80 -2.42 2.10	28.76 -2.66 16.24	-57.33 -2.41 100.88	7.34 -1.42 18.18
HIGH FALLS___HY 23754	37.77 1.60 0.00	27.20 1.11 0.00	30.22 1.15 0.00	28.14 1.00 0.00	27.77 1.06 0.00	37.71 1.46 0.00	52.22 2.13 0.00	63.95 2.78 0.00	49.63 2.15 0.00	33.46 1.46 0.00	27.47 1.28 0.00	13.43 0.56 0.00	8.60 0.35 0.00	6.61 0.27 0.00	7.72 0.35 0.00	17.67 0.90 0.00	23.34 1.23 0.00	31.61 1.67 0.00	58.70 2.65 0.00	46.06 2.04 0.00	49.39 2.08 0.00	49.84 2.18 0.00	47.93 1.97 0.00	28.09 1.15 0.00
HIGH_RIVER___SOLAR 323847	37.13 0.96 0.00	26.76 0.68 0.00	29.86 0.78 0.00	27.84 0.70 0.00	27.42 0.71 0.00	37.23 0.97 0.00	51.51 1.43 0.00	62.91 1.75 0.00	48.54 1.07 0.00	32.26 0.26 0.00	26.13 -0.06 0.00	12.79 -0.08 0.00	8.18 -0.07 0.00	6.29 -0.05 0.00	7.31 -0.06 0.00	16.68 -0.10 0.00	22.11 0.00 0.00	30.31 0.37 0.00	57.42 1.37 0.00	45.25 1.22 0.00	48.68 1.37 0.00	48.98 1.32 0.00	47.18 1.22 0.00	27.62 0.68 0.00
HILLBURN___GT 23639	37.55 1.38 0.00	27.01 0.93 0.00	30.05 0.97 0.00	27.95 0.81 0.00	27.59 0.88 0.00	37.40 1.14 0.00	51.72 1.63 0.00	63.30 2.14 0.00	49.19 1.71 0.00	33.41 1.41 0.00	27.54 1.35 0.00	13.49 0.62 0.00	8.66 0.41 0.00	6.67 0.33 0.00	7.80 0.43 0.00	17.86 1.09 0.00	23.56 1.45 0.00	31.79 1.85 0.00	58.71 2.67 0.00	45.97 1.94 0.00	49.23 1.92 0.00	49.75 2.09 0.00	47.89 1.93 0.00	28.08 1.14 0.00
HILLSIDE_115KV_TB1 80332	25.99 -2.12 8.06	24.77 -1.31 0.00	26.20 -1.61 1.26	25.59 -1.55 0.00	22.59 -1.51 2.61	34.34 -1.78 0.14	28.03 -2.81 19.25	2.06 -4.01 55.10	-5.54 -3.47 49.54	31.88 -2.17 -2.05	26.64 -1.73 -2.18	12.56 -0.86 -0.54	7.78 -0.49 -0.02	6.70 -0.35 -0.71	8.19 -0.40 -1.22	18.46 -0.75 -2.44	23.65 -1.19 -2.73	32.54 -1.58 -4.19	62.82 -2.91 -9.68	48.61 -2.16 -6.75	41.89 -2.71 2.72	25.20 -2.83 19.64	-73.24 -2.61 116.59	4.24 -1.41 21.29

HISHELDN_WT_PWR 323625	26.51 -3.94 5.73	23.28 -2.67 0.14	24.90 -2.95 1.22	22.76 -2.72 1.65	9.56 -2.68 14.47	11.06 -3.45 21.75	17.84 -5.00 27.25	7.98 -7.28 45.90	-3.23 -5.79 44.92	-2.97 -3.98 30.98	8.73 -3.28 14.17	7.63 -1.65 3.59	7.10 -1.00 0.14	0.90 -0.75 4.69	-1.66 -0.87 8.15	-1.57 -1.96 16.39	0.53 -2.73 18.85	-2.15 -3.42 28.67	-9.38 -5.56 59.87	-10.33 -3.94 50.42	-15.09 -4.45 57.95	-7.44 -5.12 49.98	-4.51 -4.11 46.36	9.74 -2.83 14.38
HOLTSVILLE_IC_1 23690	38.25 2.07 0.00	27.62 1.54 0.00	30.69 1.61 0.00	28.53 1.40 0.00	28.16 1.45 0.00	38.13 1.87 0.00	54.67 2.25 -2.33	63.24 2.08 0.00	49.09 1.62 0.00	33.60 1.61 0.00	27.86 1.67 0.00	13.58 0.70 0.00	8.95 0.46 -0.24	6.68 0.34 0.00	7.81 0.45 0.00	17.98 1.20 0.00	23.96 1.85 0.00	32.28 2.34 0.00	59.03 2.98 0.00	46.31 2.28 0.00	49.66 2.34 0.00	50.12 2.46 0.00	48.27 2.31 0.00	28.30 1.36 0.00
HOLTSVILLE_IC_10 23699	38.40 2.22 0.00	27.74 1.65 0.00	30.81 1.74 0.00	28.67 1.53 0.00	28.29 1.58 0.00	38.31 2.05 0.00	54.53 2.52 -1.92	63.55 2.39 0.00	49.32 1.84 0.00	33.74 1.74 0.00	27.95 1.76 0.00	13.62 0.75 0.00	8.97 0.48 -0.24	6.69 0.36 0.00	7.83 0.46 0.00	18.02 1.25 0.00	24.05 1.94 0.00	32.43 2.49 0.00	59.34 3.30 0.00	46.56 2.54 0.00	49.94 2.62 0.00	50.36 2.70 0.00	48.48 2.52 0.00	28.43 1.49 0.00
HOLTSVILLE_IC_2 23691	38.25 2.07 0.00	27.62 1.54 0.00	30.69 1.61 0.00	28.53 1.40 0.00	28.16 1.45 0.00	38.13 1.87 0.00	54.67 2.25 -2.33	63.24 2.08 0.00	49.09 1.62 0.00	33.60 1.61 0.00	27.86 1.67 0.00	13.58 0.70 0.00	8.95 0.46 -0.24	6.68 0.34 0.00	7.81 0.45 0.00	17.98 1.20 0.00	23.96 1.85 0.00	32.28 2.34 0.00	59.03 2.98 0.00	46.31 2.28 0.00	49.66 2.34 0.00	50.12 2.46 0.00	48.27 2.31 0.00	28.30 1.36 0.00
HOLTSVILLE_IC_3 23692	38.25 2.07 0.00	27.62 1.54 0.00	30.69 1.61 0.00	28.53 1.40 0.00	28.16 1.45 0.00	38.13 1.87 0.00	54.67 2.25 -2.33	63.24 2.08 0.00	49.09 1.62 0.00	33.60 1.61 0.00	27.86 1.67 0.00	13.58 0.70 0.00	8.95 0.46 -0.24	6.68 0.34 0.00	7.81 0.45 0.00	17.98 1.20 0.00	23.96 1.85 0.00	32.28 2.34 0.00	59.03 2.98 0.00	46.31 2.28 0.00	49.66 2.34 0.00	50.12 2.46 0.00	48.27 2.31 0.00	28.30 1.36 0.00
HOLTSVILLE_IC_4 23693	38.25 2.07 0.00	27.62 1.54 0.00	30.69 1.61 0.00	28.53 1.40 0.00	28.16 1.45 0.00	38.13 1.87 0.00	54.67 2.25 -2.33	63.24 2.08 0.00	49.09 1.62 0.00	33.60 1.61 0.00	27.86 1.67 0.00	13.58 0.70 0.00	8.95 0.46 -0.24	6.68 0.34 0.00	7.81 0.45 0.00	17.98 1.20 0.00	23.96 1.85 0.00	32.28 2.34 0.00	59.03 2.98 0.00	46.31 2.28 0.00	49.66 2.34 0.00	50.12 2.46 0.00	48.27 2.31 0.00	28.30 1.36 0.00
HOLTSVILLE_IC_5 23694	38.25 2.07 0.00	27.62 1.54 0.00	30.69 1.61 0.00	28.53 1.40 0.00	28.16 1.45 0.00	38.13 1.87 0.00	54.67 2.25 -2.33	63.24 2.08 0.00	49.09 1.62 0.00	33.60 1.61 0.00	27.86 1.67 0.00	13.58 0.70 0.00	8.95 0.46 -0.24	6.68 0.34 0.00	7.81 0.45 0.00	17.98 1.20 0.00	23.96 1.85 0.00	32.28 2.34 0.00	59.03 2.98 0.00	46.31 2.28 0.00	49.66 2.34 0.00	50.12 2.46 0.00	48.27 2.31 0.00	28.30 1.36 0.00
HOLTSVILLE_IC_6 23695	38.40 2.22 0.00	27.74 1.65 0.00	30.81 1.74 0.00	28.67 1.53 0.00	28.29 1.58 0.00	38.31 2.05 0.00	54.53 2.52 -1.92	63.55 2.39 0.00	49.32 1.84 0.00	33.74 1.74 0.00	27.95 1.76 0.00	13.62 0.75 0.00	8.97 0.48 -0.24	6.69 0.36 0.00	7.83 0.46 0.00	18.02 1.25 0.00	24.05 1.94 0.00	32.43 2.49 0.00	59.34 3.30 0.00	46.56 2.54 0.00	49.94 2.62 0.00	50.36 2.70 0.00	48.48 2.52 0.00	28.43 1.49 0.00
HOLTSVILLE_IC_7 23696	38.40 2.22 0.00	27.74 1.65 0.00	30.81 1.74 0.00	28.67 1.53 0.00	28.29 1.58 0.00	38.31 2.05 0.00	54.53 2.52 -1.92	63.55 2.39 0.00	49.32 1.84 0.00	33.74 1.74 0.00	27.95 1.76 0.00	13.62 0.75 0.00	8.97 0.48 -0.24	6.69 0.36 0.00	7.83 0.46 0.00	18.02 1.25 0.00	24.05 1.94 0.00	32.43 2.49 0.00	59.34 3.30 0.00	46.56 2.54 0.00	49.94 2.62 0.00	50.36 2.70 0.00	48.48 2.52 0.00	28.43 1.49 0.00
HOLTSVILLE_IC_8 23697	38.40 2.22 0.00	27.74 1.65 0.00	30.81 1.74 0.00	28.67 1.53 0.00	28.29 1.58 0.00	38.31 2.05 0.00	54.53 2.52 -1.92	63.55 2.39 0.00	49.32 1.84 0.00	33.74 1.74 0.00	27.95 1.76 0.00	13.62 0.75 0.00	8.97 0.48 -0.24	6.69 0.36 0.00	7.83 0.46 0.00	18.02 1.25 0.00	24.05 1.94 0.00	32.43 2.49 0.00	59.34 3.30 0.00	46.56 2.54 0.00	49.94 2.62 0.00	50.36 2.70 0.00	48.48 2.52 0.00	28.43 1.49 0.00
HOLTSVILLE_IC_9 23698	38.40 2.22 0.00	27.74 1.65 0.00	30.81 1.74 0.00	28.67 1.53 0.00	28.29 1.58 0.00	38.31 2.05 0.00	54.53 2.52 -1.92	63.55 2.39 0.00	49.32 1.84 0.00	33.74 1.74 0.00	27.95 1.76 0.00	13.62 0.75 0.00	8.97 0.48 -0.24	6.69 0.36 0.00	7.83 0.46 0.00	18.02 1.25 0.00	24.05 1.94 0.00	32.43 2.49 0.00	59.34 3.30 0.00	46.56 2.54 0.00	49.94 2.62 0.00	50.36 2.70 0.00	48.48 2.52 0.00	28.43 1.49 0.00
HOMER_HL_115KV_TB2 355744	30.66 -2.05 3.47	24.75 -1.34 0.00	27.14 -1.44 0.49	25.76 -1.37 0.00	23.06 -1.36 2.29	31.80 -1.72 2.74	35.25 -2.20 12.64	26.22 -3.20 31.74	29.66 -2.77 15.04	20.26 -1.81 9.93	19.77 -1.31 5.11	10.86 -0.72 1.29	7.79 -0.41 0.05	4.37 -0.28 1.68	4.12 -0.33 2.92	10.19 -0.71 5.87	13.90 -1.17 7.03	17.66 -1.78 10.50	22.43 -3.55 30.07	24.79 -1.91 17.33	25.90 -2.35 19.06	24.04 -2.58 21.04	12.49 -1.60 31.87	17.74 -1.13 8.08
HOWARD_WT_PWR 323690	29.96 -3.81 2.40	23.55 -2.53 0.00	25.54 -2.87 0.67	24.35 -2.78 0.00	29.97 -2.87 -6.13	48.47 -3.66 -15.87	53.47 -5.88 -9.25	19.79 -8.61 32.77	35.71 -6.65 5.12	67.87 -4.47 -40.34	42.10 -3.90 -19.80	16.01 -1.87 -5.01	7.23 -1.22 -0.20	11.96 -0.93 -6.55	17.70 -1.09 -11.42	37.47 -2.33 -23.03	44.83 -3.22 -25.94	66.06 -3.64 -39.77	120.39 -5.66 -70.01	104.04 -3.74 -63.75	98.20 -4.41 -55.29	79.65 -5.37 -37.35	-23.63 -4.46 65.13	19.69 -3.27 3.98
HQ_GEN_CEDARS 23644	36.22 0.05 0.00	26.07 -0.02 0.00	29.11 0.03 0.00	27.23 0.09 0.00	26.78 0.06 0.00	36.44 0.18 0.00	50.52 0.43 0.00	61.78 0.62 0.00	48.03 0.55 0.00	32.31 0.31 0.00	26.36 0.16 0.00	12.90 0.03 0.00	8.26 0.01 0.00	6.31 -0.03 0.00	7.31 -0.06 0.00	16.52 -0.25 0.00	21.78 -0.33 0.00	29.42 -0.51 0.00	55.49 -0.56 0.00	43.93 -0.10 0.00	47.15 -0.16 0.00	47.65 -0.01 0.00	45.89 -0.07 0.00	26.92 -0.02 0.00
HQ_GEN_CEDARS_PROXY 323590	36.22 0.04 0.00	26.07 -0.02 0.00	29.11 0.03 0.00	27.23 0.09 0.00	26.78 0.06 0.00	36.44 0.18 0.00	50.53 0.44 0.00	62.47 0.62 -0.69	48.03 0.56 0.00	32.31 0.31 0.00	26.36 0.16 0.00	12.34 0.03 0.57	8.26 0.01 0.00	6.31 -0.03 0.00	7.31 -0.06 0.00	16.52 -0.25 0.00	21.77 -0.33 0.00	29.43 -0.51 0.00	55.48 -0.56 0.00	43.94 -0.09 0.00	47.17 -0.14 0.00	47.66 0.00 0.00	45.91 -0.05 0.00	26.92 -0.02 0.00

HQ_GEN_CHPE_PROXY 323851	37.98 1.81 0.00	27.34 1.25 0.00	30.38 1.30 0.00	28.26 1.12 0.00	27.81 1.19 0.09	38.48 1.54 -0.67	52.51 2.15 -0.28	63.88 2.72 0.00	49.71 2.23 0.00	33.85 1.85 0.00	27.97 1.78 0.00	13.71 0.84 0.00	8.81 0.56 0.00	6.78 0.44 0.00	7.93 0.56 0.00	18.16 1.38 0.00	23.97 1.86 0.00	32.30 2.36 0.00	59.26 3.41 0.20	49.34 2.49 -2.82	49.80 2.49 0.00	50.47 2.81 0.00	48.57 2.61 0.00	28.50 1.56 0.00
HQ_GEN_IMPORT 323601	36.27 0.09 0.00	26.13 0.05 0.00	29.15 0.08 0.00	27.22 0.09 0.00	26.71 0.09 0.09	37.08 0.15 -0.67	50.62 0.25 -0.28	61.46 0.29 0.00	47.79 0.31 0.00	32.18 0.18 0.00	26.30 0.11 0.00	12.92 0.05 0.00	8.28 0.03 0.00	6.35 0.01 0.00	7.38 0.01 0.00	16.75 -0.02 0.00	22.08 -0.03 0.00	29.87 -0.07 0.00	55.82 -0.02 0.20	46.92 0.08 -2.82	47.41 0.10 0.00	47.77 0.11 0.00	46.07 0.10 0.00	27.00 0.06 0.00
HQ_GEN_WHEEL 23651	36.27 0.09 0.00	26.13 0.05 0.00	29.15 0.08 0.00	27.22 0.09 0.00	26.71 0.09 0.09	37.08 0.15 -0.67	50.62 0.25 -0.28	61.46 0.29 0.00	47.79 0.31 0.00	32.18 0.18 0.00	26.30 0.11 0.00	12.92 0.05 0.00	8.28 0.03 0.00	6.35 0.01 0.00	7.38 0.01 0.00	16.75 -0.02 0.00	22.08 -0.03 0.00	29.87 -0.07 0.00	55.82 -0.02 0.20	46.92 0.08 -2.82	47.41 0.10 0.00	47.77 0.11 0.00	46.07 0.10 0.00	27.00 0.06 0.00
HUDSON_AVE_GT_3 23810	38.06 1.88 0.00	27.39 1.30 0.00	30.43 1.36 0.00	28.31 1.18 0.00	27.96 1.24 0.00	37.88 1.62 0.00	52.35 2.27 0.00	64.00 2.83 0.00	49.81 2.34 0.00	33.94 1.94 0.00	28.04 1.84 0.00	13.74 0.87 0.00	8.83 0.58 0.00	6.80 0.46 0.00	7.94 0.57 0.00	18.20 1.42 0.00	24.02 1.91 0.00	32.37 2.43 0.00	59.57 3.52 0.00	46.60 2.58 0.00	49.89 2.58 0.00	50.53 2.86 0.00	48.58 2.62 0.00	28.52 1.58 0.00
HUDSON_AVE_GT_4 23540	38.06 1.88 0.00	27.39 1.30 0.00	30.43 1.36 0.00	28.31 1.18 0.00	27.96 1.24 0.00	37.88 1.62 0.00	52.35 2.27 0.00	64.00 2.83 0.00	49.81 2.34 0.00	33.94 1.94 0.00	28.04 1.84 0.00	13.74 0.87 0.00	8.83 0.58 0.00	6.80 0.46 0.00	7.94 0.57 0.00	18.20 1.42 0.00	24.02 1.91 0.00	32.37 2.43 0.00	59.57 3.52 0.00	46.60 2.58 0.00	49.89 2.58 0.00	50.53 2.86 0.00	48.58 2.62 0.00	28.52 1.58 0.00
HUDSON_AVE_GT_5 23657	38.06 1.88 0.00	27.39 1.30 0.00	30.43 1.36 0.00	28.31 1.18 0.00	27.96 1.24 0.00	37.88 1.62 0.00	52.35 2.27 0.00	64.00 2.83 0.00	49.81 2.34 0.00	33.94 1.94 0.00	28.04 1.84 0.00	13.74 0.87 0.00	8.83 0.58 0.00	6.80 0.46 0.00	7.94 0.57 0.00	18.20 1.42 0.00	24.02 1.91 0.00	32.37 2.43 0.00	59.57 3.52 0.00	46.60 2.58 0.00	49.89 2.58 0.00	50.53 2.86 0.00	48.58 2.62 0.00	28.52 1.58 0.00
HUDSON_AVE_10 24168	37.95 1.77 0.00	27.33 1.24 0.00	30.37 1.29 0.00	28.26 1.12 0.00	27.90 1.19 0.00	37.80 1.54 0.00	52.20 2.11 0.00	63.82 2.66 0.00	49.67 2.20 0.00	33.84 1.84 0.00	27.97 1.77 0.00	13.71 0.84 0.00	9.07 0.56 -0.26	6.78 0.44 0.00	7.92 0.55 0.00	18.15 1.38 0.00	23.96 1.85 0.00	32.29 2.35 0.00	59.40 3.35 0.00	46.48 2.45 0.00	49.77 2.45 0.00	50.39 2.73 0.00	48.44 2.48 0.00	28.45 1.51 0.00
HUDSON___115KV_TB 4 355613	37.94 1.76 0.00	27.29 1.20 0.00	30.46 1.38 0.00	28.39 1.25 0.00	27.94 1.23 0.00	37.97 1.70 0.00	52.39 2.30 0.00	64.02 2.85 0.00	49.56 2.08 0.00	33.20 1.20 0.00	27.03 0.83 0.00	13.25 0.38 0.00	8.47 0.22 0.00	6.51 0.17 0.00	7.58 0.21 0.00	17.30 0.53 0.00	22.91 0.80 0.00	31.11 1.17 0.00	58.40 2.35 0.00	45.90 1.87 0.00	49.53 2.22 0.00	49.85 2.19 0.00	47.94 1.98 0.00	28.09 1.15 0.00
HUNTER MOUNT___DRP 323613	38.08 1.90 0.00	27.39 1.30 0.00	30.57 1.49 0.00	28.50 1.36 0.00	28.04 1.33 0.00	38.14 1.88 0.00	52.66 2.57 0.00	64.42 3.25 0.00	49.84 2.36 0.00	33.33 1.33 0.00	27.09 0.90 0.00	13.27 0.40 0.00	8.47 0.22 0.00	6.51 0.18 0.00	7.58 0.21 0.00	17.31 0.54 0.00	22.94 0.83 0.00	31.21 1.27 0.00	58.64 2.59 0.00	46.12 2.10 0.00	49.77 2.45 0.00	50.07 2.42 0.00	48.14 2.18 0.00	28.19 1.25 0.00
HUNTINGTON_RES_REC 323705	38.20 2.02 0.00	27.55 1.47 0.00	30.61 1.53 0.00	28.47 1.33 0.00	28.08 1.37 0.00	38.03 1.77 0.00	51.70 2.14 0.53	63.21 2.04 0.00	49.05 1.58 0.00	33.57 1.58 0.00	27.83 1.64 0.00	13.57 0.69 0.00	8.94 0.45 -0.24	6.67 0.34 0.00	7.81 0.44 0.00	17.96 1.19 0.00	23.92 1.82 0.00	32.22 2.28 0.00	58.93 2.89 0.00	46.25 2.22 0.00	49.58 2.27 0.00	50.09 2.43 0.00	48.25 2.29 0.00	28.34 1.40 0.00
HUNTLEY___63 23557	29.30 -3.73 3.15	23.49 -2.59 0.00	25.86 -2.83 0.38	24.61 -2.53 0.00	20.61 -2.47 3.63	27.07 -3.12 6.06	34.65 -4.39 11.05	26.80 -6.44 27.92	16.38 -5.03 26.07	16.09 -3.73 12.17	17.88 -2.93 5.39	10.03 -1.49 1.36	7.33 -0.86 0.05	3.93 -0.63 1.78	3.55 -0.73 3.09	8.79 -1.78 6.20	12.04 -2.53 7.54	15.48 -3.27 11.19	15.69 -5.32 35.04	21.64 -3.81 18.57	23.83 -4.38 19.10	22.05 -4.84 20.77	13.70 -3.34 28.93	16.63 -2.46 7.86
HUNTLEY___64 23558	29.30 -3.73 3.15	23.49 -2.59 0.00	25.86 -2.83 0.38	24.61 -2.53 0.00	20.61 -2.47 3.63	27.07 -3.12 6.06	34.65 -4.39 11.05	26.80 -6.44 27.92	16.38 -5.03 26.07	16.09 -3.73 12.17	17.88 -2.93 5.39	10.03 -1.49 1.36	7.33 -0.86 0.05	3.93 -0.63 1.78	3.55 -0.73 3.09	8.79 -1.78 6.20	12.04 -2.53 7.54	15.48 -3.27 11.19	15.69 -5.32 35.04	21.64 -3.81 18.57	23.83 -4.38 19.10	22.05 -4.84 20.77	13.70 -3.34 28.93	16.63 -2.46 7.86
HUNTLEY___65 23559	29.30 -3.73 3.15	23.49 -2.59 0.00	25.86 -2.83 0.38	24.61 -2.53 0.00	20.61 -2.47 3.63	27.07 -3.12 6.06	34.65 -4.39 11.05	26.80 -6.44 27.92	16.38 -5.03 26.07	16.09 -3.73 12.17	17.88 -2.93 5.39	10.03 -1.49 1.36	7.33 -0.86 0.05	3.93 -0.63 1.78	3.55 -0.73 3.09	8.79 -1.78 6.20	12.04 -2.53 7.54	15.48 -3.27 11.19	15.69 -5.32 35.04	21.64 -3.81 18.57	23.83 -4.38 19.10	22.05 -4.84 20.77	13.70 -3.34 28.93	16.63 -2.46 7.86
HUNTLEY___66 23560	29.30 -3.73 3.15	23.49 -2.59 0.00	25.86 -2.83 0.38	24.61 -2.53 0.00	20.61 -2.47 3.63	27.07 -3.12 6.06	34.65 -4.39 11.05	26.80 -6.44 27.92	16.38 -5.03 26.07	16.09 -3.73 12.17	17.88 -2.93 5.39	10.03 -1.49 1.36	7.33 -0.86 0.05	3.93 -0.63 1.78	3.55 -0.73 3.09	8.79 -1.78 6.20	12.04 -2.53 7.54	15.48 -3.27 11.19	15.69 -5.32 35.04	21.64 -3.81 18.57	23.83 -4.38 19.10	22.05 -4.84 20.77	13.70 -3.34 28.93	16.63 -2.46 7.86
HUNTLEY___67 23561	28.91 -3.89 3.37	23.38 -2.70 0.00	25.72 -2.96 0.40	24.47 -2.66 0.00	19.96 -2.62 4.14	25.84 -3.35 7.07	33.34 -4.69 12.06	24.42 -6.79 29.95	13.96 -5.31 28.21	14.11 -3.87 14.02	16.92 -3.03 6.24	9.78 -1.52 1.58	7.31 -0.88 0.06	3.63 -0.65 2.06	3.03 -0.76 3.58	7.73 -1.84 7.20	10.91 -2.59 8.61	13.66 -3.42 12.85	13.38 -5.62 37.05	18.93 -4.07 21.02	20.88 -4.67 21.77	19.25 -5.10 23.31	11.92 -3.66 30.38	15.83 -2.61 8.51

HUNTLEY___68 23562	28.91 -3.89 3.37	23.38 -2.70 0.00	25.72 -2.96 0.40	24.47 -2.66 0.00	19.96 -2.62 4.14	25.84 -3.35 7.07	33.34 -4.69 12.06	24.42 -6.79 29.95	13.96 -5.31 28.21	14.11 -3.87 14.02	16.92 -3.03 6.24	9.78 -1.52 1.58	7.31 -0.88 0.06	3.63 -0.65 2.06	3.03 -0.76 3.58	7.73 -1.84 7.20	10.91 -2.59 8.61	13.66 -3.42 12.85	13.38 -5.62 37.05	18.93 -4.07 21.02	20.88 -4.67 21.77	19.25 -5.10 23.31	11.92 -3.66 30.38	15.83 -2.61 8.51
HYLAND___LFGE 323620	34.05 -1.18 0.95	25.30 -0.75 0.03	27.56 -0.88 0.64	25.94 -0.81 0.39	32.39 -0.75 -6.43	52.83 -0.69 -17.26	57.43 -0.79 -8.12	49.91 -1.65 9.60	52.06 -1.65 -6.24	67.24 -2.09 -37.33	42.27 -2.07 -18.15	16.42 -1.05 -4.60	7.79 -0.64 -0.18	11.88 -0.48 -6.01	17.30 -0.56 -10.49	36.72 -1.22 -21.16	44.13 -1.65 -23.68	64.54 -1.82 -36.42	105.12 -2.11 -51.18	98.03 -0.30 -54.31	96.05 -0.41 -49.15	84.43 -0.95 -37.72	0.77 -0.61 44.58	25.66 -0.82 0.46
INDECK___CORINTH 23802	37.30 1.12 0.00	26.76 0.67 0.00	29.83 0.76 0.00	27.81 0.68 0.00	27.38 0.66 0.00	37.29 1.03 0.00	51.58 1.49 0.00	62.98 1.82 0.00	48.73 1.25 0.00	32.75 0.75 0.00	26.55 0.35 0.00	12.94 0.07 0.00	8.22 -0.03 0.00	6.31 -0.02 0.00	7.35 -0.02 0.00	16.84 0.07 0.00	22.48 0.37 0.00	30.79 0.85 0.00	57.71 1.66 0.00	45.10 1.07 0.00	48.88 1.57 0.00	49.10 1.44 0.00	47.05 1.09 0.00	27.55 0.61 0.00
INDECK___ILION 23567	36.42 0.24 0.00	26.29 0.20 0.00	29.32 0.24 0.00	27.32 0.19 0.00	26.86 0.14 0.00	36.53 0.27 0.00	50.46 0.37 0.00	61.68 0.52 0.00	47.58 0.10 0.00	31.91 -0.08 0.00	26.05 -0.15 0.00	12.79 -0.08 0.00	8.18 -0.08 0.00	6.29 -0.05 0.00	7.31 -0.06 0.00	16.67 -0.10 0.00	22.07 -0.04 0.00	30.11 0.18 0.00	56.48 0.43 0.00	44.31 0.28 0.00	47.71 0.39 0.00	48.01 0.34 0.00	46.17 0.21 0.00	27.04 0.10 0.00
INDECK___OLEAN 23982	29.25 -2.05 4.88	24.45 -1.34 0.29	25.57 -1.43 2.08	22.21 -1.38 3.55	11.20 -1.36 14.15	21.37 -1.75 13.14	17.98 -2.23 29.88	26.14 -3.28 31.74	29.61 -2.82 15.04	20.32 -1.74 9.93	19.79 -1.30 5.11	10.87 -0.72 1.29	7.79 -0.41 0.05	4.37 -0.28 1.68	4.12 -0.33 2.92	10.20 -0.71 5.87	13.93 -1.15 7.03	17.64 -1.72 10.58	19.40 -3.54 33.11	9.85 -2.00 32.18	-4.06 -2.42 48.96	15.87 -2.63 29.16	1.11 -1.76 43.09	17.22 -1.17 8.55
INDECK___OSWEGO 23783	35.05 -1.13 0.00	25.31 -0.78 0.00	28.21 -0.87 0.00	26.34 -0.80 0.00	25.92 -0.79 0.00	35.22 -1.05 0.00	48.75 -1.34 0.00	59.59 -1.58 0.00	46.14 -1.34 0.00	31.03 -0.97 0.00	25.40 -0.80 0.00	12.47 -0.41 0.00	7.98 -0.27 0.00	6.14 -0.20 0.00	7.12 -0.25 0.00	16.19 -0.58 0.00	21.34 -0.77 0.00	28.97 -0.97 0.00	54.59 -1.46 0.00	43.02 -1.01 0.00	46.10 -1.22 0.00	46.30 -1.36 0.00	44.63 -1.33 0.00	26.13 -0.81 0.00
INDECK___YERKES 23781	28.33 -3.67 4.17	23.30 -2.58 0.21	24.74 -2.80 1.53	22.06 -2.51 2.57	12.04 -2.44 12.22	19.59 -3.07 13.60	23.71 -4.33 22.04	26.83 -6.42 27.92	16.34 -5.07 26.07	16.19 -3.64 12.17	17.93 -2.88 5.39	10.06 -1.46 1.36	7.34 -0.86 0.05	3.94 -0.62 1.78	3.56 -0.73 3.09	8.82 -1.75 6.20	12.10 -2.46 7.54	15.57 -3.13 11.24	13.82 -5.26 36.96	12.17 -3.82 28.03	4.95 -4.38 37.99	16.88 -4.83 25.95	6.47 -3.40 36.09	16.32 -2.46 8.16
INDIAN POINT___GT_1 24139	37.64 1.46 0.00	27.07 0.99 0.00	30.11 1.03 0.00	28.00 0.86 0.00	27.64 0.93 0.00	37.46 1.20 0.00	51.79 1.69 0.00	63.32 2.16 0.00	49.23 1.75 0.00	33.47 1.48 0.00	27.60 1.40 0.00	13.52 0.65 0.00	8.68 0.43 0.00	6.68 0.34 0.00	7.81 0.44 0.00	17.88 1.11 0.00	23.60 1.50 0.00	31.86 1.92 0.00	58.77 2.72 0.00	46.01 1.98 0.00	49.31 1.99 0.00	49.85 2.19 0.00	47.95 1.98 0.00	28.13 1.19 0.00
INDIAN POINT___GT_2 23659	37.64 1.46 0.00	27.07 0.99 0.00	30.11 1.03 0.00	28.00 0.86 0.00	27.64 0.93 0.00	37.46 1.20 0.00	51.79 1.69 0.00	63.32 2.16 0.00	49.23 1.75 0.00	33.47 1.48 0.00	27.60 1.40 0.00	13.52 0.65 0.00	8.68 0.43 0.00	6.68 0.34 0.00	7.81 0.44 0.00	17.88 1.11 0.00	23.60 1.50 0.00	31.86 1.92 0.00	58.77 2.72 0.00	46.01 1.98 0.00	49.31 1.99 0.00	49.85 2.19 0.00	47.95 1.98 0.00	28.13 1.19 0.00
INDIAN POINT___GT_3 24019	37.64 1.46 0.00	27.07 0.99 0.00	30.11 1.03 0.00	28.00 0.86 0.00	27.64 0.93 0.00	37.46 1.20 0.00	51.79 1.69 0.00	63.32 2.16 0.00	49.23 1.75 0.00	33.47 1.48 0.00	27.60 1.40 0.00	13.52 0.65 0.00	8.68 0.43 0.00	6.68 0.34 0.00	7.81 0.44 0.00	17.88 1.11 0.00	23.60 1.50 0.00	31.86 1.92 0.00	58.77 2.72 0.00	46.01 1.98 0.00	49.31 1.99 0.00	49.85 2.19 0.00	47.95 1.98 0.00	28.13 1.19 0.00
INDIAN POINT___2 23530	37.59 1.41 0.00	27.04 0.95 0.00	30.06 0.98 0.00	27.97 0.83 0.00	27.61 0.90 0.00	37.42 1.16 0.00	51.71 1.62 0.00	63.27 2.11 0.00	49.18 1.70 0.00	33.42 1.42 0.00	27.56 1.36 0.00	13.50 0.63 0.00	8.67 0.42 0.00	6.67 0.33 0.00	7.80 0.43 0.00	17.86 1.09 0.00	23.57 1.46 0.00	31.80 1.86 0.00	58.69 2.65 0.00	45.95 1.93 0.00	49.23 1.91 0.00	49.76 2.10 0.00	47.90 1.94 0.00	28.10 1.16 0.00
INDIAN POINT___3 23531	37.61 1.44 0.00	27.05 0.97 0.00	30.08 1.00 0.00	27.98 0.84 0.00	27.62 0.91 0.00	37.44 1.18 0.00	51.74 1.64 0.00	63.28 2.11 0.00	49.19 1.71 0.00	33.44 1.44 0.00	27.57 1.38 0.00	13.51 0.64 0.00	8.67 0.42 0.00	6.67 0.34 0.00	7.80 0.43 0.00	17.86 1.09 0.00	23.57 1.46 0.00	31.81 1.87 0.00	58.69 2.64 0.00	45.95 1.92 0.00	49.24 1.93 0.00	49.78 2.12 0.00	47.88 1.92 0.00	28.09 1.16 0.00
INGHAM_C_115KV_TB7 356103	36.73 0.56 0.00	26.51 0.43 0.00	29.57 0.50 0.00	27.52 0.39 0.00	27.03 0.32 0.00	36.87 0.61 0.00	50.90 0.81 0.00	62.26 1.10 0.00	47.72 0.25 0.00	31.75 -0.25 0.00	25.78 -0.41 0.00	12.64 -0.24 0.00	8.05 -0.20 0.00	6.20 -0.14 0.00	7.20 -0.16 0.00	16.48 -0.29 0.00	21.95 -0.16 0.00	30.25 0.31 0.00	56.90 0.85 0.00	44.62 0.59 0.00	48.17 0.85 0.00	48.45 0.79 0.00	46.43 0.47 0.00	27.21 0.26 0.00
IP CORINTH___1 23988	37.48 1.30 0.00	26.89 0.81 0.00	29.98 0.90 0.00	27.95 0.82 0.00	27.51 0.80 0.00	37.49 1.23 0.00	51.86 1.77 0.00	63.33 2.17 0.00	48.98 1.51 0.00	32.91 0.91 0.00	26.69 0.49 0.00	13.00 0.13 0.00	8.26 0.01 0.00	6.35 0.01 0.00	7.39 0.02 0.00	16.93 0.15 0.00	22.59 0.49 0.00	30.94 1.00 0.00	58.00 1.95 0.00	45.35 1.32 0.00	49.15 1.83 0.00	49.37 1.71 0.00	47.30 1.33 0.00	27.69 0.75 0.00
IP___TICONDEROGA 23804	38.67 2.49 0.00	27.62 1.53 0.00	30.63 1.55 0.00	28.56 1.42 0.00	28.10 1.39 0.00	38.64 2.38 0.00	53.79 3.70 0.00	65.64 4.47 0.00	50.63 3.15 0.00	33.78 1.78 0.00	27.17 0.98 0.00	13.10 0.22 0.00	8.28 0.03 0.00	6.35 0.01 0.00	7.42 0.05 0.00	17.01 0.24 0.00	23.02 0.92 0.00	31.79 1.85 0.00	59.84 3.79 0.00	46.56 2.53 0.00	51.19 3.87 0.00	51.30 3.64 0.00	48.80 2.84 0.00	28.41 1.47 0.00

ISLIP_RES_REC 323679	38.54 2.36 0.00	27.84 1.75 0.00	30.94 1.86 0.00	28.78 1.64 0.00	28.41 1.70 0.00	38.48 2.22 0.00	54.75 2.78 -1.88	63.90 2.74 0.00	49.58 2.10 0.00	33.88 1.88 0.00	28.07 1.88 0.00	13.67 0.80 0.00	9.00 0.51 -0.24	6.72 0.38 0.00	7.86 0.49 0.00	18.09 1.32 0.00	24.14 2.03 0.00	32.57 2.64 0.00	59.64 3.59 0.00	46.81 2.79 0.00	50.20 2.88 0.00	50.60 2.95 0.00	48.70 2.74 0.00	28.55 1.61 0.00
JAMAICA__27_KV_LOAD 355505	38.21 2.03 0.00	27.56 1.47 0.00	30.67 1.59 0.00	28.54 1.40 0.00	28.16 1.45 0.00	38.11 1.85 0.00	52.59 2.50 0.00	64.33 3.17 0.00	50.10 2.63 0.00	34.22 2.23 0.00	28.32 2.12 -0.01	13.88 1.00 0.00	9.22 0.67 -0.30	6.87 0.53 0.00	8.02 0.66 0.00	18.37 1.59 0.00	24.23 2.12 0.00	32.64 2.70 0.00	60.08 4.03 0.00	47.07 3.04 0.00	50.38 3.07 0.00	50.97 3.31 0.00	48.97 3.01 0.00	28.82 1.88 0.00
JANIS__SOLAR 323808	36.86 0.30 -0.39	26.35 0.22 -0.05	29.51 0.14 -0.28	27.97 0.20 -0.64	29.67 0.29 -2.67	39.98 0.70 -3.02	55.15 1.24 -3.82	103.01 1.79 -40.05	60.45 0.42 -12.55	34.01 -0.58 -2.60	26.82 -0.60 -1.23	12.77 -0.41 -0.31	8.00 -0.26 -0.01	6.54 -0.20 -0.40	7.84 -0.22 -0.70	17.72 -0.45 -1.40	23.10 -0.62 -1.62	31.97 -0.43 -2.46	63.25 0.58 -6.62	51.37 0.99 -6.35	63.26 0.73 -15.21	55.98 0.46 -7.86	48.36 0.58 -1.81	27.86 0.31 -0.61
JARVIS____ 23743	36.18 0.00 0.00	26.09 0.00 0.00	29.08 0.01 0.00	27.13 0.00 0.00	26.71 0.00 0.00	36.24 -0.01 0.00	50.04 -0.05 0.00	61.11 -0.05 0.00	47.40 -0.08 0.00	31.95 -0.05 0.00	26.15 -0.04 0.00	12.86 -0.02 0.00	8.23 -0.02 0.00	6.33 -0.01 0.00	7.36 -0.01 0.00	16.77 0.00 0.00	22.10 -0.01 0.00	29.96 0.02 0.00	56.08 0.04 0.00	44.01 -0.01 0.00	47.31 0.00 0.00	47.66 -0.01 0.00	45.95 -0.01 0.00	26.93 -0.01 0.00
JENNISON__1 23625	37.46 0.03 -1.26	26.10 0.02 0.00	29.32 0.05 -0.19	27.34 0.21 0.00	27.54 0.29 -0.54	37.39 0.80 -0.33	54.32 1.03 -3.20	73.17 1.29 -10.72	56.33 0.40 -8.44	32.28 -0.11 -0.40	26.11 -0.08 0.00	12.78 -0.09 0.00	8.21 -0.05 0.00	6.30 -0.04 0.00	7.30 -0.07 0.00	16.65 -0.12 0.00	21.87 -0.24 0.00	29.96 0.02 0.00	56.84 0.79 0.00	44.97 0.94 0.00	49.32 0.49 -1.51	51.51 0.18 -3.67	62.76 0.31 -16.48	30.28 0.20 -3.14
JENNISON__2 23626	37.46 0.03 -1.26	26.10 0.02 0.00	29.32 0.05 -0.19	27.34 0.21 0.00	27.54 0.29 -0.54	37.39 0.80 -0.33	54.32 1.03 -3.20	73.17 1.29 -10.72	56.33 0.40 -8.44	32.28 -0.11 -0.40	26.11 -0.08 0.00	12.78 -0.09 0.00	8.21 -0.05 0.00	6.30 -0.04 0.00	7.30 -0.07 0.00	16.65 -0.12 0.00	21.87 -0.24 0.00	29.96 0.02 0.00	56.84 0.79 0.00	44.97 0.94 0.00	49.32 0.49 -1.51	51.51 0.18 -3.67	62.76 0.31 -16.48	30.28 0.20 -3.14
JERICHO_RISE_WT_PWR 323719	35.41 -0.77 0.00	25.45 -0.64 0.00	28.46 -0.62 0.00	26.65 -0.49 0.00	26.26 -0.45 0.00	35.76 -0.50 0.00	49.61 -0.48 0.00	60.69 -0.47 0.00	47.20 -0.28 0.00	31.80 -0.20 0.00	25.77 -0.43 0.00	12.57 -0.30 0.00	8.06 -0.19 0.00	6.16 -0.18 0.00	7.13 -0.24 0.00	16.15 -0.63 0.00	21.31 -0.80 0.00	28.74 -1.19 0.00	54.17 -1.88 0.00	42.80 -1.23 0.00	46.47 -1.28 0.00	46.47 -1.19 0.00	44.79 -1.17 0.00	26.26 -0.68 0.00
KATONAH__115KV_46KV_TB4 355592	37.85 1.67 0.00	27.22 1.14 0.00	30.26 1.18 0.00	28.15 1.01 0.00	27.78 1.07 0.00	37.69 1.43 0.00	52.11 2.02 0.00	63.76 2.60 0.00	49.65 2.18 0.00	33.74 1.74 0.00	27.80 1.61 0.00	13.62 0.74 0.00	8.73 0.48 0.00	6.71 0.37 0.00	7.84 0.47 0.00	17.95 1.18 0.00	23.71 1.60 0.00	32.02 2.08 0.00	59.09 3.04 0.00	46.26 2.23 0.00	49.59 2.27 0.00	50.10 2.44 0.00	48.18 2.21 0.00	28.26 1.31 0.00
KCE_NY_1 323755	37.62 1.44 0.00	27.02 0.94 0.00	30.18 1.10 0.00	28.12 0.99 0.00	27.67 0.96 0.00	37.66 1.39 0.00	51.96 1.87 0.00	63.48 2.32 0.00	49.21 1.74 0.00	33.07 1.07 0.00	26.88 0.69 0.00	13.15 0.27 0.00	8.38 0.13 0.00	6.44 0.10 0.00	7.49 0.12 0.00	17.15 0.37 0.00	22.79 0.69 0.00	31.11 1.17 0.00	58.25 2.20 0.00	45.57 1.54 0.00	49.27 1.95 0.00	49.54 1.88 0.00	47.58 1.61 0.00	27.87 0.93 0.00
KCE_NY_6_ESR 323823	28.21 -3.33 4.64	23.54 -2.31 0.23	24.86 -2.52 1.69	22.00 -2.29 2.85	10.80 -2.24 13.67	18.05 -2.84 15.37	21.25 -3.97 24.87	24.00 -5.89 31.28	13.45 -4.65 29.38	14.25 -3.32 14.43	17.14 -2.64 6.42	9.91 -1.34 1.62	7.40 -0.78 0.06	3.65 -0.57 2.12	3.02 -0.67 3.68	7.79 -1.59 7.39	11.04 -2.25 8.82	13.81 -2.88 13.24	12.43 -4.79 38.83	8.62 -3.38 32.03	-0.18 -3.92 43.57	13.41 -4.40 29.85	3.39 -3.21 39.36	15.55 -2.27 9.11
KEDC_PORT_JEFF_GT2 24210	38.34 2.16 0.00	27.70 1.61 0.00	30.77 1.69 0.00	28.61 1.48 0.00	28.24 1.53 0.00	38.24 1.98 0.00	54.33 2.43 -1.81	63.44 2.28 0.00	49.25 1.77 0.00	33.69 1.69 0.00	27.92 1.73 0.00	13.60 0.73 0.00	8.96 0.47 -0.24	6.69 0.35 0.00	7.83 0.46 0.00	18.01 1.23 0.00	24.01 1.91 0.00	32.37 2.43 0.00	59.24 3.20 0.00	46.48 2.46 0.00	49.84 2.53 0.00	50.29 2.63 0.00	48.42 2.45 0.00	28.39 1.45 0.00
KEDC_PORT_JEFF_GT3 24211	38.34 2.16 0.00	27.70 1.61 0.00	30.77 1.69 0.00	28.61 1.48 0.00	28.24 1.53 0.00	38.24 1.98 0.00	54.33 2.43 -1.81	63.44 2.28 0.00	49.25 1.77 0.00	33.69 1.69 0.00	27.92 1.73 0.00	13.60 0.73 0.00	8.96 0.47 -0.24	6.69 0.35 0.00	7.83 0.46 0.00	18.01 1.23 0.00	24.01 1.91 0.00	32.37 2.43 0.00	59.24 3.20 0.00	46.48 2.46 0.00	49.84 2.53 0.00	50.29 2.63 0.00	48.42 2.45 0.00	28.39 1.45 0.00
KEDC_GLWD_GT4 24219	38.07 1.90 0.00	27.41 1.32 0.00	30.45 1.37 0.00	28.31 1.18 0.00	27.94 1.23 0.00	37.87 1.61 0.00	52.22 2.13 0.00	63.27 2.11 0.00	49.24 1.76 0.00	33.64 1.65 0.00	27.91 1.72 0.00	13.66 0.78 0.00	9.00 0.51 -0.24	6.74 0.40 0.00	7.88 0.51 0.00	18.08 1.31 0.00	23.93 1.82 0.00	32.10 2.16 0.00	58.95 2.90 0.00	46.21 2.18 0.00	49.49 2.18 0.00	50.06 2.40 0.00	48.40 2.44 0.00	28.40 1.46 0.00
KEDC_GLWD_GTS 24220	38.07 1.90 0.00	27.41 1.32 0.00	30.45 1.37 0.00	28.31 1.18 0.00	27.94 1.23 0.00	37.87 1.61 0.00	52.22 2.13 0.00	63.27 2.11 0.00	49.24 1.76 0.00	33.64 1.65 0.00	27.91 1.72 0.00	13.66 0.78 0.00	9.00 0.51 -0.24	6.74 0.40 0.00	7.88 0.51 0.00	18.08 1.31 0.00	23.93 1.82 0.00	32.10 2.16 0.00	58.95 2.90 0.00	46.21 2.18 0.00	49.49 2.18 0.00	50.06 2.40 0.00	48.40 2.44 0.00	28.40 1.46 0.00
KENSICO____ 23655	37.78 1.60 0.00	27.17 1.09 0.00	30.20 1.13 0.00	28.10 0.96 0.00	27.73 1.02 0.00	37.59 1.33 0.00	51.95 1.86 0.00	63.53 2.37 0.00	49.39 1.92 0.00	33.60 1.60 0.00	27.72 1.53 0.00	13.58 0.70 0.00	8.72 0.47 0.00	6.71 0.37 0.00	7.84 0.47 0.00	17.96 1.18 0.00	23.71 1.60 0.00	31.99 2.05 0.00	58.97 2.92 0.00	46.15 2.13 0.00	49.47 2.15 0.00	50.02 2.36 0.00	48.10 2.14 0.00	28.23 1.29 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.84 1.67 0.00	27.23 1.15 0.00	30.28 1.20 0.00	28.19 1.06 0.00	27.83 1.12 0.00	37.79 1.53 0.00	52.31 2.22 0.00	64.06 2.89 0.00	49.68 2.21 0.00	33.48 1.48 0.00	27.47 1.28 0.00	13.43 0.56 0.00	8.59 0.34 0.00	6.61 0.27 0.00	7.71 0.34 0.00	17.66 0.89 0.00	23.34 1.23 0.00	31.61 1.68 0.00	58.76 2.72 0.00	46.13 2.10 0.00	49.49 2.17 0.00	49.93 2.27 0.00	48.01 2.05 0.00	28.14 1.20 0.00
KIAC_JFK_GT1 23816	37.97 1.79 0.00	27.38 1.30 0.00	30.48 1.40 0.00	28.36 1.22 0.00	28.00 1.29 0.00	37.85 1.59 0.00	52.09 2.01 0.00	63.72 2.55 0.00	49.64 2.17 0.00	33.93 1.93 0.00	28.16 1.96 -0.01	13.81 0.94 0.00	9.17 0.63 -0.30	6.84 0.49 0.00	7.99 0.62 0.00	18.28 1.51 0.00	24.09 1.98 0.00	32.36 2.42 0.00	59.54 3.49 0.00	46.64 2.61 0.00	49.92 2.61 0.00	50.66 3.00 0.00	48.69 2.73 0.00	28.67 1.72 0.00
KIAC_JFK_GT2 23817	37.97 1.79 0.00	27.38 1.30 0.00	30.48 1.40 0.00	28.36 1.22 0.00	28.00 1.29 0.00	37.85 1.59 0.00	52.09 2.01 0.00	63.72 2.55 0.00	49.64 2.17 0.00	33.93 1.93 0.00	28.16 1.96 -0.01	13.81 0.94 0.00	9.17 0.63 -0.30	6.84 0.49 0.00	7.99 0.62 0.00	18.28 1.51 0.00	24.09 1.98 0.00	32.36 2.42 0.00	59.54 3.49 0.00	46.64 2.61 0.00	49.92 2.61 0.00	50.66 3.00 0.00	48.69 2.73 0.00	28.67 1.72 0.00
KIAC_JFK____ 323774	37.96 1.79 0.00	27.38 1.30 0.00	30.48 1.40 0.00	28.36 1.22 0.00	28.00 1.29 0.00	37.84 1.58 0.00	52.09 2.00 0.00	63.74 2.58 0.00	49.66 2.19 0.00	33.91 1.92 0.00	28.16 1.96 -0.01	13.82 0.94 -0.01	9.18 0.63 -0.30	6.84 0.49 -0.01	7.99 0.62 -0.01	18.29 1.51 -0.01	24.08 1.97 0.00	32.35 2.42 0.00	59.56 3.51 0.00	46.65 2.63 0.00	49.93 2.62 0.00	50.68 3.02 0.00	48.73 2.77 0.00	28.67 1.73 0.00
KINTIGH_24_KV_GSU 356498	28.85 -3.84 3.49	23.20 -2.70 0.18	24.80 -2.95 1.33	22.22 -2.67 2.25	13.85 -2.61 10.25	21.86 -3.38 11.02	27.14 -4.73 18.22	31.71 -6.69 22.77	21.00 -5.26 21.22	19.50 -3.74 8.76	19.44 -2.93 3.83	10.44 -1.47 0.97	7.36 -0.85 0.04	4.44 -0.64 1.26	4.43 -0.75 2.19	10.56 -1.81 4.40	14.10 -2.50 5.51	18.59 -3.24 8.10	16.50 -5.51 34.03	17.54 -4.15 22.34	12.33 -4.71 30.28	22.48 -5.02 20.16	11.17 -3.85 30.95	17.72 -2.58 6.65
KINTIGH____ 23543	29.71 -3.86 2.60	23.38 -2.70 0.00	25.79 -2.96 0.33	24.46 -2.68 0.00	21.34 -2.62 2.75	28.41 -3.41 4.45	36.60 -4.76 8.74	31.69 -6.71 22.77	21.03 -5.22 21.22	19.43 -3.81 8.76	19.39 -2.98 3.83	10.42 -1.48 0.97	7.36 -0.85 0.04	4.44 -0.64 1.26	4.43 -0.75 2.19	10.55 -1.83 4.40	14.06 -3.35 5.51	18.53 -5.54 8.06	18.13 -4.12 32.38	25.74 -4.69 14.17	28.65 -5.03 13.98	26.94 -3.74 15.69	17.46 -2.57 24.76	17.99 -2.57 6.38
KNTFSRNC_46_KV_46KV_LOAD 80397	35.92 -0.26 0.00	25.81 -0.27 0.00	28.85 -0.23 0.00	27.02 -0.11 0.00	26.62 -0.09 0.00	36.33 0.07 0.00	50.39 0.30 0.00	61.75 0.59 0.00	48.04 0.56 0.00	32.34 0.34 0.00	26.17 -0.02 0.00	12.75 -0.12 0.00	8.19 -0.07 0.00	6.25 -0.09 0.00	7.24 -0.13 0.00	16.41 -0.37 0.00	21.65 -0.45 0.00	29.24 -0.70 0.00	55.16 -0.89 0.00	43.57 -0.46 0.00	46.89 -0.43 0.00	47.35 -0.31 0.00	45.46 -0.50 0.00	26.67 -0.27 0.00
LACHUTE__HYDRO 323717	38.67 2.50 0.00	27.62 1.53 0.00	30.63 1.55 0.00	28.56 1.42 0.00	28.10 1.39 0.00	38.64 2.38 0.00	53.78 3.69 0.00	65.63 4.47 0.00	50.62 3.15 0.00	33.78 1.78 0.00	27.17 0.98 0.00	13.10 0.22 0.00	8.28 0.03 0.00	6.35 0.01 0.00	7.42 0.05 0.00	17.01 0.24 0.00	23.02 0.92 0.00	31.79 1.85 0.00	59.84 3.79 0.00	46.56 2.53 0.00	51.19 3.87 0.00	51.30 3.64 0.00	48.80 2.84 0.00	28.41 1.47 0.00
LAWRNCV_115KV_TB1 80681	36.00 -0.18 0.00	25.89 -0.20 0.00	28.94 -0.14 0.00	27.09 -0.05 0.00	26.62 -0.09 0.00	36.25 -0.01 0.00	50.34 0.25 0.00	61.65 0.49 0.00	47.86 0.38 0.00	32.19 0.19 0.00	26.22 0.03 0.00	12.80 -0.07 0.00	8.17 -0.08 0.00	6.23 -0.11 0.00	7.19 -0.18 0.00	16.20 -0.57 0.00	21.38 -0.73 0.00	28.89 -1.05 0.00	54.74 -1.31 0.00	43.46 -0.57 0.00	46.59 -0.72 0.00	47.22 -0.44 0.00	45.51 -0.45 0.00	26.67 -0.27 0.00
LEDERLE____ 23769	37.72 1.54 0.00	27.12 1.04 0.00	30.17 1.09 0.00	28.06 0.92 0.00	27.70 0.99 0.00	37.56 1.30 0.00	51.94 1.85 0.00	63.56 2.39 0.00	49.37 1.90 0.00	33.56 1.56 0.00	27.66 1.46 0.00	13.55 0.67 0.00	8.70 0.45 0.00	6.70 0.36 0.00	7.83 0.46 0.00	17.93 1.16 0.00	23.67 1.56 0.00	31.95 2.01 0.00	58.97 2.93 0.00	46.17 2.15 0.00	49.46 2.15 0.00	49.98 2.32 0.00	48.09 2.13 0.00	28.19 1.25 0.00
LIGHTHSE_115KV_TB6 355974	34.71 -1.47 0.00	24.99 -1.10 0.00	27.97 -1.11 0.00	26.17 -0.97 0.00	25.68 -1.03 0.00	34.97 -1.29 0.00	48.75 -1.34 0.00	59.73 -1.43 0.00	46.06 -1.42 0.00	30.89 -1.11 0.00	25.25 -0.95 0.00	12.25 -0.62 0.00	7.78 -0.47 0.00	5.98 -0.36 0.00	6.89 -0.48 0.00	15.64 -1.14 0.00	20.73 -1.38 0.00	28.41 -1.53 0.00	54.52 -1.53 0.00	43.37 -0.66 0.00	46.19 -1.13 0.00	46.17 -1.50 0.00	44.21 -1.75 0.00	25.72 -1.22 0.00
LINDEN COGEN____ 23786	37.85 1.68 0.00	27.25 1.16 0.00	30.28 1.20 0.00	28.18 1.04 0.00	27.81 1.11 0.00	37.66 1.40 0.00	52.05 1.96 0.00	63.64 2.48 0.00	49.54 2.07 0.00	33.72 1.72 0.00	27.88 1.69 0.00	13.67 0.79 1.81	6.98 0.54 0.00	6.77 0.43 0.00	7.91 0.54 0.00	18.12 1.35 0.00	23.91 1.81 0.00	32.21 2.27 0.00	59.28 3.23 0.00	46.39 2.36 0.00	49.67 2.35 0.00	50.31 2.65 0.00	48.41 2.45 0.00	28.42 1.48 0.00
LINDHRST_69_KV_BK1 356055	38.39 2.21 0.00	27.67 1.59 0.00	30.75 1.67 0.00	28.59 1.45 0.00	28.21 1.50 0.00	38.21 1.95 0.00	53.26 2.50 -0.67	63.74 2.58 0.00	49.48 2.01 0.00	33.83 1.84 0.00	28.01 1.81 0.00	13.66 0.79 0.00	8.99 0.50 -0.24	6.72 0.38 0.00	7.87 0.50 0.00	18.09 1.31 0.00	24.06 1.96 0.00	32.40 2.46 0.00	59.34 3.29 0.00	46.61 2.58 0.00	49.93 2.62 0.00	50.44 2.78 0.00	48.55 2.59 0.00	28.52 1.58 0.00
LIPA_MISC_IPP 23656	38.30 2.13 0.00	27.73 1.65 0.00	30.81 1.73 0.00	28.66 1.53 0.00	28.29 1.58 0.00	38.32 2.06 0.00	54.70 2.37 -2.24	63.23 2.07 0.00	49.05 1.57 0.00	33.58 1.58 0.00	27.84 1.64 0.00	13.55 0.68 0.00	8.93 0.45 -0.24	6.66 0.32 0.00	7.79 0.42 0.00	17.93 1.16 0.00	23.99 1.88 0.00	32.37 2.44 0.00	59.20 3.15 0.00	46.42 2.39 0.00	49.80 2.48 0.00	50.15 2.49 0.00	48.22 2.25 0.00	28.21 1.27 0.00
LISF__SOLAR 323691	38.36 2.19 0.00	27.78 1.69 0.00	30.86 1.78 0.00	28.70 1.57 0.00	28.33 1.62 0.00	38.38 2.11 0.00	54.72 2.46 -2.17	63.36 2.20 0.00	49.16 1.69 0.00	33.61 1.61 0.00	27.85 1.65 0.00	13.56 0.68 0.00	8.94 0.45 -0.24	6.66 0.32 0.00	7.79 0.42 0.00	17.94 1.16 0.00	24.00 1.90 0.00	32.42 2.48 0.00	59.32 3.27 0.00	46.53 2.50 0.00	49.93 2.61 0.00	50.26 2.60 0.00	48.35 2.39 0.00	28.28 1.33 0.00

LITTLE FALLS___HYD 24013	36.73 0.56 0.00	26.51 0.43 0.00	29.57 0.50 0.00	27.52 0.39 0.00	27.03 0.32 0.00	36.87 0.61 0.00	50.90 0.81 0.00	62.26 1.10 0.00	47.72 0.25 0.00	31.75 -0.25 0.00	25.78 -0.41 0.00	12.64 -0.24 0.00	8.05 -0.20 0.00	6.20 -0.14 0.00	7.20 -0.16 0.00	16.48 -0.29 0.00	21.95 -0.16 0.00	30.25 0.31 0.00	56.90 0.85 0.00	44.62 0.59 0.00	48.17 0.85 0.00	48.45 0.79 0.00	46.43 0.47 0.00	27.21 0.26 0.00
LITTLRIV_115KV_TB1 356100	36.37 0.19 0.00	26.15 0.06 0.00	29.23 0.15 0.00	27.36 0.23 0.00	26.89 0.18 0.00	36.65 0.39 0.00	51.00 0.91 0.00	62.50 1.33 0.00	48.45 0.98 0.00	32.56 0.56 0.00	26.49 0.30 0.00	12.89 0.01 0.00	8.21 -0.04 0.00	6.26 -0.08 0.00	7.23 -0.14 0.00	16.28 -0.49 0.00	21.45 -0.65 0.00	28.95 -0.99 0.00	55.16 -0.88 0.00	43.98 -0.05 0.00	47.17 -0.14 0.00	47.76 0.10 0.00	46.00 0.04 0.00	26.96 0.02 0.00
LI_NEWBRDGE___DRP 323616	37.84 1.67 0.00	27.28 1.19 0.00	30.31 1.23 0.00	28.18 1.05 0.00	27.80 1.09 0.00	37.65 1.39 0.00	51.82 1.73 0.00	62.92 1.75 0.00	48.92 1.44 0.00	33.47 1.47 0.00	27.70 1.51 0.00	13.53 0.66 0.00	8.92 0.43 -0.24	6.67 0.33 0.00	7.81 0.44 0.00	17.93 1.15 0.00	23.78 1.67 0.00	31.98 2.04 0.00	58.58 2.54 0.00	45.98 1.95 0.00	49.27 1.95 0.00	49.79 2.13 0.00	47.92 1.96 0.00	28.16 1.22 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.27 -4.04 2.87	23.31 -2.78 0.00	25.69 -3.04 0.35	24.42 -2.71 0.00	20.88 -2.62 3.21	27.58 -3.38 5.30	35.37 -4.83 9.89	28.91 -6.87 25.39	18.63 -5.33 23.51	17.52 -3.98 10.50	18.44 -3.14 4.62	10.12 -1.59 1.16	7.26 -0.94 0.05	4.14 -0.68 1.52	3.93 -0.79 2.65	9.54 -1.92 5.31	12.75 -2.73 6.63	16.65 -3.56 9.73	16.39 -5.75 33.91	23.29 -4.30 16.43	25.82 -4.90 16.59	24.05 -5.29 18.32	15.18 -3.65 27.14	17.12 -2.64 7.18
LOCKPORT___CC1 323769	28.26 -4.05 3.87	23.09 -2.81 0.19	24.63 -3.06 1.39	22.08 -2.75 2.31	12.96 -2.66 11.10	20.43 -3.41 12.42	25.18 -4.85 20.06	28.01 -7.02 26.14	17.65 -5.53 24.30	16.87 -3.95 11.17	18.12 -3.14 4.93	10.05 -1.59 1.24	7.26 -0.94 0.05	4.03 -0.68 1.63	3.74 -0.80 2.83	9.17 -1.93 5.68	12.39 -2.70 7.01	16.09 -3.46 10.39	13.86 -5.84 36.34	13.86 -4.39 25.77	7.95 -4.98 34.39	18.41 -5.37 23.88	8.13 -3.77 34.05	16.53 -2.72 7.69
LOCKPORT___CC2 323770	28.26 -4.05 3.87	23.09 -2.81 0.19	24.63 -3.06 1.39	22.08 -2.75 2.31	12.96 -2.66 11.10	20.43 -3.41 12.42	25.18 -4.85 20.06	28.01 -7.02 26.14	17.65 -5.53 24.30	16.87 -3.95 11.17	18.12 -3.14 4.93	10.05 -1.59 1.24	7.26 -0.94 0.05	4.03 -0.68 1.63	3.74 -0.80 2.83	9.17 -1.93 5.68	12.39 -2.70 7.01	16.09 -3.46 10.39	13.86 -5.84 36.34	13.86 -4.39 25.77	7.95 -4.98 34.39	18.41 -5.37 23.88	8.13 -3.77 34.05	16.53 -2.72 7.69
LOCKPORT___CC3 323771	28.26 -4.05 3.87	23.09 -2.81 0.19	24.63 -3.06 1.39	22.08 -2.75 2.31	12.96 -2.66 11.10	20.43 -3.41 12.42	25.18 -4.85 20.06	28.01 -7.02 26.14	17.65 -5.53 24.30	16.87 -3.95 11.17	18.12 -3.14 4.93	10.05 -1.59 1.24	7.26 -0.94 0.05	4.03 -0.68 1.63	3.74 -0.80 2.83	9.17 -1.93 5.68	12.39 -2.70 7.01	16.09 -3.46 10.39	13.86 -5.84 36.34	13.86 -4.39 25.77	7.95 -4.98 34.39	18.41 -5.37 23.88	8.13 -3.77 34.05	16.53 -2.72 7.69
LOCUSVLY_69_KV_BK2 55797	38.17 1.99 0.00	27.50 1.41 0.00	30.54 1.47 0.00	28.40 1.26 0.00	28.03 1.32 0.00	37.98 1.72 0.00	51.87 2.24 0.46	63.53 2.37 0.00	49.38 1.90 0.00	33.77 1.77 0.00	27.97 1.78 0.00	13.67 0.80 0.00	9.01 0.52 -0.24	6.75 0.41 0.00	7.89 0.52 0.00	18.11 1.34 0.00	24.00 1.89 0.00	32.26 2.33 0.00	59.14 3.09 0.00	46.38 2.36 0.00	49.69 2.37 0.00	50.23 2.57 0.00	48.42 2.46 0.00	28.44 1.50 0.00
LONG_LAKE_PHOENIX 24014	35.04 -1.14 0.00	25.31 -0.78 0.00	28.19 -0.88 0.00	26.32 -0.82 0.00	25.92 -0.79 0.00	35.22 -1.04 0.00	48.91 -1.18 0.00	59.82 -1.34 0.00	46.29 -1.19 0.00	31.05 -0.95 0.00	25.34 -0.85 0.00	12.43 -0.44 0.00	7.95 -0.30 0.00	6.12 -0.22 0.00	7.11 -0.25 0.00	16.16 -0.61 0.00	21.22 -0.89 0.00	28.81 -1.12 0.00	54.27 -1.78 0.00	42.76 -1.28 0.00	45.85 -1.46 0.00	46.08 -1.58 0.00	44.43 -1.54 0.00	26.00 -0.93 0.00
LOVETT___3 23632	37.55 1.38 0.00	27.01 0.93 0.00	30.04 0.96 0.00	27.94 0.80 0.00	27.58 0.87 0.00	37.38 1.12 0.00	51.66 1.57 0.00	63.19 2.03 0.00	49.10 1.63 0.00	33.39 1.39 0.00	27.53 1.34 0.00	13.49 0.61 0.00	8.66 0.40 0.00	6.67 0.33 0.00	7.79 0.42 0.00	17.85 1.07 0.00	23.54 1.43 0.00	31.76 1.82 0.00	58.61 2.55 0.00	45.88 1.85 0.00	49.15 1.84 0.00	49.70 2.03 0.00	47.82 1.86 0.00	28.06 1.12 0.00
LOVETT___4 23642	37.55 1.38 0.00	27.01 0.93 0.00	30.04 0.96 0.00	27.94 0.80 0.00	27.58 0.87 0.00	37.38 1.12 0.00	51.66 1.57 0.00	63.19 2.03 0.00	49.10 1.63 0.00	33.39 1.39 0.00	27.53 1.34 0.00	13.49 0.61 0.00	8.66 0.40 0.00	6.67 0.33 0.00	7.79 0.42 0.00	17.85 1.07 0.00	23.54 1.43 0.00	31.76 1.82 0.00	58.61 2.55 0.00	45.88 1.85 0.00	49.15 1.84 0.00	49.70 2.03 0.00	47.82 1.86 0.00	28.06 1.12 0.00
LOVETT___5 23593	37.55 1.38 0.00	27.01 0.93 0.00	30.04 0.96 0.00	27.94 0.80 0.00	27.58 0.87 0.00	37.38 1.12 0.00	51.66 1.57 0.00	63.19 2.03 0.00	49.10 1.63 0.00	33.39 1.39 0.00	27.53 1.34 0.00	13.49 0.61 0.00	8.66 0.40 0.00	6.67 0.33 0.00	7.79 0.42 0.00	17.85 1.07 0.00	23.54 1.43 0.00	31.76 1.82 0.00	58.61 2.55 0.00	45.88 1.85 0.00	49.15 1.84 0.00	49.70 2.03 0.00	47.82 1.86 0.00	28.06 1.12 0.00
LOWER RAQUET___HYD 24057	35.92 -0.25 0.00	25.83 -0.26 0.00	28.88 -0.20 0.00	27.04 -0.10 0.00	26.57 -0.15 0.00	36.18 -0.07 0.00	50.30 0.21 0.00	61.60 0.44 0.00	47.80 0.32 0.00	32.15 0.15 0.00	26.18 -0.01 0.00	12.76 -0.11 0.00	8.14 -0.12 0.00	6.21 -0.13 0.00	7.16 -0.21 0.00	16.10 -0.68 0.00	21.25 -0.86 0.00	28.71 -1.23 0.00	54.48 -1.57 0.00	43.31 -0.72 0.00	46.42 -0.89 0.00	47.09 -0.57 0.00	45.40 -0.56 0.00	26.59 -0.35 0.00
LOWER___HUDSON 24059	37.30 1.12 0.00	26.78 0.70 0.00	29.93 0.86 0.00	27.90 0.76 0.00	27.41 0.70 0.00	37.24 0.98 0.00	51.22 1.14 0.00	62.49 1.33 0.00	48.53 1.05 0.00	32.81 0.81 0.00	26.78 0.58 0.00	13.13 0.25 0.00	8.38 0.13 0.00	6.44 0.11 0.00	7.50 0.13 0.00	17.13 0.35 0.00	22.73 0.62 0.00	30.81 0.87 0.00	57.41 1.36 0.00	44.90 0.87 0.00	48.61 1.30 0.00	48.94 1.28 0.00	47.06 1.09 0.00	27.60 0.66 0.00
LOWVILLE_115KV_TB2 356335	34.83 -1.35 0.00	25.00 -1.09 0.00	28.14 -0.94 0.00	26.45 -0.69 0.00	25.80 -0.91 0.00	35.05 -1.21 0.00	48.97 -1.12 0.00	60.02 -1.14 0.00	46.25 -1.23 0.00	31.16 -0.83 0.00	25.43 -0.76 0.00	12.32 -0.56 0.00	7.80 -0.45 0.00	5.98 -0.36 0.00	6.87 -0.50 0.00	15.67 -1.10 0.00	20.84 -1.26 0.00	28.56 -1.38 0.00	55.07 -0.98 0.00	43.81 -0.22 0.00	46.38 -0.93 0.00	46.43 -1.23 0.00	44.66 -1.30 0.00	25.89 -1.05 0.00

LUTHERFT_115KV_GLOB_FND_222 355753	37.61 1.43 0.00	27.03 0.94 0.00	30.17 1.09 0.00	28.12 0.98 0.00	27.67 0.95 0.00	37.63 1.37 0.00	51.95 1.86 0.00	63.41 2.25 0.00	49.11 1.64 0.00	33.03 1.04 0.00	26.89 0.69 0.00	13.15 0.27 0.00	8.38 0.13 0.00	6.44 0.10 0.00	7.49 0.13 0.00	17.14 0.37 0.00	22.78 0.68 0.00	31.09 1.15 0.00	58.17 2.13 0.00	45.53 1.50 0.00	49.22 1.90 0.00	49.50 1.84 0.00	47.55 1.59 0.00	27.85 0.91 0.00
LUTHERNY_35_KV_BK2 355980	37.62 1.44 0.00	27.03 0.94 0.00	30.18 1.10 0.00	28.12 0.99 0.00	27.67 0.96 0.00	37.66 1.40 0.00	51.96 1.87 0.00	63.48 2.31 0.00	49.22 1.74 0.00	33.07 1.07 0.00	26.89 0.69 0.00	13.15 0.27 0.00	8.38 0.13 0.00	6.44 0.10 0.00	7.49 0.12 0.00	17.15 0.37 0.00	22.80 0.69 0.00	31.11 1.17 0.00	58.23 2.18 0.00	45.57 1.54 0.00	49.26 1.94 0.00	49.53 1.87 0.00	47.57 1.61 0.00	27.87 0.93 0.00
LWR__OSWEGATCHIE_HYD 23850	35.09 -1.08 0.00	25.21 -0.88 0.00	28.28 -0.79 0.00	26.52 -0.62 0.00	25.97 -0.74 0.00	35.35 -0.92 0.00	49.29 -0.80 0.00	60.43 -0.73 0.00	46.71 -0.76 0.00	31.43 -0.57 0.00	25.60 -0.59 0.00	12.43 -0.44 0.00	7.89 -0.36 0.00	6.03 -0.31 0.00	6.94 -0.43 0.00	15.70 -1.07 0.00	20.81 -1.29 0.00	28.34 -1.59 0.00	54.30 -1.75 0.00	43.22 -0.81 0.00	46.02 -1.29 0.00	46.36 -1.30 0.00	44.60 -1.37 0.00	25.98 -0.96 0.00
LYONS_FALL_HYD 23570	35.53 -0.65 0.00	25.55 -0.54 0.00	28.65 -0.43 0.00	26.87 -0.27 0.00	26.29 -0.42 0.00	35.74 -0.52 0.00	49.80 -0.29 0.00	60.98 -0.18 0.00	47.03 -0.45 0.00	31.62 -0.38 0.00	25.81 -0.38 0.00	12.56 -0.31 0.00	7.99 -0.26 0.00	6.13 -0.21 0.00	7.08 -0.29 0.00	16.14 -0.64 0.00	21.41 -0.70 0.00	29.26 -0.68 0.00	55.91 -0.14 0.00	44.27 0.24 0.00	47.12 -0.20 0.00	47.25 -0.41 0.00	45.46 -0.50 0.00	26.45 -0.49 0.00
MADISON__COUNTY_LFGE 323628	36.48 0.31 0.00	26.30 0.21 0.00	29.33 0.26 0.00	27.43 0.29 0.00	26.99 0.27 0.00	36.74 0.48 0.00	51.04 0.95 0.00	62.40 1.24 0.00	48.14 0.66 0.00	32.17 0.17 0.00	26.26 0.07 0.00	12.85 -0.03 0.00	8.21 -0.04 0.00	6.32 -0.02 0.00	7.34 -0.03 0.00	16.74 -0.03 0.00	22.13 0.02 0.00	30.15 0.21 0.00	57.03 0.98 0.00	44.99 0.97 0.00	48.15 0.83 0.00	48.36 0.70 0.00	46.57 0.61 0.00	27.22 0.28 0.00
MALONE__115KV_TB1 356076	35.89 -0.28 0.00	25.78 -0.30 0.00	28.84 -0.24 0.00	27.00 -0.14 0.00	26.59 -0.13 0.00	36.23 -0.03 0.00	50.29 0.20 0.00	61.75 0.58 0.00	47.96 0.48 0.00	32.27 0.28 0.00	26.15 -0.05 0.00	12.74 -0.14 0.00	8.15 -0.10 0.00	6.22 -0.12 0.00	7.18 -0.19 0.00	16.25 -0.52 0.00	21.44 -0.66 0.00	28.87 -1.06 0.00	54.64 -1.41 0.00	43.37 -0.66 0.00	46.54 -0.78 0.00	47.10 -0.56 0.00	45.27 -0.70 0.00	26.56 -0.38 0.00
MAPLEWOD_115KV_TB3 80458	37.40 1.23 0.00	26.89 0.80 0.00	30.02 0.95 0.00	27.99 0.85 0.00	27.51 0.79 0.00	37.35 1.09 0.00	51.41 1.32 0.00	62.73 1.56 0.00	48.71 1.23 0.00	32.93 0.93 0.00	26.93 0.74 0.00	13.22 0.34 0.00	8.44 0.19 0.00	6.49 0.15 0.00	7.55 0.19 0.00	17.26 0.49 0.00	22.86 0.75 0.00	30.96 1.02 0.00	57.67 1.62 0.00	45.12 1.09 0.00	48.76 1.45 0.00	49.11 1.45 0.00	47.23 1.27 0.00	27.73 0.79 0.00
MAPLE_RIDGE_WT_1 323574	34.93 -1.25 0.00	25.16 -0.92 0.00	28.11 -0.97 0.00	26.22 -0.91 0.00	25.81 -0.91 0.00	34.74 -1.52 0.00	47.83 -2.26 0.00	58.54 -2.62 0.00	45.46 -2.01 0.00	30.79 -1.21 0.00	25.22 -0.97 0.00	12.44 -0.44 0.00	7.95 -0.30 0.00	6.12 -0.21 0.00	7.07 -0.30 0.00	16.13 -0.64 0.00	21.28 -0.83 0.00	28.80 -1.14 0.00	54.36 -1.69 0.00	42.58 -1.45 0.00	45.60 -1.71 0.00	45.83 -1.83 0.00	44.31 -1.65 0.00	25.86 -1.08 0.00
MAPLE_RIDGE_WT_2 323611	34.93 -1.25 0.00	25.16 -0.92 0.00	28.11 -0.97 0.00	26.22 -0.91 0.00	25.81 -0.91 0.00	34.74 -1.52 0.00	47.83 -2.26 0.00	58.54 -2.62 0.00	45.46 -2.01 0.00	30.79 -1.21 0.00	25.22 -0.97 0.00	12.44 -0.44 0.00	7.95 -0.30 0.00	6.12 -0.21 0.00	7.07 -0.30 0.00	16.13 -0.64 0.00	21.28 -0.83 0.00	28.80 -1.14 0.00	54.36 -1.69 0.00	42.58 -1.45 0.00	45.60 -1.71 0.00	45.83 -1.83 0.00	44.31 -1.65 0.00	25.86 -1.08 0.00
MARBLE_RIVER_WT_PWR 323696	35.44 -0.73 0.00	25.48 -0.61 0.00	28.49 -0.59 0.00	26.68 -0.46 0.00	26.29 -0.42 0.00	35.82 -0.45 0.00	49.67 -0.42 0.00	60.78 -0.39 0.00	47.27 -0.21 0.00	31.86 -0.14 0.00	25.82 -0.37 0.00	12.60 -0.27 0.00	8.09 -0.16 0.00	6.18 -0.16 0.00	7.16 -0.21 0.00	16.22 -0.55 0.00	21.41 -0.70 0.00	28.90 -1.03 0.00	54.42 -1.63 0.00	42.94 -1.09 0.00	46.19 -1.13 0.00	46.62 -1.04 0.00	44.93 -1.03 0.00	26.34 -0.60 0.00
MARSHVLE_115KV_TB1 80742	36.86 0.68 0.00	26.68 0.60 0.00	29.80 0.72 0.00	27.77 0.63 0.00	27.39 0.68 0.00	37.20 0.94 0.00	51.79 1.70 0.00	63.35 2.19 0.00	48.58 1.11 0.00	32.02 0.02 0.00	26.07 -0.13 0.00	12.79 -0.08 0.00	8.21 -0.04 0.00	6.31 -0.03 0.00	7.31 -0.06 0.00	16.65 -0.13 0.00	21.91 -0.19 0.00	29.97 0.03 0.00	57.40 1.36 0.00	45.53 1.50 0.00	48.68 1.37 0.00	48.83 1.17 0.00	47.15 1.19 0.00	27.54 0.60 0.00
MARSH_HILL_WT_PWR 323713	30.27 -3.86 2.05	23.53 -2.55 0.00	25.55 -2.88 0.65	24.34 -2.80 0.00	30.78 -2.87 -6.94	50.08 -3.66 -17.47	55.08 -5.93 -10.92	25.06 -8.75 27.35	40.09 -6.77 0.62	71.79 -4.54 -44.34	43.92 -3.95 -21.67	16.46 -1.91 -5.49	7.23 -1.24 -0.22	12.57 -0.94 -7.18	18.78 -1.10 -12.51	39.65 -2.35 -25.23	47.24 -3.26 -28.39	69.79 -3.69 -43.54	125.63 -5.74 -75.31	109.22 -3.84 -69.03	103.57 -4.49 -60.74	84.95 -5.44 -42.73	-22.32 -4.64 63.64	20.80 -3.32 2.82
MCINTYRE_115KV_TB2 80467	36.73 0.56 0.00	26.42 0.33 0.00	29.53 0.45 0.00	27.63 0.50 0.00	27.17 0.46 0.00	37.04 0.78 0.00	51.54 1.45 0.00	63.07 1.91 0.00	48.88 1.41 0.00	32.82 0.83 0.00	26.71 0.51 0.00	13.00 0.12 0.00	8.28 0.03 0.00	6.31 -0.02 0.00	7.30 -0.07 0.00	16.47 -0.30 0.00	21.68 -0.43 0.00	29.24 -0.70 0.00	55.81 -0.25 0.00	44.58 0.55 0.00	47.85 0.53 0.00	48.36 0.70 0.00	46.55 0.59 0.00	27.29 0.35 0.00
MECO____69_KV_BK1 80468	37.68 1.51 0.00	27.20 1.12 0.00	30.34 1.27 0.00	28.30 1.16 0.00	27.91 1.20 0.00	37.96 1.70 0.00	52.80 2.71 0.00	64.57 3.41 0.00	49.60 2.12 0.00	32.43 0.43 0.00	26.18 -0.01 0.00	12.78 -0.10 0.00	8.17 -0.08 0.00	6.27 -0.06 0.00	7.28 -0.08 0.00	16.60 -0.17 0.00	21.98 -0.13 0.00	30.36 0.42 0.00	58.39 2.34 0.00	46.35 2.33 0.00	49.74 2.42 0.00	49.91 2.25 0.00	48.09 2.12 0.00	28.08 1.14 0.00
MENANDS__115KV_TB5 355628	37.35 1.17 0.00	26.85 0.77 0.00	29.99 0.91 0.00	27.95 0.82 0.00	27.47 0.76 0.00	37.28 1.02 0.00	51.28 1.19 0.00	62.54 1.38 0.00	48.61 1.13 0.00	32.90 0.90 0.00	26.92 0.73 0.00	13.22 0.35 0.00	8.45 0.20 0.00	6.50 0.16 0.00	7.56 0.19 0.00	17.27 0.50 0.00	22.87 0.76 0.00	30.94 1.00 0.00	57.53 1.48 0.00	44.99 0.96 0.00	48.65 1.33 0.00	49.01 1.35 0.00	47.13 1.17 0.00	27.69 0.75 0.00

MG INDUSTRY___DRP 24185	37.26 1.08 0.00	26.83 0.74 0.00	29.94 0.86 0.00	27.92 0.78 0.00	27.44 0.73 0.00	37.25 0.99 0.00	51.30 1.21 0.00	62.58 1.42 0.00	48.50 1.02 0.00	32.67 0.67 0.00	26.71 0.51 0.00	13.13 0.25 0.00	8.40 0.14 0.00	6.46 0.12 0.00	7.51 0.14 0.00	17.15 0.37 0.00	22.66 0.55 0.00	30.79 0.85 0.00	57.50 1.45 0.00	45.01 0.99 0.00	48.53 1.22 0.00	48.93 1.27 0.00	47.11 1.15 0.00	27.65 0.71 0.00
MID___OSWEGATCHIE_HYD 23849	35.09 -1.08 0.00	25.21 -0.88 0.00	28.28 -0.79 0.00	26.52 -0.62 0.00	25.97 -0.74 0.00	35.35 -0.92 0.00	49.29 -0.80 0.00	60.43 -0.73 0.00	46.71 -0.76 0.00	31.43 -0.57 0.00	25.60 -0.59 0.00	12.43 -0.44 0.00	7.89 -0.36 0.00	6.03 -0.31 0.00	6.94 -0.43 0.00	15.70 -1.07 0.00	20.81 -1.29 0.00	28.34 -1.59 0.00	54.30 -1.75 0.00	43.22 -0.81 0.00	46.02 -1.29 0.00	46.36 -1.30 0.00	44.60 -1.37 0.00	25.98 -0.96 0.00
MID___RAQUETTE_HYD 23851	35.92 -0.25 0.00	25.83 -0.26 0.00	28.88 -0.20 0.00	27.04 -0.10 0.00	26.56 -0.15 0.00	36.19 -0.07 0.00	50.29 0.20 0.00	61.60 0.43 0.00	47.80 0.33 0.00	32.15 0.15 0.00	26.18 -0.01 0.00	12.76 -0.11 0.00	8.13 -0.12 0.00	6.21 -0.13 0.00	7.16 -0.21 0.00	16.10 -0.68 0.00	21.25 -0.86 0.00	28.72 -1.22 0.00	54.50 -1.55 0.00	43.30 -0.72 0.00	46.41 -0.91 0.00	47.08 -0.58 0.00	45.38 -0.58 0.00	26.59 -0.35 0.00
MILLIKEN___1 23584	35.17 -0.09 0.91	26.06 -0.02 0.00	28.87 -0.05 0.16	27.09 -0.04 0.00	26.84 -0.03 -0.16	37.37 0.09 -1.02	48.81 0.23 1.51	107.33 0.48 -45.69	57.36 0.00 -9.88	34.30 -0.30 -2.60	27.23 -0.35 -1.39	13.01 -0.22 -0.35	8.12 -0.15 -0.01	6.69 -0.11 -0.46	8.04 -0.13 -0.79	18.11 -0.25 -1.59	23.56 -0.38 -1.84	32.38 -0.34 -2.78	63.31 0.04 -7.22	48.84 0.29 -4.52	59.58 0.12 -12.14	52.46 -0.02 -4.81	30.49 0.07 15.53	24.60 0.02 2.36
MILLIKEN___2 23585	35.17 -0.09 0.91	26.06 -0.02 0.00	28.87 -0.05 0.16	27.09 -0.04 0.00	26.84 -0.03 -0.16	37.37 0.09 -1.02	48.81 0.23 1.51	107.33 0.48 -45.69	57.36 0.00 -9.88	34.30 -0.30 -2.60	27.23 -0.35 -1.39	13.01 -0.22 -0.35	8.12 -0.15 -0.01	6.69 -0.11 -0.46	8.04 -0.13 -0.79	18.11 -0.25 -1.59	23.56 -0.38 -1.84	32.38 -0.34 -2.78	63.31 0.04 -7.22	48.84 0.29 -4.52	59.58 0.12 -12.14	52.46 -0.02 -4.81	30.49 0.07 15.53	24.60 0.02 2.36
MILLIKEN___DIESEL 23629	35.17 -0.09 0.91	26.06 -0.02 0.00	28.87 -0.05 0.16	27.09 -0.04 0.00	26.84 -0.03 -0.16	37.37 0.09 -1.02	48.81 0.23 1.51	107.33 0.48 -45.69	57.36 0.00 -9.88	34.30 -0.30 -2.60	27.23 -0.35 -1.39	13.01 -0.22 -0.35	8.12 -0.15 -0.01	6.69 -0.11 -0.46	8.04 -0.13 -0.79	18.11 -0.25 -1.59	23.56 -0.38 -1.84	32.38 -0.34 -2.78	63.31 0.04 -7.22	48.84 0.29 -4.52	59.58 0.12 -12.14	52.46 -0.02 -4.81	30.49 0.07 15.53	24.60 0.02 2.36
MILLSEAT___LFGE 323607	29.67 -3.08 3.43	23.78 -2.14 0.17	25.50 -2.33 1.25	23.01 -2.07 2.06	15.13 -1.97 9.61	23.37 -2.44 10.45	29.24 -3.35 17.49	33.25 -4.92 22.99	22.47 -3.95 21.06	20.17 -3.09 8.74	19.75 -2.63 3.81	10.55 -1.36 0.96	7.39 -0.82 0.04	4.49 -0.59 1.26	4.49 -0.69 2.18	10.70 -1.70 4.38	13.69 -2.37 6.05	18.60 -2.71 8.63	17.76 -4.28 34.01	19.37 -3.00 21.66	14.89 -3.46 28.96	23.86 -3.88 19.92	12.27 -2.55 31.14	18.18 -2.01 6.75
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.70 1.52 0.00	27.11 1.03 0.00	30.14 1.06 0.00	28.04 0.90 0.00	27.67 0.96 0.00	37.52 1.26 0.00	51.84 1.75 0.00	63.39 2.23 0.00	49.29 1.81 0.00	33.51 1.52 0.00	27.64 1.45 0.00	13.54 0.66 0.00	8.69 0.44 0.00	6.69 0.35 0.00	7.82 0.45 0.00	17.90 1.13 0.00	23.63 1.52 0.00	31.89 1.95 0.00	58.83 2.78 0.00	46.05 2.02 0.00	49.35 2.03 0.00	49.89 2.23 0.00	47.99 2.03 0.00	28.17 1.23 0.00
MILLWOOD_13_KV_LOAD 356217	37.76 1.58 0.00	27.16 1.07 0.00	30.19 1.12 0.00	28.08 0.95 0.00	27.73 1.02 0.00	37.59 1.33 0.00	51.95 1.86 0.00	63.54 2.38 0.00	49.39 1.92 0.00	33.58 1.59 0.00	27.69 1.50 0.00	13.56 0.69 0.00	8.71 0.46 0.00	6.70 0.36 0.00	7.83 0.46 0.00	17.93 1.16 0.00	23.67 1.56 0.00	31.95 2.01 0.00	58.96 2.91 0.00	46.15 2.12 0.00	49.48 2.16 0.00	50.01 2.35 0.00	48.08 2.12 0.00	28.22 1.28 0.00
MODEL_CITY_ENERGY 24167	27.85 -4.38 3.94	22.86 -3.03 0.20	24.31 -3.31 1.45	21.74 -2.97 2.43	12.37 -2.84 11.50	19.87 -3.67 12.73	24.06 -5.32 20.71	27.14 -7.59 26.43	16.92 -5.98 24.58	16.62 -4.22 11.15	17.96 -3.32 4.92	9.96 -1.69 1.23	7.19 -1.01 0.05	3.99 -0.72 1.62	3.71 -0.84 2.82	9.10 -2.02 5.66	12.29 -2.84 6.97	15.81 -3.79 10.34	13.62 -6.33 36.10	12.98 -4.87 26.18	6.44 -5.50 35.37	17.62 -5.87 24.17	7.28 -4.07 34.62	16.27 -2.93 7.74
MODERN_LFGE___ 323580	27.85 -4.38 3.94	22.86 -3.03 0.20	24.31 -3.31 1.45	21.74 -2.97 2.43	12.37 -2.84 11.50	19.87 -3.67 12.73	24.06 -5.32 20.71	27.14 -7.59 26.43	16.92 -5.98 24.58	16.62 -4.22 11.15	17.96 -3.32 4.92	9.96 -1.69 1.23	7.19 -1.01 0.05	3.99 -0.72 1.62	3.71 -0.84 2.82	9.10 -2.02 5.66	12.29 -2.84 6.97	15.81 -3.79 10.34	13.62 -6.33 36.10	12.98 -4.87 26.18	6.44 -5.50 35.37	17.62 -5.87 24.17	7.28 -4.07 34.62	16.27 -2.93 7.74
MOHAWK_PAPER___DRP 24187	37.40 1.23 0.00	26.89 0.80 0.00	30.02 0.95 0.00	27.99 0.85 0.00	27.51 0.79 0.00	37.35 1.09 0.00	51.41 1.32 0.00	62.73 1.56 0.00	48.71 1.23 0.00	32.93 0.93 0.00	26.93 0.74 0.00	13.22 0.34 0.00	8.44 0.19 0.00	6.49 0.15 0.00	7.55 0.19 0.00	17.26 0.49 0.00	22.86 0.75 0.00	30.96 1.02 0.00	57.67 1.62 0.00	45.12 1.09 0.00	48.76 1.45 0.00	49.11 1.45 0.00	47.23 1.27 0.00	27.73 0.79 0.00
MOHICAN_35_KV_115KV_LD 80490	37.74 1.56 0.00	27.07 0.98 0.00	30.18 1.10 0.00	28.13 1.00 0.00	27.69 0.97 0.00	37.75 1.49 0.00	52.22 2.13 0.00	63.76 2.59 0.00	49.31 1.83 0.00	33.12 1.12 0.00	26.85 0.66 0.00	13.07 0.20 0.00	8.30 0.05 0.00	6.37 0.04 0.00	7.43 0.06 0.00	17.01 0.24 0.00	22.74 0.63 0.00	31.14 1.20 0.00	58.41 2.36 0.00	45.64 1.61 0.00	49.51 2.20 0.00	49.72 2.06 0.00	47.63 1.67 0.00	27.87 0.93 0.00
MONGAUP___HYD 23641	37.53 1.36 0.00	27.01 0.93 0.00	30.05 0.97 0.00	27.98 0.84 0.00	27.60 0.89 0.00	37.47 1.21 0.00	51.86 1.77 0.00	63.47 2.31 0.00	49.20 1.73 0.00	33.15 1.15 0.00	27.14 0.95 0.00	13.28 0.41 0.00	8.51 0.26 0.00	6.55 0.21 0.00	7.65 0.28 0.00	17.49 0.72 0.00	23.06 0.95 0.00	31.24 1.30 0.00	58.37 2.32 0.00	45.91 1.89 0.00	49.26 1.94 0.00	49.72 2.06 0.00	47.83 1.87 0.00	28.04 1.10 0.00
MONTAUK___DIESEL 23721	39.11 2.94 0.00	28.39 2.30 0.00	31.56 2.49 0.00	29.38 2.24 0.00	29.02 2.31 0.00	39.38 3.12 0.00	56.19 3.89 -2.21	65.07 3.91 0.00	50.39 2.91 0.00	34.35 2.35 0.00	28.38 2.18 0.00	13.79 0.92 0.00	9.08 0.59 -0.24	6.75 0.41 0.00	7.91 0.54 0.00	18.22 1.44 0.00	24.42 2.31 0.00	33.06 3.13 0.00	60.65 4.60 0.00	47.65 3.62 0.00	51.09 3.77 0.00	51.35 3.69 0.00	49.13 3.17 0.00	27.89 0.94 0.00

MOONROAD_115KV_HARTFLD_TB1-2 355988	28.57 -4.05 3.56	23.30 -2.78 0.00	25.58 -3.05 0.45	24.27 -2.87 0.00	20.35 -2.80 3.56	27.18 -3.46 5.62	32.94 -4.46 12.69	21.76 -5.98 33.42	-41.44 -5.07 83.85	8.60 -3.24 20.16	17.87 -2.45 5.87	10.12 -1.28 1.48	7.43 -0.76 0.06	3.81 -0.59 1.93	3.29 -0.72 3.36	8.43 -1.59 6.75	11.88 -2.17 8.06	15.05 -2.84 12.05	17.39 -5.05 33.60	20.30 -3.64 20.08	21.70 -4.31 21.31	19.16 -5.16 23.34	9.89 -4.04 32.03	14.53 -2.78 9.62
MORRIS RIDGE___SOLAR 323848	25.26 -3.67 7.25	23.61 -2.44 0.03	25.58 -2.74 0.76	24.14 -2.59 0.40	7.99 -2.60 16.12	2.89 -3.30 30.06	13.54 -4.91 31.64	-11.00 -7.27 64.90	-23.26 -5.84 64.90	-23.41 -3.95 51.46	-1.02 -3.46 23.75	5.13 -1.72 6.02	6.93 -1.08 0.24	-2.34 -0.80 7.87	-7.25 -0.93 13.68	-12.65 -1.92 27.50	-11.82 -2.70 31.22	-20.93 -3.17 47.70	-34.03 -5.00 85.07	-33.32 -3.49 73.86	-33.07 -4.07 76.31	-32.63 -4.69 75.60	-14.50 -4.10 56.36	3.14 -2.76 21.04
MORTIMER_115KV_TB3 55949	32.82 -1.86 1.50	24.78 -1.31 0.00	27.40 -1.45 0.23	25.83 -1.30 0.00	24.81 -1.26 0.64	34.32 -1.55 0.39	44.28 -2.01 3.80	45.79 -2.82 12.56	34.99 -2.27 10.22	29.67 -1.85 0.48	24.66 -1.54 0.00	12.10 -0.77 0.00	7.80 -0.45 0.00	6.01 -0.33 0.00	6.97 -0.39 0.00	15.81 -0.97 0.00	20.42 -1.32 0.37	28.01 -1.68 0.26	28.67 -2.30 25.08	39.06 -1.60 3.36	43.47 -1.92 1.92	41.22 -2.21 4.23	25.82 -1.60 18.54	22.20 -1.21 3.53
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.98 1.80 0.00	27.33 1.24 0.00	30.37 1.29 0.00	28.25 1.11 0.00	27.89 1.18 0.00	37.80 1.54 0.00	52.23 2.14 0.00	63.83 2.67 0.00	49.67 2.19 0.00	33.83 1.83 0.00	27.93 1.74 0.00	13.69 0.81 -0.25	9.04 0.54 0.00	6.77 0.43 0.00	7.91 0.54 0.00	18.12 1.35 0.00	23.92 1.81 0.00	32.24 2.31 0.00	59.36 3.31 0.00	46.45 2.42 0.00	49.75 2.43 0.00	50.36 2.70 0.00	48.42 2.46 0.00	28.43 1.49 0.00
MUNSVILLE_WIND_PWR 323609	37.82 0.77 -0.87	26.63 0.49 -0.05	29.78 0.33 -0.37	28.25 0.46 -0.66	30.16 0.63 -2.82	40.51 1.35 -2.91	57.26 2.30 -4.87	89.78 3.22 -25.40	58.87 1.08 -10.32	33.65 -0.40 -2.05	26.77 -0.32 -0.89	12.74 -0.36 -0.22	8.04 -0.22 -0.01	6.45 -0.18 -0.29	7.70 -0.17 -0.51	17.49 -0.30 -1.01	22.79 -0.47 -1.14	31.63 -0.07 -1.77	61.09 1.64 -3.40	50.84 1.71 -5.10	60.19 1.27 -11.61	55.38 0.96 -6.75	55.13 1.21 -7.95	29.25 0.69 -1.62
N SALMON___HYD 24042	35.89 -0.28 0.00	25.79 -0.30 0.00	28.84 -0.24 0.00	27.00 -0.14 0.00	26.59 -0.12 0.00	36.23 -0.03 0.00	50.30 0.21 0.00	61.75 0.59 0.00	47.96 0.48 0.00	32.27 0.28 0.00	26.15 -0.05 0.00	12.73 -0.14 0.00	8.15 -0.10 0.00	6.22 -0.12 0.00	7.18 -0.19 0.00	16.25 -0.52 0.00	21.44 -0.66 0.00	28.87 -1.07 0.00	54.62 -1.43 0.00	43.38 -0.65 0.00	46.55 -0.76 0.00	47.10 -0.56 0.00	45.28 -0.68 0.00	26.56 -0.38 0.00
N.AKRON___115KV_KNAPP 355671	30.10 -3.36 2.71	23.77 -2.31 0.00	26.21 -2.53 0.34	24.89 -2.25 0.00	21.63 -2.15 2.94	28.77 -2.72 4.78	37.08 -3.79 9.22	31.76 -5.46 23.94	21.17 -4.28 22.03	19.19 -3.38 9.44	19.30 -2.76 4.13	10.43 -1.41 1.04	7.37 -0.84 0.04	4.36 -0.61 1.36	4.29 -0.72 2.37	10.28 -1.75 4.75	13.38 -2.48 6.25	18.43 -2.50 9.01	18.35 -4.64 33.05	25.63 -3.35 15.06	28.42 -3.86 15.03	26.58 -4.28 16.81	17.02 -2.82 26.13	18.01 -2.16 6.77
N.E._GEN_SANDY PD 24062	38.76 1.22 -1.37	26.82 0.73 0.00	29.95 0.87 0.00	27.90 0.76 0.00	27.33 0.70 0.09	37.90 0.97 -0.67	52.28 1.08 -1.11	61.05 1.26 1.38	47.32 1.07 1.22	33.05 0.97 -0.08	27.10 0.80 -0.11	13.24 0.36 0.00	8.45 0.20 0.00	6.50 0.16 0.00	7.57 0.20 0.00	17.32 0.55 0.00	22.96 0.85 0.00	31.02 1.08 0.00	57.26 1.42 0.20	47.70 0.85 -2.82	50.06 1.30 -1.45	49.02 1.36 0.00	47.13 1.17 0.00	27.67 0.73 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	37.60 1.42 0.00	27.04 0.96 0.00	30.08 1.00 0.00	27.98 0.84 0.00	27.62 0.91 0.00	37.43 1.17 0.00	51.75 1.66 0.00	63.31 2.15 0.00	49.19 1.71 0.00	33.43 1.43 0.00	27.56 1.37 0.00	13.50 0.62 0.00	8.67 0.41 0.00	6.67 0.33 0.00	7.80 0.43 0.00	17.87 1.09 0.00	23.58 1.47 0.00	31.82 1.88 0.00	58.73 2.68 0.00	45.97 1.94 0.00	49.25 1.94 0.00	49.79 2.13 0.00	47.90 1.94 0.00	28.10 1.16 0.00
N.QUEENS_27_KV_LOAD 356247	38.16 1.99 0.00	27.45 1.36 0.00	30.47 1.39 0.00	28.34 1.21 0.00	28.04 1.33 0.00	37.89 1.62 0.00	52.39 2.30 0.00	64.16 3.00 0.00	50.09 2.61 0.00	34.13 2.13 0.00	28.16 1.96 -0.01	13.80 0.93 0.00	9.23 0.61 -0.37	6.82 0.48 0.00	7.97 0.60 0.00	18.24 1.47 0.00	24.06 1.95 0.00	32.35 2.41 0.00	59.56 3.52 0.00	46.69 2.66 0.00	49.98 2.67 0.00	50.51 2.84 -0.01	48.54 2.57 0.00	28.55 1.60 -0.01
N.TROY___115KV_TB1 355778	37.30 1.12 0.00	26.78 0.70 0.00	29.93 0.85 0.00	27.90 0.76 0.00	27.41 0.70 0.00	37.24 0.98 0.00	51.23 1.14 0.00	62.49 1.33 0.00	48.52 1.05 0.00	32.82 0.82 0.00	26.78 0.58 0.00	13.13 0.25 0.00	8.38 0.13 0.00	6.44 0.10 0.00	7.50 0.13 0.00	17.13 0.35 0.00	22.73 0.62 0.00	30.82 0.88 0.00	57.41 1.36 0.00	44.89 0.86 0.00	48.61 1.29 0.00	48.94 1.28 0.00	47.05 1.09 0.00	27.60 0.66 0.00
NARROWS_GT1_1 24228	38.07 1.89 0.00	27.37 1.29 0.00	30.26 1.19 0.00	28.18 1.04 0.00	27.97 1.26 0.00	37.88 1.62 0.00	52.38 2.29 0.00	64.08 2.91 0.00	49.92 2.45 0.00	34.00 2.00 0.00	28.07 1.87 0.00	13.75 0.87 0.00	5.81 0.58 3.02	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.36 2.42 0.00	59.73 3.68 0.00	46.77 2.74 0.00	50.09 2.78 0.00	50.78 3.11 -0.01	48.80 2.84 0.00	28.59 1.65 -0.01
NARROWS_GT1_2 24229	38.07 1.89 0.00	27.37 1.29 0.00	30.26 1.19 0.00	28.18 1.04 0.00	27.97 1.26 0.00	37.88 1.62 0.00	52.38 2.29 0.00	64.08 2.91 0.00	49.92 2.45 0.00	34.00 2.00 0.00	28.07 1.87 0.00	13.75 0.87 0.00	5.81 0.58 3.02	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.36 2.42 0.00	59.73 3.68 0.00	46.77 2.74 0.00	50.09 2.78 0.00	50.78 3.11 -0.01	48.80 2.84 0.00	28.59 1.65 -0.01
NARROWS_GT1_3 24230	38.07 1.89 0.00	27.37 1.29 0.00	30.26 1.19 0.00	28.18 1.04 0.00	27.97 1.26 0.00	37.88 1.62 0.00	52.38 2.29 0.00	64.08 2.91 0.00	49.92 2.45 0.00	34.00 2.00 0.00	28.07 1.87 0.00	13.75 0.87 0.00	5.81 0.58 3.02	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.36 2.42 0.00	59.73 3.68 0.00	46.77 2.74 0.00	50.09 2.78 0.00	50.78 3.11 -0.01	48.80 2.84 0.00	28.59 1.65 -0.01
NARROWS_GT1_4 24231	38.07 1.89 0.00	27.37 1.29 0.00	30.26 1.19 0.00	28.18 1.04 0.00	27.97 1.26 0.00	37.88 1.62 0.00	52.38 2.29 0.00	64.08 2.91 0.00	49.92 2.45 0.00	34.00 2.00 0.00	28.07 1.87 0.00	13.75 0.87 0.00	5.81 0.58 3.02	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.36 2.42 0.00	59.73 3.68 0.00	46.77 2.74 0.00	50.09 2.78 0.00	50.78 3.11 -0.01	48.80 2.84 0.00	28.59 1.65 -0.01

NARROWS_GT1_5 24232	38.07 1.89 0.00	27.37 1.29 0.00	30.26 1.19 0.00	28.18 1.04 0.00	27.97 1.26 0.00	37.88 1.62 0.00	52.38 2.29 0.00	64.08 2.91 0.00	49.92 2.45 0.00	34.00 2.00 0.00	28.07 1.87 0.00	13.75 0.87 0.00	5.81 0.58 3.02	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.36 2.42 0.00	59.73 3.68 0.00	46.77 2.74 0.00	50.09 2.78 0.00	50.78 3.11 -0.01	48.80 2.84 0.00	28.59 1.65 -0.01
NARROWS_GT1_6 24233	38.07 1.89 0.00	27.37 1.29 0.00	30.26 1.19 0.00	28.18 1.04 0.00	27.97 1.26 0.00	37.88 1.62 0.00	52.38 2.29 0.00	64.08 2.91 0.00	49.92 2.45 0.00	34.00 2.00 0.00	28.07 1.87 0.00	13.75 0.87 0.00	5.81 0.58 3.02	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.36 2.42 0.00	59.73 3.68 0.00	46.77 2.74 0.00	50.09 2.78 0.00	50.78 3.11 -0.01	48.80 2.84 0.00	28.59 1.65 -0.01
NARROWS_GT1_7 24234	38.07 1.89 0.00	27.37 1.29 0.00	30.26 1.19 0.00	28.18 1.04 0.00	27.97 1.26 0.00	37.88 1.62 0.00	52.38 2.29 0.00	64.08 2.91 0.00	49.92 2.45 0.00	34.00 2.00 0.00	28.07 1.87 0.00	13.75 0.87 0.00	5.81 0.58 3.02	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.36 2.42 0.00	59.73 3.68 0.00	46.77 2.74 0.00	50.09 2.78 0.00	50.78 3.11 -0.01	48.80 2.84 0.00	28.59 1.65 -0.01
NARROWS_GT1_8 24235	38.07 1.89 0.00	27.37 1.29 0.00	30.26 1.19 0.00	28.18 1.04 0.00	27.97 1.26 0.00	37.88 1.62 0.00	52.38 2.29 0.00	64.08 2.91 0.00	49.92 2.45 0.00	34.00 2.00 0.00	28.07 1.87 0.00	13.75 0.87 0.00	5.81 0.58 3.02	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.36 2.42 0.00	59.73 3.68 0.00	46.77 2.74 0.00	50.09 2.78 0.00	50.78 3.11 -0.01	48.80 2.84 0.00	28.59 1.65 -0.01
NARROWS_GT2_1 24236	38.07 1.89 0.00	27.37 1.29 0.00	30.26 1.19 0.00	28.18 1.04 0.00	27.97 1.26 0.00	37.88 1.62 0.00	52.38 2.29 0.00	64.08 2.91 0.00	49.92 2.45 0.00	34.00 2.00 0.00	28.08 1.87 -0.01	13.75 0.87 0.00	22.91 0.58 -14.08	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.36 2.42 0.00	59.73 3.68 0.00	46.77 2.74 0.00	50.09 2.78 0.00	50.78 3.11 -0.01	48.80 2.84 0.00	28.59 1.65 -0.01
NARROWS_GT2_2 24237	38.07 1.89 0.00	27.37 1.29 0.00	30.26 1.19 0.00	28.18 1.04 0.00	27.97 1.26 0.00	37.88 1.62 0.00	52.38 2.29 0.00	64.08 2.91 0.00	49.92 2.45 0.00	34.00 2.00 0.00	28.08 1.87 -0.01	13.75 0.87 0.00	22.91 0.58 -14.08	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.36 2.42 0.00	59.73 3.68 0.00	46.77 2.74 0.00	50.09 2.78 0.00	50.78 3.11 -0.01	48.80 2.84 0.00	28.59 1.65 -0.01
NARROWS_GT2_3 24238	38.07 1.89 0.00	27.37 1.29 0.00	30.26 1.19 0.00	28.18 1.04 0.00	27.97 1.26 0.00	37.88 1.62 0.00	52.38 2.29 0.00	64.08 2.91 0.00	49.92 2.45 0.00	34.00 2.00 0.00	28.08 1.87 -0.01	13.75 0.87 0.00	22.91 0.58 -14.08	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.36 2.42 0.00	59.73 3.68 0.00	46.77 2.74 0.00	50.09 2.78 0.00	50.78 3.11 -0.01	48.80 2.84 0.00	28.59 1.65 -0.01
NARROWS_GT2_4 24239	38.07 1.89 0.00	27.37 1.29 0.00	30.26 1.19 0.00	28.18 1.04 0.00	27.97 1.26 0.00	37.88 1.62 0.00	52.38 2.29 0.00	64.08 2.91 0.00	49.92 2.45 0.00	34.00 2.00 0.00	28.08 1.87 -0.01	13.75 0.87 0.00	22.91 0.58 -14.08	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.36 2.42 0.00	59.73 3.68 0.00	46.77 2.74 0.00	50.09 2.78 0.00	50.78 3.11 -0.01	48.80 2.84 0.00	28.59 1.65 -0.01
NARROWS_GT2_5 24240	38.07 1.89 0.00	27.37 1.29 0.00	30.26 1.19 0.00	28.18 1.04 0.00	27.97 1.26 0.00	37.88 1.62 0.00	52.38 2.29 0.00	64.08 2.91 0.00	49.92 2.45 0.00	34.00 2.00 0.00	28.08 1.87 -0.01	13.75 0.87 0.00	22.91 0.58 -14.08	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.36 2.42 0.00	59.73 3.68 0.00	46.77 2.74 0.00	50.09 2.78 0.00	50.78 3.11 -0.01	48.80 2.84 0.00	28.59 1.65 -0.01
NARROWS_GT2_6 24241	38.07 1.89 0.00	27.37 1.29 0.00	30.26 1.19 0.00	28.18 1.04 0.00	27.97 1.26 0.00	37.88 1.62 0.00	52.38 2.29 0.00	64.08 2.91 0.00	49.92 2.45 0.00	34.00 2.00 0.00	28.08 1.87 -0.01	13.75 0.87 0.00	22.91 0.58 -14.08	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.36 2.42 0.00	59.73 3.68 0.00	46.77 2.74 0.00	50.09 2.78 0.00	50.78 3.11 -0.01	48.80 2.84 0.00	28.59 1.65 -0.01
NARROWS_GT2_7 24242	38.07 1.89 0.00	27.37 1.29 0.00	30.26 1.19 0.00	28.18 1.04 0.00	27.97 1.26 0.00	37.88 1.62 0.00	52.38 2.29 0.00	64.08 2.91 0.00	49.92 2.45 0.00	34.00 2.00 0.00	28.08 1.87 -0.01	13.75 0.87 0.00	22.91 0.58 -14.08	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.36 2.42 0.00	59.73 3.68 0.00	46.77 2.74 0.00	50.09 2.78 0.00	50.78 3.11 -0.01	48.80 2.84 0.00	28.59 1.65 -0.01
NARROWS_GT2_8 24243	38.07 1.89 0.00	27.37 1.29 0.00	30.26 1.19 0.00	28.18 1.04 0.00	27.97 1.26 0.00	37.88 1.62 0.00	52.38 2.29 0.00	64.08 2.91 0.00	49.92 2.45 0.00	34.00 2.00 0.00	28.08 1.87 -0.01	13.75 0.87 0.00	22.91 0.58 -14.08	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.36 2.42 0.00	59.73 3.68 0.00	46.77 2.74 0.00	50.09 2.78 0.00	50.78 3.11 -0.01	48.80 2.84 0.00	28.59 1.65 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.08 1.90 0.00	27.39 1.30 0.00	30.57 1.49 0.00	28.50 1.36 0.00	28.04 1.33 0.00	38.14 1.88 0.00	52.66 2.57 0.00	64.42 3.25 0.00	49.84 2.36 0.00	33.33 1.33 0.00	27.09 0.90 0.00	13.27 0.40 0.00	8.47 0.22 0.00	6.51 0.18 0.00	7.58 0.21 0.00	17.31 0.54 0.00	22.94 0.83 0.00	31.21 1.27 0.00	58.64 2.59 0.00	46.12 2.10 0.00	49.77 2.45 0.00	50.07 2.42 0.00	48.14 2.18 0.00	28.19 1.25 0.00
NCHELSEA_115KV_TR2 355582	37.85 1.67 0.00	27.22 1.13 0.00	30.26 1.18 0.00	28.16 1.02 0.00	27.79 1.08 0.00	37.71 1.45 0.00	52.16 2.07 0.00	63.83 2.67 0.00	49.57 2.09 0.00	33.59 1.59 0.00	27.63 1.43 0.00	13.52 0.65 0.00	8.67 0.41 0.00	6.67 0.33 0.00	7.79 0.41 0.00	17.83 1.06 0.00	23.58 1.47 0.00	31.91 1.97 0.00	59.04 3.00 0.00	46.26 2.23 0.00	49.63 2.31 0.00	50.10 2.44 0.00	48.16 2.20 0.00	28.25 1.31 0.00
NEG CAPITAL__MECHNVIL 23645	37.68 1.50 0.00	27.07 0.99 0.00	30.23 1.15 0.00	28.19 1.05 0.00	27.72 1.01 0.00	37.71 1.45 0.00	52.03 1.93 0.00	63.51 2.34 0.00	49.21 1.74 0.00	33.10 1.10 0.00	26.96 0.77 0.00	13.19 0.32 0.00	8.41 0.16 0.00	6.46 0.12 0.00	7.52 0.15 0.00	17.20 0.42 0.00	22.86 0.75 0.00	31.16 1.22 0.00	58.31 2.26 0.00	45.63 1.60 0.00	49.33 2.01 0.00	49.61 1.95 0.00	47.67 1.71 0.00	27.92 0.98 0.00

NEG CENTRAL_HIGH_ACRES 23767	32.41 -2.17 1.60	24.49 -1.53 0.06	26.83 -1.70 0.55	24.79 -1.55 0.79	22.02 -1.50 3.20	31.73 -1.88 2.66	41.12 -2.43 6.54	48.49 -3.24 9.44	36.52 -2.62 8.33	29.58 -2.01 0.41	24.49 -1.71 0.00	12.00 -0.87 0.00	7.72 -0.53 0.00	5.94 -0.39 0.00	6.90 -0.47 0.00	15.65 -1.12 0.00	20.18 -1.49 0.45	27.74 -1.87 0.33	25.37 -2.79 27.89	35.50 -2.05 6.48	37.90 -2.38 7.03	39.91 -2.64 5.11	25.44 -2.20 18.32	22.29 -1.47 3.17
NEG CENTRAL___DRP 24199	33.93 -0.94 1.30	25.47 -0.61 0.00	28.13 -0.72 0.23	26.48 -0.65 0.00	26.26 -0.64 -0.19	36.91 -0.73 -1.38	46.72 -1.08 2.30	48.11 -1.48 11.57	38.37 -1.32 7.78	34.24 -1.03 -3.27	27.01 -0.96 -1.77	12.82 -0.50 -0.45	7.95 -0.32 -0.02	6.69 -0.23 -0.58	8.11 -0.27 -1.02	18.24 -0.59 -2.06	24.36 -0.82 -3.07	33.07 -0.97 -4.11	103.11 -1.40 -48.46	54.30 -0.85 -11.12	49.31 -1.11 -3.10	46.25 -1.34 0.08	24.10 -1.06 20.80	23.14 -0.62 3.18
NEG CENTRAL___INDECK 23768	33.57 -1.67 0.94	24.96 -1.10 0.03	27.18 -1.26 0.64	25.59 -1.16 0.39	32.08 -1.12 -6.48	52.38 -1.23 -17.35	56.65 -1.61 -8.18	48.89 -2.70 9.58	51.44 -2.35 -6.31	67.34 -2.16 -37.50	42.35 -2.07 -18.23	16.44 -1.05 -4.62	7.79 -0.64 -0.18	11.90 -0.48 -6.04	17.35 -0.56 -10.54	36.82 -1.22 -21.26	44.24 -1.65 -23.79	64.71 -1.82 -36.59	105.38 -2.21 -51.54	97.71 -0.90 -54.57	95.53 -1.16 -49.38	83.88 -1.70 -37.92	-0.05 -1.31 44.70	25.30 -1.20 0.44
NEG CENTRAL___SENECA 23627	33.07 -1.24 1.86	25.29 -0.80 0.00	27.79 -0.96 0.33	26.25 -0.89 0.00	26.25 -0.85 -0.39	37.56 -0.96 -2.26	45.45 -1.51 3.13	37.97 -2.20 20.99	33.39 -1.88 12.21	35.82 -1.41 -5.23	27.70 -1.30 -2.81	12.90 -0.68 -0.71	7.85 -0.43 -0.03	6.95 -0.32 -0.93	8.61 -0.37 -1.62	19.24 -0.79 -3.25	25.94 -1.10 -4.94	35.17 -1.33 -6.56	135.04 -2.01 -81.01	60.96 -1.25 -18.17	50.10 -1.60 -4.38	45.86 -1.88 -0.07	14.18 -1.47 30.32	21.55 -0.85 4.54
NEG CENTRAL___STATE_STREET 24147	34.89 -0.42 0.86	25.81 -0.28 0.00	28.69 -0.25 0.13	26.92 -0.21 0.00	26.07 -0.27 0.37	35.74 -0.30 0.23	48.17 -0.34 1.57	65.22 -0.23 -4.28	45.38 -0.38 1.72	32.81 -0.44 -1.25	26.47 -0.45 -0.72	12.81 -0.25 -0.18	8.08 -0.13 -0.01	6.44 -0.14 -0.24	7.64 -0.29 -0.41	17.32 -0.40 -0.83	22.79 -0.40 -1.08	31.05 -0.43 -1.54	66.04 -0.28 -10.28	47.22 -0.06 -3.25	50.00 -0.23 -2.92	47.45 -0.40 -0.19	33.89 -0.28 11.79	24.84 -0.17 1.93
NEG MILLWOOD___DRP 24198	37.99 1.81 0.00	27.32 1.23 0.00	30.37 1.29 0.00	28.25 1.12 0.00	27.89 1.18 0.00	37.86 1.60 0.00	52.36 2.27 0.00	64.06 2.90 0.00	49.80 2.33 0.00	33.79 1.80 0.00	27.82 1.63 0.00	13.62 0.75 0.00	8.73 0.48 0.00	6.72 0.38 0.00	7.84 0.47 0.00	17.96 1.18 0.00	23.74 1.64 0.00	32.11 2.17 0.00	59.31 3.26 0.00	46.45 2.43 0.00	49.81 2.49 0.00	50.29 2.63 0.00	48.34 2.38 0.00	28.35 1.41 0.00
NEG NORTH_FLCN_SEA 23793	35.82 -0.35 0.00	25.74 -0.35 0.00	28.78 -0.29 0.00	26.97 -0.17 0.00	26.56 -0.15 0.00	36.24 -0.02 0.00	50.25 0.16 0.00	61.51 0.35 0.00	47.86 0.38 0.00	32.27 0.27 0.00	26.12 -0.07 0.00	12.72 -0.15 0.00	8.18 -0.07 0.00	6.24 -0.09 0.00	7.24 -0.13 0.00	16.41 -0.36 0.00	21.66 -0.45 0.00	29.23 -0.71 0.00	55.02 -1.03 0.00	43.37 -0.66 0.00	46.73 -0.59 0.00	47.16 -0.50 0.00	45.36 -0.60 0.00	26.61 -0.33 0.00
NEG NORTH_KES_CHATAGAY 23792	35.47 -0.71 0.00	25.49 -0.59 0.00	28.51 -0.57 0.00	26.68 -0.45 0.00	26.30 -0.41 0.00	35.82 -0.44 0.00	49.70 -0.39 0.00	60.84 -0.32 0.00	47.30 -0.17 0.00	31.86 -0.14 0.00	25.79 -0.40 0.00	12.57 -0.30 0.00	8.07 -0.18 0.00	6.16 -0.18 0.00	7.13 -0.24 0.00	16.15 -0.63 0.00	21.32 -0.79 0.00	28.76 -1.18 0.00	54.25 -1.80 0.00	42.92 -1.11 0.00	46.14 -1.18 0.00	46.61 -1.06 0.00	44.88 -1.08 0.00	26.32 -0.62 0.00
NEG NORTH___ALICE_FALLS 23915	35.92 -0.26 0.00	25.81 -0.27 0.00	28.85 -0.23 0.00	27.02 -0.11 0.00	26.62 -0.09 0.00	36.33 0.07 0.00	50.39 0.30 0.00	61.75 0.59 0.00	48.04 0.56 0.00	32.34 0.34 0.00	26.17 -0.02 0.00	12.75 -0.12 0.00	8.19 -0.07 0.00	6.25 -0.09 0.00	7.24 -0.13 0.00	16.41 -0.37 0.00	21.65 -0.45 0.00	29.24 -0.70 0.00	55.16 -0.89 0.00	43.57 -0.46 0.00	46.89 -0.43 0.00	47.35 -0.31 0.00	45.46 -0.50 0.00	26.67 -0.27 0.00
NEG NORTH___LWR_SARANAC 23913	35.92 -0.26 0.00	25.81 -0.27 0.00	28.85 -0.23 0.00	27.02 -0.11 0.00	26.62 -0.09 0.00	36.33 0.07 0.00	50.39 0.30 0.00	61.75 0.59 0.00	48.04 0.56 0.00	32.34 0.34 0.00	26.17 -0.02 0.00	12.75 -0.12 0.00	8.19 -0.07 0.00	6.25 -0.09 0.00	7.24 -0.13 0.00	16.41 -0.37 0.00	21.65 -0.45 0.00	29.24 -0.70 0.00	55.16 -0.89 0.00	43.57 -0.46 0.00	46.89 -0.43 0.00	47.35 -0.31 0.00	45.46 -0.50 0.00	26.67 -0.27 0.00
NEG NORTH___PLATTSBURG 23628	35.92 -0.25 0.00	25.81 -0.27 0.00	28.85 -0.23 0.00	27.02 -0.11 0.00	26.62 -0.09 0.00	36.33 0.07 0.00	50.40 0.30 0.00	61.74 0.58 0.00	48.04 0.56 0.00	32.34 0.35 0.00	26.17 -0.02 0.00	12.75 -0.12 0.00	8.19 -0.06 0.00	6.25 -0.09 0.00	7.24 -0.13 0.00	16.41 -0.37 0.00	21.65 -0.45 0.00	29.24 -0.70 0.00	55.16 -0.89 0.00	43.57 -0.46 0.00	46.90 -0.42 0.00	47.36 -0.30 0.00	45.48 -0.48 0.00	26.67 -0.27 0.00
NEG WEST_LEA_LOCKPORT 23791	29.16 -4.07 2.95	23.28 -2.80 0.00	25.64 -3.07 0.36	24.39 -2.74 0.00	20.65 -2.67 3.40	27.15 -3.43 5.67	34.95 -4.88 10.26	28.05 -6.98 26.14	17.75 -5.42 24.30	16.80 -4.03 11.17	18.09 -3.17 4.93	10.03 -1.60 1.24	7.26 -0.94 0.05	4.02 -0.69 1.63	3.74 -0.80 2.83	9.15 -1.95 5.68	12.35 -2.75 7.01	16.01 -3.59 10.34	15.58 -5.83 34.64	22.36 -4.33 17.34	24.81 -4.93 17.57	23.05 -5.35 19.26	14.57 -3.73 27.66	16.84 -2.68 7.42
NEG WEST___LANCASTER 23811	30.40 -2.23 3.55	24.57 -1.52 0.00	27.00 -1.63 0.45	25.66 -1.48 0.00	21.58 -1.46 3.67	28.65 -1.75 5.87	35.34 -2.38 12.37	26.01 -3.70 31.45	16.71 -3.01 27.75	17.01 -2.20 12.79	18.91 -1.66 5.62	10.57 -0.88 1.42	7.71 -0.48 0.06	4.15 -0.33 1.85	3.76 -0.39 3.22	9.41 -0.90 6.46	12.99 -1.38 7.74	16.41 -1.98 11.55	19.77 -3.38 32.89	23.02 -2.10 18.91	24.39 -2.61 20.31	22.67 -2.90 22.09	12.73 -1.79 31.44	17.13 -1.39 8.42
NEG_PENN_ALLEGHNY 23528	39.23 -0.50 -3.56	25.90 -0.28 -0.09	29.68 -0.36 -0.97	27.88 -0.36 -1.10	31.42 -0.31 -5.03	39.99 -0.32 -4.05	62.14 -0.46 -12.51	63.26 0.03 -2.07	62.22 -0.26 -15.01	32.82 -0.25 -1.07	25.98 -0.22 0.00	12.76 -0.11 0.00	8.20 -0.05 0.00	6.31 -0.03 0.00	7.31 -0.06 0.00	16.62 -0.15 0.00	21.82 -0.25 0.04	29.69 -0.23 0.01	56.58 -0.28 -0.81	47.77 -0.26 -4.00	54.00 -0.60 -7.28	56.14 -0.68 -9.16	89.47 -0.60 -44.10	34.58 -0.31 -7.96
NEG___GEN_MONROE 24207	32.78 -1.86 1.53	24.78 -1.30 0.00	27.40 -1.44 0.23	25.85 -1.28 0.00	24.82 -1.23 0.66	34.38 -1.48 0.40	44.28 -1.91 3.89	45.52 -2.72 12.92	34.52 -2.20 10.76	28.34 -1.89 1.76	23.89 -1.64 0.66	11.95 -0.84 0.08	7.76 -0.49 0.00	5.93 -0.36 0.04	6.90 -0.43 0.04	15.72 -1.06 0.00	19.68 -1.45 0.98	27.30 -1.78 0.86	28.89 -2.36 24.80	39.17 -1.53 3.33	43.49 -1.86 1.97	41.16 -2.18 4.32	25.57 -1.48 18.91	22.16 -1.17 3.60

NEPA__ENERGY 23901	29.17 -3.34 3.67	23.90 -2.19 0.00	26.11 -2.52 0.46	24.78 -2.36 0.00	20.44 -2.28 3.99	26.94 -2.80 6.53	33.53 -4.00 12.56	23.15 -5.51 32.50	6.98 -4.65 35.84	15.35 -2.89 13.75	18.26 -2.23 5.71	10.30 -1.13 1.44	7.57 -0.62 0.06	4.03 -0.43 1.88	3.59 -0.51 3.27	9.14 -1.07 6.57	12.59 -1.68 7.83	15.88 -2.35 11.71	19.14 -4.18 32.73	21.17 -3.12 19.74	22.55 -3.77 20.99	20.15 -4.23 23.28	9.92 -3.31 32.73	15.98 -2.05 8.91
NEVERSINK__HYD 23608	37.60 1.43 0.00	27.06 0.97 0.00	30.11 1.03 0.00	28.04 0.91 0.00	27.67 0.97 0.00	37.60 1.34 0.00	52.05 1.96 0.00	63.73 2.57 0.00	49.40 1.93 0.00	33.28 1.28 0.00	27.31 1.11 0.00	13.36 0.49 0.00	8.52 0.27 0.00	6.55 0.22 0.00	7.65 0.28 0.00	17.50 0.72 0.00	23.12 1.01 0.00	31.34 1.40 0.00	58.34 2.29 0.00	45.79 1.77 0.00	49.11 1.79 0.00	49.54 1.88 0.00	47.64 1.68 0.00	27.90 0.97 0.00
NEWKRMKL_115KV_TB1 55635	37.43 1.25 0.00	26.92 0.84 0.00	30.06 0.98 0.00	28.01 0.87 0.00	27.54 0.83 0.00	37.39 1.13 0.00	51.48 1.39 0.00	62.80 1.64 0.00	48.77 1.30 0.00	32.96 0.97 0.00	26.97 0.78 0.00	13.25 0.37 0.00	8.47 0.22 0.00	6.51 0.17 0.00	7.58 0.21 0.00	17.31 0.54 0.00	22.91 0.81 0.00	31.03 1.09 0.00	57.77 1.72 0.00	45.19 1.16 0.00	48.81 1.49 0.00	49.16 1.50 0.00	47.30 1.34 0.00	27.76 0.83 0.00
NEWTON__FALLS_HYD 23847	35.09 -1.08 0.00	25.21 -0.88 0.00	28.28 -0.79 0.00	26.52 -0.62 0.00	25.97 -0.74 0.00	35.35 -0.92 0.00	49.29 -0.80 0.00	60.43 -0.73 0.00	46.71 -0.76 0.00	31.43 -0.57 0.00	25.60 -0.59 0.00	12.43 -0.44 0.00	7.89 -0.36 0.00	6.03 -0.31 0.00	6.94 -0.43 0.00	15.70 -1.07 0.00	20.81 -1.29 0.00	28.34 -1.59 0.00	54.30 -1.75 0.00	43.22 -0.81 0.00	46.02 -1.29 0.00	46.36 -1.30 0.00	44.60 -1.37 0.00	25.98 -0.96 0.00
NGRID_A1_DSASP 323792	28.67 -4.42 3.08	22.97 -3.12 0.00	25.31 -3.40 0.37	24.09 -3.05 0.00	20.18 -3.00 3.53	26.50 -3.87 5.89	33.97 -5.38 10.74	26.14 -7.78 27.24	15.97 -6.04 25.46	15.86 -4.43 11.70	17.56 -3.47 5.17	9.82 -1.75 1.31	7.17 -1.03 0.05	3.88 -0.75 1.71	3.53 -0.88 2.96	8.68 -2.14 5.95	11.88 -2.98 7.24	15.27 -3.94 10.73	14.78 -6.65 34.62	21.27 -4.81 17.94	23.50 -5.43 18.39	21.75 -5.84 20.07	13.31 -4.26 28.39	16.28 -2.99 7.66
NGRID_A2_DSASP 323793	28.67 -4.42 3.08	22.97 -3.12 0.00	25.31 -3.40 0.37	24.09 -3.05 0.00	20.18 -3.00 3.53	26.50 -3.87 5.89	33.97 -5.38 10.74	26.14 -7.78 27.24	15.97 -6.04 25.46	15.86 -4.43 11.70	17.56 -3.47 5.17	9.82 -1.75 1.31	7.17 -1.03 0.05	3.88 -0.75 1.71	3.53 -0.88 2.96	8.68 -2.14 5.95	11.88 -2.98 7.24	15.27 -3.94 10.73	14.78 -6.65 34.62	21.27 -4.81 17.94	23.50 -5.43 18.39	21.75 -5.84 20.07	13.31 -4.26 28.39	16.28 -2.99 7.66
NGRID_A4_DSASP 323807	28.67 -4.42 3.08	22.97 -3.12 0.00	25.31 -3.40 0.37	24.09 -3.05 0.00	20.18 -3.00 3.53	26.50 -3.87 5.89	33.97 -5.38 10.74	26.14 -7.78 27.24	15.97 -6.04 25.46	15.86 -4.43 11.70	17.56 -3.47 5.17	9.82 -1.75 1.31	7.17 -1.03 0.05	3.88 -0.75 1.71	3.53 -0.88 2.96	8.68 -2.14 5.95	11.88 -2.98 7.24	15.27 -3.94 10.73	14.78 -6.65 34.62	21.27 -4.81 17.94	23.50 -5.43 18.39	21.75 -5.84 20.07	13.31 -4.26 28.39	16.28 -2.99 7.66
NIAGARA_115E_LBMP 323715	27.54 -4.61 4.03	22.71 -3.17 0.21	24.12 -3.46 1.49	21.52 -3.11 2.51	11.91 -2.98 11.83	19.31 -3.86 13.09	23.21 -5.63 21.25	26.24 -7.99 26.94	16.09 -6.28 25.10	16.12 -4.41 11.48	17.69 -3.44 5.07	9.85 -1.75 1.27	7.14 -1.06 0.05	3.92 -0.75 1.67	3.60 -0.87 2.90	8.87 -2.08 5.82	12.03 -2.94 7.14	15.33 -3.99 10.61	13.06 -6.65 36.33	11.98 -5.19 26.85	5.08 -5.83 36.40	16.70 -6.17 24.79	6.51 -4.28 35.18	15.99 -3.08 7.88
NIAGARA_115W_LBMP 323714	27.62 -4.45 4.11	22.72 -3.15 0.21	24.13 -3.42 1.53	21.47 -3.08 2.59	11.53 -3.02 12.16	18.91 -3.91 13.44	22.95 -5.44 21.70	26.12 -7.86 27.18	15.91 -6.16 25.40	15.96 -4.38 11.66	17.58 -3.46 5.15	9.82 -1.75 1.30	7.16 -1.04 0.05	3.88 -0.76 1.70	3.53 -0.89 2.95	8.70 -2.14 5.93	11.93 -2.96 7.22	15.34 -3.85 10.75	12.83 -6.72 36.50	11.75 -4.92 27.35	4.58 -5.53 37.20	16.55 -5.92 25.19	5.97 -4.47 35.51	15.94 -3.05 7.95
NIAGARA_230_LBMP 323716	27.86 -4.26 4.06	22.88 -3.00 0.21	24.29 -3.27 1.53	21.61 -2.94 2.59	11.76 -2.87 12.08	19.24 -3.73 13.30	23.44 -5.22 21.43	26.99 -7.52 26.66	16.66 -5.89 24.93	16.52 -4.18 11.29	17.94 -3.27 4.98	9.98 -1.64 1.26	7.25 -0.95 0.05	3.99 -0.71 1.64	3.68 -0.83 2.86	9.01 -2.02 5.74	12.32 -2.80 6.99	15.87 -3.67 10.41	13.59 -6.29 36.17	12.46 -4.72 26.85	5.39 -5.32 36.60	17.35 -5.68 24.63	6.60 -4.27 35.09	16.24 -2.90 7.80
NIAGARA__115KV_198_GIBSON 55903	28.64 -4.45 3.08	22.94 -3.14 0.00	25.27 -3.43 0.37	24.06 -3.08 0.00	20.17 -3.02 3.52	26.48 -3.91 5.87	33.94 -5.44 10.71	26.14 -7.85 27.18	15.98 -6.09 25.40	15.88 -4.46 11.66	17.55 -3.50 5.15	9.81 -1.77 1.30	7.16 -1.04 0.05	3.88 -0.76 1.70	3.53 -0.89 2.95	8.69 -2.16 5.93	11.89 -3.00 7.22	15.28 -3.97 10.69	14.74 -6.73 34.58	21.27 -4.87 17.89	23.51 -5.48 18.32	21.75 -5.91 20.00	13.30 -4.32 28.35	16.27 -3.03 7.64
NIAGARA____ 23760	27.88 -4.26 4.04	22.88 -3.00 0.21	24.31 -3.27 1.50	21.67 -2.94 2.53	11.90 -2.87 11.93	19.39 -3.73 13.14	23.57 -5.22 21.30	26.88 -7.52 26.76	16.59 -5.89 25.00	16.45 -4.18 11.36	17.91 -3.27 5.01	9.97 -1.64 1.27	7.25 -0.95 0.05	3.98 -0.71 1.65	3.66 -0.83 2.87	8.98 -2.02 5.77	12.27 -2.80 7.04	15.78 -3.67 10.48	13.52 -6.29 36.23	12.42 -4.72 26.89	5.41 -5.32 36.58	17.26 -5.68 24.72	6.57 -4.27 35.12	16.22 -2.90 7.82
NINE_MILE_1 23575	35.02 -1.15 0.00	25.31 -0.78 0.00	28.18 -0.89 0.00	26.32 -0.82 0.00	25.91 -0.80 0.00	35.17 -1.09 0.00	48.60 -1.49 0.00	59.37 -1.80 0.00	46.03 -1.45 0.00	30.97 -1.03 0.00	25.35 -0.85 0.00	12.47 -0.40 0.00	8.00 -0.25 0.00	6.15 -0.19 0.00	7.15 -0.22 0.00	16.25 -0.52 0.00	21.39 -0.71 0.00	29.00 -0.94 0.00	54.41 -1.64 0.00	42.79 -1.24 0.00	45.93 -1.39 0.00	46.20 -1.46 0.00	44.60 -1.37 0.00	26.14 -0.80 0.00
NINE_MILE_2 23744	35.03 -1.15 0.00	25.31 -0.78 0.00	28.19 -0.89 0.00	26.32 -0.82 0.00	25.92 -0.80 0.00	35.18 -1.08 0.00	48.61 -1.48 0.00	59.38 -1.79 0.00	46.04 -1.44 0.00	30.97 -1.03 0.00	25.35 -0.84 0.00	12.47 -0.40 0.00	8.00 -0.25 0.00	6.15 -0.19 0.00	7.15 -0.22 0.00	16.26 -0.52 0.00	21.40 -0.71 0.00	29.00 -0.94 0.00	54.41 -1.63 0.00	42.80 -1.23 0.00	45.93 -1.38 0.00	46.20 -1.46 0.00	44.61 -1.35 0.00	26.15 -0.79 0.00
NM_CAPITAL__DRP 24208	37.34 1.17 0.00	26.84 0.76 0.00	29.98 0.91 0.00	27.95 0.81 0.00	27.47 0.75 0.00	37.28 1.02 0.00	51.28 1.19 0.00	62.54 1.38 0.00	48.60 1.13 0.00	32.89 0.89 0.00	26.92 0.73 0.00	13.22 0.35 0.00	8.45 0.20 0.00	6.50 0.16 0.00	7.56 0.19 0.00	17.28 0.50 0.00	22.87 0.76 0.00	30.93 0.99 0.00	57.53 1.48 0.00	44.99 0.96 0.00	48.63 1.32 0.00	49.01 1.35 0.00	47.13 1.17 0.00	27.69 0.75 0.00

NM_CENTRAL___DRP 24181	35.53 -0.65 0.00	25.66 -0.43 0.00	28.57 -0.51 0.00	26.66 -0.47 0.00	26.27 -0.44 0.00	35.72 -0.54 0.00	49.51 -0.58 0.00	60.51 -0.66 0.00	46.84 -0.64 0.00	31.47 -0.52 0.00	25.74 -0.45 0.00	12.65 -0.22 0.00	8.12 -0.13 0.00	6.24 -0.10 0.00	7.25 -0.12 0.00	16.51 -0.27 0.00	21.75 -0.36 0.00	29.53 -0.41 0.00	55.46 -0.59 0.00	43.64 -0.39 0.00	46.78 -0.53 0.00	47.03 -0.63 0.00	45.39 -0.57 0.00	26.58 -0.36 0.00
NM_FRONTIER___DRP 24179	28.64 -4.45 3.08	22.94 -3.14 0.00	25.27 -3.43 0.37	24.06 -3.08 0.00	20.17 -3.02 3.52	26.48 -3.91 5.87	33.94 -5.44 10.71	26.14 -7.85 27.18	15.98 -6.09 25.40	15.88 -4.46 11.66	17.55 -3.50 5.15	9.81 -1.77 1.30	7.16 -1.04 0.05	3.88 -0.76 1.70	3.53 -0.89 2.95	8.69 -2.16 5.93	11.89 -3.00 7.22	15.28 -3.97 10.69	14.74 -6.73 34.58	21.27 -4.87 17.89	23.51 -5.48 18.32	21.75 -5.91 20.00	13.30 -4.32 28.35	16.27 -3.03 7.64
NM_ST_REGIS___HYD 24053	35.92 -0.25 0.00	25.83 -0.26 0.00	28.88 -0.20 0.00	27.03 -0.10 0.00	26.58 -0.13 0.00	36.21 -0.05 0.00	50.30 0.21 0.00	61.67 0.51 0.00	47.89 0.41 0.00	32.21 0.21 0.00	26.18 -0.01 0.00	12.76 -0.12 0.00	8.14 -0.11 0.00	6.21 -0.13 0.00	7.16 -0.21 0.00	16.14 -0.64 0.00	21.29 -0.82 0.00	28.74 -1.19 0.00	54.52 -1.53 0.00	43.32 -0.70 0.00	46.46 -0.86 0.00	47.11 -0.55 0.00	45.36 -0.60 0.00	26.59 -0.35 0.00
NORTHPORT___1 23551	38.08 1.91 0.00	27.46 1.38 0.00	30.51 1.44 0.00	28.38 1.24 0.00	27.98 1.27 0.00	37.84 1.58 0.00	40.10 1.80 11.79	62.77 1.61 0.00	48.70 1.22 0.00	33.43 1.43 0.00	27.78 1.59 0.00	13.56 0.68 0.00	8.93 0.44 -0.24	6.67 0.34 0.00	7.81 0.44 0.00	17.95 1.18 0.00	23.87 1.77 0.00	32.07 2.13 0.00	58.48 2.44 0.00	45.83 1.80 0.00	49.14 1.83 0.00	49.75 2.09 0.00	48.00 2.04 0.00	28.26 1.32 0.00
NORTHPORT___2 23552	38.08 1.91 0.00	27.46 1.38 0.00	30.51 1.44 0.00	28.38 1.24 0.00	27.98 1.27 0.00	37.84 1.58 0.00	40.10 1.80 11.79	62.77 1.61 0.00	48.70 1.22 0.00	33.43 1.43 0.00	27.78 1.59 0.00	13.56 0.68 0.00	8.93 0.44 -0.24	6.67 0.34 0.00	7.81 0.44 0.00	17.95 1.18 0.00	23.87 1.77 0.00	32.07 2.13 0.00	58.48 2.44 0.00	45.83 1.80 0.00	49.14 1.83 0.00	49.75 2.09 0.00	48.00 2.04 0.00	28.26 1.32 0.00
NORTHPORT___3 23553	38.07 1.89 0.00	27.46 1.38 0.00	30.51 1.43 0.00	28.37 1.23 0.00	27.98 1.27 0.00	37.85 1.59 0.00	45.01 1.84 6.93	62.86 1.70 0.00	48.79 1.32 0.00	33.46 1.47 0.00	27.79 1.59 0.00	13.56 0.69 0.00	8.94 0.45 -0.24	6.68 0.34 0.00	7.82 0.45 0.00	17.96 1.18 0.00	23.88 1.77 0.00	32.08 2.15 0.00	58.57 2.53 0.00	45.92 1.89 0.00	49.22 1.90 0.00	49.80 2.15 0.00	48.05 2.09 0.00	28.27 1.33 0.00
NORTHPORT___4 23650	38.07 1.89 0.00	27.46 1.38 0.00	30.51 1.43 0.00	28.37 1.23 0.00	27.98 1.27 0.00	37.85 1.59 0.00	45.01 1.84 6.93	62.86 1.70 0.00	48.79 1.32 0.00	33.46 1.47 0.00	27.79 1.59 0.00	13.56 0.69 0.00	8.94 0.45 -0.24	6.68 0.34 0.00	7.82 0.45 0.00	17.96 1.18 0.00	23.88 1.77 0.00	32.08 2.15 0.00	58.57 2.53 0.00	45.92 1.89 0.00	49.22 1.90 0.00	49.80 2.15 0.00	48.05 2.09 0.00	28.27 1.33 0.00
NORTHPORT___IC 23718	38.08 1.90 0.00	27.47 1.38 0.00	30.52 1.44 0.00	28.38 1.25 0.00	27.98 1.27 0.00	37.85 1.59 0.00	40.10 1.80 11.79	62.76 1.60 0.00	48.67 1.19 0.00	33.43 1.43 0.00	27.78 1.59 0.00	13.56 0.68 0.00	8.93 0.45 -0.24	6.68 0.34 0.00	7.81 0.44 0.00	17.95 1.18 0.00	23.87 1.77 0.00	32.07 2.14 0.00	58.47 2.42 0.00	45.82 1.79 0.00	49.11 1.79 0.00	49.73 2.07 0.00	47.95 1.99 0.00	28.25 1.31 0.00
NORTH___COUNTRY_ESR 323785	35.41 -0.77 0.00	25.45 -0.64 0.00	28.46 -0.62 0.00	26.65 -0.49 0.00	26.26 -0.45 0.00	35.76 -0.50 0.00	49.61 -0.48 0.00	60.69 -0.47 0.00	47.20 -0.28 0.00	31.80 -0.20 0.00	25.77 -0.43 0.00	12.57 -0.30 0.00	8.06 -0.19 0.00	6.16 -0.18 0.00	7.13 -0.24 0.00	16.15 -0.63 0.00	21.31 -0.80 0.00	28.74 -1.19 0.00	54.17 -1.88 0.00	42.80 -1.23 0.00	46.04 -1.28 0.00	46.47 -1.19 0.00	44.79 -1.17 0.00	26.26 -0.68 0.00
NPX_GEN_1385_PROXY 323591	38.08 1.91 0.00	27.46 1.38 0.00	30.51 1.44 0.00	28.38 1.24 0.00	27.98 1.27 0.00	37.84 1.58 0.00	40.10 1.80 11.79	63.46 1.61 -0.69	48.70 1.22 0.00	33.43 1.43 0.00	27.78 1.59 0.00	12.99 0.68 0.57	8.93 0.44 -0.24	6.67 0.34 0.00	7.81 0.44 0.00	17.95 1.18 0.00	23.87 1.77 0.00	32.07 2.13 0.00	58.48 2.44 0.00	45.83 1.80 0.00	49.14 1.83 0.00	49.75 2.09 0.00	48.00 2.04 0.00	28.26 1.32 0.00
NPX_GEN_CSC 323557	38.38 2.20 0.00	27.82 1.73 0.00	30.91 1.83 0.00	28.75 1.61 0.00	28.38 1.67 0.00	38.45 2.19 0.00	54.79 2.47 -2.23	63.99 2.14 -0.69	49.15 1.67 0.00	33.60 1.61 0.00	27.87 1.68 0.00	13.00 0.69 0.57	8.95 0.47 -0.24	6.66 0.32 0.00	7.80 0.43 0.00	17.95 1.17 0.00	24.04 1.93 0.00	32.46 2.52 0.00	59.42 3.37 0.00	46.56 2.53 0.00	49.99 2.68 0.00	50.23 2.57 0.00	48.30 2.34 0.00	28.21 1.27 0.00
NSINS_S___GLNS_FALLS 23858	37.67 1.49 0.00	27.03 0.94 0.00	30.13 1.06 0.00	28.09 0.96 0.00	27.66 0.95 0.00	37.70 1.43 0.00	52.14 2.05 0.00	63.65 2.49 0.00	49.24 1.76 0.00	33.07 1.07 0.00	26.81 0.62 0.00	13.06 0.18 0.00	8.30 0.05 0.00	6.37 0.04 0.00	7.42 0.05 0.00	17.02 0.25 0.00	22.73 0.62 0.00	31.12 1.18 0.00	58.32 2.27 0.00	45.59 1.56 0.00	49.43 2.11 0.00	49.63 1.97 0.00	47.55 1.59 0.00	27.83 0.89 0.00
NUCOR_STEEL___DRP 24197	35.05 -0.41 0.71	25.82 -0.27 0.00	28.74 -0.22 0.11	26.95 -0.19 0.00	26.14 -0.27 0.30	35.78 -0.29 0.19	47.95 -0.32 1.81	65.59 -0.15 -4.57	45.27 -0.33 1.88	31.38 -0.40 0.22	25.78 -0.41 0.00	12.65 -0.23 0.00	8.08 -0.17 0.00	6.22 -0.12 0.00	7.24 -0.13 0.00	16.51 -0.26 0.00	21.75 -0.36 0.00	29.56 -0.38 0.00	55.84 -0.20 0.00	44.00 -0.02 0.00	48.09 -0.19 -0.97	46.10 -0.33 1.23	36.13 -0.23 9.60	24.96 -0.15 1.83
NUMBER_THREE_WT_PWR 323818	34.72 -1.46 0.00	24.92 -1.17 0.00	28.06 -1.02 0.00	26.39 -0.75 0.00	25.72 -0.99 0.00	34.95 -1.31 0.00	48.82 -1.27 0.00	59.86 -1.30 0.00	46.12 -1.36 0.00	31.09 -0.91 0.00	25.38 -0.82 0.00	12.29 -0.59 0.00	7.78 -0.46 0.00	5.96 -0.37 0.00	6.85 -0.52 0.00	15.62 -1.16 0.00	20.78 -1.33 0.00	28.47 -1.47 0.00	54.92 -1.12 0.00	43.70 -0.32 0.00	46.26 -1.06 0.00	46.30 -1.36 0.00	44.54 -1.42 0.00	25.81 -1.13 0.00
NYISO_LBMP_REFERENCE 24008	36.18 0.00 0.00	26.08 0.00 0.00	29.08 0.00 0.00	27.13 0.00 0.00	26.71 0.00 0.00	36.26 0.00 0.00	50.09 0.00 0.00	61.16 0.00 0.00	47.48 0.00 0.00	32.00 0.00 0.00	26.19 0.00 0.00	12.87 0.00 0.00	8.25 0.00 0.00	6.34 0.00 0.00	7.37 0.00 0.00	16.77 0.00 0.00	22.11 0.00 0.00	29.94 0.00 0.00	56.05 0.00 0.00	44.03 0.00 0.00	47.31 0.00 0.00	47.66 0.00 0.00	45.96 0.00 0.00	26.94 0.00 0.00

NYPA_BRENTWD____GT 24164	38.42 2.24 0.00	27.71 1.63 0.00	30.79 1.71 0.00	28.64 1.50 0.00	28.24 1.53 0.00	38.25 1.99 0.00	54.62 2.47 -2.06	63.45 2.29 0.00	49.35 1.87 0.00	33.77 1.77 0.00	28.00 1.81 0.00	13.65 0.78 0.00	8.99 0.50 -0.24	6.72 0.38 0.00	7.86 0.49 0.00	18.07 1.30 0.00	24.07 1.96 0.00	32.41 2.47 0.00	59.27 3.22 0.00	46.51 2.49 0.00	49.85 2.53 0.00	50.38 2.72 0.00	48.54 2.58 0.00	28.51 1.57 0.00
NYPA_GOWANUS____GT5 24156	38.07 1.89 0.00	27.37 1.29 0.00	30.26 1.19 0.00	28.18 1.04 0.00	27.97 1.26 0.00	37.88 1.62 0.00	52.38 2.29 0.00	64.08 2.91 0.00	49.92 2.45 0.00	34.00 2.00 0.00	28.07 1.87 0.00	13.75 0.87 0.00	5.81 0.58 3.02	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.36 2.42 0.00	59.73 3.68 0.00	46.76 2.73 0.00	50.09 2.77 0.00	50.77 3.11 -0.01	48.80 2.84 0.00	28.59 1.65 -0.01
NYPA_GOWANUS____GT6 24157	38.07 1.89 0.00	27.37 1.29 0.00	30.26 1.19 0.00	28.18 1.04 0.00	27.97 1.26 0.00	37.88 1.62 0.00	52.38 2.29 0.00	64.08 2.91 0.00	49.92 2.45 0.00	34.00 2.00 0.00	28.07 1.87 0.00	13.75 0.87 0.00	5.81 0.58 3.02	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.36 2.42 0.00	59.73 3.68 0.00	46.76 2.73 0.00	50.09 2.77 0.00	50.77 3.11 -0.01	48.80 2.84 0.00	28.59 1.65 -0.01
NYPA_HARLEM__RVR__GT1 24160	38.13 1.95 0.00	27.43 1.34 0.00	30.44 1.36 0.00	28.33 1.19 0.00	28.02 1.31 0.00	37.87 1.61 0.00	52.37 2.28 0.00	64.06 2.90 0.00	50.00 2.52 0.00	34.01 2.02 0.00	28.09 1.90 -0.01	13.77 0.89 0.00	9.41 0.59 -0.57	6.81 0.47 0.00	7.95 0.58 0.00	18.21 1.43 0.00	24.00 1.90 0.00	32.27 2.33 0.00	59.48 3.43 0.00	46.61 2.58 0.00	49.89 2.58 0.00	50.45 2.79 -0.01	48.54 2.57 0.00	28.53 1.59 -0.01
NYPA_HARLEM__RVR__GT2 24161	38.13 1.95 0.00	27.43 1.34 0.00	30.44 1.36 0.00	28.33 1.19 0.00	28.02 1.31 0.00	37.87 1.61 0.00	52.37 2.28 0.00	64.06 2.90 0.00	50.00 2.52 0.00	34.01 2.02 0.00	28.09 1.90 -0.01	13.77 0.89 0.00	9.41 0.59 -0.57	6.81 0.47 0.00	7.95 0.58 0.00	18.21 1.43 0.00	24.00 1.90 0.00	32.27 2.33 0.00	59.48 3.43 0.00	46.61 2.58 0.00	49.89 2.58 0.00	50.45 2.79 -0.01	48.54 2.57 0.00	28.53 1.59 -0.01
NYPA_KENT____GT 24152	38.11 1.93 0.00	27.41 1.32 0.00	30.36 1.28 0.00	28.25 1.12 0.00	27.99 1.28 0.00	37.91 1.65 0.00	52.42 2.33 0.00	64.09 2.92 0.00	49.93 2.45 0.00	34.01 2.02 0.00	28.10 1.90 -0.01	13.76 0.89 0.00	18.33 0.59 -9.49	6.81 0.47 0.00	7.96 0.59 0.00	18.23 1.45 0.00	24.04 1.93 0.00	32.37 2.44 0.00	59.68 3.63 0.00	46.74 2.71 0.00	50.04 2.72 0.00	50.71 3.04 -0.01	48.76 2.80 0.00	28.59 1.65 -0.01
NYPA_POUCH1____GT 24155	37.96 1.78 0.00	27.30 1.22 0.00	30.20 1.12 0.00	28.10 0.96 0.00	27.90 1.19 0.00	37.77 1.51 0.00	52.27 2.18 0.00	63.96 2.79 0.00	49.84 2.36 0.00	33.94 1.94 0.00	28.01 1.82 0.00	13.72 0.85 0.00	3.32 0.57 5.50	6.79 0.45 0.00	7.94 0.57 0.00	18.19 1.41 0.00	23.99 1.88 0.00	32.32 2.38 0.00	59.71 3.66 0.00	46.75 2.72 0.00	50.06 2.74 0.00	50.74 3.08 -0.01	48.70 2.74 0.00	28.51 1.56 -0.01
NYPA_VERNON____GT2 24162	38.15 1.97 0.00	27.44 1.36 0.00	30.45 1.37 0.00	28.33 1.20 0.00	28.02 1.31 0.00	37.95 1.69 0.00	52.45 2.36 0.00	64.09 2.93 0.00	49.94 2.46 0.00	34.02 2.02 0.00	28.12 1.91 -0.01	13.78 0.90 0.00	13.76 0.60 -4.91	6.81 0.47 0.00	7.97 0.60 0.00	18.24 1.46 0.00	24.06 1.96 0.00	32.40 2.46 0.00	59.66 3.61 0.00	46.68 2.65 0.00	49.98 2.66 0.00	50.65 2.99 -0.01	48.73 2.76 0.00	28.61 1.66 -0.01
NYPA_VERNON____GT3 24163	38.15 1.97 0.00	27.44 1.36 0.00	30.45 1.37 0.00	28.33 1.20 0.00	28.02 1.31 0.00	37.95 1.69 0.00	52.45 2.36 0.00	64.09 2.93 0.00	49.94 2.46 0.00	34.02 2.02 0.00	28.12 1.91 -0.01	13.78 0.90 0.00	13.76 0.60 -4.91	6.81 0.47 0.00	7.97 0.60 0.00	18.24 1.46 0.00	24.06 1.96 0.00	32.40 2.46 0.00	59.66 3.61 0.00	46.68 2.65 0.00	49.98 2.66 0.00	50.65 2.99 -0.01	48.73 2.76 0.00	28.61 1.66 -0.01
NYPA__ASTORIA_CC1 323568	38.14 1.96 0.00	27.44 1.36 0.00	30.45 1.37 0.00	28.33 1.20 0.00	28.02 1.31 0.00	37.94 1.68 0.00	52.44 2.35 0.00	64.07 2.91 0.00	49.91 2.44 0.00	34.00 2.01 0.00	28.11 1.91 -0.01	13.77 0.90 0.00	11.52 0.60 -2.67	6.81 0.47 0.00	7.96 0.60 0.00	18.24 1.46 0.00	24.06 1.95 0.00	32.38 2.44 0.00	59.62 3.57 0.00	46.65 2.63 0.00	49.94 2.63 0.00	50.61 2.95 -0.01	48.70 2.73 0.00	28.60 1.65 -0.01
NYPA__ASTORIA_CC2 323569	38.14 1.96 0.00	27.44 1.36 0.00	30.45 1.37 0.00	28.33 1.20 0.00	28.02 1.31 0.00	37.94 1.68 0.00	52.44 2.35 0.00	64.07 2.91 0.00	49.91 2.44 0.00	34.00 2.01 0.00	28.11 1.91 -0.01	13.77 0.90 0.00	11.52 0.60 -2.67	6.81 0.47 0.00	7.96 0.60 0.00	18.24 1.46 0.00	24.06 1.95 0.00	32.38 2.44 0.00	59.62 3.57 0.00	46.65 2.63 0.00	49.94 2.63 0.00	50.61 2.95 -0.01	48.70 2.73 0.00	28.60 1.65 -0.01
NYPA__HOLTSVILL 23794	38.25 2.07 0.00	27.62 1.54 0.00	30.69 1.61 0.00	28.53 1.40 0.00	28.16 1.45 0.00	38.13 1.87 0.00	54.67 2.25 -2.33	63.24 2.08 0.00	49.09 1.62 0.00	33.60 1.61 0.00	27.86 1.67 0.00	13.58 0.70 0.00	8.95 0.46 -0.24	6.68 0.34 0.00	7.81 0.45 0.00	17.98 1.20 0.00	23.96 1.85 0.00	32.28 2.34 0.00	59.03 2.98 0.00	46.31 2.28 0.00	49.66 2.34 0.00	50.12 2.46 0.00	48.27 2.31 0.00	28.30 1.36 0.00
NYPA__HELLGATE_GT1 24158	38.13 1.95 0.00	27.43 1.34 0.00	30.44 1.36 0.00	28.33 1.19 0.00	28.02 1.31 0.00	37.87 1.61 0.00	52.35 2.26 0.00	64.06 2.90 0.00	50.00 2.52 0.00	34.01 2.02 0.00	28.09 1.90 -0.01	13.77 0.89 0.00	9.41 0.59 -0.57	6.81 0.47 0.00	7.95 0.58 0.00	18.21 1.43 0.00	24.00 1.90 0.00	32.27 2.33 0.00	59.48 3.43 0.00	46.61 2.58 0.00	49.89 2.58 0.00	50.45 2.79 -0.01	48.54 2.57 0.00	28.53 1.59 -0.01
NYPA__HELLGATE_GT2 24159	38.13 1.95 0.00	27.43 1.34 0.00	30.44 1.36 0.00	28.33 1.19 0.00	28.02 1.31 0.00	37.87 1.61 0.00	52.35 2.26 0.00	64.06 2.90 0.00	50.00 2.52 0.00	34.01 2.02 0.00	28.09 1.90 -0.01	13.77 0.89 0.00	9.41 0.59 -0.57	6.81 0.47 0.00	7.95 0.58 0.00	18.21 1.43 0.00	24.00 1.90 0.00	32.27 2.33 0.00	59.48 3.43 0.00	46.61 2.58 0.00	49.89 2.58 0.00	50.45 2.79 -0.01	48.54 2.57 0.00	28.53 1.59 -0.01
NYS_BARGE__HYD 23848	28.39 -4.01 3.78	23.12 -2.78 0.19	24.67 -3.03 1.37	22.13 -2.72 2.28	13.26 -2.61 10.84	20.92 -3.35 11.99	25.71 -4.79 19.60	28.87 -6.90 25.39	18.51 -5.45 23.51	17.59 -3.91 10.50	18.47 -3.11 4.62	10.14 -1.58 1.16	7.27 -0.94 0.05	4.14 -0.68 1.52	3.93 -0.79 2.65	9.55 -1.91 5.31	12.80 -2.68 6.63	16.73 -3.44 9.78	14.68 -5.76 35.61	14.88 -4.36 24.79	9.11 -4.94 33.26	19.43 -5.33 22.90	8.82 -3.67 33.47	16.80 -2.69 7.45

OAK ORCHARD__HYD 24046	32.38 -1.86 1.94	24.69 -1.31 0.09	26.90 -1.45 0.72	24.72 -1.30 1.11	21.11 -1.25 4.34	31.08 -1.54 3.63	39.67 -2.01 8.41	45.78 -2.82 12.56	34.98 -2.28 10.22	29.71 -1.81 0.48	24.68 -1.52 0.00	12.11 -0.77 0.00	7.80 -0.45 0.00	6.01 -0.33 0.00	6.97 -0.39 0.00	15.81 -0.96 0.00	20.44 -1.30 0.37	28.04 -1.62 0.28	27.86 -2.31 25.88	35.07 -1.63 7.33	35.55 -1.94 9.83	39.06 -2.21 6.40	22.74 -1.68 21.54	22.07 -1.21 3.66
OAKDALE__35_KV_LOAD 356122	39.04 -0.59 -3.45	25.75 -0.33 0.00	29.18 -0.42 -0.52	26.72 -0.41 0.00	27.82 -0.38 -1.48	36.75 -0.41 -0.90	58.23 -0.63 -8.76	61.31 -0.46 -0.61	61.45 -0.58 -14.56	32.65 -0.43 -1.08	25.86 -0.33 0.00	12.71 -0.16 0.00	8.17 -0.08 0.00	6.29 -0.05 0.00	7.30 -0.07 0.00	16.59 -0.18 0.00	21.73 -0.34 0.04	29.48 -0.42 0.04	55.37 -0.67 0.00	43.56 -0.47 0.00	45.66 -0.70 0.95	54.67 -0.77 -7.78	91.72 -0.65 -46.41	35.42 -0.36 -8.84
OCC_CHEM__DRP 24175	28.67 -4.42 3.08	22.97 -3.12 0.00	25.31 -3.40 0.37	24.09 -3.05 0.00	20.18 -3.00 3.53	26.50 -3.87 5.89	33.97 -5.38 10.74	26.14 -7.78 27.24	15.97 -6.04 25.46	15.86 -4.43 11.70	17.56 -3.47 5.17	9.82 -1.75 1.31	7.17 -1.03 0.05	3.88 -0.75 1.71	3.53 -0.88 2.96	8.68 -2.14 5.95	11.88 -2.98 7.24	15.27 -3.94 10.73	14.78 -6.65 34.62	21.27 -4.81 17.94	23.50 -5.43 18.39	21.75 -5.84 20.07	13.31 -4.26 28.39	16.28 -2.99 7.66
OH_GEN_PROXY 24063	27.90 -4.19 4.09	22.91 -2.95 0.23	24.26 -3.22 1.60	21.48 -2.90 2.75	11.40 -2.84 12.47	19.17 -3.67 13.41	23.12 -5.14 21.84	28.24 -7.35 25.57	17.24 -5.77 24.47	17.32 -4.08 10.59	18.35 -3.19 4.65	9.53 -1.59 1.75	7.28 -0.92 0.05	4.11 -0.69 1.53	3.90 -0.81 2.66	9.46 -1.96 5.35	12.85 -2.71 6.55	16.64 -3.56 9.74	14.77 -6.13 35.15	13.01 -4.59 26.42	5.31 -5.21 36.79	18.07 -5.54 24.05	6.43 -4.19 35.34	16.48 -2.82 7.63
OLIN_CORP_DRP 24177	28.55 -4.56 3.08	22.96 -3.12 0.00	25.27 -3.43 0.38	24.07 -3.07 0.00	20.24 -2.95 3.52	26.56 -3.85 5.85	33.76 -5.58 10.74	26.02 -7.83 27.32	15.94 -6.06 25.48	15.86 -4.43 11.70	17.58 -3.44 5.17	9.83 -1.75 1.29	7.16 -1.04 0.05	3.89 -0.74 1.71	3.54 -0.86 2.96	8.74 -2.08 5.95	11.88 -2.96 7.27	15.13 -4.05 10.76	14.91 -6.54 34.60	21.05 -5.03 17.95	23.22 -5.69 18.41	21.54 -6.03 20.10	13.21 -4.26 28.48	16.29 -2.97 7.68
OLIN_CORP_DSASP 323712	28.67 -4.42 3.08	22.97 -3.12 0.00	25.31 -3.40 0.37	24.09 -3.05 0.00	20.18 -3.00 3.53	26.50 -3.87 5.89	33.97 -5.38 10.74	26.14 -7.78 27.24	15.97 -6.04 25.46	15.86 -4.43 11.70	17.56 -3.47 5.17	9.82 -1.75 1.31	7.17 -1.03 0.05	3.88 -0.75 1.71	3.53 -0.88 2.96	8.68 -2.14 5.95	11.88 -2.98 7.24	15.27 -3.94 10.73	14.78 -6.65 34.62	21.27 -4.81 17.94	23.50 -5.43 18.39	21.75 -5.84 20.07	13.31 -4.26 28.39	16.28 -2.99 7.66
ONEIDA_HERK_LFGE 323681	35.94 -0.23 0.00	25.87 -0.22 0.00	28.95 -0.12 0.00	27.12 -0.02 0.00	26.59 -0.13 0.00	36.15 -0.11 0.00	50.29 0.20 0.00	61.53 0.37 0.00	47.49 0.01 0.00	31.90 -0.10 0.00	26.04 -0.15 0.00	12.71 -0.17 0.00	8.09 -0.16 0.00	6.22 -0.12 0.00	7.20 -0.17 0.00	16.40 -0.37 0.00	21.73 -0.38 0.00	29.66 -0.28 0.00	56.39 0.34 0.00	44.55 0.52 0.00	47.55 0.23 0.00	47.72 0.06 0.00	45.92 -0.04 0.00	26.77 -0.17 0.00
ONEIDA__115KV_TB4 55905	36.48 0.31 0.00	26.30 0.21 0.00	29.33 0.26 0.00	27.43 0.29 0.00	26.99 0.27 0.00	36.74 0.48 0.00	51.04 0.95 0.00	62.40 1.24 0.00	48.14 0.66 0.00	32.17 0.17 0.00	26.26 0.07 0.00	12.85 -0.03 0.00	8.21 -0.04 0.00	6.32 -0.02 0.00	7.34 -0.03 0.00	16.74 -0.03 0.00	22.13 0.02 0.00	30.15 0.21 0.00	57.03 0.98 0.00	44.99 0.97 0.00	48.15 0.83 0.00	48.36 0.70 0.00	46.57 0.61 0.00	27.22 0.28 0.00
ONONDAGA_REF_OCCRA 23987	35.74 -0.43 0.00	25.81 -0.27 0.00	28.74 -0.34 0.00	26.82 -0.31 0.00	26.43 -0.28 0.00	35.94 -0.32 0.00	49.79 -0.31 0.00	65.43 -0.30 -4.56	48.36 -0.40 -1.29	31.62 -0.38 0.00	25.84 -0.35 0.00	12.69 -0.18 0.00	8.14 -0.11 0.00	6.26 -0.08 0.00	7.27 -0.10 0.00	16.57 -0.20 0.00	21.82 -0.29 0.00	29.63 -0.31 0.00	55.74 -0.31 0.00	43.87 -0.16 0.00	47.85 -0.29 -0.83	47.67 -0.39 -0.41	45.61 -0.35 0.00	26.71 -0.23 0.00
ONONDAGA__COGEN 23986	35.71 -0.47 0.00	25.79 -0.30 0.00	28.72 -0.36 0.00	26.81 -0.33 0.00	26.40 -0.31 0.00	35.89 -0.37 0.00	49.68 -0.41 0.00	60.73 -0.43 0.00	46.99 -0.49 0.00	31.56 -0.44 0.00	25.80 -0.40 0.00	12.67 -0.20 0.00	8.12 -0.13 0.00	6.25 -0.09 0.00	7.26 -0.11 0.00	16.54 -0.23 0.00	21.82 -0.33 -0.03	29.61 -0.35 -0.03	57.58 -0.40 -1.93	44.04 -0.24 -0.26	46.93 -0.39 0.00	46.04 -0.49 1.14	39.41 -0.43 6.12	25.51 -0.27 1.17
ONTARIO__LFGE 23819	33.07 -1.24 1.86	25.29 -0.80 0.00	27.79 -0.96 0.33	26.24 -0.89 0.00	26.25 -0.85 -0.39	37.55 -0.97 -2.26	45.45 -1.51 3.13	37.90 -2.28 20.99	33.30 -1.97 12.21	35.81 -1.42 -5.23	27.69 -1.31 -2.81	12.90 -0.68 -0.71	7.85 -0.43 -0.03	6.95 -0.32 -0.93	8.61 -0.37 -1.62	19.23 -0.80 -3.25	25.95 -1.10 -4.94	35.18 -1.32 -6.56	135.03 -2.02 -81.01	60.93 -1.27 -18.17	50.07 -1.63 -4.38	45.84 -1.90 -0.07	14.10 -1.54 30.32	21.54 -0.86 4.54
ORANGEVILLE_WT_PWR 323706	26.06 -3.95 6.16	23.30 -2.68 0.11	25.02 -2.96 1.09	23.08 -2.76 1.29	9.04 -2.73 14.94	8.64 -3.49 24.14	16.47 -5.11 28.51	2.36 -7.45 51.35	-9.13 -5.95 50.65	-8.92 -4.06 36.86	5.88 -3.39 16.92	6.88 -1.71 4.29	7.03 -1.05 0.17	-0.05 -0.78 5.60	-3.29 -0.92 9.74	-4.80 -2.00 19.58	-3.08 -2.79 22.40	-7.62 -3.43 34.13	-16.66 -5.56 67.15	-17.08 -3.92 57.19	-20.78 -4.44 63.66	-14.79 -5.12 57.33	-7.50 -4.24 49.23	7.74 -2.91 16.29
ORANGEVILLE__ESR 323794	26.06 -3.95 6.16	23.30 -2.68 0.11	25.02 -2.96 1.09	23.08 -2.76 1.29	9.04 -2.73 14.94	8.64 -3.49 24.14	16.47 -5.11 28.51	2.36 -7.45 51.35	-9.13 -5.95 50.65	-8.92 -4.06 36.86	5.88 -3.39 16.92	6.88 -1.71 4.29	7.03 -1.05 0.17	-0.05 -0.78 5.60	-3.29 -0.92 9.74	-4.80 -2.00 19.58	-3.08 -2.79 22.40	-7.62 -3.43 34.13	-16.66 -5.56 67.15	-17.08 -3.92 57.19	-20.78 -4.44 63.66	-14.79 -5.12 57.33	-7.50 -4.24 49.23	7.74 -2.91 16.29
OSWEGATCHIE__HYD 24044	35.09 -1.09 0.00	25.21 -0.88 0.00	28.28 -0.79 0.00	26.52 -0.62 0.00	25.97 -0.74 0.00	35.35 -0.91 0.00	49.30 -0.79 0.00	60.43 -0.73 0.00	46.71 -0.76 0.00	31.43 -0.57 0.00	25.60 -0.59 0.00	12.43 -0.44 0.00	7.89 -0.36 0.00	6.03 -0.31 0.00	6.94 -0.43 0.00	15.70 -1.07 0.00	20.81 -1.30 0.00	28.34 -1.59 0.00	54.30 -1.75 0.00	43.23 -0.80 0.00	46.03 -1.28 0.00	46.37 -1.29 0.00	44.61 -1.35 0.00	25.98 -0.96 0.00
OSWEGO__5 23606	35.20 -0.98 0.00	25.42 -0.66 0.00	28.32 -0.76 0.00	26.44 -0.70 0.00	26.03 -0.68 0.00	35.36 -0.90 0.00	48.87 -1.22 0.00	59.71 -1.46 0.00	46.26 -1.22 0.00	31.11 -0.88 0.00	25.47 -0.72 0.00	12.52 -0.35 0.00	8.03 -0.22 0.00	6.17 -0.16 0.00	7.18 -0.19 0.00	16.32 -0.45 0.00	21.48 -0.62 0.00	29.12 -0.81 0.00	54.70 -1.35 0.00	43.04 -0.99 0.00	46.17 -1.15 0.00	46.43 -1.23 0.00	44.82 -1.14 0.00	26.27 -0.67 0.00

OSWEGO___6 23613	35.20 -0.98 0.00	25.42 -0.66 0.00	28.32 -0.76 0.00	26.44 -0.70 0.00	26.03 -0.68 0.00	35.36 -0.90 0.00	48.87 -1.22 0.00	59.71 -1.46 0.00	46.26 -1.22 0.00	31.11 -0.88 0.00	25.47 -0.72 0.00	12.52 -0.35 0.00	8.03 -0.22 0.00	6.17 -0.16 0.00	7.18 -0.19 0.00	16.32 -0.45 0.00	21.48 -0.62 0.00	29.12 -0.81 0.00	54.70 -1.35 0.00	43.04 -0.99 0.00	46.17 -1.15 0.00	46.43 -1.23 0.00	44.82 -1.14 0.00	26.27 -0.67 0.00
OUTOKUMPU-AB___DRP 24206	29.30 -3.73 3.15	23.49 -2.59 0.00	25.86 -2.83 0.38	24.61 -2.53 0.00	20.61 -2.47 3.63	27.07 -3.12 6.06	34.65 -4.39 11.05	26.80 -6.44 27.92	16.38 -5.03 26.07	16.09 -3.73 12.17	17.88 -2.93 5.39	10.03 -1.49 1.36	7.33 -0.86 0.05	3.93 -0.63 1.78	3.55 -0.73 3.09	8.79 -1.78 6.20	12.04 -2.53 7.54	15.48 -3.27 11.19	15.69 -5.32 35.04	21.64 -3.81 18.57	23.83 -4.38 19.10	22.05 -4.84 20.77	13.70 -3.34 28.93	16.63 -2.46 7.86
OXBOW___BTM 323836	27.93 -4.10 4.14	22.98 -2.90 0.21	24.39 -3.15 1.53	21.73 -2.83 2.58	11.75 -2.76 12.20	19.19 -3.54 13.53	23.26 -4.94 21.89	26.37 -7.21 27.58	16.05 -5.65 25.77	16.01 -4.04 11.94	17.72 -3.20 5.28	9.92 -1.62 1.33	7.24 -0.95 0.05	3.90 -0.69 1.74	3.53 -0.81 3.03	8.73 -1.96 6.08	11.98 -2.73 7.39	15.41 -3.52 11.02	13.28 -6.02 36.75	11.90 -4.40 27.73	4.69 -4.99 37.63	16.64 -5.42 25.61	6.15 -3.98 35.83	16.09 -2.78 8.06
OXBOW___ 24026	28.93 -4.13 3.12	23.20 -2.89 0.00	25.54 -3.15 0.38	24.31 -2.83 0.00	20.36 -2.77 3.58	26.74 -3.54 5.98	34.25 -4.94 10.90	26.39 -7.19 27.58	16.13 -5.58 25.77	15.94 -4.12 11.94	17.68 -3.23 5.28	9.91 -1.63 1.33	7.24 -0.95 0.05	3.90 -0.69 1.74	3.53 -0.81 3.03	8.72 -1.98 6.08	11.93 -2.78 7.39	15.34 -3.64 10.96	15.19 -6.02 34.83	21.42 -4.34 18.26	23.62 -4.94 18.75	21.85 -5.39 20.42	13.46 -3.84 28.66	16.42 -2.76 7.76
OXY_CHEM_DSASP 323612	28.67 -4.42 3.08	22.97 -3.12 0.00	25.31 -3.40 0.37	24.09 -3.05 0.00	20.18 -3.00 3.53	26.50 -3.87 5.89	33.97 -5.38 10.74	26.14 -7.78 27.24	15.97 -6.04 25.46	15.86 -4.43 11.70	17.56 -3.47 5.17	9.82 -1.75 1.31	7.17 -1.03 0.05	3.88 -0.75 1.71	3.53 -0.88 2.96	8.68 -2.14 5.95	11.88 -2.98 7.24	15.27 -3.94 10.73	14.78 -6.65 34.62	21.27 -4.81 17.94	23.50 -5.43 18.39	21.75 -5.84 20.07	13.31 -4.26 28.39	16.28 -2.99 7.66
OZONE_PARK_ESR 323760	38.30 2.13 0.00	27.55 1.47 0.00	30.61 1.53 0.00	28.47 1.34 0.00	28.11 1.40 0.00	38.12 1.86 0.00	52.71 2.62 0.00	64.46 3.30 0.00	50.16 2.68 0.00	34.16 2.16 0.00	28.20 2.01 0.00	13.82 0.94 0.00	8.88 0.63 0.00	6.83 0.49 0.00	7.99 0.62 0.00	18.30 1.53 0.00	24.16 2.05 0.00	32.58 2.64 0.00	59.99 3.94 0.00	46.94 2.91 0.00	50.26 2.95 0.00	50.89 3.23 0.00	48.93 2.97 0.00	28.71 1.77 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.67 -4.42 3.08	22.97 -3.12 0.00	25.31 -3.40 0.37	24.09 -3.05 0.00	20.18 -3.00 3.53	26.50 -3.87 5.89	33.97 -5.38 10.74	26.14 -7.78 27.24	15.97 -6.04 25.46	15.86 -4.43 11.70	17.56 -3.47 5.17	9.82 -1.75 1.31	7.17 -1.03 0.05	3.88 -0.75 1.71	3.53 -0.88 2.96	8.68 -2.14 5.95	11.88 -2.98 7.24	15.27 -3.94 10.73	14.78 -6.65 34.62	21.27 -4.81 17.94	23.50 -5.43 18.39	21.75 -5.84 20.07	13.31 -4.26 28.39	16.28 -2.99 7.66
PACKARD___115KV_DUPONT_184 80571	27.65 -4.41 4.11	22.75 -3.12 0.21	24.16 -3.39 1.53	21.50 -3.05 2.59	11.55 -2.99 12.17	18.93 -3.87 13.46	22.98 -5.38 21.73	26.12 -7.80 27.24	15.91 -6.11 25.46	15.95 -4.34 11.70	17.59 -3.43 5.17	9.83 -1.74 1.31	7.17 -1.03 0.05	3.88 -0.75 1.71	3.53 -0.88 2.96	8.70 -2.13 5.95	11.93 -2.94 7.24	15.34 -3.81 10.79	12.87 -6.64 36.53	11.74 -4.87 27.41	4.57 -5.47 37.28	16.53 -5.87 25.25	5.97 -4.42 35.56	15.96 -3.02 7.96
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	38.15 1.98 0.00	27.46 1.37 0.00	30.47 1.40 0.00	28.36 1.22 0.00	28.04 1.33 0.00	37.93 1.68 0.00	52.48 2.39 0.00	64.08 2.92 0.00	49.95 2.47 0.00	34.01 2.01 0.00	28.07 1.87 -0.01	13.75 0.88 0.00	9.41 0.57 -0.58	6.80 0.46 0.00	7.94 0.57 0.00	18.18 1.41 0.00	23.98 1.87 0.00	32.28 2.34 0.00	59.46 3.41 0.00	46.58 2.55 0.00	49.88 2.56 0.00	50.49 2.82 -0.01	48.57 2.60 0.00	28.58 1.63 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.18 3.00 0.00	28.19 2.10 0.00	31.29 2.21 0.00	29.13 2.00 0.00	28.83 2.12 0.00	39.05 2.79 0.00	54.09 4.00 0.00	65.96 4.79 0.00	51.40 3.92 0.00	34.95 2.96 0.00	28.83 2.63 -0.01	14.11 1.24 0.00	9.65 0.81 -0.58	6.98 0.64 0.00	8.14 0.78 0.00	18.66 1.89 0.00	24.60 2.50 0.00	33.13 3.20 0.00	61.03 4.98 0.00	47.88 3.85 0.00	51.24 3.92 0.00	51.84 4.18 -0.01	49.91 3.94 0.00	29.33 2.38 -0.01
PATROON___115KV_TB1 80586	37.47 1.30 0.00	26.95 0.86 0.00	30.09 1.02 0.00	28.05 0.91 0.00	27.57 0.86 0.00	37.43 1.17 0.00	51.56 1.47 0.00	62.90 1.74 0.00	48.84 1.36 0.00	33.01 1.01 0.00	27.00 0.81 0.00	13.26 0.38 0.00	8.47 0.22 0.00	6.52 0.18 0.00	7.58 0.21 0.00	17.33 0.56 0.00	22.95 0.84 0.00	31.08 1.14 0.00	57.84 1.79 0.00	45.24 1.21 0.00	48.86 1.54 0.00	49.22 1.56 0.00	47.35 1.39 0.00	27.80 0.86 0.00
PATRSNVILLE___SOLAR 323815	37.09 0.91 0.00	26.73 0.65 0.00	29.81 0.74 0.00	27.79 0.66 0.00	27.38 0.67 0.00	37.17 0.91 0.00	51.40 1.31 0.00	62.76 1.60 0.00	48.51 1.03 0.00	32.38 0.38 0.00	26.35 0.16 0.00	12.92 0.04 0.00	8.26 0.01 0.00	6.35 0.01 0.00	7.38 0.02 0.00	16.84 0.07 0.00	22.28 0.17 0.00	30.42 0.49 0.00	57.39 1.34 0.00	45.15 1.12 0.00	48.59 1.27 0.00	48.90 1.24 0.00	47.09 1.13 0.00	27.58 0.64 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.11 -2.58 3.49	24.33 -1.76 0.00	26.74 -1.90 0.43	25.41 -1.72 0.00	21.20 -1.68 3.83	27.92 -2.05 6.28	34.98 -2.83 12.27	25.86 -4.33 30.97	15.12 -3.46 28.89	16.18 -2.56 13.26	18.37 -1.97 5.85	10.37 -1.03 1.48	7.62 -0.58 0.06	4.00 -0.40 1.93	3.54 -0.48 3.36	8.91 -1.13 6.74	12.37 -1.66 8.07	15.59 -2.30 12.05	17.85 -3.77 34.43	21.85 -2.46 19.72	23.45 -2.98 20.88	21.74 -3.34 22.59	12.73 -2.14 31.09	16.81 -1.65 8.48
PAWLING_115_KV_BK3_REV_LBMP_H 345028	37.99 1.81 0.00	27.32 1.23 0.00	30.37 1.29 0.00	28.25 1.12 0.00	27.89 1.18 0.00	37.86 1.60 0.00	52.36 2.27 0.00	64.06 2.90 0.00	49.80 2.33 0.00	33.79 1.80 0.00	27.82 1.63 0.00	13.62 0.75 0.00	8.73 0.48 0.00	6.72 0.38 0.00	7.84 0.47 0.00	17.96 1.18 0.00	23.74 1.64 0.00	32.11 2.17 0.00	59.31 3.26 0.00	46.45 2.43 0.00	49.81 2.49 0.00	50.29 2.63 0.00	48.34 2.38 0.00	28.35 1.41 0.00
PEEKSKILL___ 23653	37.64 1.46 0.00	27.07 0.99 0.00	30.10 1.03 0.00	28.00 0.86 0.00	27.64 0.93 0.00	37.46 1.20 0.00	51.78 1.69 0.00	63.34 2.17 0.00	49.24 1.77 0.00	33.46 1.47 0.00	27.60 1.40 0.00	13.52 0.65 0.00	8.68 0.43 0.00	6.68 0.34 0.00	7.81 0.44 0.00	17.88 1.11 0.00	23.60 1.49 0.00	31.85 1.91 0.00	58.78 2.73 0.00	46.02 1.99 0.00	49.31 2.00 0.00	49.85 2.19 0.00	47.98 2.02 0.00	28.13 1.19 0.00

PGE MADISON___WINDPWR 24146	37.56 0.77 -0.61	26.57 0.49 0.00	29.49 0.34 -0.08	27.60 0.46 0.00	27.97 0.64 -0.62	38.59 1.35 -0.97	54.46 2.31 -2.06	89.80 3.23 -25.40	58.89 1.10 -10.32	33.66 -0.39 -2.05	26.77 -0.31 -0.89	12.74 -0.36 -0.22	8.04 -0.18 -0.01	6.45 -0.17 -0.29	7.70 -0.30 -0.51	17.49 -0.47 -1.01	22.79 -0.47 -1.14	31.62 -0.07 -1.75	60.60 1.64 -2.90	48.41 1.73 -2.66	55.34 1.28 -6.74	54.07 0.99 -5.42	53.30 1.24 -6.11	29.18 0.69 -1.55
PIERCEFIELD___HYD 23852	35.92 -0.25 0.00	25.83 -0.26 0.00	28.88 -0.20 0.00	27.04 -0.10 0.00	26.56 -0.15 0.00	36.19 -0.07 0.00	50.29 0.20 0.00	61.60 0.43 0.00	47.80 0.33 0.00	32.15 0.15 0.00	26.18 -0.01 0.00	12.76 -0.11 0.00	8.13 -0.12 0.00	6.21 -0.13 0.00	7.16 -0.21 0.00	16.10 -0.68 0.00	21.25 -0.86 0.00	28.72 -1.22 0.00	54.50 -1.55 0.00	43.30 -0.72 0.00	46.41 -0.91 0.00	47.08 -0.58 0.00	45.38 -0.58 0.00	26.59 -0.35 0.00
PINELAWN_CC_1 323563	38.28 2.10 0.00	27.60 1.51 0.00	30.66 1.58 0.00	28.51 1.38 0.00	28.13 1.42 0.00	38.10 1.84 0.00	52.93 2.34 -0.50	63.57 2.40 0.00	49.38 1.90 0.00	33.73 1.73 0.00	27.92 1.73 0.00	13.62 0.75 0.00	8.97 0.48 -0.24	6.70 0.37 0.00	7.85 0.48 0.00	18.02 1.24 0.00	23.97 1.87 0.00	32.26 2.32 0.00	59.12 3.07 0.00	46.43 2.40 0.00	49.76 2.44 0.00	50.27 2.61 0.00	48.42 2.46 0.00	28.43 1.49 0.00
PJM_GEN_HTP_PROXY 323702	37.96 1.79 0.00	27.32 1.23 0.00	30.36 1.28 0.00	28.25 1.11 0.00	27.80 1.18 0.09	38.46 1.53 -0.67	52.50 2.14 -0.28	63.84 2.68 0.00	49.70 2.22 0.00	33.83 1.83 0.00	27.95 1.75 0.00	13.69 0.82 0.00	8.80 0.55 0.00	6.77 0.43 0.00	7.92 0.55 0.00	18.14 1.36 0.00	23.94 1.83 0.00	32.26 2.32 0.00	59.22 3.38 0.20	49.29 2.44 -2.82	49.77 2.46 0.00	50.39 2.73 0.00	48.48 2.52 0.00	28.44 1.50 0.00
PJM_GEN_KEystone 24065	32.70 -0.85 2.63	25.30 -0.57 0.21	27.01 -0.67 1.39	23.83 -0.68 2.63	15.02 -0.62 11.07	26.74 -0.81 8.71	33.20 -1.21 15.69	45.26 -1.75 14.16	33.55 -1.47 12.46	27.57 -0.79 3.63	24.22 -0.46 1.51	12.24 -0.25 0.38	7.80 -0.11 0.34	5.79 -0.05 0.49	6.47 -0.04 0.85	15.03 -0.02 1.72	19.88 -0.12 2.11	26.51 -0.26 3.17	42.84 -0.97 12.24	31.37 -0.75 11.91	20.92 -1.06 25.34	34.29 -1.05 12.32	25.16 -0.74 20.06	23.08 -0.45 3.42
PJM_GEN_NEPTUNE_PROXY 323594	37.81 1.64 0.00	27.25 1.17 0.00	30.28 1.20 0.00	28.16 1.03 0.00	27.70 1.07 0.09	38.29 1.36 -0.67	52.06 1.69 -0.28	62.88 1.72 0.00	48.92 1.44 0.00	33.44 1.44 0.00	27.68 1.49 0.00	13.53 0.65 0.00	8.91 0.42 -0.24	6.67 0.33 0.00	7.80 0.43 0.00	17.91 1.13 0.00	23.76 1.66 0.00	31.95 2.02 0.00	58.36 2.51 0.20	48.78 1.93 -2.82	49.27 1.95 0.00	49.76 2.11 0.00	47.93 1.97 0.00	28.15 1.21 0.00
PJM_GEN_VFT_PROXY 323633	37.85 1.68 0.00	27.25 1.16 0.00	30.28 1.20 0.00	28.18 1.04 0.00	27.73 1.11 0.09	38.34 1.40 -0.67	52.32 1.96 -0.28	63.64 2.48 0.00	49.54 2.07 0.00	33.72 1.72 0.00	27.88 1.69 0.00	13.67 0.79 0.00	6.98 0.54 1.81	6.77 0.43 0.00	7.91 0.54 0.00	18.12 1.35 0.00	23.91 1.81 0.00	32.21 2.27 0.00	59.08 3.23 0.20	49.21 2.36 -2.82	49.67 2.35 0.00	50.31 2.65 0.00	48.41 2.45 0.00	28.42 1.48 0.00
PLATSBURG_115KV_PMLD1 355749	35.80 -0.37 0.00	25.71 -0.37 0.00	28.77 -0.31 0.00	26.95 -0.19 0.00	26.54 -0.17 0.00	36.22 -0.04 0.00	50.22 0.13 0.00	61.45 0.29 0.00	47.82 0.34 0.00	32.24 0.24 0.00	26.10 -0.10 0.00	12.71 -0.16 0.00	8.17 -0.08 0.00	6.24 -0.10 0.00	7.23 -0.13 0.00	16.40 -0.38 0.00	21.65 -0.46 0.00	29.21 -0.73 0.00	54.98 -1.07 0.00	43.33 -0.70 0.00	46.69 -0.62 0.00	47.11 -0.55 0.00	45.33 -0.63 0.00	26.59 -0.34 0.00
PLEASANTVLY___LBMP 24000	37.50 1.33 0.00	26.96 0.88 0.00	29.97 0.89 0.00	27.89 0.75 0.00	27.51 0.80 0.00	37.31 1.05 0.00	51.55 1.46 0.00	63.04 1.87 0.00	49.00 1.52 0.00	33.30 1.30 0.00	27.43 1.24 0.00	13.44 0.56 0.00	8.61 0.36 0.00	6.62 0.29 0.00	7.74 0.37 0.00	17.72 0.94 0.00	23.40 1.29 0.00	31.61 1.67 0.00	58.36 2.31 0.00	45.68 1.65 0.00	49.04 1.72 0.00	49.54 1.88 0.00	47.63 1.67 0.00	27.97 1.03 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	37.87 1.69 0.00	27.23 1.15 0.00	30.26 1.18 0.00	28.16 1.02 0.00	27.78 1.07 0.00	37.68 1.42 0.00	52.11 2.02 0.00	63.71 2.54 0.00	49.54 2.07 0.00	33.69 1.70 0.00	27.78 1.59 0.00	13.61 0.74 0.00	8.73 0.48 0.00	6.72 0.38 0.00	7.85 0.48 0.00	17.98 1.21 0.00	23.75 1.64 0.00	32.06 2.12 0.00	59.12 3.07 0.00	46.30 2.27 0.00	49.65 2.33 0.00	50.15 2.49 0.00	48.22 2.26 0.00	28.29 1.35 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	37.87 1.69 0.00	27.23 1.15 0.00	30.26 1.18 0.00	28.16 1.02 0.00	27.78 1.07 0.00	37.68 1.42 0.00	52.11 2.02 0.00	63.71 2.54 0.00	49.54 2.07 0.00	33.69 1.70 0.00	27.78 1.59 0.00	13.61 0.74 0.00	8.73 0.48 0.00	6.72 0.38 0.00	7.85 0.48 0.00	17.98 1.21 0.00	23.75 1.64 0.00	32.06 2.12 0.00	59.12 3.07 0.00	46.30 2.27 0.00	49.65 2.33 0.00	50.15 2.49 0.00	48.22 2.26 0.00	28.29 1.35 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	37.78 1.61 0.00	27.16 1.08 0.00	30.21 1.13 0.00	28.11 0.98 0.00	27.73 1.02 0.00	37.62 1.36 0.00	52.03 1.94 0.00	63.61 2.44 0.00	49.41 1.94 0.00	33.48 1.48 0.00	27.53 1.33 0.00	13.48 0.60 0.00	8.63 0.38 0.00	6.64 0.30 0.00	7.74 0.37 0.00	17.73 0.96 0.00	23.45 1.35 0.00	31.75 1.81 0.00	58.80 2.75 0.00	46.04 2.01 0.00	49.45 2.13 0.00	49.92 2.26 0.00	47.98 2.02 0.00	28.16 1.22 0.00
POLETTI___ 23519	37.98 1.81 0.00	27.34 1.25 0.00	30.38 1.30 0.00	28.26 1.12 0.00	27.90 1.19 0.00	37.81 1.55 0.00	52.25 2.16 0.00	63.86 2.69 0.00	49.69 2.21 0.00	33.87 1.87 0.00	27.97 1.78 0.00	13.71 0.84 0.00	8.81 0.56 0.00	6.78 0.44 0.00	7.93 0.56 0.00	18.16 1.39 0.00	23.97 1.86 0.00	32.31 2.37 0.00	59.45 3.40 0.00	46.50 2.48 0.00	49.80 2.48 0.00	50.46 2.79 0.00	48.52 2.56 0.00	28.49 1.55 0.00
POMONA___ESR 323819	37.60 1.42 0.00	27.04 0.95 0.00	30.08 1.00 0.00	27.98 0.84 0.00	27.62 0.91 0.00	37.43 1.17 0.00	51.75 1.66 0.00	63.33 2.17 0.00	49.19 1.72 0.00	33.42 1.42 0.00	27.56 1.37 0.00	13.50 0.62 0.00	8.67 0.41 0.00	6.67 0.33 0.00	7.80 0.43 0.00	17.87 1.09 0.00	23.57 1.47 0.00	31.81 1.87 0.00	58.74 2.69 0.00	45.98 1.96 0.00	49.26 1.95 0.00	49.79 2.13 0.00	47.94 1.98 0.00	28.11 1.17 0.00
PORT_JEFF_3 23555	38.32 2.14 0.00	27.67 1.59 0.00	30.74 1.66 0.00	28.59 1.45 0.00	28.21 1.50 0.00	38.20 1.94 0.00	54.66 2.38 -2.19	63.40 2.24 0.00	49.22 1.74 0.00	33.67 1.67 0.00	27.90 1.71 0.00	13.60 0.73 0.00	8.96 0.47 -0.24	6.69 0.35 0.00	7.83 0.46 0.00	18.00 1.23 0.00	24.00 1.89 0.00	32.34 2.40 0.00	59.17 3.12 0.00	46.42 2.39 0.00	49.79 2.48 0.00	50.24 2.58 0.00	48.38 2.42 0.00	28.38 1.44 0.00

PORT_JEFF_4 23616	38.32 2.14 0.00	27.67 1.59 0.00	30.74 1.66 0.00	28.59 1.45 0.00	28.21 1.50 0.00	38.20 1.94 0.00	54.66 2.38 -2.19	63.40 2.24 0.00	49.22 1.74 0.00	33.67 1.67 0.00	27.90 1.71 0.00	13.60 0.73 0.00	8.96 0.47 -0.24	6.69 0.35 0.00	7.83 0.46 0.00	18.00 1.23 0.00	24.00 1.89 0.00	32.34 2.40 0.00	59.17 3.12 0.00	46.42 2.39 0.00	49.79 2.48 0.00	50.24 2.58 0.00	48.38 2.42 0.00	28.38 1.44 0.00
PORT_JEFF_IC 23713	38.34 2.16 0.00	27.70 1.61 0.00	30.77 1.69 0.00	28.61 1.48 0.00	28.24 1.53 0.00	38.25 1.99 0.00	54.34 2.44 -1.81	63.43 2.27 0.00	49.21 1.74 0.00	33.70 1.70 0.00	27.93 1.73 0.00	13.61 0.73 0.00	8.96 0.47 -0.24	6.69 0.35 0.00	7.83 0.46 0.00	18.01 1.23 0.00	24.02 1.91 0.00	32.38 2.44 0.00	59.22 3.17 0.00	46.47 2.44 0.00	49.82 2.50 0.00	50.27 2.61 0.00	48.37 2.41 0.00	28.38 1.44 0.00
PPL_PILGRIM_ST_GT1 24216	38.42 2.24 0.00	27.71 1.63 0.00	30.79 1.71 0.00	28.64 1.50 0.00	28.24 1.53 0.00	38.25 1.99 0.00	54.62 2.47 -2.06	63.45 2.29 0.00	49.35 1.87 0.00	33.77 1.77 0.00	28.00 1.81 0.00	13.65 0.78 0.00	8.99 0.50 -0.24	6.72 0.38 0.00	7.86 0.49 0.00	18.07 1.30 0.00	24.07 1.96 0.00	32.41 2.47 0.00	59.27 3.22 0.00	46.51 2.49 0.00	49.85 2.53 0.00	50.38 2.72 0.00	48.54 2.58 0.00	28.51 1.57 0.00
PPL_PILGRIM_ST_GT2 24217	38.42 2.24 0.00	27.71 1.63 0.00	30.79 1.71 0.00	28.64 1.50 0.00	28.24 1.53 0.00	38.25 1.99 0.00	54.62 2.47 -2.06	63.45 2.29 0.00	49.35 1.87 0.00	33.77 1.77 0.00	28.00 1.81 0.00	13.65 0.78 0.00	8.99 0.50 -0.24	6.72 0.38 0.00	7.86 0.49 0.00	18.07 1.30 0.00	24.07 1.96 0.00	32.41 2.47 0.00	59.27 3.22 0.00	46.51 2.49 0.00	49.85 2.53 0.00	50.38 2.72 0.00	48.54 2.58 0.00	28.51 1.57 0.00
PPL_SHRM_GT3 24213	38.40 2.23 0.00	27.82 1.74 0.00	30.92 1.84 0.00	28.76 1.63 0.00	28.39 1.69 0.00	38.46 2.20 0.00	54.68 2.50 -2.10	63.34 2.17 0.00	49.17 1.70 0.00	33.62 1.62 0.00	27.88 1.68 0.00	13.57 0.69 0.00	8.95 0.46 -0.24	6.66 0.32 0.00	7.79 0.43 0.00	17.95 1.17 0.00	24.03 1.92 0.00	32.45 2.51 0.00	59.42 3.37 0.00	46.57 2.54 0.00	50.00 2.69 0.00	50.25 2.59 0.00	48.33 2.37 0.00	28.24 1.29 0.00
PPL_SHRM_GT4 24214	38.40 2.23 0.00	27.82 1.74 0.00	30.92 1.84 0.00	28.76 1.63 0.00	28.39 1.69 0.00	38.46 2.20 0.00	54.68 2.50 -2.10	63.34 2.17 0.00	49.17 1.70 0.00	33.62 1.62 0.00	27.88 1.68 0.00	13.57 0.69 0.00	8.95 0.46 -0.24	6.66 0.32 0.00	7.79 0.43 0.00	17.95 1.17 0.00	24.03 1.92 0.00	32.45 2.51 0.00	59.42 3.37 0.00	46.57 2.54 0.00	50.00 2.69 0.00	50.25 2.59 0.00	48.33 2.37 0.00	28.24 1.29 0.00
PROJECT__ORANGE 1 24174	35.55 -0.63 0.00	25.68 -0.41 0.00	28.58 -0.50 0.00	26.68 -0.45 0.00	26.29 -0.42 0.00	35.73 -0.53 0.00	49.52 -0.57 0.00	60.52 -0.64 0.00	46.84 -0.64 0.00	31.48 -0.52 0.00	25.75 -0.44 0.00	12.66 -0.21 0.00	8.12 -0.13 0.00	6.24 -0.09 0.00	7.26 -0.11 0.00	16.52 -0.25 0.00	21.75 -0.36 0.00	29.54 -0.40 0.00	55.49 -0.56 0.00	43.64 -0.38 0.00	46.79 -0.53 0.00	47.03 -0.63 0.00	45.40 -0.56 0.00	26.59 -0.35 0.00
PROJECT__ORANGE 2 24166	35.55 -0.63 0.00	25.68 -0.41 0.00	28.58 -0.50 0.00	26.68 -0.45 0.00	26.29 -0.42 0.00	35.73 -0.53 0.00	49.52 -0.57 0.00	60.52 -0.64 0.00	46.84 -0.64 0.00	31.48 -0.52 0.00	25.75 -0.44 0.00	12.66 -0.21 0.00	8.12 -0.13 0.00	6.24 -0.09 0.00	7.26 -0.11 0.00	16.52 -0.25 0.00	21.75 -0.36 0.00	29.54 -0.40 0.00	55.49 -0.56 0.00	43.64 -0.38 0.00	46.79 -0.53 0.00	47.03 -0.63 0.00	45.40 -0.56 0.00	26.59 -0.35 0.00
PUCKETT__SOLAR 323809	38.71 -0.27 -2.80	26.04 -0.13 -0.08	29.71 -0.17 -0.80	27.98 -0.12 -0.97	30.92 -0.06 -4.28	39.84 0.11 -3.47	60.41 0.14 -10.18	66.81 0.38 -5.26	59.41 -0.16 -12.09	32.33 -0.43 -0.76	25.78 -0.42 0.00	12.63 -0.24 0.00	8.10 -0.15 0.00	6.23 -0.11 0.00	7.23 -0.14 0.00	16.46 -0.31 0.00	21.61 -0.46 0.03	29.52 -0.41 0.01	56.61 -0.15 -0.71	47.65 0.13 -3.49	54.64 -0.16 -7.49	55.25 -0.31 -7.90	80.64 -0.31 -34.90	33.09 -0.10 -6.25
PYRITES__HYD 24023	36.55 0.38 0.00	26.29 0.20 0.00	29.40 0.32 0.00	27.51 0.37 0.00	27.04 0.33 0.00	36.87 0.61 0.00	51.32 1.24 0.00	62.86 1.69 0.00	48.71 1.24 0.00	32.71 0.72 0.00	26.62 0.42 0.00	12.94 0.07 0.00	8.24 -0.02 0.00	6.28 -0.05 0.00	7.26 -0.11 0.00	16.36 -0.42 0.00	21.54 -0.57 0.00	29.04 -0.90 0.00	55.45 -0.60 0.00	44.28 0.25 0.00	47.50 0.19 0.00	48.07 0.41 0.00	46.28 0.32 0.00	27.12 0.18 0.00
QUAKERRD_115KV_BK1 80622	32.50 -2.33 1.35	24.44 -1.65 0.00	27.03 -1.84 0.20	25.47 -1.67 0.00	24.51 -1.63 0.58	33.83 -2.08 0.35	43.91 -2.76 3.43	46.51 -3.64 11.02	35.49 -2.91 9.07	29.36 -2.21 0.43	24.36 -1.83 0.00	11.95 -0.92 0.00	7.70 -0.55 0.00	5.92 -0.42 0.00	6.88 -0.49 0.00	15.60 -1.18 0.00	20.04 -1.57 0.50	27.54 -2.04 0.35	22.47 -3.10 30.47	37.66 -2.28 4.09	43.00 -2.63 1.69	40.96 -2.87 3.83	26.68 -2.36 16.92	22.14 -1.57 3.22
QUENSBRY_115KV_TB8 356137	37.69 1.51 0.00	27.03 0.94 0.00	30.11 1.03 0.00	28.08 0.94 0.00	27.63 0.92 0.00	37.70 1.44 0.00	52.19 2.10 0.00	63.72 2.56 0.00	49.29 1.81 0.00	33.09 1.09 0.00	26.80 0.60 0.00	13.04 0.16 0.00	8.28 0.03 0.00	6.36 0.02 0.00	7.40 0.04 0.00	16.97 0.20 0.00	22.69 0.58 0.00	31.11 1.17 0.00	58.35 2.31 0.00	45.59 1.56 0.00	49.48 2.17 0.00	49.67 2.01 0.00	47.56 1.60 0.00	27.82 0.88 0.00
RAMAPO__LBMP 323565	37.44 1.27 0.00	26.93 0.85 0.00	29.96 0.89 0.00	27.86 0.73 0.00	27.51 0.80 0.00	37.28 1.02 0.00	51.53 1.44 0.00	63.06 1.90 0.00	48.98 1.50 0.00	33.28 1.29 0.00	27.43 1.23 0.00	13.44 0.56 0.00	8.63 0.38 0.00	6.64 0.31 0.00	7.77 0.40 0.00	17.78 1.01 0.00	23.46 1.35 0.00	31.65 1.71 0.00	58.45 2.40 0.00	45.76 1.73 0.00	49.02 1.70 0.00	49.55 1.89 0.00	47.69 1.73 0.00	27.97 1.03 0.00
RANKINE____ 23646	29.33 -3.34 3.51	23.79 -2.30 0.00	26.14 -2.52 0.42	24.86 -2.28 0.00	20.31 -2.23 4.17	26.41 -2.81 7.04	33.58 -3.92 12.58	24.04 -5.84 31.28	13.52 -4.58 29.38	14.19 -3.38 14.43	17.13 -2.64 6.42	9.91 -1.34 1.62	7.41 -0.77 0.06	3.65 -0.57 2.12	3.03 -0.66 3.68	7.80 -1.59 7.39	11.03 -2.26 8.82	13.78 -2.97 13.19	14.59 -4.77 36.69	19.26 -3.31 21.46	20.97 -3.87 22.48	19.26 -4.33 24.07	11.56 -3.04 31.35	15.94 -2.23 8.77
RAVENSWOOD_GT2_1 24244	37.99 1.82 0.00	27.35 1.27 0.00	30.38 1.31 0.00	28.27 1.14 0.00	27.91 1.20 0.00	37.83 1.57 0.00	52.26 2.17 0.00	63.86 2.70 0.00	49.69 2.22 0.00	33.86 1.86 0.00	27.97 1.77 0.00	13.71 0.83 0.00	9.06 0.55 -0.26	6.78 0.44 0.00	7.92 0.55 0.00	18.15 1.38 0.00	23.96 1.85 0.00	32.28 2.35 0.00	59.41 3.36 0.00	46.49 2.46 0.00	49.77 2.45 0.00	50.40 2.74 0.00	48.47 2.51 0.00	28.46 1.52 0.00

RAVENSWOOD_GT2_2 24245	37.99 1.82 0.00	27.35 1.27 0.00	30.38 1.31 0.00	28.27 1.14 0.00	27.91 1.20 0.00	37.83 1.57 0.00	52.26 2.17 0.00	63.86 2.70 0.00	49.69 2.22 0.00	33.86 1.86 0.00	27.97 1.77 0.00	13.71 0.83 0.00	9.06 0.55 -0.26	6.78 0.44 0.00	7.92 0.55 0.00	18.15 1.38 0.00	23.96 1.85 0.00	32.28 2.35 0.00	59.41 3.36 0.00	46.49 2.46 0.00	49.77 2.45 0.00	50.40 2.74 0.00	48.47 2.51 0.00	28.46 1.52 0.00
RAVENSWOOD_GT2_3 24246	38.02 1.84 0.00	27.36 1.27 0.00	30.40 1.32 0.00	28.28 1.14 0.00	27.92 1.21 0.00	37.84 1.58 0.00	52.28 2.19 0.00	63.89 2.73 0.00	49.72 2.24 0.00	33.88 1.88 0.00	27.98 1.79 0.00	13.71 0.84 0.00	9.07 0.56 -0.26	6.78 0.44 0.00	7.92 0.56 0.00	18.15 1.38 0.00	23.96 1.85 0.00	32.29 2.35 0.00	59.45 3.40 0.00	46.50 2.47 0.00	49.80 2.48 0.00	50.42 2.76 0.00	48.49 2.53 0.00	28.47 1.52 0.00
RAVENSWOOD_GT2_4 24247	38.02 1.84 0.00	27.36 1.27 0.00	30.40 1.32 0.00	28.28 1.14 0.00	27.92 1.21 0.00	37.84 1.58 0.00	52.28 2.19 0.00	63.89 2.73 0.00	49.72 2.24 0.00	33.88 1.88 0.00	27.98 1.79 0.00	13.71 0.84 0.00	9.07 0.56 -0.26	6.78 0.44 0.00	7.92 0.56 0.00	18.15 1.38 0.00	23.96 1.85 0.00	32.29 2.35 0.00	59.45 3.40 0.00	46.50 2.47 0.00	49.80 2.48 0.00	50.42 2.76 0.00	48.49 2.53 0.00	28.47 1.52 0.00
RAVENSWOOD_GT3_1 24248	38.00 1.82 0.00	27.35 1.27 0.00	30.38 1.31 0.00	28.27 1.14 0.00	27.91 1.20 0.00	37.83 1.57 0.00	52.26 2.17 0.00	63.86 2.70 0.00	49.69 2.22 0.00	33.86 1.86 0.00	27.97 1.77 0.00	13.71 0.84 0.00	9.06 0.55 -0.26	6.78 0.44 0.00	7.92 0.55 0.00	18.15 1.38 0.00	23.96 1.85 0.00	32.28 2.35 0.00	59.41 3.36 0.00	46.49 2.46 0.00	49.77 2.45 0.00	50.40 2.75 0.00	48.47 2.51 0.00	28.46 1.52 0.00
RAVENSWOOD_GT3_2 24249	38.00 1.82 0.00	27.35 1.27 0.00	30.38 1.31 0.00	28.27 1.14 0.00	27.91 1.20 0.00	37.83 1.57 0.00	52.26 2.17 0.00	63.86 2.70 0.00	49.69 2.22 0.00	33.86 1.86 0.00	27.97 1.77 0.00	13.71 0.84 0.00	9.06 0.55 -0.26	6.78 0.44 0.00	7.92 0.55 0.00	18.15 1.38 0.00	23.96 1.85 0.00	32.28 2.35 0.00	59.41 3.36 0.00	46.49 2.46 0.00	49.77 2.45 0.00	50.40 2.75 0.00	48.47 2.51 0.00	28.46 1.52 0.00
RAVENSWOOD_GT3_3 24250	38.04 1.87 0.00	27.38 1.29 0.00	30.42 1.34 0.00	28.30 1.17 0.00	27.94 1.23 0.00	37.88 1.62 0.00	52.33 2.24 0.00	63.95 2.78 0.00	49.77 2.29 0.00	33.91 1.91 0.00	28.01 1.82 0.00	13.72 0.85 0.00	9.08 0.57 -0.26	6.79 0.45 0.00	7.93 0.56 0.00	18.18 1.40 0.00	23.99 1.88 0.00	32.33 2.39 0.00	59.51 3.46 0.00	46.55 2.52 0.00	49.85 2.54 0.00	50.48 2.81 0.00	48.54 2.58 0.00	28.49 1.55 0.00
RAVENSWOOD_GT3_4 24251	38.04 1.87 0.00	27.38 1.29 0.00	30.42 1.34 0.00	28.30 1.17 0.00	27.94 1.23 0.00	37.88 1.62 0.00	52.33 2.24 0.00	63.95 2.78 0.00	49.77 2.29 0.00	33.91 1.91 0.00	28.01 1.82 0.00	13.72 0.85 0.00	9.08 0.57 -0.26	6.79 0.45 0.00	7.93 0.56 0.00	18.18 1.40 0.00	23.99 1.88 0.00	32.33 2.39 0.00	59.51 3.46 0.00	46.55 2.52 0.00	49.85 2.54 0.00	50.48 2.81 0.00	48.54 2.58 0.00	28.49 1.55 0.00
RAVENSWOOD_GT_1 23729	38.15 1.97 0.00	27.44 1.36 0.00	30.45 1.37 0.00	28.33 1.20 0.00	28.02 1.31 0.00	37.95 1.69 0.00	52.45 2.36 0.00	64.07 2.91 0.00	49.92 2.44 0.00	34.03 2.04 0.00	28.12 1.91 -0.01	13.77 0.90 0.00	13.76 0.60 -4.91	6.81 0.48 0.00	7.96 0.59 0.00	18.24 1.46 0.00	24.06 1.96 0.00	32.41 2.47 0.00	59.63 3.58 0.00	46.67 2.65 0.00	49.96 2.65 0.00	50.63 2.97 -0.01	48.68 2.71 0.00	28.59 1.65 -0.01
RAVENSWOOD_GT_10 24258	37.99 1.82 0.00	27.35 1.26 0.00	30.38 1.30 0.00	28.27 1.13 0.00	27.91 1.20 0.00	37.82 1.56 0.00	52.26 2.17 0.00	63.86 2.70 0.00	49.68 2.21 0.00	33.86 1.86 0.00	27.96 1.77 0.00	13.71 0.83 0.00	9.60 0.55 -0.79	6.77 0.44 0.00	7.92 0.55 0.00	18.14 1.37 0.00	23.95 1.84 0.00	32.28 2.34 0.00	59.41 3.36 0.00	46.48 2.45 0.00	49.76 2.45 0.00	50.40 2.74 0.00	48.46 2.51 0.00	28.46 1.52 0.00
RAVENSWOOD_GT_11 24259	37.99 1.82 0.00	27.35 1.26 0.00	30.38 1.30 0.00	28.27 1.13 0.00	27.91 1.20 0.00	37.82 1.56 0.00	52.26 2.17 0.00	63.86 2.70 0.00	49.68 2.21 0.00	33.86 1.86 0.00	27.96 1.77 0.00	13.71 0.83 0.00	9.60 0.55 -0.79	6.77 0.44 0.00	7.92 0.55 0.00	18.14 1.37 0.00	23.95 1.84 0.00	32.28 2.34 0.00	59.41 3.36 0.00	46.48 2.45 0.00	49.76 2.45 0.00	50.40 2.74 0.00	48.46 2.51 0.00	28.46 1.52 0.00
RAVENSWOOD_GT_4 24252	38.03 1.85 0.00	27.36 1.28 0.00	30.39 1.31 0.00	28.28 1.14 0.00	27.94 1.22 0.00	37.85 1.59 0.00	52.30 2.21 0.00	63.91 2.74 0.00	49.74 2.26 0.00	33.90 1.90 0.00	28.01 1.81 -0.01	13.72 0.85 0.00	11.55 0.57 -2.74	6.79 0.45 0.00	7.93 0.56 0.00	18.17 1.40 0.00	23.98 1.87 0.00	32.31 2.37 0.00	59.47 3.42 0.00	46.52 2.49 0.00	49.82 2.50 0.00	50.46 2.79 -0.01	48.52 2.56 0.00	28.49 1.55 -0.01
RAVENSWOOD_GT_5 24254	38.03 1.85 0.00	27.36 1.28 0.00	30.39 1.31 0.00	28.28 1.14 0.00	27.94 1.22 0.00	37.85 1.59 0.00	52.30 2.21 0.00	63.91 2.74 0.00	49.74 2.26 0.00	33.90 1.90 0.00	28.01 1.81 -0.01	13.72 0.85 0.00	11.55 0.57 -2.74	6.79 0.45 0.00	7.93 0.56 0.00	18.17 1.40 0.00	23.98 1.87 0.00	32.31 2.37 0.00	59.47 3.42 0.00	46.52 2.49 0.00	49.82 2.50 0.00	50.46 2.79 -0.01	48.52 2.56 0.00	28.49 1.55 -0.01
RAVENSWOOD_GT_6 24253	38.03 1.85 0.00	27.36 1.28 0.00	30.39 1.31 0.00	28.28 1.14 0.00	27.94 1.22 0.00	37.85 1.59 0.00	52.30 2.21 0.00	63.91 2.74 0.00	49.74 2.26 0.00	33.90 1.90 0.00	28.01 1.81 -0.01	13.72 0.85 0.00	11.55 0.57 -2.74	6.79 0.45 0.00	7.93 0.56 0.00	18.17 1.40 0.00	23.98 1.87 0.00	32.31 2.37 0.00	59.47 3.42 0.00	46.52 2.49 0.00	49.82 2.50 0.00	50.46 2.79 -0.01	48.52 2.56 0.00	28.49 1.55 -0.01
RAVENSWOOD_GT_7 24255	38.03 1.85 0.00	27.36 1.28 0.00	30.39 1.31 0.00	28.28 1.14 0.00	27.94 1.22 0.00	37.85 1.59 0.00	52.30 2.21 0.00	63.91 2.74 0.00	49.74 2.26 0.00	33.90 1.90 0.00	28.01 1.81 -0.01	13.72 0.85 0.00	11.55 0.57 -2.74	6.79 0.45 0.00	7.93 0.56 0.00	18.17 1.40 0.00	23.98 1.87 0.00	32.31 2.37 0.00	59.47 3.42 0.00	46.52 2.49 0.00	49.82 2.50 0.00	50.46 2.79 -0.01	48.52 2.56 0.00	28.49 1.55 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.99 1.82 0.00	27.35 1.26 0.00	30.38 1.30 0.00	28.27 1.13 0.00	27.91 1.20 0.00	37.82 1.56 0.00	52.26 2.17 0.00	63.86 2.70 0.00	49.68 2.21 0.00	33.86 1.86 0.00	27.96 1.77 0.00	13.71 0.83 0.00	9.60 0.55 -0.79	6.77 0.44 0.00	7.92 0.55 0.00	18.14 1.37 0.00	23.95 1.84 0.00	32.28 2.34 0.00	59.41 3.36 0.00	46.48 2.45 0.00	49.76 2.45 0.00	50.40 2.74 0.00	48.46 2.51 0.00	28.46 1.52 0.00

RAVENSWOOD_GT_9 24257	37.99 1.82 0.00	27.35 1.26 0.00	30.38 1.30 0.00	28.27 1.13 0.00	27.91 1.20 0.00	37.82 1.56 0.00	52.26 2.17 0.00	63.86 2.70 0.00	49.68 2.21 0.00	33.86 1.86 0.00	27.96 1.77 0.00	13.71 0.83 0.00	9.60 0.55 -0.79	6.77 0.44 0.00	7.92 0.55 0.00	18.14 1.37 0.00	23.95 1.84 0.00	32.28 2.34 0.00	59.41 3.36 0.00	46.48 2.45 0.00	49.76 2.45 0.00	50.40 2.74 0.00	48.46 2.51 0.00	28.46 1.52 0.00
RAVENSWOOD___1 23533	38.10 1.92 0.00	27.41 1.32 0.00	30.41 1.33 0.00	28.29 1.16 0.00	27.98 1.27 0.00	37.90 1.64 0.00	52.39 2.30 0.00	64.03 2.86 0.00	49.88 2.40 0.00	33.97 1.97 0.00	28.07 1.88 -0.01	13.76 0.89 0.00	11.24 0.59 -2.40	6.81 0.47 0.00	7.95 0.59 0.00	18.22 1.45 0.00	24.04 1.93 0.00	32.37 2.43 0.00	59.59 3.54 0.00	46.63 2.60 0.00	49.91 2.60 0.00	50.58 2.91 -0.01	48.66 2.70 0.00	28.56 1.61 -0.01
RAVENSWOOD___2 23534	38.10 1.92 0.00	27.41 1.32 0.00	30.41 1.33 0.00	28.29 1.16 0.00	27.98 1.27 0.00	37.90 1.64 0.00	52.39 2.30 0.00	64.03 2.86 0.00	49.88 2.40 0.00	33.97 1.97 0.00	28.07 1.88 -0.01	13.76 0.89 0.00	11.24 0.59 -2.40	6.81 0.47 0.00	7.95 0.59 0.00	18.22 1.45 0.00	24.04 1.93 0.00	32.37 2.43 0.00	59.59 3.54 0.00	46.63 2.60 0.00	49.91 2.60 0.00	50.58 2.91 -0.01	48.66 2.70 0.00	28.56 1.61 -0.01
RAVENSWOOD___3 23535	38.00 1.82 0.00	27.35 1.27 0.00	30.38 1.31 0.00	28.27 1.14 0.00	27.91 1.21 0.00	37.82 1.56 0.00	52.26 2.17 0.00	63.89 2.72 0.00	49.71 2.23 0.00	33.85 1.85 0.00	27.96 1.77 0.00	13.71 0.84 0.00	9.60 0.55 -0.26	6.78 0.44 0.00	7.92 0.55 0.00	18.15 1.38 0.00	23.95 1.84 0.00	32.27 2.34 0.00	59.44 3.39 0.00	46.50 2.48 0.00	49.79 2.47 0.00	50.41 2.75 0.00	48.52 2.56 0.00	28.47 1.53 0.00
RAVENSWOOD___4 23820	38.10 1.92 0.00	27.41 1.32 0.00	30.41 1.33 0.00	28.29 1.16 0.00	27.98 1.27 0.00	37.90 1.64 0.00	52.39 2.30 0.00	64.03 2.86 0.00	49.88 2.40 0.00	33.97 1.97 0.00	28.07 1.88 -0.01	13.76 0.89 0.00	11.24 0.59 -2.40	6.81 0.47 0.00	7.95 0.59 0.00	18.22 1.45 0.00	24.04 1.93 0.00	32.37 2.43 0.00	59.59 3.54 0.00	46.63 2.60 0.00	49.91 2.60 0.00	50.58 2.91 -0.01	48.66 2.70 0.00	28.56 1.61 -0.01
RCPI_TRUST___DRP 24196	37.97 1.80 0.00	27.33 1.24 0.00	30.37 1.29 0.00	28.25 1.11 0.00	27.88 1.17 0.00	37.79 1.53 0.00	52.22 2.13 0.00	63.84 2.67 0.00	49.67 2.20 0.00	33.84 1.84 0.00	27.95 1.76 0.00	13.69 0.82 0.00	8.80 0.55 0.00	6.77 0.43 0.00	7.92 0.55 0.00	18.14 1.36 0.00	23.94 1.83 0.00	32.26 2.33 0.00	59.40 3.35 0.00	46.46 2.44 0.00	49.93 2.61 0.00	50.69 3.03 0.00	48.74 2.77 0.00	28.60 1.66 0.00
RED___ROCHESTER 323720	32.65 -1.61 1.92	24.86 -1.14 0.09	27.09 -1.26 0.72	24.90 -1.13 1.10	21.30 -1.09 4.33	31.34 -1.30 3.62	40.07 -1.65 8.37	46.37 -2.35 12.44	35.41 -1.94 10.12	29.94 -1.58 0.48	24.86 -1.34 0.00	12.19 -0.69 0.00	7.86 -0.39 0.00	6.05 -0.29 0.00	7.03 -0.34 0.00	15.93 -0.85 0.00	20.59 -1.14 0.38	28.25 -1.41 0.28	28.36 -1.81 25.87	35.45 -1.26 7.32	35.97 -1.55 9.80	39.46 -1.85 6.35	23.27 -1.34 21.35	22.28 -1.03 3.62
REGAN___SOLAR 323812	37.61 1.44 0.00	27.14 1.06 0.00	30.28 1.21 0.00	28.23 1.09 0.00	27.83 1.12 0.00	37.85 1.59 0.00	52.60 2.51 0.00	64.31 3.15 0.00	49.38 1.90 0.00	32.12 0.12 0.00	25.88 -0.32 0.00	12.63 -0.25 0.00	8.07 -0.17 0.00	6.19 -0.14 0.00	7.20 -0.17 0.00	16.41 -0.36 0.00	21.74 -0.37 0.00	30.15 0.21 0.00	58.16 2.11 0.00	46.18 2.15 0.00	49.58 2.26 0.00	49.77 2.11 0.00	47.96 1.99 0.00	28.02 1.08 0.00
RENSSELAER___COGEN 23796	37.32 1.14 0.00	26.84 0.75 0.00	29.97 0.89 0.00	27.93 0.80 0.00	27.46 0.74 0.00	37.27 1.01 0.00	51.29 1.20 0.00	62.57 1.41 0.00	48.61 1.13 0.00	32.86 0.86 0.00	26.89 0.70 0.00	13.21 0.33 0.00	8.44 0.19 0.00	6.49 0.15 0.00	7.56 0.19 0.00	17.26 0.49 0.00	22.84 0.73 0.00	30.90 0.97 0.00	57.51 1.46 0.00	45.00 0.97 0.00	48.61 1.29 0.00	48.98 1.32 0.00	47.15 1.19 0.00	27.67 0.73 0.00
REPUBLIC_115KV_BARTNBRK 55605	38.80 2.62 0.00	27.71 1.63 0.00	30.73 1.65 0.00	28.65 1.51 0.00	28.21 1.49 0.00	38.78 2.52 0.00	54.01 3.92 0.00	65.93 4.77 0.00	50.85 3.37 0.00	33.91 1.91 0.00	27.27 1.08 0.00	13.14 0.27 0.00	8.31 0.06 0.00	6.37 0.03 0.00	7.46 0.09 0.00	17.10 0.33 0.00	23.17 1.07 0.00	32.03 2.10 0.00	60.29 4.25 0.00	46.93 2.91 0.00	51.57 4.26 0.00	51.67 4.01 0.00	49.13 3.17 0.00	28.59 1.65 0.00
REVERE_CPPR_DRP 24186	36.64 0.47 0.00	26.38 0.29 0.00	29.47 0.39 0.00	27.57 0.43 0.00	27.09 0.37 0.00	36.90 0.64 0.00	51.37 1.28 0.00	62.83 1.66 0.00	48.44 0.96 0.00	32.36 0.36 0.00	26.41 0.21 0.00	12.88 0.01 0.00	8.22 -0.03 0.00	6.32 -0.02 0.00	7.34 -0.03 0.00	16.72 -0.05 0.00	22.16 0.05 0.00	30.27 0.33 0.00	57.54 1.49 0.00	45.43 1.40 0.00	48.56 1.24 0.00	48.72 1.07 0.00	46.86 0.90 0.00	27.34 0.40 0.00
REYNLDPA_13_KV_LD 356490	36.27 0.10 0.00	26.12 0.03 0.00	29.15 0.07 0.00	27.26 0.12 0.00	26.81 0.10 0.00	36.48 0.22 0.00	50.54 0.45 0.00	61.55 0.39 0.00	47.80 0.32 0.00	32.28 0.28 0.00	26.39 0.19 0.00	12.94 0.07 0.00	8.29 0.04 0.00	6.34 0.00 0.00	7.35 -0.02 0.00	16.64 -0.13 0.00	21.94 -0.17 0.00	29.65 -0.29 0.00	55.74 -0.31 0.00	43.98 -0.04 0.00	47.33 0.02 0.00	47.66 0.00 0.00	45.93 -0.03 0.00	26.93 -0.01 0.00
REYNOLDS_115KV_TB3 80639	37.29 1.11 0.00	26.80 0.71 0.00	29.94 0.86 0.00	27.90 0.77 0.00	27.41 0.70 0.00	37.20 0.94 0.00	51.15 1.06 0.00	62.36 1.19 0.00	48.47 1.00 0.00	32.83 0.83 0.00	26.88 0.68 0.00	13.20 0.32 0.00	8.43 0.18 0.00	6.49 0.15 0.00	7.55 0.18 0.00	17.24 0.47 0.00	22.84 0.73 0.00	30.85 0.91 0.00	57.36 1.31 0.00	44.85 0.82 0.00	48.52 1.20 0.00	48.88 1.22 0.00	47.03 1.07 0.00	27.63 0.69 0.00
RIVERBAY___ 323610	39.18 3.00 0.00	28.19 2.10 0.00	31.29 2.21 0.00	29.13 2.00 0.00	28.83 2.12 0.00	39.05 2.79 0.00	54.09 4.00 0.00	65.96 4.79 0.00	51.40 3.92 0.00	34.95 2.96 0.00	28.83 2.63 -0.01	14.11 1.24 0.00	9.65 0.81 -0.58	6.98 0.64 0.00	8.14 0.78 0.00	18.66 1.89 0.00	24.60 2.50 0.00	33.13 3.20 0.00	61.03 4.98 0.00	47.88 3.85 0.00	51.24 3.92 0.00	51.84 4.18 -0.01	49.91 3.94 0.00	29.33 2.38 -0.01
RIVERSDE_115KV_TB3 55908	37.34 1.17 0.00	26.84 0.76 0.00	29.98 0.91 0.00	27.95 0.81 0.00	27.47 0.75 0.00	37.28 1.02 0.00	51.28 1.19 0.00	62.54 1.38 0.00	48.60 1.13 0.00	32.89 0.89 0.00	26.92 0.73 0.00	13.22 0.35 0.00	8.45 0.20 0.00	6.50 0.16 0.00	7.56 0.19 0.00	17.28 0.50 0.00	22.87 0.76 0.00	30.93 0.99 0.00	57.53 1.48 0.00	44.99 0.96 0.00	48.63 1.32 0.00	49.01 1.35 0.00	47.13 1.17 0.00	27.69 0.75 0.00

ROARING___BROOK_WT_PWR 323790	34.93 -1.25 0.00	25.16 -0.92 0.00	28.11 -0.97 0.00	26.22 -0.91 0.00	25.81 -0.91 0.00	34.74 -1.52 0.00	47.83 -2.26 0.00	58.54 -2.62 0.00	45.46 -2.01 0.00	30.79 -1.21 0.00	25.22 -0.97 0.00	12.44 -0.44 0.00	7.95 -0.30 0.00	6.12 -0.21 0.00	7.07 -0.30 0.00	16.13 -0.64 0.00	21.28 -0.83 0.00	28.80 -1.14 0.00	54.36 -1.69 0.00	42.58 -1.45 0.00	45.60 -1.71 0.00	45.83 -1.83 0.00	44.31 -1.65 0.00	25.86 -1.08 0.00
ROCHESRG_115KV_T4 355643	32.73 -2.00 1.45	24.69 -1.40 0.00	27.30 -1.56 0.22	25.74 -1.40 0.00	24.73 -1.36 0.62	34.18 -1.70 0.38	44.17 -2.25 3.68	45.96 -3.10 12.11	35.11 -2.48 9.88	29.57 -1.96 0.46	24.58 -1.61 0.00	12.06 -0.81 0.00	7.78 -0.47 0.00	5.99 -0.35 0.00	6.95 -0.41 0.00	15.76 -1.01 0.00	20.34 -1.38 0.39	27.89 -1.78 0.27	28.40 -2.57 25.08	38.84 -1.82 3.36	43.31 -2.15 1.85	41.18 -2.42 4.07	26.31 -1.81 17.84	22.23 -1.31 3.40
ROCHESTER_9_IC 23652	32.93 -1.76 1.48	24.84 -1.24 0.00	27.47 -1.38 0.23	25.90 -1.24 0.00	24.88 -1.19 0.64	34.42 -1.45 0.39	44.45 -1.87 3.78	46.07 -2.63 12.46	35.22 -2.12 10.13	29.77 -1.75 0.48	24.73 -1.46 0.00	12.14 -0.74 0.00	7.83 -0.42 0.00	6.02 -0.31 0.00	6.99 -0.37 0.00	15.86 -0.92 0.00	20.48 -1.25 0.38	28.09 -1.59 0.26	28.85 -2.12 25.08	39.20 -1.46 3.36	43.63 -1.78 1.91	41.40 -2.07 4.20	26.10 -1.48 18.38	22.30 -1.13 3.50
ROCKVIEW_13_KV_LD 356306	37.96 1.78 0.00	27.29 1.21 0.00	30.32 1.24 0.00	28.21 1.07 0.00	27.84 1.13 0.00	37.75 1.49 0.00	52.17 2.08 0.00	63.83 2.66 0.00	49.65 2.17 0.00	33.81 1.81 0.00	27.91 1.71 0.00	13.67 0.79 0.00	9.12 0.52 -0.34	6.76 0.42 0.00	7.89 0.52 0.00	18.08 1.31 0.00	23.88 1.77 0.00	32.21 2.27 0.00	59.34 3.29 0.00	46.45 2.42 0.00	49.76 2.45 0.00	50.31 2.65 0.00	48.37 2.41 0.00	28.36 1.43 0.00
ROME____115KV_TB2 80656	36.64 0.47 0.00	26.38 0.29 0.00	29.47 0.39 0.00	27.57 0.43 0.00	27.09 0.37 0.00	36.90 0.64 0.00	51.37 1.28 0.00	62.83 1.66 0.00	48.44 0.96 0.00	32.36 0.36 0.00	26.41 0.21 0.00	12.88 0.01 0.00	8.22 -0.03 0.00	6.32 -0.02 0.00	7.34 -0.03 0.00	16.72 -0.05 0.00	22.16 0.05 0.00	30.27 0.33 0.00	57.54 1.49 0.00	45.43 1.40 0.00	48.56 1.24 0.00	48.72 1.07 0.00	46.86 0.90 0.00	27.34 0.40 0.00
ROSETON___1 23587	37.43 1.25 0.00	26.92 0.83 0.00	29.93 0.85 0.00	27.85 0.72 0.00	27.49 0.77 0.00	37.26 1.00 0.00	51.47 1.38 0.00	62.96 1.79 0.00	48.94 1.47 0.00	33.21 1.21 0.00	27.35 1.16 0.00	13.41 0.53 0.00	8.60 0.35 0.00	6.61 0.27 0.00	7.72 0.35 0.00	17.68 0.90 0.00	23.33 1.22 0.00	31.51 1.58 0.00	58.26 2.21 0.00	45.62 1.59 0.00	48.95 1.63 0.00	49.46 1.80 0.00	47.59 1.63 0.00	27.93 0.99 0.00
ROSETON___2 23588	37.43 1.25 0.00	26.92 0.83 0.00	29.93 0.85 0.00	27.85 0.72 0.00	27.49 0.77 0.00	37.26 1.00 0.00	51.47 1.38 0.00	62.96 1.79 0.00	48.94 1.47 0.00	33.21 1.21 0.00	27.35 1.16 0.00	13.41 0.53 0.00	8.60 0.35 0.00	6.61 0.27 0.00	7.72 0.35 0.00	17.68 0.90 0.00	23.33 1.22 0.00	31.51 1.58 0.00	58.26 2.21 0.00	45.62 1.59 0.00	48.95 1.63 0.00	49.46 1.80 0.00	47.59 1.63 0.00	27.93 0.99 0.00
ROTTRDAM_115KV_TB3 80664	36.99 0.81 0.00	26.64 0.55 0.00	29.71 0.63 0.00	27.70 0.56 0.00	27.27 0.55 0.00	37.00 0.75 0.00	51.08 0.99 0.00	62.35 1.19 0.00	48.35 0.87 0.00	32.55 0.55 0.00	26.59 0.39 0.00	13.04 0.17 0.00	8.34 0.09 0.00	6.41 0.07 0.00	7.46 0.09 0.00	17.03 0.25 0.00	22.51 0.41 0.00	30.59 0.65 0.00	57.23 1.18 0.00	44.88 0.85 0.00	48.35 1.04 0.00	48.69 1.03 0.00	46.87 0.91 0.00	27.48 0.54 0.00
RUSSELL___1 23602	33.08 -1.61 1.48	24.95 -1.13 0.00	27.58 -1.27 0.23	26.00 -1.14 0.00	24.99 -1.09 0.64	34.57 -1.30 0.39	44.68 -1.64 3.77	46.39 -2.33 12.44	35.46 -1.89 10.12	29.91 -1.61 0.48	24.84 -1.36 0.00	12.18 -0.69 0.00	7.86 -0.39 0.00	6.05 -0.29 0.00	7.03 -0.34 0.00	15.92 -0.85 0.00	20.58 -1.15 0.38	28.22 -1.46 0.26	29.16 -1.81 25.07	39.43 -1.23 3.36	43.88 -1.53 1.91	41.63 -1.84 4.19	26.35 -1.25 18.36	22.42 -1.02 3.50
RUSSELL___2 23532	33.08 -1.61 1.48	24.95 -1.13 0.00	27.58 -1.27 0.23	26.00 -1.14 0.00	24.99 -1.09 0.64	34.57 -1.30 0.39	44.68 -1.64 3.77	46.39 -2.33 12.44	35.46 -1.89 10.12	29.91 -1.61 0.48	24.84 -1.36 0.00	12.18 -0.69 0.00	7.86 -0.39 0.00	6.05 -0.29 0.00	7.03 -0.34 0.00	15.92 -0.85 0.00	20.58 -1.15 0.38	28.22 -1.46 0.26	29.16 -1.81 25.07	39.43 -1.23 3.36	43.88 -1.53 1.91	41.63 -1.84 4.19	26.35 -1.25 18.36	22.42 -1.02 3.50
RUSSELL___3 23549	33.08 -1.61 1.48	24.95 -1.13 0.00	27.58 -1.27 0.23	26.00 -1.14 0.00	24.99 -1.09 0.64	34.57 -1.30 0.39	44.68 -1.64 3.77	46.39 -2.33 12.44	35.46 -1.89 10.12	29.91 -1.61 0.48	24.84 -1.36 0.00	12.18 -0.69 0.00	7.86 -0.39 0.00	6.05 -0.29 0.00	7.03 -0.34 0.00	15.92 -0.85 0.00	20.58 -1.15 0.38	28.22 -1.46 0.26	29.16 -1.81 25.07	39.43 -1.23 3.36	43.88 -1.53 1.91	41.63 -1.84 4.19	26.35 -1.25 18.36	22.42 -1.02 3.50
RUSSELL___4 23556	33.08 -1.61 1.48	24.95 -1.13 0.00	27.58 -1.27 0.23	26.00 -1.14 0.00	24.99 -1.09 0.64	34.57 -1.30 0.39	44.68 -1.64 3.77	46.39 -2.33 12.44	35.46 -1.89 10.12	29.91 -1.61 0.48	24.84 -1.36 0.00	12.18 -0.69 0.00	7.86 -0.39 0.00	6.05 -0.29 0.00	7.03 -0.34 0.00	15.92 -0.85 0.00	20.58 -1.15 0.38	28.22 -1.46 0.26	29.16 -1.81 25.07	39.43 -1.23 3.36	43.88 -1.53 1.91	41.63 -1.84 4.19	26.35 -1.25 18.36	22.42 -1.02 3.50
RUSSELL___STATION 23914	33.08 -1.61 1.48	24.95 -1.13 0.00	27.58 -1.27 0.23	26.00 -1.14 0.00	24.99 -1.09 0.64	34.57 -1.30 0.39	44.68 -1.64 3.77	46.39 -2.33 12.44	35.46 -1.89 10.12	29.91 -1.61 0.48	24.84 -1.36 0.00	12.18 -0.69 0.00	7.86 -0.39 0.00	6.05 -0.29 0.00	7.03 -0.34 0.00	15.92 -0.85 0.00	20.58 -1.15 0.38	28.22 -1.46 0.26	29.16 -1.81 25.07	39.43 -1.23 3.36	43.88 -1.53 1.91	41.63 -1.84 4.19	26.35 -1.25 18.36	22.42 -1.02 3.50
S SALMON___HYD 24043	34.71 -1.47 0.00	24.99 -1.10 0.00	27.97 -1.11 0.00	26.17 -0.97 0.00	25.68 -1.03 0.00	34.97 -1.29 0.00	48.75 -1.34 0.00	59.73 -1.43 0.00	46.06 -1.42 0.00	30.89 -1.11 0.00	25.25 -0.95 0.00	12.25 -0.62 0.00	7.78 -0.47 0.00	5.98 -0.36 0.00	6.89 -0.48 0.00	15.64 -1.14 0.00	20.73 -1.38 0.00	28.41 -1.53 0.00	54.52 -1.53 0.00	43.36 -0.67 0.00	46.18 -1.13 0.00	46.16 -1.50 0.00	44.21 -1.75 0.00	25.72 -1.22 0.00
S.PERRY__115KV_TB1 80734	33.72 -1.67 0.79	24.99 -1.10 0.00	27.35 -1.26 0.47	25.98 -1.16 0.00	33.37 -1.12 -7.78	53.52 -1.24 -18.49	56.74 -1.59 -8.24	48.94 -2.64 9.58	51.53 -2.27 -6.31	67.31 -2.19 -37.50	42.34 -2.08 -18.23	16.44 -1.06 -4.62	7.79 -0.64 -0.18	11.90 -0.48 -6.04	17.35 -0.56 -10.54	36.82 -1.22 -21.26	44.22 -1.67 -23.79	64.65 -1.88 -36.59	105.39 -2.20 -51.54	97.73 -0.87 -54.57	95.55 -1.14 -49.38	83.89 -1.69 -37.92	0.05 -1.21 44.70	25.32 -1.18 0.44

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.01 -3.80 3.37	23.44 -2.65 0.00	25.78 -2.90 0.40	24.53 -2.61 0.00	20.02 -2.56 4.13	25.93 -3.27 7.06	33.47 -4.57 12.05	24.60 -6.65 29.91	14.11 -5.20 28.17	14.20 -3.81 13.99	17.00 -2.97 6.23	9.81 -1.49 1.58	7.33 -0.86 0.06	3.65 -0.63 2.06	3.05 -0.75 3.57	7.79 -1.81 7.18	10.97 -2.54 8.59	13.75 -3.36 12.82	13.55 -5.48 37.02	19.08 -3.97 20.98	21.05 -4.55 21.72	19.41 -4.98 23.27	12.05 -3.56 30.35	15.91 -2.54 8.49
SAWYER__23_KV_LOAD 55526	29.01 -3.80 3.37	23.44 -2.65 0.00	25.78 -2.90 0.40	24.53 -2.61 0.00	20.02 -2.56 4.13	25.93 -3.27 7.06	33.47 -4.57 12.05	24.60 -6.65 29.91	14.11 -5.20 28.17	14.20 -3.81 13.99	17.00 -2.97 6.23	9.81 -1.49 1.58	7.33 -0.86 0.06	3.65 -0.63 2.06	3.05 -0.75 3.57	7.79 -1.81 7.18	10.97 -2.54 8.59	13.75 -3.36 12.82	13.55 -5.48 37.02	19.08 -3.97 20.98	21.05 -4.55 21.72	19.41 -4.98 23.27	12.05 -3.56 30.35	15.91 -2.54 8.49
SELKIRK__I 23801	37.25 1.08 0.00	26.83 0.74 0.00	29.94 0.86 0.00	27.92 0.78 0.00	27.44 0.73 0.00	37.25 0.99 0.00	51.30 1.21 0.00	62.58 1.42 0.00	48.50 1.02 0.00	32.67 0.67 0.00	26.70 0.51 0.00	13.13 0.25 0.00	8.40 0.14 0.00	6.46 0.12 0.00	7.51 0.14 0.00	17.15 0.37 0.00	22.66 0.55 0.00	30.79 0.85 0.00	57.50 1.45 0.00	45.02 0.99 0.00	48.54 1.23 0.00	48.93 1.27 0.00	47.13 1.17 0.00	27.65 0.71 0.00
SELKIRK__II 23799	37.14 0.97 0.00	26.74 0.65 0.00	29.83 0.76 0.00	27.81 0.67 0.00	27.35 0.64 0.00	37.10 0.84 0.00	51.12 1.03 0.00	62.37 1.21 0.00	48.44 0.96 0.00	32.73 0.73 0.00	26.79 0.60 0.00	13.17 0.30 0.00	8.42 0.17 0.00	6.48 0.14 0.00	7.54 0.17 0.00	17.21 0.44 0.00	22.74 0.63 0.00	30.78 0.84 0.00	57.34 1.29 0.00	44.88 0.85 0.00	48.41 1.10 0.00	48.80 1.14 0.00	47.00 1.04 0.00	27.57 0.63 0.00
SENECA OSWGO__HYD 24041	35.03 -1.14 0.00	25.31 -0.78 0.00	28.19 -0.89 0.00	26.32 -0.82 0.00	25.92 -0.79 0.00	35.22 -1.04 0.00	48.91 -1.18 0.00	59.82 -1.35 0.00	46.28 -1.20 0.00	31.05 -0.94 0.00	25.34 -0.85 0.00	12.43 -0.44 0.00	7.95 -0.30 0.00	6.12 -0.22 0.00	7.11 -0.25 0.00	16.16 -0.61 0.00	21.22 -0.89 0.00	28.82 -1.12 0.00	54.26 -1.79 0.00	42.75 -1.28 0.00	45.84 -1.48 0.00	46.08 -1.58 0.00	44.41 -1.55 0.00	26.01 -0.93 0.00
SENECA__115KV_TB3 355854	28.28 -3.26 4.64	23.59 -2.26 0.23	24.92 -2.47 1.69	22.05 -2.24 2.85	10.85 -2.19 13.67	18.13 -2.76 15.37	21.37 -3.85 24.87	24.10 -5.78 31.28	13.52 -4.58 29.38	14.31 -3.26 14.43	17.20 -2.58 6.42	9.94 -1.31 1.62	7.43 -0.76 0.06	3.67 -0.56 2.12	3.04 -0.65 3.68	7.83 -1.55 7.39	11.10 -2.19 8.82	13.87 -2.83 13.24	12.53 -4.69 38.83	8.69 -3.31 32.03	-0.13 -3.87 43.57	13.50 -4.31 29.85	3.48 -3.13 39.36	15.61 -2.22 9.11
SENECA__ENERGY 23797	33.99 -1.11 1.07	25.35 -0.74 0.00	28.06 -0.83 0.19	26.38 -0.76 0.00	26.04 -0.76 -0.08	36.33 -0.90 -0.98	46.84 -1.28 1.97	54.95 -1.72 4.48	40.91 -1.49 5.07	33.25 -1.12 -2.37	26.49 -1.00 -1.30	12.70 -0.51 -0.33	7.94 -0.32 -0.01	6.52 -0.24 -0.43	7.84 -0.28 -0.75	17.68 -0.61 -1.51	23.44 -0.85 -2.18	31.87 -1.03 -2.96	85.87 -1.57 -31.39	50.59 -1.04 -7.60	49.04 -1.30 -3.02	46.18 -1.52 -0.04	27.91 -1.28 16.77	23.59 -0.72 2.62
SHOEMAKER__GT 23640	37.23 1.05 0.00	26.81 0.72 0.00	29.81 0.74 0.00	27.76 0.62 0.00	27.38 0.67 0.00	37.13 0.86 0.00	51.35 1.26 0.00	62.82 1.66 0.00	48.75 1.28 0.00	32.98 0.98 0.00	27.10 0.91 0.00	13.29 0.42 0.00	8.52 0.27 0.00	6.56 0.22 0.00	7.65 0.29 0.00	17.51 0.73 0.00	23.08 0.98 0.00	31.23 1.29 0.00	57.98 1.93 0.00	45.47 1.44 0.00	48.75 1.43 0.00	49.23 1.57 0.00	47.38 1.42 0.00	27.80 0.86 0.00
SHOEMAKR_138KV_BK 111 55601	37.22 1.04 0.00	26.80 0.71 0.00	29.81 0.73 0.00	27.75 0.61 0.00	27.38 0.67 0.00	37.12 0.86 0.00	51.32 1.23 0.00	62.79 1.63 0.00	48.72 1.25 0.00	32.99 0.99 0.00	27.13 0.93 0.00	13.31 0.43 0.00	8.54 0.28 0.00	6.56 0.23 0.00	7.66 0.30 0.00	17.53 0.76 0.00	23.11 1.01 0.00	31.26 1.32 0.00	57.97 1.92 0.00	45.45 1.42 0.00	48.74 1.42 0.00	49.21 1.55 0.00	47.36 1.40 0.00	27.79 0.85 0.00
SHOREHAM_IC_1 23715	38.40 2.23 0.00	27.82 1.74 0.00	30.92 1.84 0.00	28.76 1.63 0.00	28.39 1.69 0.00	38.46 2.20 0.00	54.68 2.50 -2.10	63.34 2.17 0.00	49.17 1.70 0.00	33.62 1.62 0.00	27.88 1.68 0.00	13.57 0.69 0.00	8.95 0.46 -0.24	6.66 0.32 0.00	7.79 0.43 0.00	17.95 1.17 0.00	24.03 1.92 0.00	32.45 2.51 0.00	59.42 3.37 0.00	46.57 2.54 0.00	50.00 2.69 0.00	50.25 2.59 0.00	48.33 2.37 0.00	28.24 1.29 0.00
SHOREHAM_IC_2 23716	38.40 2.23 0.00	27.82 1.74 0.00	30.92 1.84 0.00	28.76 1.63 0.00	28.39 1.69 0.00	38.46 2.20 0.00	54.68 2.50 -2.10	63.34 2.17 0.00	49.17 1.70 0.00	33.62 1.62 0.00	27.88 1.68 0.00	13.57 0.69 0.00	8.95 0.46 -0.24	6.66 0.32 0.00	7.79 0.43 0.00	17.95 1.17 0.00	24.03 1.92 0.00	32.45 2.51 0.00	59.42 3.37 0.00	46.57 2.54 0.00	50.00 2.69 0.00	50.25 2.59 0.00	48.33 2.37 0.00	28.24 1.29 0.00
SISSONVILLE__ 23735	35.92 -0.25 0.00	25.83 -0.26 0.00	28.88 -0.20 0.00	27.04 -0.10 0.00	26.56 -0.15 0.00	36.19 -0.07 0.00	50.29 0.20 0.00	61.60 0.43 0.00	47.80 0.33 0.00	32.15 0.15 0.00	26.18 -0.01 0.00	12.76 -0.11 0.00	8.13 -0.12 0.00	6.21 -0.13 0.00	7.16 -0.21 0.00	16.10 -0.68 0.00	21.25 -0.86 0.00	28.72 -1.22 0.00	54.50 -1.55 0.00	43.30 -0.72 0.00	46.41 -0.91 0.00	47.08 -0.58 0.00	45.38 -0.58 0.00	26.59 -0.35 0.00
SITHE_IND_GS1 24169	34.98 -1.19 0.00	25.28 -0.80 0.00	28.16 -0.92 0.00	26.29 -0.84 0.00	25.89 -0.82 0.00	35.13 -1.13 0.00	48.54 -1.55 0.00	59.29 -1.87 0.00	45.98 -1.50 0.00	30.93 -1.06 0.00	25.32 -0.87 0.00	12.46 -0.41 0.00	7.99 -0.26 0.00	6.15 -0.19 0.00	7.14 -0.23 0.00	16.24 -0.53 0.00	21.38 -0.73 0.00	28.96 -0.97 0.00	54.35 -1.70 0.00	42.74 -1.29 0.00	45.88 -1.44 0.00	46.14 -1.52 0.00	44.55 -1.41 0.00	26.12 -0.82 0.00
SITHE_IND_GS2 24170	34.98 -1.19 0.00	25.28 -0.80 0.00	28.16 -0.92 0.00	26.29 -0.84 0.00	25.89 -0.82 0.00	35.13 -1.13 0.00	48.54 -1.55 0.00	59.29 -1.87 0.00	45.98 -1.50 0.00	30.93 -1.06 0.00	25.32 -0.87 0.00	12.46 -0.41 0.00	7.99 -0.26 0.00	6.15 -0.19 0.00	7.14 -0.23 0.00	16.24 -0.53 0.00	21.38 -0.73 0.00	28.96 -0.97 0.00	54.35 -1.70 0.00	42.74 -1.29 0.00	45.88 -1.44 0.00	46.14 -1.52 0.00	44.55 -1.41 0.00	26.12 -0.82 0.00
SITHE_IND_GS3 24171	34.98 -1.19 0.00	25.28 -0.80 0.00	28.16 -0.92 0.00	26.29 -0.84 0.00	25.89 -0.82 0.00	35.13 -1.13 0.00	48.54 -1.55 0.00	59.29 -1.87 0.00	45.98 -1.50 0.00	30.93 -1.06 0.00	25.32 -0.87 0.00	12.46 -0.41 0.00	7.99 -0.26 0.00	6.15 -0.19 0.00	7.14 -0.23 0.00	16.24 -0.53 0.00	21.38 -0.73 0.00	28.96 -0.97 0.00	54.35 -1.70 0.00	42.74 -1.29 0.00	45.88 -1.44 0.00	46.14 -1.52 0.00	44.55 -1.41 0.00	26.12 -0.82 0.00

SITHE_IND_GS4 24172	34.98 -1.19 0.00	25.28 -0.80 0.00	28.16 -0.92 0.00	26.29 -0.84 0.00	25.89 -0.82 0.00	35.13 -1.13 0.00	48.54 -1.55 0.00	59.29 -1.87 0.00	45.98 -1.50 0.00	30.93 -1.06 0.00	25.32 -0.87 0.00	12.46 -0.41 0.00	7.99 -0.26 0.00	6.15 -0.19 0.00	7.14 -0.23 0.00	16.24 -0.53 0.00	21.38 -0.73 0.00	28.96 -0.97 0.00	54.35 -1.70 0.00	42.74 -1.29 0.00	45.88 -1.44 0.00	46.14 -1.52 0.00	44.55 -1.41 0.00	26.12 -0.82 0.00
SITHE__BATAVIA 24024	30.47 -2.54 3.17	24.18 -1.75 0.15	26.01 -1.91 1.15	23.56 -1.69 1.89	16.40 -1.59 8.71	25.03 -1.92 9.32	31.58 -2.56 15.95	36.10 -3.82 21.24	25.10 -3.12 19.25	21.94 -2.60 7.46	20.64 -2.33 3.22	10.86 -1.21 0.81	7.49 -0.73 0.03	4.74 -0.53 1.06	4.90 -0.62 1.85	11.54 -1.54 3.70	14.34 -2.14 5.63	19.86 -2.28 7.79	19.76 -3.45 32.84	22.40 -2.26 19.36	18.85 -2.66 25.81	26.85 -3.08 17.73	14.59 -1.92 29.44	19.08 -1.62 6.24
SITHE__INDEPEND 23800	34.99 -1.19 0.00	25.29 -0.80 0.00	28.16 -0.92 0.00	26.29 -0.84 0.00	25.89 -0.82 0.00	35.13 -1.13 0.00	48.55 -1.54 0.00	59.29 -1.87 0.00	45.98 -1.49 0.00	30.92 -1.07 0.00	25.32 -0.87 0.00	12.46 -0.41 0.00	7.99 -0.26 0.00	6.15 -0.19 0.00	7.14 -0.23 0.00	16.24 -0.53 0.00	21.38 -0.73 0.00	28.96 -0.98 0.00	54.35 -1.70 0.00	42.74 -1.28 0.00	45.88 -1.44 0.00	46.15 -1.51 0.00	44.57 -1.40 0.00	26.12 -0.82 0.00
SITHE__MASSENA 23902	36.25 0.07 0.00	26.09 0.01 0.00	29.13 0.06 0.00	27.24 0.11 0.00	26.79 0.08 0.00	36.47 0.21 0.00	50.55 0.46 0.00	61.80 0.64 0.00	48.04 0.57 0.00	32.33 0.33 0.00	26.37 0.18 0.00	12.92 0.04 0.00	8.27 0.02 0.00	6.32 -0.02 0.00	7.32 -0.05 0.00	16.56 -0.21 0.00	21.84 -0.27 0.00	29.51 -0.43 0.00	55.60 -0.45 0.00	44.01 -0.02 0.00	47.26 -0.06 0.00	47.73 0.07 0.00	45.96 0.00 0.00	26.95 0.01 0.00
SITHE__OGDNSBRG 24021	36.66 0.49 0.00	26.37 0.29 0.00	29.48 0.40 0.00	27.58 0.44 0.00	27.12 0.41 0.00	36.96 0.70 0.00	51.39 1.30 0.00	62.89 1.72 0.00	48.75 1.27 0.00	32.76 0.76 0.00	26.66 0.47 0.00	12.99 0.11 0.00	8.28 0.03 0.00	6.31 -0.02 0.00	7.30 -0.07 0.00	16.48 -0.29 0.00	21.70 -0.41 0.00	29.28 -0.66 0.00	55.77 -0.28 0.00	44.51 0.48 0.00	47.77 0.45 0.00	48.29 0.63 0.00	46.47 0.51 0.00	27.24 0.30 0.00
SITHE__STERLING 23777	36.48 0.31 0.00	26.30 0.21 0.00	29.33 0.26 0.00	27.43 0.29 0.00	26.99 0.27 0.00	36.74 0.48 0.00	51.02 0.93 0.00	62.39 1.22 0.00	48.13 0.65 0.00	32.17 0.17 0.00	26.26 0.07 0.00	12.85 -0.03 0.00	8.21 -0.04 0.00	6.32 -0.02 0.00	7.34 -0.03 0.00	16.74 -0.03 0.00	22.13 0.02 0.00	30.15 0.21 0.00	57.03 0.97 0.00	44.98 0.96 0.00	48.14 0.83 0.00	48.36 0.70 0.00	46.55 0.59 0.00	27.21 0.27 0.00
SLEIGHT__34_KV_TB1 80719	33.47 -1.50 1.20	25.01 -1.08 0.00	27.70 -1.19 0.18	26.06 -1.07 0.00	25.14 -1.05 0.52	34.65 -1.29 0.31	45.41 -1.62 3.07	51.54 -2.10 7.52	38.25 -1.79 7.43	30.14 -1.48 0.38	24.90 -1.29 0.00	12.19 -0.68 0.00	7.84 -0.41 0.00	6.03 -0.31 0.00	7.01 -0.36 0.00	15.92 -0.86 0.00	20.57 -1.16 0.38	28.24 -1.42 0.27	30.72 -1.83 23.49	39.62 -1.26 3.15	44.68 -1.54 1.09	42.64 -1.78 3.25	29.26 -1.42 15.28	23.04 -0.99 2.91
SMITHTWN_69_KV_BK 1 55830	38.40 2.22 0.00	27.71 1.63 0.00	30.78 1.71 0.00	28.63 1.50 0.00	28.26 1.55 0.00	38.28 2.02 0.00	53.56 2.49 -0.98	63.56 2.40 0.00	49.30 1.82 0.00	33.75 1.75 0.00	27.95 1.76 0.00	13.62 0.75 0.00	8.97 0.48 -0.24	6.70 0.36 0.00	7.84 0.47 0.00	18.03 1.25 0.00	24.04 1.93 0.00	32.41 2.48 0.00	59.33 3.28 0.00	46.55 2.52 0.00	49.90 2.58 0.00	50.36 2.70 0.00	48.45 2.49 0.00	28.44 1.50 0.00
SOUTH CAIRO__GT 23612	38.49 2.31 0.00	27.68 1.59 0.00	30.89 1.82 0.00	28.80 1.66 0.00	28.34 1.63 0.00	38.58 2.32 0.00	53.35 3.27 0.00	65.32 4.16 0.00	50.48 3.00 0.00	33.61 1.61 0.00	27.22 1.03 0.00	13.33 0.46 0.00	8.50 0.25 0.00	6.54 0.20 0.00	7.60 0.23 0.00	17.38 0.60 0.00	23.04 0.93 0.00	31.41 1.47 0.00	59.20 3.15 0.00	46.68 2.65 0.00	50.38 3.06 0.00	50.65 2.99 0.00	48.67 2.71 0.00	28.48 1.54 0.00
SOUTH HAMPTN__IC 23720	38.73 2.55 0.00	28.07 1.99 0.00	31.20 2.13 0.00	29.04 1.90 0.00	28.67 1.96 0.00	38.85 2.59 0.00	55.44 3.13 -2.21	64.14 2.99 0.00	49.75 2.27 0.00	33.95 1.95 0.00	28.10 1.91 0.00	13.67 0.79 0.00	9.01 0.52 -0.24	6.70 0.36 0.00	7.85 0.48 0.00	18.07 1.29 0.00	24.21 2.10 0.00	32.72 2.78 0.00	59.95 3.90 0.00	47.05 3.03 0.00	50.49 3.18 0.00	50.75 3.09 0.00	48.74 2.78 0.00	28.21 1.27 0.00
SOUTH DOW__115KV_TB1 355954	29.82 -2.83 3.53	24.19 -1.90 0.00	26.53 -2.08 0.47	25.19 -1.95 0.00	21.70 -1.88 3.13	29.40 -2.22 4.63	34.70 -2.72 12.67	26.21 -3.84 31.12	52.86 -3.35 -8.73	21.87 -2.19 7.94	18.93 -1.65 5.61	10.57 -0.89 1.41	7.68 -0.51 0.06	4.12 -0.37 1.85	3.70 -0.45 3.21	9.31 -1.01 6.45	12.92 -1.48 7.71	16.45 -1.97 11.52	20.25 -3.40 32.39	22.67 -2.22 19.14	24.01 -2.76 20.54	21.66 -3.45 22.55	11.55 -2.44 31.97	17.20 -1.79 7.95
SOUTHOLD_69_KV_BK 2 55809	39.11 2.93 0.00	28.36 2.27 0.00	31.53 2.46 0.00	29.35 2.21 0.00	28.99 2.28 0.00	39.34 3.08 0.00	56.14 3.84 -2.21	65.01 3.85 0.00	50.34 2.87 0.00	34.33 2.33 0.00	28.36 2.17 0.00	13.79 0.91 0.00	9.07 0.59 -0.24	6.75 0.41 0.00	7.90 0.53 0.00	18.21 1.43 0.00	24.40 2.30 0.00	33.04 3.10 0.00	60.62 4.57 0.00	47.62 3.59 0.00	51.05 3.74 0.00	51.33 3.67 0.00	49.15 3.19 0.00	28.13 1.19 0.00
SOUTHOLD__IC 23719	39.11 2.94 0.00	28.36 2.27 0.00	31.53 2.46 0.00	29.35 2.21 0.00	29.00 2.29 0.00	39.34 3.08 0.00	56.14 3.83 -2.21	65.02 3.86 0.00	50.37 2.90 0.00	34.32 2.32 0.00	28.36 2.17 0.00	13.79 0.91 0.00	9.07 0.59 -0.24	6.75 0.41 0.00	7.90 0.53 0.00	18.21 1.43 0.00	24.40 2.30 0.00	33.04 3.10 0.00	60.61 4.56 0.00	47.64 3.61 0.00	51.09 3.78 0.00	51.35 3.69 0.00	49.20 3.24 0.00	28.14 1.20 0.00
SOUTH_FORK_WT_PWR 323839	39.11 2.93 0.00	28.40 2.32 0.00	31.57 2.49 0.00	29.39 2.25 0.00	29.03 2.32 0.00	39.38 3.12 0.00	56.20 3.90 -2.21	65.09 3.93 0.00	50.42 2.95 0.00	34.35 2.35 0.00	28.38 2.18 0.00	13.79 0.92 0.00	9.08 0.59 -0.24	6.75 0.41 0.00	7.91 0.54 0.00	18.22 1.44 0.00	24.42 2.31 0.00	33.06 3.12 0.00	60.67 4.62 0.00	47.68 3.65 0.00	51.13 3.82 0.00	51.38 3.72 0.00	49.16 3.20 0.00	27.82 0.88 0.00
SPIERFLS_115KV_TB 1 80737	37.48 1.30 0.00	26.89 0.81 0.00	29.98 0.90 0.00	27.95 0.82 0.00	27.51 0.80 0.00	37.49 1.23 0.00	51.86 1.77 0.00	63.33 2.17 0.00	48.98 1.51 0.00	32.91 0.91 0.00	26.69 0.49 0.00	13.00 0.13 0.00	8.26 0.01 0.00	6.35 0.01 0.00	7.39 0.02 0.00	16.93 0.15 0.00	22.59 0.49 0.00	30.94 1.00 0.00	58.00 1.95 0.00	45.35 1.32 0.00	49.15 1.83 0.00	49.37 1.71 0.00	47.30 1.33 0.00	27.69 0.75 0.00

ST LAWRENCE____ 23600	35.92 -0.25 0.00	25.86 -0.22 0.00	28.86 -0.22 0.00	26.99 -0.15 0.00	26.55 -0.16 0.00	36.12 -0.14 0.00	50.06 -0.03 0.00	61.15 -0.01 0.00	47.56 0.09 0.00	32.00 0.00 0.00	26.13 -0.07 0.00	12.81 -0.06 0.00	8.21 -0.04 0.00	6.28 -0.06 0.00	7.28 -0.09 0.00	16.49 -0.28 0.00	21.75 -0.36 0.00	29.39 -0.55 0.00	55.28 -0.77 0.00	43.63 -0.40 0.00	46.91 -0.40 0.00	47.31 -0.36 0.00	45.60 -0.36 0.00	26.72 -0.22 0.00
STATE_CA_115KV_115_LB 55624	37.47 1.30 0.00	26.95 0.86 0.00	30.09 1.02 0.00	28.05 0.91 0.00	27.57 0.86 0.00	37.43 1.17 0.00	51.56 1.47 0.00	62.90 1.74 0.00	48.84 1.37 0.00	33.01 1.02 0.00	27.01 0.81 0.00	13.26 0.38 0.00	8.47 0.22 0.00	6.52 0.18 0.00	7.58 0.21 0.00	17.33 0.56 0.00	22.95 0.84 0.00	31.08 1.14 0.00	57.85 1.80 0.00	45.25 1.22 0.00	48.86 1.54 0.00	49.22 1.56 0.00	47.36 1.40 0.00	27.80 0.86 0.00
STATE_ST_34_KV_LOAD 55959	34.89 -0.42 0.86	25.81 -0.28 0.00	28.69 -0.25 0.13	26.92 -0.21 0.00	26.07 -0.27 0.37	35.74 -0.30 0.23	48.17 -0.34 1.57	65.22 -0.23 -4.28	45.38 -0.38 1.72	32.81 -0.44 -1.25	26.47 -0.45 -0.72	12.81 -0.18 -0.18	8.08 -0.13 -0.01	6.44 -0.14 -0.24	7.64 -0.14 -0.41	17.32 -0.29 -0.83	22.79 -0.40 -1.08	31.05 -0.43 -1.54	66.04 -0.28 -10.28	47.22 -0.06 -3.25	50.00 -0.23 -2.92	47.45 -0.40 -0.19	33.89 -0.28 11.79	24.84 -0.17 1.93
STATION_5_MISC_HYD 23604	32.49 -1.76 1.92	24.75 -1.24 0.09	26.98 -1.38 0.72	24.79 -1.24 1.10	21.19 -1.19 4.33	31.19 -1.45 3.62	39.85 -1.87 8.37	46.05 -2.65 12.46	35.20 -2.14 10.13	29.80 -1.72 0.48	24.75 -1.44 0.00	12.14 -0.74 0.00	7.83 -0.42 0.00	6.03 -0.31 0.00	7.00 -0.37 0.00	15.86 -0.92 0.00	20.50 -1.23 0.38	28.12 -1.54 0.28	28.05 -2.12 25.88	35.22 -1.49 7.32	35.72 -1.80 9.80	39.22 -2.08 6.36	23.03 -1.55 21.38	22.16 -1.15 3.63
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.38 -1.39 1.41	25.12 -0.96 0.00	27.77 -1.09 0.21	26.15 -0.99 0.00	25.16 -0.95 0.60	34.75 -1.14 0.37	45.02 -1.49 3.58	47.09 -2.04 12.04	36.23 -1.70 9.55	30.15 -1.40 0.45	24.97 -1.22 0.00	12.24 -0.64 0.00	7.87 -0.38 0.00	6.06 -0.28 0.00	7.03 -0.33 0.00	15.99 -0.79 0.00	20.44 -1.06 0.60	28.19 -1.32 0.44	18.03 -1.74 36.28	38.00 -1.15 4.87	44.01 -1.44 1.87	41.82 -1.70 4.14	26.54 -1.28 18.13	22.57 -0.91 3.45
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.83 -1.91 1.44	24.75 -1.34 0.00	27.36 -1.50 0.22	25.79 -1.34 0.00	24.80 -1.30 0.62	34.27 -1.61 0.38	44.33 -2.09 3.67	46.18 -2.88 12.10	35.33 -2.31 9.83	29.68 -1.85 0.46	24.66 -1.54 0.00	12.10 -0.78 0.00	7.80 -0.45 0.00	6.00 -0.34 0.00	6.97 -0.40 0.00	15.80 -0.97 0.00	20.37 -1.31 0.43	27.95 -1.69 0.30	26.15 -2.35 27.55	38.68 -1.65 3.70	43.48 -1.97 1.86	41.31 -2.26 4.10	26.31 -1.69 17.96	22.28 -1.24 3.42
STA_56____34_KV_BUS2 355983	32.83 -1.91 1.44	24.75 -1.34 0.00	27.36 -1.50 0.22	25.79 -1.34 0.00	24.80 -1.30 0.62	34.27 -1.61 0.38	44.33 -2.09 3.67	46.18 -2.88 12.10	35.33 -2.31 9.83	29.68 -1.85 0.46	24.66 -1.54 0.00	12.10 -0.78 0.00	7.80 -0.45 0.00	6.00 -0.34 0.00	6.97 -0.40 0.00	15.80 -0.97 0.00	20.37 -1.31 0.43	27.95 -1.69 0.30	26.15 -2.35 27.55	38.68 -1.65 3.70	43.48 -1.97 1.86	41.31 -2.26 4.10	26.31 -1.69 17.96	22.28 -1.24 3.42
STA_67____115KV_BK2 355882	32.86 -1.83 1.48	24.80 -1.28 0.00	27.41 -1.44 0.23	25.85 -1.29 0.00	24.84 -1.24 0.64	34.35 -1.52 0.39	44.35 -1.97 3.77	45.95 -2.76 12.45	35.13 -2.22 10.13	29.71 -1.81 0.48	24.68 -1.51 0.00	12.11 -0.76 0.00	7.81 -0.43 0.00	6.01 -0.32 0.00	6.98 -0.38 0.00	15.82 -0.95 0.00	20.44 -1.29 0.38	28.04 -1.64 0.26	28.73 -2.25 25.08	39.10 -1.56 3.36	43.54 -1.87 1.91	41.30 -2.17 4.19	26.03 -1.57 18.37	22.26 -1.18 3.50
STA_7____115KV_9TRANS 80674	33.08 -1.61 1.48	24.95 -1.13 0.00	27.58 -1.27 0.23	26.00 -1.14 0.00	24.99 -1.09 0.64	34.57 -1.30 0.39	44.68 -1.64 3.77	46.39 -2.33 12.44	35.46 -1.89 10.12	29.91 -1.61 0.48	24.84 -1.36 0.00	12.18 -0.69 0.00	7.86 -0.39 0.00	6.05 -0.29 0.00	7.03 -0.34 0.00	15.92 -0.85 0.00	20.58 -1.15 0.38	28.22 -1.46 0.26	29.16 -1.81 25.07	39.43 -1.23 3.36	43.88 -1.53 1.91	41.63 -1.84 4.19	26.35 -1.25 18.36	22.42 -1.02 3.50
STA_82____115KV_TB1 80780	32.82 -1.86 1.49	24.78 -1.31 0.00	27.39 -1.46 0.23	25.83 -1.31 0.00	24.81 -1.26 0.64	34.32 -1.55 0.39	44.28 -2.01 3.80	45.80 -2.82 12.55	35.02 -2.27 10.19	29.67 -1.85 0.48	24.66 -1.54 0.00	12.10 -0.77 0.00	7.80 -0.45 0.00	6.01 -0.33 0.00	6.97 -0.39 0.00	15.81 -0.97 0.00	20.42 -1.32 0.38	28.00 -1.68 0.26	28.66 -2.32 25.08	39.05 -1.61 3.36	43.47 -1.92 1.92	41.22 -2.21 4.23	25.83 -1.61 18.51	22.21 -1.21 3.53
STEEL____WIND 323596	28.21 -3.33 4.64	23.54 -2.31 0.23	24.86 -2.52 1.69	22.00 -2.29 2.85	10.80 -2.24 13.67	18.05 -2.84 15.37	21.25 -3.97 24.87	24.00 -5.89 31.28	13.45 -4.65 29.38	14.25 -3.32 14.43	17.14 -2.64 6.42	9.91 -1.34 1.62	7.40 -0.78 0.06	3.65 -0.57 2.12	3.02 -0.67 3.68	7.79 -1.59 7.39	11.04 -2.25 8.82	13.81 -2.88 13.24	12.43 -4.79 38.83	8.62 -3.38 32.03	-0.18 -3.92 43.57	13.41 -4.40 29.85	3.39 -3.21 39.36	15.55 -2.27 9.11
STEPHTWN_115KV_BK_2 55603	37.62 1.44 0.00	27.07 0.98 0.00	30.23 1.15 0.00	28.16 1.03 0.00	27.69 0.98 0.00	37.61 1.35 0.00	51.87 1.78 0.00	63.27 2.11 0.00	49.11 1.64 0.00	33.14 1.14 0.00	27.09 0.90 0.00	13.28 0.41 0.00	8.49 0.23 0.00	6.53 0.19 0.00	7.59 0.23 0.00	17.35 0.57 0.00	22.99 0.88 0.00	31.19 1.25 0.00	58.12 2.07 0.00	45.51 1.47 0.00	49.14 1.82 0.00	49.45 1.78 0.00	47.56 1.60 0.00	27.91 0.97 0.00
STEBEN_REC_LFGE 323667	29.47 -3.27 3.44	23.91 -2.17 0.00	25.87 -2.46 0.75	24.75 -2.39 0.00	27.99 -2.44 -3.71	44.28 -3.05 -11.06	45.16 -4.85 0.07	5.01 -7.15 49.01	23.39 -5.49 18.60	56.48 -3.88 -28.36	36.95 -3.43 -14.18	14.78 -1.68 -3.59	7.30 -1.09 -0.14	10.19 -0.83 -4.69	14.55 -0.98 -8.17	31.14 -2.08 -16.45	37.81 -2.88 -18.58	55.14 -3.23 -28.43	104.51 -4.84 -53.30	84.92 -3.12 -44.02	74.76 -3.73 -31.17	62.14 -4.62 -19.10	-30.42 -3.82 72.56	16.55 -2.81 7.58
STILLWATER____SOLAR 323814	37.58 1.40 0.00	27.00 0.91 0.00	30.14 1.06 0.00	28.09 0.96 0.00	27.63 0.92 0.00	37.59 1.33 0.00	51.87 1.78 0.00	63.30 2.14 0.00	49.05 1.57 0.00	32.99 0.99 0.00	26.84 0.65 0.00	13.12 0.25 0.00	8.36 0.11 0.00	6.43 0.09 0.00	7.48 0.11 0.00	17.10 0.33 0.00	22.75 0.64 0.00	31.03 1.09 0.00	58.09 2.04 0.00	45.46 1.43 0.00	49.15 1.84 0.00	49.45 1.78 0.00	47.50 1.54 0.00	27.82 0.89 0.00
STONY____BROOK 24151	38.36 2.18 0.00	27.70 1.62 0.00	30.77 1.69 0.00	28.61 1.48 0.00	28.24 1.53 0.00	38.25 1.99 0.00	54.15 2.45 -1.60	63.51 2.35 0.00	49.30 1.82 0.00	33.72 1.72 0.00	27.94 1.74 0.00	13.61 0.74 0.00	8.97 0.48 -0.24	6.69 0.35 0.00	7.83 0.46 0.00	18.01 1.24 0.00	24.03 1.92 0.00	32.40 2.46 0.00	59.29 3.24 0.00	46.52 2.49 0.00	49.89 2.57 0.00	50.32 2.66 0.00	48.45 2.49 0.00	28.41 1.47 0.00

STURGEON_POOL_HYD 23609	37.51 1.33 0.00	26.97 0.89 0.00	30.01 0.93 0.00	27.93 0.79 0.00	27.56 0.84 0.00	37.37 1.11 0.00	51.66 1.57 0.00	63.19 2.03 0.00	49.14 1.67 0.00	33.31 1.31 0.00	27.40 1.20 0.00	13.42 0.55 0.00	8.60 0.35 0.00	6.62 0.28 0.00	7.72 0.36 0.00	17.68 0.90 0.00	23.34 1.23 0.00	31.54 1.61 0.00	58.39 2.34 0.00	45.73 1.70 0.00	49.08 1.76 0.00	49.57 1.91 0.00	47.68 1.71 0.00	27.96 1.02 0.00
ST_LAW_115_BK7_LBMP 345037	35.95 -0.23 0.00	25.87 -0.21 0.00	28.88 -0.20 0.00	27.01 -0.13 0.00	26.56 -0.15 0.00	36.14 -0.11 0.00	50.09 0.00 0.00	61.20 0.04 0.00	47.60 0.12 0.00	32.03 0.03 0.00	26.14 -0.05 0.00	12.82 -0.06 0.00	8.21 -0.04 0.00	6.28 -0.06 0.00	7.28 -0.09 0.00	16.48 -0.29 0.00	21.74 -0.37 0.00	29.36 -0.58 0.00	55.25 -0.80 0.00	43.63 -0.40 0.00	46.91 -0.41 0.00	47.31 -0.36 0.00	45.61 -0.35 0.00	26.72 -0.22 0.00
ST_LAW_115_BK8_LBMP 345038	35.95 -0.23 0.00	25.87 -0.21 0.00	28.88 -0.20 0.00	27.01 -0.13 0.00	26.56 -0.15 0.00	36.14 -0.11 0.00	50.09 0.00 0.00	61.20 0.04 0.00	47.60 0.12 0.00	32.03 0.03 0.00	26.14 -0.05 0.00	12.82 -0.06 0.00	8.21 -0.04 0.00	6.28 -0.06 0.00	7.28 -0.09 0.00	16.48 -0.29 0.00	21.74 -0.37 0.00	29.36 -0.58 0.00	55.25 -0.80 0.00	43.63 -0.40 0.00	46.91 -0.41 0.00	47.31 -0.36 0.00	45.61 -0.35 0.00	26.72 -0.22 0.00
ST_LAW_230_BK5_LBMP 345035	35.92 -0.25 0.00	25.86 -0.22 0.00	28.86 -0.22 0.00	26.99 -0.15 0.00	26.55 -0.16 0.00	36.12 -0.14 0.00	50.06 -0.03 0.00	61.15 -0.01 0.00	47.56 0.09 0.00	32.00 0.00 0.00	26.13 -0.07 0.00	12.81 -0.06 0.00	8.21 -0.04 0.00	6.28 -0.06 0.00	7.28 -0.09 0.00	16.49 -0.28 0.00	21.75 -0.36 0.00	29.39 -0.55 0.00	55.28 -0.77 0.00	43.63 -0.40 0.00	46.91 -0.40 0.00	47.31 -0.36 0.00	45.60 -0.36 0.00	26.72 -0.22 0.00
ST_LAW_230_BK6_LBMP 345036	35.92 -0.25 0.00	25.86 -0.22 0.00	28.86 -0.22 0.00	26.99 -0.15 0.00	26.55 -0.16 0.00	36.12 -0.14 0.00	50.06 -0.03 0.00	61.15 -0.01 0.00	47.56 0.09 0.00	32.00 0.00 0.00	26.13 -0.07 0.00	12.81 -0.06 0.00	8.21 -0.04 0.00	6.28 -0.06 0.00	7.28 -0.09 0.00	16.49 -0.28 0.00	21.75 -0.36 0.00	29.39 -0.55 0.00	55.28 -0.77 0.00	43.63 -0.40 0.00	46.91 -0.40 0.00	47.31 -0.36 0.00	45.60 -0.36 0.00	26.72 -0.22 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	37.37 1.19 0.00	26.89 0.80 0.00	29.92 0.84 0.00	27.83 0.70 0.00	27.47 0.76 0.00	37.24 0.98 0.00	51.48 1.39 0.00	62.99 1.82 0.00	48.92 1.45 0.00	33.18 1.18 0.00	27.31 1.12 0.00	13.39 0.51 0.00	8.59 0.34 0.00	6.61 0.27 0.00	7.73 0.36 0.00	17.68 0.91 0.00	23.33 1.22 0.00	31.51 1.57 0.00	58.29 2.24 0.00	45.66 1.63 0.00	48.94 1.62 0.00	49.45 1.78 0.00	47.57 1.61 0.00	27.91 0.97 0.00
SWANROAD_115KV_TB1 355699	28.67 -4.52 2.99	23.00 -3.09 0.00	25.32 -3.39 0.37	24.11 -3.03 0.00	20.40 -2.91 3.40	26.82 -3.80 5.64	34.17 -5.52 10.40	26.90 -7.71 26.55	16.80 -5.98 24.70	16.38 -4.39 11.23	17.83 -3.41 4.95	9.90 -1.74 1.24	7.17 -1.03 0.05	3.96 -0.74 1.63	3.68 -0.86 2.84	9.01 -2.07 5.70	12.16 -2.94 7.01	15.57 -4.01 10.35	15.25 -6.46 34.33	21.71 -4.97 17.35	24.00 -5.62 17.69	22.30 -5.97 19.39	13.83 -4.19 27.94	16.53 -2.93 7.48
SYNERGY___BIOGAS 323694	31.20 -2.56 2.42	24.34 -1.75 0.00	26.85 -1.92 0.31	25.44 -1.69 0.00	22.70 -1.60 2.42	30.52 -1.94 3.79	39.55 -2.58 7.97	36.13 -3.79 21.24	25.19 -3.04 19.25	21.88 -2.66 7.46	20.62 -2.35 3.22	10.84 -1.22 0.81	7.49 -0.73 0.03	4.74 -0.53 1.06	4.90 -0.62 1.85	11.52 -1.55 3.70	14.30 -2.18 5.63	19.81 -2.37 7.75	21.15 -3.46 31.45	29.32 -2.21 12.49	32.60 -2.62 12.10	30.65 -3.04 13.97	19.85 -1.88 24.23	19.34 -1.58 6.02
SYRACUSE___ENERGY_ST1 323597	35.71 -0.47 0.00	25.79 -0.30 0.00	28.72 -0.36 0.00	26.81 -0.33 0.00	26.40 -0.31 0.00	35.89 -0.37 0.00	49.68 -0.41 0.00	60.73 -0.43 0.00	46.99 -0.49 0.00	31.56 -0.44 0.00	25.80 -0.40 0.00	12.67 -0.20 0.00	8.12 -0.13 0.00	6.25 -0.09 0.00	7.26 -0.11 0.00	16.54 -0.23 0.00	21.82 -0.33 -0.03	29.61 -0.35 -0.03	57.58 -0.40 -1.93	44.04 -0.24 -0.26	46.93 -0.39 0.00	46.04 -0.49 1.14	39.41 -0.43 6.12	25.51 -0.27 1.17
SYRACUSE___ENERGY_ST2 323598	35.71 -0.47 0.00	25.79 -0.30 0.00	28.72 -0.36 0.00	26.81 -0.33 0.00	26.40 -0.31 0.00	35.89 -0.37 0.00	49.68 -0.41 0.00	60.73 -0.43 0.00	46.99 -0.49 0.00	31.56 -0.44 0.00	25.80 -0.40 0.00	12.67 -0.20 0.00	8.12 -0.13 0.00	6.25 -0.09 0.00	7.26 -0.11 0.00	16.54 -0.23 0.00	21.82 -0.33 -0.03	29.61 -0.35 -0.03	57.58 -0.40 -1.93	44.04 -0.24 -0.26	46.93 -0.39 0.00	46.04 -0.49 1.14	39.41 -0.43 6.12	25.51 -0.27 1.17
SYRACUSE___POWER 24017	35.71 -0.46 0.00	25.79 -0.30 0.00	28.71 -0.37 0.00	26.80 -0.34 0.00	26.41 -0.31 0.00	35.90 -0.36 0.00	49.73 -0.36 0.00	64.65 -0.36 -3.85	48.12 -0.45 -1.09	31.59 -0.40 0.00	25.82 -0.37 0.00	12.69 -0.18 0.00	8.13 -0.12 0.00	6.26 -0.08 0.00	7.27 -0.10 0.00	16.56 -0.22 0.00	21.80 -0.31 0.00	29.62 -0.32 0.00	55.68 -0.36 0.00	43.83 -0.20 0.00	47.67 -0.34 -0.70	47.57 -0.44 -0.34	45.58 -0.38 0.00	26.70 -0.24 0.00
TALLMAN__138KV_BK151 55660	37.54 1.36 0.00	27.00 0.91 0.00	30.03 0.95 0.00	27.94 0.80 0.00	27.58 0.87 0.00	37.38 1.12 0.00	51.67 1.59 0.00	63.23 2.07 0.00	49.12 1.65 0.00	33.39 1.39 0.00	27.52 1.33 0.00	13.48 0.61 0.00	8.66 0.40 0.00	6.67 0.33 0.00	7.79 0.42 0.00	17.85 1.08 0.00	23.55 1.44 0.00	31.77 1.84 0.00	58.64 2.59 0.00	45.91 1.89 0.00	49.18 1.87 0.00	49.70 2.04 0.00	47.84 1.88 0.00	28.05 1.11 0.00
TEALLAVE_115KV_TB7 355573	35.53 -0.65 0.00	25.66 -0.43 0.00	28.57 -0.51 0.00	26.66 -0.47 0.00	26.27 -0.44 0.00	35.72 -0.54 0.00	49.51 -0.58 0.00	60.51 -0.66 0.00	46.84 -0.64 0.00	31.47 -0.52 0.00	25.74 -0.45 0.00	12.65 -0.22 0.00	8.12 -0.13 0.00	6.24 -0.10 0.00	7.25 -0.12 0.00	16.51 -0.27 0.00	21.75 -0.36 0.00	29.53 -0.41 0.00	55.46 -0.59 0.00	43.64 -0.39 0.00	46.78 -0.53 0.00	47.03 -0.63 0.00	45.39 -0.57 0.00	26.58 -0.36 0.00
TELEGRAPH_34_KV_EAST 80808	30.01 -3.48 2.69	23.69 -2.40 0.00	26.12 -2.62 0.34	24.79 -2.34 0.00	21.58 -2.24 2.89	28.71 -2.86 4.69	36.97 -4.01 9.11	31.74 -5.72 23.70	21.21 -4.49 21.78	19.29 -3.45 9.26	19.36 -2.79 4.05	10.44 -1.42 1.02	7.37 -0.84 0.04	4.39 -0.61 1.34	4.34 -0.72 2.32	10.37 -1.74 4.66	13.71 -2.46 5.94	18.34 -2.96 8.65	18.30 -4.83 32.91	25.66 -3.54 14.83	28.47 -4.08 14.77	26.64 -4.47 16.56	17.00 -3.01 25.96	17.97 -2.26 6.71
TEMPLE___115KV_TB 2 55572	35.55 -0.63 0.00	25.68 -0.41 0.00	28.58 -0.50 0.00	26.68 -0.45 0.00	26.29 -0.42 0.00	35.73 -0.53 0.00	49.52 -0.57 0.00	60.52 -0.64 0.00	46.84 -0.64 0.00	31.48 -0.52 0.00	25.75 -0.44 0.00	12.66 -0.21 0.00	8.12 -0.13 0.00	6.24 -0.09 0.00	7.26 -0.11 0.00	16.52 -0.25 0.00	21.75 -0.36 0.00	29.54 -0.40 0.00	55.49 -0.56 0.00	43.64 -0.38 0.00	46.79 -0.53 0.00	47.03 -0.63 0.00	45.40 -0.56 0.00	26.59 -0.35 0.00

TIANA___69_KV_BK 1 55817	38.63 2.46 0.00	27.99 1.91 0.00	31.10 2.02 0.00	28.94 1.80 0.00	28.58 1.87 0.00	38.74 2.48 0.00	55.25 2.95 -2.21	63.90 2.74 0.00	49.54 2.07 0.00	33.86 1.86 0.00	28.03 1.83 0.00	13.64 0.77 0.00	8.99 0.50 -0.24	6.69 0.35 0.00	7.83 0.46 0.00	18.03 1.25 0.00	24.15 2.04 0.00	32.64 2.70 0.00	59.77 3.73 0.00	46.90 2.87 0.00	50.32 3.00 0.00	50.61 2.95 0.00	48.59 2.63 0.00	28.26 1.32 0.00
TILDEN___115KV_TB1 80814	35.71 -0.46 0.00	25.79 -0.30 0.00	28.71 -0.37 0.00	26.80 -0.34 0.00	26.41 -0.31 0.00	35.90 -0.36 0.00	49.73 -0.36 0.00	64.65 -0.36 -3.85	48.12 -0.45 -1.09	31.59 -0.40 0.00	25.82 -0.37 0.00	12.69 -0.18 0.00	8.13 -0.12 0.00	6.26 -0.08 0.00	7.27 -0.10 0.00	16.56 -0.22 0.00	21.80 -0.31 0.00	29.62 -0.32 0.00	55.68 -0.36 0.00	43.83 -0.20 0.00	47.67 -0.34 -0.70	47.57 -0.44 -0.34	45.58 -0.38 0.00	26.70 -0.24 0.00
TRIGEN___CC 323695	37.90 1.73 0.00	27.32 1.24 0.00	30.35 1.28 0.00	28.23 1.09 0.00	27.85 1.14 0.00	37.72 1.46 0.00	51.97 1.89 0.00	63.19 2.02 0.00	49.16 1.69 0.00	33.61 1.61 0.00	27.79 1.59 0.00	13.58 0.71 0.00	8.96 0.47 -0.24	6.70 0.36 0.00	7.84 0.47 0.00	17.99 1.22 0.00	23.84 1.74 0.00	32.07 2.14 0.00	58.85 2.80 0.00	46.20 2.17 0.00	49.50 2.18 0.00	50.02 2.36 0.00	48.14 2.17 0.00	28.28 1.34 0.00
TRINITY___115KV___4 BK 55933	37.34 1.16 0.00	26.85 0.77 0.00	29.98 0.91 0.00	27.95 0.81 0.00	27.47 0.76 0.00	37.28 1.03 0.00	51.32 1.23 0.00	62.58 1.42 0.00	48.62 1.14 0.00	32.89 0.89 0.00	26.92 0.72 0.00	13.22 0.35 0.00	8.45 0.20 0.00	6.50 0.16 0.00	7.56 0.19 0.00	17.27 0.50 0.00	22.86 0.75 0.00	30.94 1.00 0.00	57.55 1.51 0.00	45.01 0.99 0.00	48.65 1.34 0.00	49.02 1.36 0.00	47.16 1.20 0.00	27.69 0.75 0.00
UNION___PROCESSING_DRP 323587	32.82 -1.86 1.50	24.78 -1.31 0.00	27.40 -1.45 0.23	25.83 -1.30 0.00	24.81 -1.26 0.64	34.32 -1.55 0.39	44.28 -2.01 3.80	45.79 -2.82 12.56	34.99 -2.27 10.22	29.67 -1.85 0.48	24.66 -1.54 0.00	12.10 -0.77 0.00	7.80 -0.45 0.00	6.01 -0.33 0.00	6.97 -0.39 0.00	15.81 -0.97 0.00	20.42 -1.32 0.37	28.01 -1.68 0.26	28.67 -2.30 25.08	39.06 -1.60 3.36	43.47 -1.92 1.92	41.22 -2.21 4.23	25.82 -1.60 18.54	22.20 -1.21 3.53
UPPER HUDSON___HYD 24058	37.48 1.30 0.00	26.89 0.81 0.00	29.98 0.90 0.00	27.95 0.82 0.00	27.51 0.80 0.00	37.50 1.23 0.00	51.86 1.77 0.00	63.33 2.17 0.00	48.99 1.51 0.00	32.91 0.91 0.00	26.68 0.49 0.00	13.00 0.13 0.00	8.26 0.01 0.00	6.35 0.01 0.00	7.39 0.02 0.00	16.93 0.15 0.00	22.59 0.48 0.00	30.94 1.00 0.00	58.00 1.95 0.00	45.35 1.32 0.00	49.14 1.83 0.00	49.37 1.71 0.00	47.31 1.35 0.00	27.69 0.75 0.00
UPPER RAQUET___HYD 24056	35.92 -0.25 0.00	25.83 -0.26 0.00	28.88 -0.20 0.00	27.04 -0.10 0.00	26.57 -0.15 0.00	36.18 -0.07 0.00	50.30 0.21 0.00	61.60 0.44 0.00	47.80 0.32 0.00	32.15 0.15 0.00	26.18 -0.01 0.00	12.76 -0.11 0.00	8.14 -0.12 0.00	6.21 -0.13 0.00	7.16 -0.21 0.00	16.10 -0.68 0.00	21.25 -0.86 0.00	28.71 -1.23 0.00	54.48 -1.57 0.00	43.31 -0.72 0.00	46.42 -0.89 0.00	47.09 -0.57 0.00	45.40 -0.56 0.00	26.59 -0.35 0.00
VALLEY44_115KV_TB2 355964	30.52 -2.13 3.53	24.69 -1.39 0.00	27.09 -1.50 0.48	25.71 -1.42 0.00	22.53 -1.40 2.77	30.70 -1.75 3.81	35.16 -2.40 12.53	25.84 -3.53 31.80	24.50 -2.98 20.00	19.35 -1.99 10.65	19.57 -1.47 5.15	10.79 -0.79 1.30	7.77 -0.43 0.05	4.35 -0.29 1.70	4.08 -0.34 2.94	10.11 -0.74 5.92	13.80 -1.21 7.10	17.54 -1.81 10.59	22.23 -3.49 30.33	24.55 -2.05 17.43	25.64 -2.53 19.15	23.82 -2.75 21.09	12.40 -1.76 31.80	17.55 -1.23 8.16
VALLEY___115KV_TB 1-4 80826	36.48 0.30 0.00	26.36 0.27 0.00	29.42 0.34 0.00	27.38 0.25 0.00	26.90 0.19 0.00	36.62 0.36 0.00	50.62 0.53 0.00	61.91 0.75 0.00	47.59 0.12 0.00	31.86 -0.13 0.00	25.98 -0.22 0.00	12.75 -0.12 0.00	8.14 -0.11 0.00	6.26 -0.07 0.00	7.28 -0.09 0.00	16.61 -0.16 0.00	22.04 -0.07 0.00	30.16 0.22 0.00	56.60 0.55 0.00	44.41 0.38 0.00	47.86 0.54 0.00	48.11 0.45 0.00	46.22 0.26 0.00	27.07 0.13 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.09 0.96 -0.96	26.84 0.75 0.00	30.07 0.84 -0.15	27.92 0.78 0.00	27.92 0.80 -0.41	37.68 1.17 -0.25	54.28 1.75 -2.44	65.47 2.19 -2.12	53.88 1.47 -4.93	33.28 0.98 -0.31	26.99 0.79 0.00	13.27 0.39 0.00	8.51 0.26 0.00	6.54 0.20 0.00	7.59 0.22 0.00	17.31 0.54 0.00	22.69 0.59 0.00	30.88 0.94 0.00	57.89 1.84 0.00	45.36 1.33 0.00	48.82 1.29 -0.21	51.30 1.28 -2.35	59.86 1.23 -12.67	30.04 0.69 -2.41
VISCHER___FERRY HYD 24020	37.30 1.12 0.00	26.78 0.70 0.00	29.93 0.86 0.00	27.90 0.76 0.00	27.41 0.70 0.00	37.24 0.98 0.00	51.22 1.14 0.00	62.49 1.33 0.00	48.53 1.05 0.00	32.81 0.81 0.00	26.78 0.58 0.00	13.13 0.25 0.00	8.38 0.13 0.00	6.44 0.11 0.00	7.50 0.13 0.00	17.13 0.35 0.00	22.73 0.62 0.00	30.81 0.87 0.00	57.41 1.36 0.00	44.90 0.87 0.00	48.61 1.30 0.00	48.94 1.28 0.00	47.06 1.09 0.00	27.60 0.66 0.00
V_A_10_SYNC_DSASP 323832	29.71 -3.86 2.60	23.38 -2.70 0.00	25.79 -2.96 0.33	24.46 -2.68 0.00	21.34 -2.62 2.75	28.41 -3.41 4.45	36.60 -4.76 8.74	31.69 -6.71 22.77	21.03 -5.22 21.22	19.43 -3.81 8.76	19.39 -2.98 3.83	10.42 -1.48 0.97	7.36 -0.85 0.04	4.44 -0.64 1.26	4.43 -0.75 2.19	10.55 -1.83 4.40	14.06 -2.54 5.51	18.53 -3.35 8.06	18.13 -5.54 32.38	25.74 -4.12 14.17	28.65 -4.69 13.98	26.94 -5.03 15.69	17.46 -3.74 24.76	17.99 -2.57 6.38
V_CMM_10_SYNC_DSASP 323787	36.10 -0.07 0.00	25.99 -0.10 0.00	29.01 -0.07 0.00	27.13 -0.01 0.00	26.68 -0.03 0.00	36.32 0.06 0.00	50.30 0.21 0.00	61.38 0.22 0.00	47.70 0.22 0.00	32.16 0.16 0.00	26.26 0.07 0.00	12.88 0.00 0.00	8.26 0.00 0.00	6.31 -0.03 0.00	7.32 -0.05 0.00	16.56 -0.21 0.00	21.84 -0.27 0.00	29.50 -0.44 0.00	55.50 -0.54 0.00	43.80 -0.23 0.00	47.10 -0.21 0.00	47.48 -0.18 0.00	45.75 -0.21 0.00	26.82 -0.11 0.00
V_CMP_10_SYNC_DSASP 323788	35.80 -0.37 0.00	25.71 -0.37 0.00	28.77 -0.31 0.00	26.95 -0.19 0.00	26.54 -0.17 0.00	36.22 -0.04 0.00	50.22 0.13 0.00	61.45 0.29 0.00	47.82 0.34 0.00	32.24 0.24 0.00	26.10 -0.10 0.00	12.71 -0.16 0.00	8.17 -0.08 0.00	6.24 -0.10 0.00	7.23 -0.13 0.00	16.40 -0.38 0.00	21.65 -0.46 0.00	29.21 -0.73 0.00	54.98 -1.07 0.00	43.33 -0.70 0.00	46.69 -0.62 0.00	47.11 -0.55 0.00	45.33 -0.63 0.00	26.59 -0.34 0.00
V_D_10_SYNC_DSASP 323841	36.25 0.07 0.00	26.09 0.01 0.00	29.13 0.06 0.00	27.24 0.11 0.00	26.79 0.08 0.00	36.47 0.21 0.00	50.54 0.45 0.00	61.80 0.63 0.00	48.04 0.56 0.00	32.33 0.33 0.00	26.37 0.17 0.00	12.92 0.05 0.00	8.28 0.03 0.00	6.32 -0.02 0.00	7.33 -0.05 0.00	16.57 -0.21 0.00	21.84 -0.27 0.00	29.51 -0.43 0.00	55.61 -0.43 0.00	44.00 -0.03 0.00	47.25 -0.07 0.00	47.72 0.06 0.00	45.94 -0.02 0.00	26.95 0.01 0.00

V_E_10_SYNC_DSASP 323830	37.56 0.77 -0.61	26.57 0.49 0.00	29.49 0.34 -0.08	27.60 0.46 0.00	27.97 0.64 -0.62	38.59 1.35 -0.97	54.46 2.31 -2.06	89.80 3.23 -25.40	58.89 1.10 -10.32	33.66 -0.39 -2.05	26.77 -0.31 -0.89	12.74 -0.36 -0.22	8.04 -0.18 -0.01	6.45 -0.17 -0.29	7.70 -0.30 -0.51	17.49 -0.47 -1.01	22.79 -0.47 -1.14	31.62 -0.07 -1.75	60.60 1.64 -2.90	48.41 1.73 -2.66	55.34 1.28 -6.74	54.07 0.99 -5.42	53.30 1.24 -6.11	29.18 0.69 -1.55
V_F_30_NSYNC_DSASP 323816	37.61 1.43 0.00	27.03 0.94 0.00	30.17 1.09 0.00	28.12 0.98 0.00	27.67 0.95 0.00	37.63 1.37 0.00	51.95 1.86 0.00	63.41 2.25 0.00	49.11 1.64 0.00	33.03 1.04 0.00	26.89 0.69 0.00	13.15 0.27 0.00	8.38 0.13 0.00	6.44 0.10 0.00	7.49 0.13 0.00	17.14 0.37 0.00	22.78 0.68 0.00	31.09 1.15 0.00	58.17 2.13 0.00	45.53 1.50 0.00	49.22 1.90 0.00	49.50 1.84 0.00	47.55 1.59 0.00	27.85 0.91 0.00
V_F_30_SYNC_DSASP 323786	37.47 1.30 0.00	26.95 0.86 0.00	30.09 1.02 0.00	28.05 0.91 0.00	27.57 0.86 0.00	37.43 1.17 0.00	51.56 1.47 0.00	62.90 1.74 0.00	48.84 1.36 0.00	33.01 1.01 0.00	27.00 0.81 0.00	13.26 0.38 0.00	8.47 0.22 0.00	6.52 0.18 0.00	7.58 0.21 0.00	17.33 0.56 0.00	22.95 0.84 0.00	31.08 1.14 0.00	57.84 1.79 0.00	45.24 1.21 0.00	48.86 1.54 0.00	49.22 1.56 0.00	47.35 1.39 0.00	27.80 0.86 0.00
V_XM_10_SYNC_DSASP 323789	35.80 -0.37 0.00	25.71 -0.37 0.00	28.77 -0.31 0.00	26.95 -0.19 0.00	26.54 -0.17 0.00	36.22 -0.04 0.00	50.22 0.13 0.00	61.45 0.29 0.00	47.82 0.34 0.00	32.24 0.24 0.00	26.10 -0.10 0.00	12.71 -0.16 0.00	8.17 -0.08 0.00	6.24 -0.10 0.00	7.23 -0.13 0.00	16.40 -0.38 0.00	21.65 -0.46 0.00	29.21 -0.73 0.00	54.98 -1.07 0.00	43.33 -0.70 0.00	46.69 -0.62 0.00	47.11 -0.55 0.00	45.33 -0.63 0.00	26.59 -0.34 0.00
W.BABYLN_69_KV_BK1 56697	38.50 2.33 0.00	27.77 1.68 0.00	30.86 1.78 0.00	28.69 1.56 0.00	28.31 1.60 0.00	38.35 2.09 0.00	53.53 2.69 -0.76	63.91 2.75 0.00	49.59 2.12 0.00	33.90 1.91 0.00	28.07 1.88 0.00	13.68 0.81 0.00	9.01 0.52 -0.24	6.73 0.39 0.00	7.88 0.51 0.00	18.11 1.34 0.00	24.12 2.01 0.00	32.49 2.56 0.00	59.51 3.46 0.00	46.74 2.71 0.00	50.09 2.77 0.00	50.59 2.93 0.00	48.70 2.74 0.00	28.59 1.65 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	37.69 1.51 0.00	27.11 1.02 0.00	30.15 1.07 0.00	28.04 0.91 0.00	27.69 0.97 0.00	37.52 1.26 0.00	51.88 1.79 0.00	63.50 2.33 0.00	49.33 1.85 0.00	33.52 1.52 0.00	27.62 1.43 0.00	13.53 0.66 0.00	8.69 0.44 0.00	6.69 0.35 0.00	7.82 0.45 0.00	17.92 1.14 0.00	23.64 1.53 0.00	31.91 1.97 0.00	58.92 2.87 0.00	46.12 2.10 0.00	49.41 2.09 0.00	49.92 2.26 0.00	48.03 2.07 0.00	28.17 1.23 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	38.00 1.83 0.00	27.35 1.27 0.00	30.40 1.32 0.00	28.28 1.14 0.00	27.91 1.20 0.00	37.84 1.58 0.00	52.29 2.20 0.00	63.92 2.76 0.00	49.76 2.28 0.00	33.90 1.90 0.00	27.99 1.80 0.00	13.72 0.85 0.00	9.11 0.57 -0.29	6.78 0.45 0.00	7.93 0.56 0.00	18.17 1.40 0.00	23.98 1.87 0.00	32.32 2.38 0.00	59.51 3.46 0.00	46.54 2.51 0.00	49.84 2.52 0.00	50.44 2.78 0.00	48.51 2.55 0.00	28.47 1.53 0.00
W50THST__13_KV_LOAD 356117	38.17 1.99 0.00	27.46 1.38 0.00	30.52 1.44 0.00	28.39 1.26 0.00	28.04 1.33 0.00	38.02 1.76 0.00	52.55 2.46 0.00	64.26 3.10 0.00	50.02 2.54 0.00	34.09 2.10 0.00	28.17 1.97 0.00	13.80 0.93 0.00	9.16 0.62 -0.30	6.83 0.49 0.00	7.98 0.61 0.00	18.29 1.51 0.00	24.13 2.03 0.00	32.53 2.59 0.00	59.86 3.81 0.00	46.80 2.78 0.00	50.10 2.78 0.00	50.69 3.03 0.00	48.74 2.78 0.00	28.60 1.66 0.00
WADING RIVER_IC_1 23522	38.38 2.21 0.00	27.83 1.74 0.00	30.92 1.84 0.00	28.76 1.63 0.00	28.39 1.69 0.00	38.45 2.19 0.00	54.81 2.48 -2.23	63.31 2.15 0.00	49.16 1.69 0.00	33.60 1.61 0.00	27.87 1.68 0.00	13.57 0.69 0.00	8.95 0.47 -0.24	6.66 0.32 0.00	7.79 0.43 0.00	17.95 1.17 0.00	24.04 1.93 0.00	32.47 2.53 0.00	59.43 3.38 0.00	46.57 2.54 0.00	50.02 2.70 0.00	50.23 2.57 0.00	48.30 2.34 0.00	28.21 1.27 0.00
WADING RIVER_IC_2 23547	38.38 2.21 0.00	27.83 1.74 0.00	30.92 1.84 0.00	28.76 1.63 0.00	28.39 1.69 0.00	38.45 2.19 0.00	54.81 2.48 -2.23	63.31 2.15 0.00	49.16 1.69 0.00	33.60 1.61 0.00	27.87 1.68 0.00	13.57 0.69 0.00	8.95 0.47 -0.24	6.66 0.32 0.00	7.79 0.43 0.00	17.95 1.17 0.00	24.04 1.93 0.00	32.47 2.53 0.00	59.43 3.38 0.00	46.57 2.54 0.00	50.02 2.70 0.00	50.23 2.57 0.00	48.30 2.34 0.00	28.21 1.27 0.00
WADING RIVER_IC_3 23601	38.38 2.21 0.00	27.83 1.74 0.00	30.92 1.84 0.00	28.76 1.63 0.00	28.39 1.69 0.00	38.45 2.19 0.00	54.81 2.48 -2.23	63.31 2.15 0.00	49.16 1.69 0.00	33.60 1.61 0.00	27.87 1.68 0.00	13.57 0.69 0.00	8.95 0.47 -0.24	6.66 0.32 0.00	7.79 0.43 0.00	17.95 1.17 0.00	24.04 1.93 0.00	32.47 2.53 0.00	59.43 3.38 0.00	46.57 2.54 0.00	50.02 2.70 0.00	50.23 2.57 0.00	48.30 2.34 0.00	28.21 1.27 0.00
WALDENNY_12_KV_BK2 80841	29.38 -3.34 3.46	23.79 -2.29 0.00	26.15 -2.51 0.42	24.87 -2.27 0.00	20.41 -2.22 4.09	26.59 -2.77 6.89	33.83 -3.91 12.36	24.57 -5.80 30.79	14.03 -4.55 28.89	14.55 -3.36 14.09	17.31 -2.62 6.26	9.96 -1.33 1.58	7.42 -0.77 0.06	3.71 -0.56 2.07	3.12 -0.66 3.59	7.99 -1.57 7.21	11.24 -2.24 8.63	14.10 -2.96 12.88	14.92 -4.70 36.43	19.69 -3.31 21.03	21.47 -3.87 21.97	19.74 -4.34 23.58	11.97 -2.99 31.00	16.09 -2.21 8.64
WALDEN__HYDRO 24148	37.58 1.41 0.00	27.04 0.95 0.00	30.07 0.99 0.00	27.98 0.84 0.00	27.62 0.91 0.00	37.44 1.18 0.00	51.81 1.72 0.00	63.39 2.22 0.00	49.23 1.75 0.00	33.34 1.34 0.00	27.42 1.22 0.00	13.43 0.56 0.00	8.61 0.36 0.00	6.63 0.29 0.00	7.74 0.37 0.00	17.72 0.94 0.00	23.39 1.28 0.00	31.63 1.69 0.00	58.60 2.55 0.00	45.93 1.90 0.00	49.26 1.94 0.00	49.73 2.07 0.00	47.83 1.87 0.00	28.05 1.12 0.00
WARRENSBURG____ 23737	37.48 1.30 0.00	26.89 0.81 0.00	29.98 0.90 0.00	27.95 0.82 0.00	27.51 0.80 0.00	37.49 1.23 0.00	51.86 1.77 0.00	63.33 2.17 0.00	48.98 1.51 0.00	32.91 0.91 0.00	26.69 0.49 0.00	13.00 0.13 0.00	8.26 0.01 0.00	6.35 0.01 0.00	7.39 0.02 0.00	16.93 0.15 0.00	22.59 0.49 0.00	30.94 1.00 0.00	58.00 1.95 0.00	45.35 1.32 0.00	49.15 1.83 0.00	49.37 1.71 0.00	47.30 1.33 0.00	27.69 0.75 0.00
WATERSIDE__6 8 9 23538	38.10 1.92 0.00	27.41 1.33 0.00	30.41 1.33 0.00	28.29 1.16 0.00	27.99 1.27 0.00	37.91 1.65 0.00	52.39 2.30 0.00	64.00 2.84 0.00	49.86 2.38 0.00	33.99 1.99 0.00	28.08 1.88 -0.01	13.75 0.88 0.00	11.24 0.59 -2.40	6.81 0.47 0.00	7.95 0.59 0.00	18.22 1.45 0.00	24.04 1.93 0.00	32.37 2.43 0.00	59.57 3.52 0.00	46.61 2.58 0.00	49.90 2.59 0.00	50.56 2.90 -0.01	48.62 2.66 0.00	28.55 1.60 -0.01

WATKINRD_115KV_LN8_ILLLION 55919	36.42 0.24 0.00	26.29 0.20 0.00	29.32 0.24 0.00	27.32 0.19 0.00	26.86 0.14 0.00	36.53 0.27 0.00	50.46 0.37 0.00	61.68 0.52 0.00	47.58 0.10 0.00	31.91 -0.08 0.00	26.05 -0.15 0.00	12.79 -0.08 0.00	8.18 -0.08 0.00	6.29 -0.05 0.00	7.31 -0.06 0.00	16.67 -0.10 0.00	22.07 -0.04 0.00	30.11 0.18 0.00	56.48 0.43 0.00	44.31 0.28 0.00	47.71 0.39 0.00	48.01 0.34 0.00	46.17 0.21 0.00	27.04 0.10 0.00
WDELAWARE___HYD 323627	37.52 1.35 0.00	27.00 0.92 0.00	30.04 0.96 0.00	27.99 0.85 0.00	27.61 0.90 0.00	37.51 1.25 0.00	51.92 1.83 0.00	63.58 2.41 0.00	49.29 1.81 0.00	33.21 1.21 0.00	27.25 1.06 0.00	13.33 0.46 0.00	8.49 0.24 0.00	6.53 0.19 0.00	7.62 0.25 0.00	17.43 0.66 0.00	23.04 0.93 0.00	31.22 1.28 0.00	58.11 2.06 0.00	45.61 1.58 0.00	48.91 1.60 0.00	49.34 1.68 0.00	47.46 1.50 0.00	27.80 0.86 0.00
WEST BABYLON___IC 23714	38.50 2.33 0.00	27.77 1.68 0.00	30.86 1.78 0.00	28.69 1.56 0.00	28.31 1.60 0.00	38.35 2.09 0.00	53.53 2.69 -0.76	63.91 2.75 0.00	49.59 2.12 0.00	33.90 1.91 0.00	28.07 1.88 0.00	13.68 0.81 0.00	9.01 0.52 -0.24	6.73 0.39 0.00	7.88 0.51 0.00	18.11 1.34 0.00	24.12 2.01 0.00	32.49 2.56 0.00	59.51 3.46 0.00	46.74 2.71 0.00	50.09 2.77 0.00	50.59 2.93 0.00	48.70 2.74 0.00	28.59 1.65 0.00
WEST CANADA___HYD 24049	36.18 0.00 0.00	26.09 0.00 0.00	29.08 0.01 0.00	27.13 0.00 0.00	26.71 0.00 0.00	36.24 -0.01 0.00	50.04 -0.05 0.00	61.11 -0.05 0.00	47.40 -0.08 0.00	31.95 -0.05 0.00	26.15 -0.04 0.00	12.86 -0.02 0.00	8.23 -0.02 0.00	6.33 -0.01 0.00	7.36 -0.01 0.00	16.77 0.00 0.00	22.10 -0.01 0.00	29.96 0.02 0.00	56.08 0.04 0.00	44.01 -0.01 0.00	47.31 0.00 0.00	47.66 -0.01 0.00	45.95 -0.01 0.00	26.93 -0.01 0.00
WESTERN_NY_WIND 24143	31.04 -2.63 2.51	24.27 -1.81 0.00	26.77 -1.99 0.32	25.39 -1.75 0.00	22.48 -1.66 2.57	30.16 -2.02 4.08	39.05 -2.71 8.33	35.19 -3.95 22.01	24.26 -3.18 20.05	21.23 -2.75 8.02	20.30 -2.41 3.48	10.75 -1.25 0.87	7.47 -0.74 0.04	4.64 -0.55 1.15	4.74 -0.64 1.99	11.19 -1.58 4.00	14.07 -2.23 5.81	19.41 -2.42 8.12	20.57 -3.57 31.91	28.47 -2.34 13.22	31.63 -2.75 12.94	29.70 -3.17 14.78	19.21 -1.98 24.78	19.06 -1.64 6.24
WESTOVER___LESR 323668	39.43 -0.47 -3.73	25.83 -0.25 0.00	29.31 -0.33 -0.57	26.81 -0.32 0.00	28.02 -0.29 -1.60	36.95 -0.29 -0.97	59.12 -0.44 -9.47	63.34 -0.26 -2.44	63.47 -0.44 -16.44	32.82 -0.34 -1.16	25.92 -0.27 0.00	12.74 -0.13 0.00	8.19 -0.06 0.00	6.30 -0.04 0.00	7.31 -0.06 0.00	16.63 -0.15 0.00	21.78 -0.29 0.04	29.57 -0.33 0.04	55.56 -0.49 0.00	43.72 -0.30 0.00	46.16 -0.55 0.60	55.11 -0.61 -8.06	92.58 -0.50 -47.12	35.65 -0.27 -8.97
WETHRSFD_WT_PWR 323626	25.95 -3.95 6.28	23.33 -2.66 0.10	25.08 -2.95 1.05	23.19 -2.74 1.20	8.91 -2.73 15.07	8.01 -3.49 24.77	16.14 -5.11 28.84	0.91 -7.46 52.79	-10.65 -5.96 52.16	-10.47 -4.06 38.41	5.14 -3.41 17.64	6.69 -1.72 4.47	7.01 -1.06 0.18	-0.30 -0.79 5.84	-3.71 -0.93 10.16	-5.64 -2.00 20.42	-4.02 -2.80 23.33	-9.05 -3.42 35.57	-18.55 -5.53 69.07	-18.83 -3.89 58.97	-22.26 -4.42 65.16	-16.71 -5.10 59.27	-8.26 -4.24 49.98	7.24 -2.91 16.79
WHAVSTOR_138KV_BK127 55557	37.54 1.37 0.00	27.01 0.92 0.00	30.03 0.95 0.00	27.94 0.80 0.00	27.57 0.87 0.00	37.38 1.11 0.00	51.65 1.56 0.00	63.19 2.03 0.00	49.10 1.63 0.00	33.38 1.38 0.00	27.52 1.33 0.00	13.48 0.61 0.00	8.66 0.40 0.00	6.66 0.32 0.00	7.79 0.42 0.00	17.84 1.07 0.00	23.53 1.42 0.00	31.76 1.82 0.00	58.61 2.55 0.00	45.87 1.85 0.00	49.15 1.84 0.00	49.69 2.03 0.00	47.82 1.86 0.00	28.05 1.11 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	37.54 1.37 0.00	27.01 0.92 0.00	30.03 0.95 0.00	27.94 0.80 0.00	27.57 0.87 0.00	37.38 1.11 0.00	51.65 1.56 0.00	63.19 2.03 0.00	49.10 1.63 0.00	33.38 1.38 0.00	27.52 1.33 0.00	13.48 0.61 0.00	8.66 0.40 0.00	6.66 0.32 0.00	7.79 0.42 0.00	17.84 1.07 0.00	23.53 1.42 0.00	31.76 1.82 0.00	58.61 2.55 0.00	45.87 1.85 0.00	49.15 1.84 0.00	49.69 2.03 0.00	47.82 1.86 0.00	28.05 1.11 0.00
WHITEHAL_115KV_TB1 80871	37.97 1.79 0.00	27.12 1.03 0.00	30.09 1.02 0.00	28.05 0.91 0.00	27.61 0.90 0.00	37.90 1.64 2.59	52.68 2.59 0.00	64.19 3.03 0.00	49.62 2.14 0.00	33.32 1.32 0.00	26.84 0.65 0.00	12.96 0.09 0.00	8.18 -0.07 0.00	6.28 -0.06 0.00	7.35 -0.02 0.00	16.86 0.08 0.00	22.75 0.64 0.00	31.35 1.41 0.00	58.79 2.74 0.00	45.59 1.56 0.00	50.16 2.84 0.00	50.28 2.62 0.00	47.86 1.89 0.00	27.90 0.96 0.00
WHITEPLN_13_KV_LOAD 356215	38.06 1.88 0.00	27.37 1.29 0.00	30.42 1.34 0.00	28.29 1.16 0.00	27.94 1.23 0.00	37.88 1.62 0.00	52.40 2.30 0.00	64.15 2.99 0.00	49.86 2.38 0.00	33.90 1.90 0.00	27.96 1.76 0.00	13.69 0.82 0.00	8.78 0.53 0.00	6.76 0.42 0.00	7.90 0.53 0.00	18.10 1.33 0.00	23.90 1.79 0.00	32.26 2.33 0.00	59.51 3.46 0.00	46.61 2.58 0.00	49.91 2.60 0.00	50.44 2.78 0.00	48.49 2.53 0.00	28.44 1.50 0.00
WM_FLOYD_69_KV_BK2 356380	38.41 2.24 0.00	27.81 1.72 0.00	30.90 1.82 0.00	28.74 1.60 0.00	28.37 1.66 0.00	38.43 2.17 0.00	54.78 2.56 -2.12	63.48 2.32 0.00	49.24 1.76 0.00	33.67 1.67 0.00	27.89 1.70 0.00	13.58 0.70 0.00	8.95 0.46 -0.24	6.67 0.33 0.00	7.80 0.43 0.00	17.96 1.19 0.00	24.04 1.93 0.00	32.47 2.54 0.00	59.41 3.36 0.00	46.60 2.58 0.00	49.99 2.67 0.00	50.34 2.68 0.00	48.40 2.44 0.00	28.32 1.38 0.00
WOODARD_115KV_TB2 355635	35.51 -0.67 0.00	25.64 -0.44 0.00	28.55 -0.53 0.00	26.65 -0.48 0.00	26.26 -0.46 0.00	35.68 -0.58 0.00	49.48 -0.62 0.00	60.47 -0.69 0.00	46.82 -0.66 0.00	31.46 -0.53 0.00	25.73 -0.46 0.00	12.65 -0.23 0.00	8.11 -0.14 0.00	6.24 -0.10 0.00	7.25 -0.12 0.00	16.50 -0.27 0.00	21.73 -0.38 0.00	29.51 -0.43 0.00	55.44 -0.61 0.00	43.60 -0.43 0.00	46.75 -0.56 0.00	47.00 -0.66 0.00	45.36 -0.60 0.00	26.57 -0.37 0.00
WOODMERE_69_KV_BK1 55827	38.31 2.14 0.00	27.60 1.51 0.00	30.66 1.58 0.00	28.51 1.38 0.00	28.13 1.42 0.00	38.12 1.86 0.00	52.60 2.51 0.00	63.92 2.76 0.00	49.71 2.23 0.00	33.96 1.96 0.00	28.06 1.87 0.00	13.71 0.84 -0.24	9.04 0.55 0.00	6.76 0.43 0.00	7.91 0.54 0.00	18.16 1.39 0.00	24.09 1.98 0.00	32.43 2.49 0.00	59.50 3.45 0.00	46.68 2.65 0.00	50.02 2.70 0.00	50.54 2.88 0.00	48.63 2.67 0.00	28.55 1.61 0.00
YORK___WARBASSE 23770	38.07 1.89 0.00	27.37 1.29 0.00	30.27 1.19 0.00	28.18 1.04 0.00	27.96 1.25 0.00	37.88 1.62 0.00	52.39 2.30 0.00	64.06 2.90 0.00	49.91 2.43 0.00	34.01 2.02 0.00	28.07 1.87 -0.01	13.73 0.86 0.00	8.60 0.58 0.23	6.80 0.46 0.00	7.95 0.58 0.00	18.21 1.44 0.00	24.02 1.91 0.00	32.37 2.43 0.00	59.70 3.65 0.00	46.75 2.72 0.00	50.08 2.76 0.00	50.76 3.09 -0.01	48.77 2.81 0.00	28.59 1.64 -0.01