

ALBANY___2 23572	39.21 0.23 0.00	30.72 0.22 0.00	29.78 0.21 0.00	34.05 0.18 0.00	35.26 0.20 0.00	35.61 0.21 0.00	45.52 0.55 0.00	42.35 0.69 0.00	35.81 0.31 0.00	36.25 -0.06 0.00	32.81 -0.04 0.00	27.39 0.06 0.00	25.54 0.03 0.00	26.44 0.04 0.00	29.26 0.09 0.00	35.16 0.24 0.00	52.12 0.35 0.00	45.97 0.62 0.00	47.89 0.68 0.00	51.15 1.02 0.00	49.90 0.94 0.00	42.88 0.68 0.00	39.12 0.68 0.00	38.72 0.67 0.00
ALBANY___3 23573	39.21 0.23 0.00	30.72 0.22 0.00	29.78 0.21 0.00	34.05 0.18 0.00	35.26 0.20 0.00	35.61 0.21 0.00	45.52 0.55 0.00	42.35 0.69 0.00	35.81 0.31 0.00	36.25 -0.06 0.00	32.81 -0.04 0.00	27.39 0.06 0.00	25.54 0.03 0.00	26.44 0.04 0.00	29.26 0.09 0.00	35.16 0.24 0.00	52.12 0.35 0.00	45.97 0.62 0.00	47.89 0.68 0.00	51.15 1.02 0.00	49.90 0.94 0.00	42.88 0.68 0.00	39.12 0.68 0.00	38.72 0.67 0.00
ALBANY___4 23574	39.21 0.23 0.00	30.72 0.22 0.00	29.78 0.21 0.00	34.05 0.18 0.00	35.26 0.20 0.00	35.61 0.21 0.00	45.52 0.55 0.00	42.35 0.69 0.00	35.81 0.31 0.00	36.25 -0.06 0.00	32.81 -0.04 0.00	27.39 0.06 0.00	25.54 0.03 0.00	26.44 0.04 0.00	29.26 0.09 0.00	35.16 0.24 0.00	52.12 0.35 0.00	45.97 0.62 0.00	47.89 0.68 0.00	51.15 1.02 0.00	49.90 0.94 0.00	42.88 0.68 0.00	39.12 0.68 0.00	38.72 0.67 0.00
ALBANY___LFGE 323615	39.59 0.62 0.00	31.02 0.52 0.00	30.07 0.50 0.00	34.39 0.52 0.00	35.61 0.55 0.00	35.97 0.57 0.00	46.01 1.04 0.00	42.81 1.14 0.00	36.21 0.71 0.00	36.65 0.34 0.00	33.18 0.32 0.00	27.68 0.35 0.00	25.80 0.29 0.00	26.72 0.32 0.00	29.58 0.41 0.00	35.55 0.63 0.00	52.73 0.96 0.00	46.51 1.16 0.00	48.44 1.23 0.00	51.65 1.52 0.00	50.36 1.40 0.00	43.25 1.05 0.00	39.45 1.01 0.00	39.03 0.98 0.00
ALCOA_PA_115KV_PL-6C 55860	39.79 0.81 0.00	31.29 0.79 0.00	30.34 0.76 0.00	34.77 0.90 0.00	35.81 0.74 0.00	36.06 0.66 0.00	45.31 0.34 0.00	41.74 0.08 0.00	35.72 0.21 0.00	36.90 0.59 0.00	33.39 0.53 0.00	27.75 0.42 0.00	25.95 0.44 0.00	26.87 0.47 0.00	29.63 0.46 0.00	35.44 0.52 0.00	52.35 0.58 0.00	45.39 0.04 0.00	47.11 -0.10 0.00	50.16 0.03 0.00	49.43 0.47 0.00	42.85 0.65 0.00	39.04 0.60 0.00	38.66 0.61 0.00
ALCOA_RYNLDS___DRP 24188	39.79 0.81 0.00	31.29 0.79 0.00	30.34 0.76 0.00	34.77 0.90 0.00	35.81 0.74 0.00	36.06 0.66 0.00	45.31 0.34 0.00	41.74 0.08 0.00	35.72 0.21 0.00	36.90 0.59 0.00	33.39 0.53 0.00	27.75 0.42 0.00	25.95 0.44 0.00	26.87 0.47 0.00	29.63 0.46 0.00	35.44 0.52 0.00	52.35 0.58 0.00	45.39 0.04 0.00	47.11 -0.10 0.00	50.16 0.03 0.00	49.43 0.47 0.00	42.85 0.65 0.00	39.04 0.60 0.00	38.66 0.61 0.00
ALCOA___DSASP 323711	39.79 0.81 0.00	31.29 0.79 0.00	30.34 0.76 0.00	34.76 0.90 0.00	35.81 0.74 0.00	36.06 0.66 0.00	45.31 0.34 0.00	41.75 0.08 0.00	35.72 0.22 0.00	36.90 0.58 0.00	33.39 0.54 0.00	27.75 0.42 0.00	25.95 0.44 0.00	26.87 0.47 0.00	29.63 0.46 0.00	35.44 0.52 0.00	52.35 0.58 0.00	45.38 0.03 0.00	47.11 -0.10 0.00	50.16 0.03 0.00	49.43 0.47 0.00	42.85 0.65 0.00	39.04 0.60 0.00	38.66 0.61 0.00
ALLEGHENY___COGEN 23514	38.33 -0.79 -0.14	30.45 -0.78 -0.74	29.65 -0.65 -0.72	34.20 -0.56 -0.89	35.01 -0.54 -0.48	35.39 -0.39 -0.38	45.75 -0.14 -0.92	42.78 0.00 -1.11	35.84 0.06 -0.28	36.28 -0.04 0.00	32.67 -0.18 0.00	27.03 -0.30 0.00	25.28 -0.23 0.00	25.95 -0.44 0.00	28.34 -0.83 0.00	33.45 -1.47 0.00	50.65 -1.12 0.00	45.21 -0.14 0.00	47.41 0.19 0.00	50.08 -0.05 0.00	47.63 -0.70 0.63	39.16 -1.28 1.75	37.19 -1.25 0.00	36.74 -1.31 0.00
ALTAMONT_115KV_TB 2 55880	39.71 0.73 0.00	31.09 0.59 0.00	30.14 0.57 0.00	34.48 0.61 0.00	35.71 0.64 0.00	36.06 0.66 0.00	46.08 1.11 0.00	42.87 1.21 0.00	36.35 0.85 0.00	36.85 0.54 0.00	33.33 0.47 0.00	27.77 0.43 0.00	25.89 0.37 0.00	26.81 0.41 0.00	29.67 0.50 0.00	35.59 0.68 0.00	52.87 1.10 0.00	46.61 1.26 0.00	48.56 1.35 0.00	51.59 1.45 0.00	50.24 1.28 0.00	43.16 0.96 0.00	39.36 0.92 0.00	38.97 0.92 0.00
ALTONA_WT_PWR 323606	41.24 2.26 0.00	32.19 1.69 0.00	31.23 1.66 0.00	35.76 1.89 0.00	37.00 1.93 0.00	37.10 1.70 0.00	46.77 1.80 0.00	42.95 1.29 0.00	36.58 1.09 0.00	37.83 1.51 0.00	34.05 1.20 0.00	28.24 0.92 0.00	26.30 0.78 0.00	27.28 0.88 0.00	30.21 1.04 0.00	36.16 1.24 0.00	53.84 2.07 0.00	46.59 1.24 0.00	48.52 1.30 0.00	51.56 1.43 0.00	50.57 1.61 0.00	43.53 1.33 0.00	39.69 1.24 0.00	39.21 1.16 0.00
AMERICAN_REF_FUEL 24010	34.45 -3.85 0.67	24.02 -3.01 3.47	23.37 -2.81 3.40	26.71 -3.00 4.16	29.49 -3.30 2.27	30.22 -3.40 1.77	36.18 -4.37 4.41	31.34 -4.40 5.92	30.98 -3.52 1.00	33.01 -3.31 0.00	29.92 -2.94 0.00	24.89 -2.44 0.00	23.45 -2.06 0.00	24.21 -2.19 0.00	26.45 -2.72 0.00	31.24 -3.68 0.00	46.10 -5.67 0.00	40.33 -5.03 0.00	42.23 -4.99 0.00	44.60 -5.54 0.00	43.02 -5.66 0.28	35.98 -5.42 0.79	33.46 -4.98 0.00	33.12 -4.93 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.15 -1.97 0.85	24.24 -1.86 4.40	23.57 -1.69 4.31	26.82 -1.77 5.28	30.31 -1.87 2.89	31.37 -1.78 2.25	37.57 -1.80 5.60	32.35 -1.82 7.49	32.61 -1.48 1.41	34.92 -1.40 0.00	31.63 -1.22 0.00	26.30 -1.03 0.00	24.81 -0.70 0.00	25.72 -0.67 0.00	28.22 -0.95 0.00	33.39 -1.53 0.00	49.57 -2.20 0.00	43.22 -2.13 0.00	45.17 -2.05 0.00	47.52 -2.61 0.00	45.26 -3.34 0.37	37.51 -3.66 1.03	34.96 -3.48 0.00	34.56 -3.49 0.00
ARTHUR KILL_GT_1 23520	40.66 1.68 0.00	31.77 1.27 0.00	30.70 1.13 0.00	35.12 1.25 0.00	36.52 1.45 0.00	36.99 1.59 0.00	42.71 2.27 4.53	39.65 2.43 4.44	36.28 2.10 1.32	38.19 1.88 0.00	34.62 1.76 0.00	29.86 1.50 -1.04	27.84 1.25 -1.07	27.86 1.39 -0.07	31.22 1.58 -0.47	36.78 1.86 0.00	39.90 2.64 14.51	39.72 2.64 8.28	43.86 2.90 6.25	53.19 3.06 0.00	46.65 2.44 4.76	42.97 1.92 1.15	40.29 1.85 0.00	39.98 1.93 0.00
ARTHUR_KILL_2 23512	40.56 1.58 0.00	31.69 1.19 0.00	30.62 1.04 0.00	35.02 1.15 0.00	36.42 1.35 0.00	36.88 1.48 0.00	42.56 2.12 4.53	39.52 2.30 4.44	36.17 2.00 1.32	38.09 1.77 0.00	34.53 1.67 0.00	29.79 1.42 -1.04	27.77 1.18 -1.07	27.79 1.32 -0.07	31.14 1.49 -0.47	36.68 1.76 0.00	39.74 2.47 14.51	39.57 2.49 8.28	43.70 2.74 6.25	53.02 2.89 0.00	46.48 2.28 4.76	42.83 1.78 1.15	40.18 1.74 0.00	39.87 1.83 0.00
ARTHUR_KILL_3 23513	40.43 1.46 0.00	31.61 1.10 0.00	30.51 0.93 0.00	34.90 1.03 0.00	36.27 1.20 0.00	36.72 1.32 0.00	41.12 2.10 5.95	39.49 2.27 4.44	36.16 1.98 1.32	38.04 1.72 0.00	34.51 1.66 0.00	29.82 1.46 -1.04	27.89 1.31 -1.07	27.85 1.38 -0.07	31.24 1.60 -0.47	36.75 1.83 0.00	39.88 2.62 14.51	39.74 2.67 8.28	39.74 2.89 10.36	39.49 2.93 13.57	39.65 2.36 11.67	40.13 1.83 3.90	39.61 1.67 0.51	39.60 1.71 0.16

ARTHUR_KILL_COGEN 323718	40.66 1.68 0.00	31.77 1.27 0.00	30.70 1.13 0.00	35.12 1.25 0.00	36.52 1.45 0.00	36.99 1.59 0.00	42.71 2.27 4.53	39.65 2.43 4.44	36.28 2.10 1.32	38.19 1.88 0.00	34.62 1.76 0.00	29.86 1.50 -1.04	27.84 1.25 -1.07	27.86 1.39 -0.07	31.22 1.58 -0.47	36.78 1.86 0.00	39.90 2.64 14.51	39.72 2.64 8.28	43.86 2.90 6.25	53.19 3.06 0.00	46.65 2.44 4.76	42.97 1.92 1.15	40.29 1.85 0.00	39.98 1.93 0.00
ASHOKAN____ 23654	40.62 1.65 0.00	31.77 1.27 0.00	30.88 1.31 0.00	35.37 1.50 0.00	36.66 1.59 0.00	37.15 1.75 0.00	47.71 2.74 0.00	44.82 3.16 0.00	38.01 2.50 0.00	38.09 1.78 0.00	34.23 1.37 0.00	28.40 1.07 0.00	26.47 0.95 0.00	27.37 0.97 0.00	30.40 1.23 0.00	36.69 1.77 0.00	55.10 3.33 0.00	49.05 3.70 0.00	51.22 4.00 0.00	54.47 4.34 0.00	52.87 3.91 0.00	45.30 3.10 0.00	41.19 2.74 0.00	40.68 2.62 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.63 1.65 0.00	31.71 1.21 0.00	30.57 1.00 0.00	34.95 1.08 0.00	36.39 1.32 0.00	36.86 1.46 0.00	47.29 2.32 0.00	44.08 2.42 0.00	37.66 2.16 0.00	38.14 1.82 0.00	34.62 1.76 0.00	29.79 1.43 -1.03	27.73 1.15 -1.07	27.85 1.38 -0.07	31.20 1.56 -0.47	36.82 1.90 0.00	54.51 2.74 0.00	48.22 2.87 0.00	50.29 3.07 0.00	53.30 3.17 0.00	51.59 2.62 0.00	44.20 2.00 0.00	40.24 1.80 0.00	39.84 1.79 0.00
ASTORIA_EAST_ENERGY_CC2 323582	40.62 1.65 0.00	31.71 1.21 0.00	30.57 1.00 0.00	34.95 1.08 0.00	36.39 1.32 0.00	36.86 1.46 0.00	47.29 2.32 0.00	44.08 2.42 0.00	37.66 2.16 0.00	38.14 1.82 0.00	34.62 1.76 0.00	29.79 1.43 -1.03	27.73 1.15 -1.07	27.85 1.38 -0.07	31.20 1.56 -0.47	36.82 1.90 0.00	54.51 2.74 0.00	48.22 2.87 0.00	50.29 3.07 0.00	53.30 3.17 0.00	51.59 2.62 0.00	44.20 2.00 0.00	40.24 1.80 0.00	39.84 1.79 0.00
ASTORIA_GT2_1 24094	40.64 1.66 0.00	31.72 1.22 0.00	30.59 1.02 0.00	34.97 1.10 0.00	36.40 1.33 0.00	36.88 1.48 0.00	47.32 2.35 0.00	44.11 2.45 0.00	37.68 2.18 0.00	38.17 1.85 0.00	34.63 1.77 0.00	29.82 1.46 -1.03	27.80 1.22 -1.06	27.86 1.39 -0.07	31.25 1.61 -0.47	36.84 1.92 0.00	54.54 2.77 0.00	48.24 2.89 0.00	50.32 3.10 0.00	53.32 3.19 0.00	51.62 2.66 0.00	44.22 2.03 0.00	40.26 1.82 0.00	39.85 1.80 0.00
ASTORIA_GT2_2 24095	40.64 1.66 0.00	31.72 1.22 0.00	30.59 1.02 0.00	34.97 1.10 0.00	36.40 1.33 0.00	36.88 1.48 0.00	47.32 2.35 0.00	44.11 2.45 0.00	37.68 2.18 0.00	38.17 1.85 0.00	34.63 1.77 0.00	29.82 1.46 -1.03	27.80 1.22 -1.06	27.86 1.39 -0.07	31.25 1.61 -0.47	36.84 1.92 0.00	54.54 2.77 0.00	48.24 2.89 0.00	50.32 3.10 0.00	53.32 3.19 0.00	51.62 2.66 0.00	44.22 2.03 0.00	40.26 1.82 0.00	39.85 1.80 0.00
ASTORIA_GT2_3 24096	40.64 1.66 0.00	31.72 1.22 0.00	30.59 1.02 0.00	34.97 1.10 0.00	36.40 1.33 0.00	36.88 1.48 0.00	47.32 2.35 0.00	44.11 2.45 0.00	37.68 2.18 0.00	38.17 1.85 0.00	34.63 1.77 0.00	29.82 1.46 -1.03	27.80 1.22 -1.06	27.86 1.39 -0.07	31.25 1.61 -0.47	36.84 1.92 0.00	54.54 2.77 0.00	48.24 2.89 0.00	50.32 3.10 0.00	53.32 3.19 0.00	51.62 2.66 0.00	44.22 2.03 0.00	40.26 1.82 0.00	39.85 1.80 0.00
ASTORIA_GT2_4 24097	40.64 1.66 0.00	31.72 1.22 0.00	30.59 1.02 0.00	34.97 1.10 0.00	36.40 1.33 0.00	36.88 1.48 0.00	47.32 2.35 0.00	44.11 2.45 0.00	37.68 2.18 0.00	38.17 1.85 0.00	34.63 1.77 0.00	29.82 1.46 -1.03	27.80 1.22 -1.06	27.86 1.39 -0.07	31.25 1.61 -0.47	36.84 1.92 0.00	54.54 2.77 0.00	48.24 2.89 0.00	50.32 3.10 0.00	53.32 3.19 0.00	51.62 2.66 0.00	44.22 2.03 0.00	40.26 1.82 0.00	39.85 1.80 0.00
ASTORIA_GT3_1 24098	40.64 1.66 0.00	31.72 1.22 0.00	30.59 1.02 0.00	34.97 1.10 0.00	36.40 1.33 0.00	36.88 1.48 0.00	47.32 2.35 0.00	44.11 2.45 0.00	37.68 2.18 0.00	38.17 1.85 0.00	34.63 1.77 0.00	29.82 1.46 -1.03	27.80 1.22 -1.06	27.86 1.39 -0.07	31.25 1.61 -0.47	36.84 1.92 0.00	54.54 2.77 0.00	48.24 2.89 0.00	50.32 3.10 0.00	53.32 3.19 0.00	51.62 2.66 0.00	44.22 2.03 0.00	40.26 1.82 0.00	39.85 1.80 0.00
ASTORIA_GT3_2 24099	40.64 1.66 0.00	31.72 1.22 0.00	30.59 1.02 0.00	34.97 1.10 0.00	36.40 1.33 0.00	36.88 1.48 0.00	47.32 2.35 0.00	44.11 2.45 0.00	37.68 2.18 0.00	38.17 1.85 0.00	34.63 1.77 0.00	29.82 1.46 -1.03	27.80 1.22 -1.06	27.86 1.39 -0.07	31.25 1.61 -0.47	36.84 1.92 0.00	54.54 2.77 0.00	48.24 2.89 0.00	50.32 3.10 0.00	53.32 3.19 0.00	51.62 2.66 0.00	44.22 2.03 0.00	40.26 1.82 0.00	39.85 1.80 0.00
ASTORIA_GT3_3 24100	40.64 1.66 0.00	31.72 1.22 0.00	30.59 1.02 0.00	34.97 1.10 0.00	36.40 1.33 0.00	36.88 1.48 0.00	47.32 2.35 0.00	44.11 2.45 0.00	37.68 2.18 0.00	38.17 1.85 0.00	34.63 1.77 0.00	29.82 1.46 -1.03	27.80 1.22 -1.06	27.86 1.39 -0.07	31.25 1.61 -0.47	36.84 1.92 0.00	54.54 2.77 0.00	48.24 2.89 0.00	50.32 3.10 0.00	53.32 3.19 0.00	51.62 2.66 0.00	44.22 2.03 0.00	40.26 1.82 0.00	39.85 1.80 0.00
ASTORIA_GT3_4 24101	40.64 1.66 0.00	31.72 1.22 0.00	30.59 1.02 0.00	34.97 1.10 0.00	36.40 1.33 0.00	36.88 1.48 0.00	47.32 2.35 0.00	44.11 2.45 0.00	37.68 2.18 0.00	38.17 1.85 0.00	34.63 1.77 0.00	29.82 1.46 -1.03	27.80 1.22 -1.06	27.86 1.39 -0.07	31.25 1.61 -0.47	36.84 1.92 0.00	54.54 2.77 0.00	48.24 2.89 0.00	50.32 3.10 0.00	53.32 3.19 0.00	51.62 2.66 0.00	44.22 2.03 0.00	40.26 1.82 0.00	39.85 1.80 0.00
ASTORIA_GT4_1 24102	40.64 1.66 0.00	31.72 1.22 0.00	30.59 1.02 0.00	34.97 1.10 0.00	36.40 1.33 0.00	36.88 1.48 0.00	47.32 2.35 0.00	44.11 2.45 0.00	37.68 2.18 0.00	38.17 1.85 0.00	34.63 1.77 0.00	29.82 1.46 -1.03	27.80 1.22 -1.06	27.86 1.39 -0.07	31.25 1.61 -0.47	36.84 1.92 0.00	54.54 2.77 0.00	48.24 2.89 0.00	50.32 3.10 0.00	53.32 3.19 0.00	51.62 2.66 0.00	44.22 2.03 0.00	40.26 1.82 0.00	39.85 1.80 0.00
ASTORIA_GT4_2 24103	40.64 1.66 0.00	31.72 1.22 0.00	30.59 1.02 0.00	34.97 1.10 0.00	36.40 1.33 0.00	36.88 1.48 0.00	47.32 2.35 0.00	44.11 2.45 0.00	37.68 2.18 0.00	38.17 1.85 0.00	34.63 1.77 0.00	29.82 1.46 -1.03	27.80 1.22 -1.06	27.86 1.39 -0.07	31.25 1.61 -0.47	36.84 1.92 0.00	54.54 2.77 0.00	48.24 2.89 0.00	50.32 3.10 0.00	53.32 3.19 0.00	51.62 2.66 0.00	44.22 2.03 0.00	40.26 1.82 0.00	39.85 1.80 0.00
ASTORIA_GT4_3 24104	40.64 1.66 0.00	31.72 1.22 0.00	30.59 1.02 0.00	34.97 1.10 0.00	36.40 1.33 0.00	36.88 1.48 0.00	47.32 2.35 0.00	44.11 2.45 0.00	37.68 2.18 0.00	38.17 1.85 0.00	34.63 1.77 0.00	29.82 1.46 -1.03	27.80 1.22 -1.06	27.86 1.39 -0.07	31.25 1.61 -0.47	36.84 1.92 0.00	54.54 2.77 0.00	48.24 2.89 0.00	50.32 3.10 0.00	53.32 3.19 0.00	51.62 2.66 0.00	44.22 2.03 0.00	40.26 1.82 0.00	39.85 1.80 0.00

ASTORIA_GT4_4 24105	40.64 1.66 0.00	31.72 1.22 0.00	30.59 1.02 0.00	34.97 1.10 0.00	36.40 1.33 0.00	36.88 1.48 0.00	47.32 2.35 0.00	44.11 2.45 0.00	37.68 2.18 0.00	38.17 1.85 0.00	34.63 1.77 0.00	29.82 1.46 -1.03	27.80 1.22 -1.06	27.86 1.39 -0.07	31.25 1.61 -0.47	36.84 1.92 0.00	54.54 2.77 0.00	48.24 2.89 0.00	50.32 3.10 0.00	53.32 3.19 0.00	51.62 2.66 0.00	44.22 2.03 0.00	40.26 1.82 0.00	39.85 1.80 0.00
ASTORIA_GT_1 23523	40.70 1.72 0.00	31.77 1.26 0.00	30.63 1.06 0.00	35.02 1.15 0.00	36.46 1.40 0.00	36.94 1.54 0.00	47.41 2.44 0.00	44.19 2.53 0.00	37.76 2.25 0.00	38.24 1.93 0.00	34.70 1.85 0.00	29.86 1.50 -1.03	27.79 1.21 -1.07	27.92 1.45 -0.07	31.29 1.64 -0.47	36.91 1.99 0.00	54.65 2.88 0.00	48.34 2.99 0.00	50.42 3.20 0.00	53.43 3.30 0.00	51.71 2.75 0.00	44.31 2.11 0.00	40.34 1.90 0.00	39.92 1.87 0.00
ASTORIA_GT_10 24110	40.61 1.64 0.00	31.73 1.23 0.00	30.63 1.06 0.00	35.03 1.16 0.00	36.43 1.36 0.00	36.90 1.50 0.00	47.34 2.37 0.00	44.17 2.51 0.00	37.65 2.15 0.00	38.21 1.89 0.00	34.64 1.79 0.00	29.84 1.48 -1.04	27.87 1.28 -1.07	27.88 1.41 -0.07	31.32 1.68 -0.47	36.88 1.96 0.00	54.60 2.83 0.00	48.24 2.89 0.00	50.33 3.12 0.00	53.29 3.16 0.00	51.59 2.63 0.00	44.25 2.06 0.00	40.30 1.86 0.00	39.92 1.87 0.00
ASTORIA_GT_11 24225	40.61 1.64 0.00	31.73 1.23 0.00	30.63 1.06 0.00	35.03 1.16 0.00	36.43 1.36 0.00	36.90 1.50 0.00	47.34 2.37 0.00	44.17 2.51 0.00	37.65 2.15 0.00	38.21 1.89 0.00	34.64 1.79 0.00	29.84 1.48 -1.04	27.87 1.28 -1.07	27.88 1.41 -0.07	31.32 1.68 -0.47	36.88 1.96 0.00	54.60 2.83 0.00	48.24 2.89 0.00	50.33 3.12 0.00	53.29 3.16 0.00	51.59 2.63 0.00	44.25 2.06 0.00	40.30 1.86 0.00	39.92 1.87 0.00
ASTORIA_GT_12 24226	40.61 1.64 0.00	31.73 1.23 0.00	30.63 1.06 0.00	35.03 1.16 0.00	36.43 1.36 0.00	36.90 1.50 0.00	47.34 2.37 0.00	44.17 2.51 0.00	37.65 2.15 0.00	38.21 1.89 0.00	34.64 1.79 0.00	29.84 1.48 -1.04	27.87 1.28 -1.07	27.88 1.41 -0.07	31.32 1.68 -0.47	36.88 1.96 0.00	54.60 2.83 0.00	48.24 2.89 0.00	50.33 3.12 0.00	53.29 3.16 0.00	51.59 2.63 0.00	44.25 2.06 0.00	40.30 1.86 0.00	39.92 1.87 0.00
ASTORIA_GT_13 24227	40.61 1.64 0.00	31.73 1.23 0.00	30.63 1.06 0.00	35.03 1.16 0.00	36.43 1.36 0.00	36.90 1.50 0.00	47.34 2.37 0.00	44.17 2.51 0.00	37.65 2.15 0.00	38.21 1.89 0.00	34.64 1.79 0.00	29.84 1.48 -1.04	27.87 1.28 -1.07	27.88 1.41 -0.07	31.32 1.68 -0.47	36.88 1.96 0.00	54.60 2.83 0.00	48.24 2.89 0.00	50.33 3.12 0.00	53.29 3.16 0.00	51.59 2.63 0.00	44.25 2.06 0.00	40.30 1.86 0.00	39.92 1.87 0.00
ASTORIA_GT_5 24106	40.71 1.73 0.00	31.77 1.27 0.00	30.64 1.06 0.00	35.02 1.15 0.00	36.46 1.39 0.00	36.94 1.54 0.00	47.41 2.44 0.00	44.20 2.54 0.00	37.76 2.26 0.00	38.24 1.93 0.00	34.70 1.84 0.00	29.88 1.52 -1.03	27.85 1.27 -1.06	27.91 1.45 -0.07	31.31 1.67 -0.47	36.91 1.99 0.00	54.64 2.87 0.00	48.35 3.00 0.00	50.42 3.20 0.00	53.43 3.30 0.00	51.72 2.76 0.00	44.31 2.11 0.00	40.33 1.90 0.00	39.92 1.87 0.00
ASTORIA_GT_7 24107	40.71 1.73 0.00	31.77 1.27 0.00	30.64 1.06 0.00	35.02 1.15 0.00	36.46 1.39 0.00	36.94 1.54 0.00	47.41 2.44 0.00	44.20 2.54 0.00	37.76 2.26 0.00	38.24 1.93 0.00	34.70 1.84 0.00	29.88 1.52 -1.03	27.85 1.27 -1.06	27.91 1.45 -0.07	31.31 1.67 -0.47	36.91 1.99 0.00	54.64 2.87 0.00	48.35 3.00 0.00	50.42 3.20 0.00	53.43 3.30 0.00	51.72 2.76 0.00	44.31 2.11 0.00	40.33 1.90 0.00	39.92 1.87 0.00
ASTORIA_GT_8 24108	40.71 1.73 0.00	31.77 1.27 0.00	30.64 1.06 0.00	35.02 1.15 0.00	36.46 1.39 0.00	36.94 1.54 0.00	47.41 2.44 0.00	44.20 2.54 0.00	37.76 2.26 0.00	38.24 1.93 0.00	34.70 1.84 0.00	29.88 1.52 -1.03	27.85 1.27 -1.06	27.91 1.45 -0.07	31.31 1.67 -0.47	36.91 1.99 0.00	54.64 2.87 0.00	48.35 3.00 0.00	50.42 3.20 0.00	53.43 3.30 0.00	51.72 2.76 0.00	44.31 2.11 0.00	40.33 1.90 0.00	39.92 1.87 0.00
ASTORIA___2 24149	40.64 1.66 0.00	31.72 1.22 0.00	30.59 1.01 0.00	34.96 1.09 0.00	36.40 1.33 0.00	36.87 1.47 0.00	47.31 2.35 0.00	44.11 2.45 0.00	37.68 2.18 0.00	38.17 1.85 0.00	34.64 1.78 0.00	29.81 1.45 -1.03	27.74 1.16 -1.07	27.87 1.40 -0.07	31.22 1.58 -0.47	36.84 1.92 0.00	54.54 2.77 0.00	48.24 2.89 0.00	50.32 3.10 0.00	53.32 3.19 0.00	51.62 2.65 0.00	44.22 2.03 0.00	40.26 1.82 0.00	39.85 1.80 0.00
ASTORIA___3 23516	40.61 1.64 0.00	31.73 1.23 0.00	30.63 1.06 0.00	35.03 1.16 0.00	36.43 1.36 0.00	36.90 1.50 0.00	47.33 2.36 0.00	44.16 2.50 0.00	37.64 2.14 0.00	38.21 1.89 0.00	34.65 1.79 0.00	29.84 1.47 -1.04	27.85 1.26 -1.08	27.89 1.42 -0.07	31.32 1.67 -0.48	36.88 1.96 0.00	54.60 2.83 0.00	48.25 2.89 0.00	50.33 3.12 0.00	53.29 3.16 0.00	51.59 2.62 0.00	44.25 2.05 0.00	40.30 1.86 0.00	39.92 1.87 0.00
ASTORIA___4 23517	40.61 1.64 0.00	31.73 1.23 0.00	30.63 1.06 0.00	35.03 1.16 0.00	36.43 1.36 0.00	36.90 1.50 0.00	47.34 2.37 0.00	44.17 2.51 0.00	37.65 2.15 0.00	38.21 1.89 0.00	34.64 1.79 0.00	29.84 1.48 -1.04	27.87 1.28 -1.07	27.88 1.41 -0.07	31.32 1.68 -0.47	36.88 1.96 0.00	54.60 2.83 0.00	48.24 2.89 0.00	50.33 3.12 0.00	53.29 3.16 0.00	51.59 2.63 0.00	44.25 2.06 0.00	40.30 1.86 0.00	39.92 1.87 0.00
ASTORIA___5 23518	40.61 1.64 0.00	31.73 1.23 0.00	30.63 1.06 0.00	35.03 1.16 0.00	36.43 1.36 0.00	36.90 1.50 0.00	47.33 2.36 0.00	44.16 2.50 0.00	37.64 2.14 0.00	38.21 1.89 0.00	34.65 1.79 0.00	29.84 1.47 -1.04	27.85 1.26 -1.08	27.89 1.42 -0.07	31.32 1.67 -0.48	36.88 1.96 0.00	54.60 2.83 0.00	48.25 2.89 0.00	50.33 3.12 0.00	53.29 3.16 0.00	51.59 2.62 0.00	44.25 2.05 0.00	40.30 1.86 0.00	39.92 1.87 0.00
AST_ENERGY_2_CC3 323677	40.57 1.59 0.00	31.70 1.20 0.00	30.61 1.03 0.00	35.00 1.13 0.00	36.39 1.32 0.00	36.84 1.43 0.00	47.22 2.25 0.00	44.09 2.42 0.00	37.58 2.08 0.00	38.14 1.83 0.00	34.61 1.75 0.00	29.89 1.53 -1.03	27.96 1.39 -1.06	27.92 1.45 -0.07	31.31 1.67 -0.47	36.82 1.91 0.00	54.54 2.77 0.00	48.18 2.83 0.00	50.27 3.06 0.00	53.22 3.09 0.00	51.50 2.54 0.00	44.18 1.98 0.00	40.25 1.81 0.00	39.93 1.88 0.00
AST_ENERGY_2_CC4 323678	40.57 1.59 0.00	31.70 1.20 0.00	30.61 1.03 0.00	35.00 1.13 0.00	36.39 1.32 0.00	36.84 1.43 0.00	47.22 2.25 0.00	44.09 2.42 0.00	37.58 2.08 0.00	38.14 1.83 0.00	34.61 1.75 0.00	29.89 1.53 -1.03	27.96 1.39 -1.06	27.92 1.45 -0.07	31.31 1.67 -0.47	36.82 1.91 0.00	54.54 2.77 0.00	48.18 2.83 0.00	50.27 3.06 0.00	53.22 3.09 0.00	51.50 2.54 0.00	44.18 1.98 0.00	40.25 1.81 0.00	39.93 1.88 0.00

ATHENS_STG_1 23668	39.94 0.97 0.00	31.25 0.75 0.00	30.29 0.72 0.00	34.68 0.81 0.00	35.93 0.86 0.00	36.29 0.89 0.00	46.43 1.46 0.00	43.20 1.54 0.00	36.70 1.19 0.00	37.20 0.88 0.00	33.67 0.81 0.00	28.05 0.72 0.00	26.14 0.62 0.00	27.06 0.66 0.00	29.97 0.80 0.00	35.90 0.98 0.00	53.28 1.51 0.00	47.01 1.66 0.00	49.01 1.80 0.00	51.97 1.84 0.00	50.53 1.57 0.00	43.36 1.16 0.00	39.53 1.09 0.00	39.16 1.11 0.00
ATHENS_STG_2 23670	39.94 0.97 0.00	31.25 0.75 0.00	30.29 0.72 0.00	34.68 0.81 0.00	35.93 0.86 0.00	36.29 0.89 0.00	46.43 1.46 0.00	43.20 1.54 0.00	36.70 1.19 0.00	37.20 0.88 0.00	33.67 0.81 0.00	28.05 0.72 0.00	26.14 0.62 0.00	27.06 0.66 0.00	29.97 0.80 0.00	35.90 0.98 0.00	53.28 1.51 0.00	47.01 1.66 0.00	49.01 1.80 0.00	51.97 1.84 0.00	50.53 1.57 0.00	43.36 1.16 0.00	39.53 1.09 0.00	39.16 1.11 0.00
ATHENS_STG_3 23677	39.94 0.97 0.00	31.25 0.75 0.00	30.29 0.72 0.00	34.68 0.81 0.00	35.93 0.86 0.00	36.29 0.89 0.00	46.43 1.46 0.00	43.20 1.54 0.00	36.70 1.19 0.00	37.20 0.88 0.00	33.67 0.81 0.00	28.05 0.72 0.00	26.14 0.62 0.00	27.06 0.66 0.00	29.97 0.80 0.00	35.90 0.98 0.00	53.28 1.51 0.00	47.01 1.66 0.00	49.01 1.80 0.00	51.97 1.84 0.00	50.53 1.57 0.00	43.36 1.16 0.00	39.53 1.09 0.00	39.16 1.11 0.00
AUBURN___LFGE 323710	38.56 -0.42 0.00	30.11 -0.39 0.00	29.25 -0.33 0.00	33.42 -0.45 0.00	34.72 -0.35 0.00	35.17 -0.23 0.00	44.78 -0.19 0.00	41.54 -0.12 0.00	35.27 -0.23 0.00	36.11 -0.21 0.00	32.59 -0.27 0.00	27.06 -0.27 0.00	25.21 -0.30 0.00	26.04 -0.36 0.00	28.73 -0.44 0.00	34.38 -0.54 0.00	51.32 -0.45 0.00	45.30 -0.05 0.00	47.20 -0.01 0.00	50.03 -0.10 0.00	48.42 -0.63 -0.08	41.76 -0.67 -0.23	37.65 -0.79 0.00	37.34 -0.71 0.00
BABYLON_RES_REC 323704	41.52 2.54 0.00	32.48 1.98 0.00	31.74 1.86 -0.31	35.91 2.04 0.00	37.27 2.21 0.00	37.66 2.26 0.00	48.20 3.23 0.00	45.07 3.41 0.00	38.37 2.87 0.00	38.77 2.45 0.00	35.16 2.31 0.00	29.22 1.89 0.00	27.25 1.73 0.00	28.22 1.82 0.00	33.11 2.17 -1.76	71.04 2.62 -33.50	55.83 4.06 0.00	58.26 4.14 -8.77	55.33 4.43 -3.68	54.96 4.50 -0.33	67.55 4.03 -14.55	45.87 3.05 -0.62	45.88 2.73 -4.70	40.75 2.70 0.00
BABYLON__69_KV_BK2 356345	41.98 3.00 0.00	32.81 2.31 0.00	32.09 2.21 -0.31	36.32 2.45 0.00	37.69 2.63 0.00	38.10 2.70 0.00	48.79 3.82 0.00	45.60 3.94 0.00	38.83 3.33 0.00	39.20 2.89 0.00	35.55 2.69 0.00	29.53 2.20 0.00	27.53 2.02 0.00	28.51 2.11 0.00	33.44 2.51 -1.76	71.46 3.05 -33.50	56.52 4.75 0.00	58.85 4.73 -8.77	55.87 4.98 -3.68	55.63 5.17 -0.33	68.19 4.68 -14.55	46.41 3.60 -0.62	46.34 3.19 -4.70	41.17 3.12 0.00
BALL_HILL_WT_PWR 323825	35.60 -2.52 0.85	23.96 -2.17 4.37	23.34 -1.95 4.28	26.57 -2.06 5.24	30.03 -2.18 2.87	30.96 -2.21 2.23	36.87 -2.55 5.56	31.69 -2.55 7.43	32.23 -1.99 1.28	34.47 -1.85 0.00	31.25 -1.61 0.00	25.98 -1.35 0.00	24.48 -1.04 0.00	25.30 -1.10 0.00	27.72 -1.45 0.00	32.78 -2.14 0.00	48.65 -3.12 0.00	42.40 -2.95 0.00	44.38 -2.83 0.00	46.85 -3.28 0.00	44.82 -3.81 0.33	37.39 -3.88 0.92	34.87 -3.57 0.00	34.52 -3.53 0.00
BARON_WINDS___WT_PWR 323822	38.98 -0.64 -0.64	33.14 -0.67 -3.31	32.28 -0.53 -3.24	37.42 -0.42 -3.97	36.87 -0.37 -2.17	36.62 -0.47 -1.69	48.85 -0.30 -4.18	46.86 -0.23 -5.43	36.39 -0.22 -1.10	35.82 -0.49 0.00	32.43 -0.43 0.00	26.92 -0.40 0.00	25.21 -0.30 0.00	26.00 -0.39 0.00	28.65 -0.52 0.00	34.05 -0.87 0.00	51.38 -0.39 0.00	45.03 -0.32 0.00	46.88 -0.34 0.00	49.67 -0.46 0.00	46.66 -1.41 0.88	38.08 -1.66 2.46	37.07 -1.37 0.00	36.81 -1.25 0.00
BARRETT_IC_1 23704	41.01 2.04 0.00	32.17 1.67 0.00	31.42 1.53 -0.31	35.56 1.69 0.00	36.90 1.83 0.00	37.19 1.79 0.00	47.36 2.39 0.00	44.26 2.59 0.00	37.66 2.16 0.00	38.29 1.98 0.00	34.84 1.99 0.00	29.07 1.74 0.00	27.11 1.60 0.00	28.08 1.68 0.00	32.91 1.98 -1.76	70.67 2.25 -33.50	54.79 3.02 0.00	57.16 3.03 -8.77	54.29 3.40 -3.68	53.90 3.44 -0.33	66.65 3.14 -14.55	45.23 2.42 -0.62	45.39 2.25 -4.70	40.28 2.23 0.00
BARRETT_IC_10 23701	41.01 2.04 0.00	32.17 1.67 0.00	31.42 1.53 -0.31	35.56 1.69 0.00	36.90 1.83 0.00	37.19 1.79 0.00	47.36 2.39 0.00	44.26 2.59 0.00	37.66 2.16 0.00	38.29 1.98 0.00	34.84 1.99 0.00	29.07 1.74 0.00	27.11 1.60 0.00	28.08 1.68 0.00	32.91 1.98 -1.76	70.67 2.25 -33.50	54.79 3.02 0.00	57.16 3.03 -8.77	54.29 3.40 -3.68	53.90 3.44 -0.33	66.65 3.14 -14.55	45.23 2.42 -0.62	45.39 2.25 -4.70	40.28 2.23 0.00
BARRETT_IC_11 23702	41.01 2.04 0.00	32.17 1.67 0.00	31.42 1.53 -0.31	35.56 1.69 0.00	36.90 1.83 0.00	37.19 1.79 0.00	47.36 2.39 0.00	44.26 2.59 0.00	37.66 2.16 0.00	38.29 1.98 0.00	34.84 1.99 0.00	29.07 1.74 0.00	27.11 1.60 0.00	28.08 1.68 0.00	32.91 1.98 -1.76	70.67 2.25 -33.50	54.79 3.02 0.00	57.16 3.03 -8.77	54.29 3.40 -3.68	53.90 3.44 -0.33	66.65 3.14 -14.55	45.23 2.42 -0.62	45.39 2.25 -4.70	40.28 2.23 0.00
BARRETT_IC_12 23703	41.01 2.04 0.00	32.17 1.67 0.00	31.42 1.53 -0.31	35.56 1.69 0.00	36.90 1.83 0.00	37.19 1.79 0.00	47.36 2.39 0.00	44.26 2.59 0.00	37.66 2.16 0.00	38.29 1.98 0.00	34.84 1.99 0.00	29.07 1.74 0.00	27.11 1.60 0.00	28.08 1.68 0.00	32.91 1.98 -1.76	70.67 2.25 -33.50	54.79 3.02 0.00	57.16 3.03 -8.77	54.29 3.40 -3.68	53.90 3.44 -0.33	66.65 3.14 -14.55	45.23 2.42 -0.62	45.39 2.25 -4.70	40.28 2.23 0.00
BARRETT_IC_2 23705	41.01 2.04 0.00	32.17 1.67 0.00	31.42 1.53 -0.31	35.56 1.69 0.00	36.90 1.83 0.00	37.19 1.79 0.00	47.36 2.39 0.00	44.26 2.59 0.00	37.66 2.16 0.00	38.29 1.98 0.00	34.84 1.99 0.00	29.07 1.74 0.00	27.11 1.60 0.00	28.08 1.68 0.00	32.91 1.98 -1.76	70.67 2.25 -33.50	54.79 3.02 0.00	57.16 3.03 -8.77	54.29 3.40 -3.68	53.90 3.44 -0.33	66.65 3.14 -14.55	45.23 2.42 -0.62	45.39 2.25 -4.70	40.28 2.23 0.00
BARRETT_IC_3 23706	41.01 2.04 0.00	32.17 1.67 0.00	31.42 1.53 -0.31	35.56 1.69 0.00	36.90 1.83 0.00	37.19 1.79 0.00	47.36 2.39 0.00	44.26 2.59 0.00	37.66 2.16 0.00	38.29 1.98 0.00	34.84 1.99 0.00	29.07 1.74 0.00	27.11 1.60 0.00	28.08 1.68 0.00	32.91 1.98 -1.76	70.67 2.25 -33.50	54.79 3.02 0.00	57.16 3.03 -8.77	54.29 3.40 -3.68	53.90 3.44 -0.33	66.65 3.14 -14.55	45.23 2.42 -0.62	45.39 2.25 -4.70	40.28 2.23 0.00
BARRETT_IC_4 23707	41.01 2.04 0.00	32.17 1.67 0.00	31.42 1.53 -0.31	35.56 1.69 0.00	36.90 1.83 0.00	37.19 1.79 0.00	47.36 2.39 0.00	44.26 2.59 0.00	37.66 2.16 0.00	38.29 1.98 0.00	34.84 1.99 0.00	29.07 1.74 0.00	27.11 1.60 0.00	28.08 1.68 0.00	32.91 1.98 -1.76	70.67 2.25 -33.50	54.79 3.02 0.00	57.16 3.03 -8.77	54.29 3.40 -3.68	53.90 3.44 -0.33	66.65 3.14 -14.55	45.23 2.42 -0.62	45.39 2.25 -4.70	40.28 2.23 0.00

BARRETT_IC_5 23708	41.01 2.04 0.00	32.17 1.67 0.00	31.42 1.53 -0.31	35.56 1.69 0.00	36.90 1.83 0.00	37.19 1.79 0.00	47.36 2.39 0.00	44.26 2.59 0.00	37.66 2.16 0.00	38.29 1.98 0.00	34.84 1.99 0.00	29.07 1.74 0.00	27.11 1.60 0.00	28.08 1.68 0.00	32.91 1.98 -1.76	70.67 2.25 -33.50	54.79 3.02 0.00	57.16 3.03 -8.77	54.29 3.40 -3.68	53.90 3.44 -0.33	66.65 3.14 -14.55	45.23 2.42 -0.62	45.39 2.25 -4.70	40.28 2.23 0.00
BARRETT_IC_6 23709	41.01 2.04 0.00	32.17 1.67 0.00	31.42 1.53 -0.31	35.56 1.69 0.00	36.90 1.83 0.00	37.19 1.79 0.00	47.36 2.39 0.00	44.26 2.59 0.00	37.66 2.16 0.00	38.29 1.98 0.00	34.84 1.99 0.00	29.07 1.74 0.00	27.11 1.60 0.00	28.08 1.68 0.00	32.91 1.98 -1.76	70.67 2.25 -33.50	54.79 3.02 0.00	57.16 3.03 -8.77	54.29 3.40 -3.68	53.90 3.44 -0.33	66.65 3.14 -14.55	45.23 2.42 -0.62	45.39 2.25 -4.70	40.28 2.23 0.00
BARRETT_IC_7 23710	41.02 2.04 0.00	32.17 1.67 0.00	31.42 1.54 -0.31	35.56 1.69 0.00	36.90 1.84 0.00	37.20 1.80 0.00	47.37 2.40 0.00	44.26 2.60 0.00	37.66 2.16 0.00	38.30 1.98 0.00	34.84 1.98 0.00	29.06 1.74 0.00	27.11 1.60 0.00	28.08 1.68 0.00	32.91 1.98 -1.76	70.67 2.25 -33.50	54.79 3.02 0.00	57.15 3.03 -8.77	54.29 3.40 -3.68	53.90 3.44 -0.33	66.66 3.15 -14.55	45.24 2.42 -0.62	45.39 2.25 -4.70	40.28 2.23 0.00
BARRETT_IC_8 23711	41.01 2.04 0.00	32.17 1.67 0.00	31.42 1.53 -0.31	35.56 1.69 0.00	36.90 1.83 0.00	37.19 1.79 0.00	47.36 2.39 0.00	44.26 2.59 0.00	37.66 2.16 0.00	38.29 1.98 0.00	34.84 1.99 0.00	29.07 1.74 0.00	27.11 1.60 0.00	28.08 1.68 0.00	32.91 1.98 -1.76	70.67 2.25 -33.50	54.79 3.02 0.00	57.16 3.03 -8.77	54.29 3.40 -3.68	53.90 3.44 -0.33	66.65 3.14 -14.55	45.23 2.42 -0.62	45.39 2.25 -4.70	40.28 2.23 0.00
BARRETT_IC_9 23700	41.01 2.04 0.00	32.17 1.67 0.00	31.42 1.53 -0.31	35.56 1.69 0.00	36.90 1.83 0.00	37.19 1.79 0.00	47.36 2.39 0.00	44.26 2.59 0.00	37.66 2.16 0.00	38.29 1.98 0.00	34.84 1.99 0.00	29.07 1.74 0.00	27.11 1.60 0.00	28.08 1.68 0.00	32.91 1.98 -1.76	70.67 2.25 -33.50	54.79 3.02 0.00	57.16 3.03 -8.77	54.29 3.40 -3.68	53.90 3.44 -0.33	66.65 3.14 -14.55	45.23 2.42 -0.62	45.39 2.25 -4.70	40.28 2.23 0.00
BARRETT___1 23545	41.01 2.04 0.00	32.17 1.67 0.00	31.42 1.53 -0.31	35.56 1.69 0.00	36.90 1.83 0.00	37.19 1.79 0.00	47.36 2.39 0.00	44.26 2.59 0.00	37.66 2.16 0.00	38.29 1.98 0.00	34.84 1.99 0.00	29.07 1.74 0.00	27.11 1.60 0.00	28.08 1.68 0.00	32.91 1.98 -1.76	70.67 2.25 -33.50	54.79 3.02 0.00	57.16 3.03 -8.77	54.29 3.40 -3.68	53.90 3.44 -0.33	66.65 3.14 -14.55	45.23 2.42 -0.62	45.39 2.25 -4.70	40.28 2.23 0.00
BARRETT___2 23546	41.01 2.04 0.00	32.17 1.67 0.00	31.42 1.53 -0.31	35.56 1.69 0.00	36.90 1.83 0.00	37.19 1.79 0.00	47.36 2.39 0.00	44.26 2.59 0.00	37.66 2.16 0.00	38.29 1.98 0.00	34.84 1.99 0.00	29.07 1.74 0.00	27.11 1.60 0.00	28.08 1.68 0.00	32.91 1.98 -1.76	70.67 2.25 -33.50	54.79 3.02 0.00	57.16 3.03 -8.77	54.29 3.40 -3.68	53.90 3.44 -0.33	66.65 3.14 -14.55	45.23 2.42 -0.62	45.39 2.25 -4.70	40.28 2.23 0.00
BATAVIA___115KV_TB1 55881	36.85 -2.12 0.00	28.76 -1.75 0.00	28.00 -1.58 0.00	32.26 -1.61 0.00	33.31 -1.76 0.00	33.67 -1.73 0.00	42.99 -1.98 0.00	39.62 -2.04 0.00	34.05 -1.45 0.00	35.10 -1.22 0.00	31.77 -1.08 0.00	26.40 -0.93 0.00	24.85 -0.66 0.00	25.59 -0.81 0.00	27.84 -1.33 0.00	32.85 -2.07 0.00	48.84 -2.93 0.00	43.02 -2.34 0.00	45.11 -2.11 0.00	47.62 -2.51 0.00	45.91 -2.80 0.25	38.44 -3.05 0.70	35.49 -2.95 0.00	35.09 -2.96 0.00
BAYONEEC___CTG1 323682	40.58 1.60 0.00	31.71 1.21 0.00	30.62 1.04 0.00	35.03 1.16 0.00	36.41 1.34 0.00	36.86 1.46 0.00	47.26 2.29 0.00	44.11 2.44 0.00	37.60 2.10 0.00	38.17 1.85 0.00	34.63 1.77 0.00	29.90 1.55 -1.03	27.97 1.39 -1.06	27.93 1.46 -0.07	31.33 1.69 -0.47	36.87 1.95 0.00	54.60 2.83 0.00	48.21 2.86 0.00	50.31 3.10 0.00	53.26 3.13 0.00	51.51 2.55 0.00	44.20 2.01 0.00	40.27 1.82 0.00	39.91 1.86 0.00
BAYONEEC___CTG10 323750	40.58 1.60 0.00	31.71 1.21 0.00	30.62 1.04 0.00	35.03 1.16 0.00	36.41 1.34 0.00	36.86 1.46 0.00	47.26 2.29 0.00	44.11 2.44 0.00	37.60 2.10 0.00	38.17 1.85 0.00	34.63 1.77 0.00	29.90 1.55 -1.03	27.97 1.39 -1.06	27.93 1.46 -0.07	31.33 1.69 -0.47	36.87 1.95 0.00	54.60 2.83 0.00	48.21 2.86 0.00	50.31 3.10 0.00	53.26 3.13 0.00	51.51 2.55 0.00	44.20 2.01 0.00	40.27 1.82 0.00	39.91 1.86 0.00
BAYONEEC___CTG2 323683	40.58 1.60 0.00	31.71 1.21 0.00	30.62 1.04 0.00	35.03 1.16 0.00	36.41 1.34 0.00	36.86 1.46 0.00	47.26 2.29 0.00	44.11 2.44 0.00	37.60 2.10 0.00	38.17 1.85 0.00	34.63 1.77 0.00	29.90 1.55 -1.03	27.97 1.39 -1.06	27.93 1.46 -0.07	31.33 1.69 -0.47	36.87 1.95 0.00	54.60 2.83 0.00	48.21 2.86 0.00	50.31 3.10 0.00	53.26 3.13 0.00	51.51 2.55 0.00	44.20 2.01 0.00	40.27 1.82 0.00	39.91 1.86 0.00
BAYONEEC___CTG3 323684	40.58 1.60 0.00	31.71 1.21 0.00	30.62 1.04 0.00	35.03 1.16 0.00	36.41 1.34 0.00	36.86 1.46 0.00	47.26 2.29 0.00	44.11 2.44 0.00	37.60 2.10 0.00	38.17 1.85 0.00	34.63 1.77 0.00	29.90 1.55 -1.03	27.97 1.39 -1.06	27.93 1.46 -0.07	31.33 1.69 -0.47	36.87 1.95 0.00	54.60 2.83 0.00	48.21 2.86 0.00	50.31 3.10 0.00	53.26 3.13 0.00	51.51 2.55 0.00	44.20 2.01 0.00	40.27 1.82 0.00	39.91 1.86 0.00
BAYONEEC___CTG4 323685	40.58 1.60 0.00	31.71 1.21 0.00	30.62 1.04 0.00	35.03 1.16 0.00	36.41 1.34 0.00	36.86 1.46 0.00	47.26 2.29 0.00	44.11 2.44 0.00	37.60 2.10 0.00	38.17 1.85 0.00	34.63 1.77 0.00	29.90 1.55 -1.03	27.97 1.39 -1.06	27.93 1.46 -0.07	31.33 1.69 -0.47	36.87 1.95 0.00	54.60 2.83 0.00	48.21 2.86 0.00	50.31 3.10 0.00	53.26 3.13 0.00	51.51 2.55 0.00	44.20 2.01 0.00	40.27 1.82 0.00	39.91 1.86 0.00
BAYONEEC___CTG5 323686	40.58 1.60 0.00	31.71 1.21 0.00	30.62 1.04 0.00	35.03 1.16 0.00	36.41 1.34 0.00	36.86 1.46 0.00	47.26 2.29 0.00	44.11 2.44 0.00	37.60 2.10 0.00	38.17 1.85 0.00	34.63 1.77 0.00	29.90 1.55 -1.03	27.97 1.39 -1.06	27.93 1.46 -0.07	31.33 1.69 -0.47	36.87 1.95 0.00	54.60 2.83 0.00	48.21 2.86 0.00	50.31 3.10 0.00	53.26 3.13 0.00	51.51 2.55 0.00	44.20 2.01 0.00	40.27 1.82 0.00	39.91 1.86 0.00
BAYONEEC___CTG6 323687	40.58 1.60 0.00	31.71 1.21 0.00	30.62 1.04 0.00	35.03 1.16 0.00	36.41 1.34 0.00	36.86 1.46 0.00	47.26 2.29 0.00	44.11 2.44 0.00	37.60 2.10 0.00	38.17 1.85 0.00	34.63 1.77 0.00	29.90 1.55 -1.03	27.97 1.39 -1.06	27.93 1.46 -0.07	31.33 1.69 -0.47	36.87 1.95 0.00	54.60 2.83 0.00	48.21 2.86 0.00	50.31 3.10 0.00	53.26 3.13 0.00	51.51 2.55 0.00	44.20 2.01 0.00	40.27 1.82 0.00	39.91 1.86 0.00

BAYONEEC___CTG7 323688	40.58 1.60 0.00	31.71 1.21 0.00	30.62 1.04 0.00	35.03 1.16 0.00	36.41 1.34 0.00	36.86 1.46 0.00	47.26 2.29 0.00	44.11 2.44 0.00	37.60 2.10 0.00	38.17 1.85 0.00	34.63 1.77 0.00	29.90 1.55 -1.03	27.97 1.39 -1.06	27.93 1.46 -0.07	31.33 1.69 -0.47	36.87 1.95 0.00	54.60 2.83 0.00	48.21 2.86 0.00	50.31 3.10 0.00	53.26 3.13 0.00	51.51 2.55 0.00	44.20 2.01 0.00	40.27 1.82 0.00	39.91 1.86 0.00
BAYONEEC___CTG8 323689	40.58 1.60 0.00	31.71 1.21 0.00	30.62 1.04 0.00	35.03 1.16 0.00	36.41 1.34 0.00	36.86 1.46 0.00	47.26 2.29 0.00	44.11 2.44 0.00	37.60 2.10 0.00	38.17 1.85 0.00	34.63 1.77 0.00	29.90 1.55 -1.03	27.97 1.39 -1.06	27.93 1.46 -0.07	31.33 1.69 -0.47	36.87 1.95 0.00	54.60 2.83 0.00	48.21 2.86 0.00	50.31 3.10 0.00	53.26 3.13 0.00	51.51 2.55 0.00	44.20 2.01 0.00	40.27 1.82 0.00	39.91 1.86 0.00
BAYONEEC___CTG9 323749	40.58 1.60 0.00	31.71 1.21 0.00	30.62 1.04 0.00	35.03 1.16 0.00	36.41 1.34 0.00	36.86 1.46 0.00	47.26 2.29 0.00	44.11 2.44 0.00	37.60 2.10 0.00	38.17 1.85 0.00	34.63 1.77 0.00	29.90 1.55 -1.03	27.97 1.39 -1.06	27.93 1.46 -0.07	31.33 1.69 -0.47	36.87 1.95 0.00	54.60 2.83 0.00	48.21 2.86 0.00	50.31 3.10 0.00	53.26 3.13 0.00	51.51 2.55 0.00	44.20 2.01 0.00	40.27 1.82 0.00	39.91 1.86 0.00
BEACON___LESR 323632	39.89 0.92 0.00	31.20 0.70 0.00	30.26 0.69 0.00	34.63 0.76 0.00	35.91 0.84 0.00	36.28 0.88 0.00	46.48 1.51 0.00	43.25 1.59 0.00	36.58 1.08 0.00	37.01 0.70 0.00	33.39 0.54 0.00	27.85 0.52 0.00	25.94 0.43 0.00	26.86 0.46 0.00	29.77 0.61 0.00	35.83 0.92 0.00	53.29 1.52 0.00	47.04 1.69 0.00	49.05 1.84 0.00	52.31 2.17 0.00	50.89 1.93 0.00	43.64 1.45 0.00	39.79 1.34 0.00	39.40 1.35 0.00
BEAVER RIVER___HYD 24048	39.11 0.13 0.00	30.54 0.04 0.00	29.59 0.02 0.00	33.88 0.01 0.00	35.07 0.00 0.00	35.16 -0.24 0.00	44.77 -0.21 0.00	41.52 -0.14 0.00	35.37 -0.13 0.00	35.74 -0.57 0.00	31.94 -0.92 0.00	26.60 -0.74 0.00	24.95 -0.57 0.00	25.74 -0.66 0.00	28.35 -0.83 0.00	33.95 -0.96 0.00	51.25 -0.52 0.00	45.14 -0.21 0.00	47.06 -0.15 0.00	50.02 -0.11 0.00	49.03 0.07 0.00	42.33 0.14 0.00	38.60 0.16 0.00	38.24 0.19 0.00
BEEBEE_GT_13 23619	37.06 -1.91 0.00	28.90 -1.60 0.00	28.10 -1.48 0.00	32.27 -1.60 0.00	33.40 -1.67 0.00	33.77 -1.63 0.00	43.12 -1.85 0.00	39.77 -1.89 0.00	34.12 -1.38 0.00	35.07 -1.24 0.00	31.75 -1.11 0.00	26.39 -0.94 0.00	24.75 -0.77 0.00	25.51 -0.89 0.00	27.96 -1.21 0.00	33.22 -1.70 0.00	49.32 -2.45 0.00	43.29 -2.06 0.00	45.27 -1.94 0.00	47.87 -2.26 0.00	46.30 -2.46 0.20	39.02 -2.62 0.56	35.92 -2.52 0.00	35.51 -2.54 0.00
BENSHRST_27_KV_BENSHRST_1 355998	41.01 2.04 0.00	32.04 1.54 0.00	30.93 1.36 0.00	35.38 1.51 0.00	36.78 1.71 0.00	37.28 1.88 0.00	47.76 2.79 0.00	44.60 2.93 0.00	38.04 2.53 0.00	38.63 2.32 0.00	35.03 2.17 0.00	30.23 1.86 -1.04	28.21 1.62 -1.07	28.20 1.74 -0.07	31.63 1.98 -0.47	37.24 2.32 0.00	55.12 3.35 0.00	48.63 3.28 0.00	50.76 3.55 0.00	53.82 3.69 0.00	52.10 3.14 0.00	44.69 2.49 0.00	40.73 2.29 0.00	40.35 2.30 0.00
BETHLEHEM___GRP 23843	39.21 0.23 0.00	30.72 0.22 0.00	29.78 0.21 0.00	34.05 0.18 0.00	35.26 0.20 0.00	35.61 0.21 0.00	45.52 0.55 0.00	42.35 0.69 0.00	35.81 0.31 0.00	36.25 -0.06 0.00	32.81 -0.04 0.00	27.39 0.06 0.00	25.54 0.03 0.00	26.44 0.04 0.00	29.26 0.09 0.00	35.16 0.24 0.00	52.12 0.35 0.00	45.97 0.62 0.00	47.89 0.68 0.00	51.15 1.02 0.00	49.90 0.94 0.00	42.88 0.68 0.00	39.12 0.68 0.00	38.72 0.67 0.00
BETHLEHEM___GS1 323560	39.21 0.23 0.00	30.72 0.22 0.00	29.78 0.20 0.00	34.05 0.18 0.00	35.26 0.19 0.00	35.61 0.21 0.00	45.52 0.55 0.00	42.35 0.68 0.00	35.81 0.31 0.00	36.25 -0.06 0.00	32.82 -0.04 0.00	27.39 0.06 0.00	25.54 0.03 0.00	26.44 0.05 0.00	29.26 0.09 0.00	35.16 0.24 0.00	52.13 0.36 0.00	45.97 0.62 0.00	47.89 0.68 0.00	51.14 1.01 0.00	49.90 0.94 0.00	42.88 0.68 0.00	39.11 0.67 0.00	38.72 0.67 0.00
BETHLEHEM___GS2 323561	39.21 0.23 0.00	30.72 0.22 0.00	29.78 0.20 0.00	34.05 0.18 0.00	35.26 0.19 0.00	35.61 0.21 0.00	45.52 0.55 0.00	42.35 0.68 0.00	35.81 0.31 0.00	36.25 -0.06 0.00	32.82 -0.04 0.00	27.39 0.06 0.00	25.54 0.03 0.00	26.44 0.05 0.00	29.26 0.09 0.00	35.16 0.24 0.00	52.13 0.36 0.00	45.97 0.62 0.00	47.89 0.68 0.00	51.14 1.01 0.00	49.90 0.94 0.00	42.88 0.68 0.00	39.11 0.67 0.00	38.72 0.67 0.00
BETHLEHEM___GS3 323562	39.21 0.23 0.00	30.72 0.22 0.00	29.78 0.20 0.00	34.05 0.18 0.00	35.26 0.19 0.00	35.61 0.21 0.00	45.52 0.55 0.00	42.35 0.68 0.00	35.81 0.31 0.00	36.25 -0.06 0.00	32.82 -0.04 0.00	27.39 0.06 0.00	25.54 0.03 0.00	26.44 0.05 0.00	29.26 0.09 0.00	35.16 0.24 0.00	52.13 0.36 0.00	45.97 0.62 0.00	47.89 0.68 0.00	51.14 1.01 0.00	49.90 0.94 0.00	42.88 0.68 0.00	39.11 0.67 0.00	38.72 0.67 0.00
BETHLEHEM___STEEL 23779	36.28 -2.70 0.00	28.26 -2.25 0.00	27.53 -2.05 0.00	31.71 -2.16 0.00	32.76 -2.31 0.00	33.04 -2.36 0.00	42.14 -2.83 0.00	38.83 -2.83 0.00	33.36 -2.14 0.00	34.38 -1.93 0.00	31.13 -1.73 0.00	25.88 -1.45 0.00	24.39 -1.13 0.00	25.20 -1.20 0.00	27.56 -1.61 0.00	32.61 -2.32 0.00	48.21 -3.56 0.00	42.06 -3.30 0.00	44.03 -3.19 0.00	46.52 -3.61 0.00	44.72 -3.93 0.31	37.33 -3.99 0.88	34.71 -3.72 0.00	34.37 -3.68 0.00
BETHLHEM_115KV_TB1 79974	39.31 0.34 0.00	30.80 0.29 0.00	29.86 0.28 0.00	34.14 0.28 0.00	35.36 0.29 0.00	35.71 0.31 0.00	45.65 0.67 0.00	42.40 0.73 0.00	35.85 0.35 0.00	36.29 -0.03 0.00	32.84 -0.01 0.00	27.41 0.08 0.00	25.55 0.04 0.00	26.46 0.06 0.00	29.29 0.11 0.00	35.18 0.26 0.00	52.18 0.41 0.00	46.03 0.67 0.00	47.95 0.74 0.00	51.21 1.08 0.00	49.96 1.00 0.00	42.92 0.72 0.00	39.16 0.72 0.00	38.75 0.70 0.00
BETHPAGE_CC_5 323564	41.36 2.39 0.00	32.36 1.86 0.00	31.61 1.73 -0.31	35.78 1.91 0.00	37.13 2.07 0.00	37.52 2.12 0.00	48.00 3.03 0.00	44.85 3.19 0.00	38.16 2.66 0.00	38.64 2.33 0.00	35.10 2.24 0.00	29.20 1.87 0.00	27.22 1.70 0.00	28.19 1.79 0.00	33.06 2.12 -1.76	70.95 2.54 -33.50	55.55 3.78 0.00	57.95 3.83 -8.77	55.01 4.12 -3.68	54.56 4.10 -0.33	67.15 3.63 -14.55	45.55 2.73 -0.62	45.63 2.48 -4.70	40.52 2.47 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.45 -2.53 0.00	28.39 -2.12 0.00	27.66 -1.92 0.00	31.86 -2.01 0.00	32.92 -2.15 0.00	33.21 -2.19 0.00	42.36 -2.61 0.00	38.99 -2.67 0.00	33.49 -2.01 0.00	34.52 -1.79 0.00	31.24 -1.62 0.00	25.98 -1.35 0.00	24.48 -1.04 0.00	25.31 -1.09 0.00	27.67 -1.50 0.00	32.78 -2.14 0.00	48.47 -3.30 0.00	42.26 -3.09 0.00	44.27 -2.95 0.00	46.78 -3.35 0.00	44.94 -3.70 0.32	37.50 -3.78 0.91	34.90 -3.54 0.00	34.56 -3.49 0.00

BINGHAMTON___COGEN 23790	38.61 -0.37 0.00	30.09 -0.41 0.00	29.24 -0.33 0.00	33.57 -0.30 0.00	34.80 -0.27 0.00	35.13 -0.27 0.00	44.97 0.00 0.00	41.64 -0.02 0.00	35.56 0.06 0.00	36.20 -0.11 0.00	32.75 -0.11 0.00	27.19 -0.14 0.00	25.38 -0.14 0.00	26.21 -0.18 0.00	28.95 -0.22 0.00	34.60 -0.32 0.00	51.74 -0.03 0.00	45.45 0.10 0.00	47.41 0.19 0.00	50.25 0.12 0.00	48.65 -0.31 0.00	41.70 -0.49 0.00	38.01 -0.43 0.00	37.65 -0.40 0.00
BIXINCNT_115KV_LOAD 355685	37.35 -1.63 0.00	29.05 -1.45 0.00	28.26 -1.32 0.00	32.67 -1.20 0.00	33.87 -1.20 0.00	34.17 -1.23 0.00	43.66 -1.31 0.00	40.22 -1.45 0.00	34.44 -1.06 0.00	35.24 -1.07 0.00	31.99 -0.87 0.00	26.68 -0.65 0.00	25.15 -0.36 0.00	26.06 -0.34 0.00	28.51 -0.66 0.00	33.79 -1.13 0.00	50.03 -1.74 0.00	43.48 -1.87 0.00	45.41 -1.80 0.00	48.04 -2.09 0.00	45.91 -2.67 0.38	38.13 -3.00 1.07	35.67 -2.77 0.00	35.41 -2.64 0.00
BLACK RIVER___HYD 24047	38.90 -0.07 0.00	30.36 -0.15 0.00	29.37 -0.20 0.00	33.64 -0.23 0.00	34.85 -0.22 0.00	34.90 -0.50 0.00	44.62 -0.35 0.00	41.35 -0.31 0.00	35.22 -0.28 0.00	35.36 -0.95 0.00	31.47 -1.39 0.00	26.22 -1.11 0.00	24.61 -0.91 0.00	25.33 -1.07 0.00	27.88 -1.29 0.00	33.37 -1.54 0.00	50.73 -1.04 0.00	45.04 -0.32 0.00	47.00 -0.22 0.00	49.94 -0.20 0.00	48.89 -0.08 0.00	42.17 -0.03 0.00	38.41 -0.03 0.00	38.00 -0.05 0.00
BLACKRVR_115KV_TB2 79977	38.90 -0.07 0.00	30.35 -0.15 0.00	29.37 -0.21 0.00	33.64 -0.23 0.00	34.85 -0.22 0.00	34.91 -0.50 0.00	44.62 -0.35 0.00	41.35 -0.31 0.00	35.22 -0.28 0.00	35.36 -0.95 0.00	31.47 -1.39 0.00	26.22 -1.11 0.00	24.61 -0.91 0.00	25.33 -1.07 0.00	27.88 -1.29 0.00	33.38 -1.54 0.00	50.73 -1.04 0.00	45.04 -0.32 0.00	47.00 -0.22 0.00	49.94 -0.20 0.00	48.89 -0.08 0.00	42.17 -0.03 0.00	38.40 -0.04 0.00	38.00 -0.05 0.00
BLISS_WT_PWR 323608	36.53 -1.58 0.87	24.60 -1.41 4.48	23.90 -1.29 4.39	27.33 -1.16 5.38	30.98 -1.15 2.94	31.95 -1.16 2.29	38.08 -1.20 5.70	32.77 -1.32 7.58	33.19 -0.99 1.32	35.27 -1.04 0.00	31.99 -0.87 0.00	26.70 -0.63 0.00	25.16 -0.35 0.00	26.09 -0.31 0.00	28.55 -0.62 0.00	33.84 -1.08 0.00	50.12 -1.65 0.00	43.55 -1.80 0.00	45.45 -1.76 0.00	48.09 -2.05 0.00	45.90 -2.68 0.38	38.12 -3.01 1.07	35.68 -2.76 0.00	35.38 -2.67 0.00
BLUESTONE___WT_PWR 323821	40.81 1.65 -0.18	32.60 1.16 -0.94	31.53 1.03 -0.92	35.99 0.99 -1.13	36.96 1.28 -0.62	37.49 1.61 -0.48	48.91 2.75 -1.18	45.74 2.58 -1.50	37.70 2.00 -0.20	38.00 1.69 0.00	34.36 1.50 0.00	28.51 1.18 0.00	26.61 1.09 0.00	27.42 1.02 0.00	30.27 1.10 0.00	36.20 1.28 0.00	54.39 2.62 0.00	47.67 2.32 0.00	49.27 2.05 0.00	52.29 2.15 0.00	50.23 1.06 -0.21	43.48 0.70 -0.58	39.04 0.61 0.00	38.94 0.89 0.00
BLUE_CIRC_CHEM_DRP 24182	39.83 0.85 0.00	31.19 0.69 0.00	30.26 0.68 0.00	34.62 0.74 0.00	35.80 0.73 0.00	36.16 0.76 0.00	46.19 1.22 0.00	42.96 1.30 0.00	36.30 0.80 0.00	36.71 0.40 0.00	33.19 0.34 0.00	27.67 0.34 0.00	25.83 0.31 0.00	26.73 0.33 0.00	29.58 0.41 0.00	35.61 0.69 0.00	53.02 1.24 0.00	46.75 1.39 0.00	48.68 1.47 0.00	51.78 1.65 0.00	50.47 1.51 0.00	43.37 1.17 0.00	39.56 1.12 0.00	39.16 1.11 0.00
BOC_GAS_DRP 24189	39.56 0.59 0.00	30.98 0.48 0.00	30.04 0.47 0.00	34.37 0.50 0.00	35.59 0.52 0.00	35.94 0.53 0.00	45.92 0.95 0.00	42.73 1.06 0.00	36.24 0.74 0.00	36.76 0.45 0.00	33.27 0.42 0.00	27.72 0.39 0.00	25.85 0.33 0.00	26.76 0.37 0.00	29.63 0.46 0.00	35.52 0.60 0.00	52.71 0.94 0.00	46.44 1.08 0.00	48.38 1.16 0.00	51.39 1.26 0.00	50.08 1.12 0.00	43.02 0.82 0.00	39.24 0.80 0.00	38.85 0.80 0.00
BOONVILLE_115KV_TB1 79983	39.63 0.65 0.00	30.96 0.46 0.00	30.00 0.43 0.00	34.37 0.50 0.00	35.62 0.55 0.00	35.91 0.51 0.00	45.87 0.90 0.00	42.63 0.96 0.00	36.26 0.75 0.00	36.71 0.40 0.00	33.02 0.16 0.00	27.46 0.12 0.00	25.66 0.15 0.00	26.52 0.12 0.00	29.27 0.10 0.00	35.10 0.18 0.00	52.66 0.89 0.00	46.34 0.99 0.00	48.33 1.12 0.00	51.32 1.19 0.00	50.09 1.13 0.00	43.09 0.89 0.00	39.24 0.80 0.00	38.84 0.79 0.00
BORALEX_4TH_BRANCH 23824	41.02 2.05 0.00	32.24 1.74 0.00	31.21 1.64 0.00	35.67 1.80 0.00	36.88 1.81 0.00	37.10 1.70 0.00	47.44 2.47 0.00	44.08 2.42 0.00	37.27 1.76 0.00	37.62 1.31 0.00	33.97 1.11 0.00	28.30 0.97 0.00	26.34 0.82 0.00	27.30 0.90 0.00	30.34 1.17 0.00	36.56 1.65 0.00	54.01 2.24 0.00	47.58 2.23 0.00	49.55 2.34 0.00	52.53 2.40 0.00	51.29 2.32 0.00	44.08 1.89 0.00	40.27 1.83 0.00	39.88 1.83 0.00
BOWLINE___1 23526	40.30 1.32 0.00	31.51 1.01 0.00	30.47 0.89 0.00	34.88 1.01 0.00	36.25 1.18 0.00	36.67 1.27 0.00	47.06 2.09 0.00	43.80 2.13 0.00	37.21 1.71 0.00	37.68 1.37 0.00	34.13 1.27 0.00	28.41 1.08 0.00	26.47 0.95 0.00	27.40 1.01 0.00	30.37 1.20 0.00	36.31 1.39 0.00	53.91 2.14 0.00	47.73 2.38 0.00	49.86 2.65 0.00	52.76 2.63 0.00	51.24 2.28 0.00	43.84 1.65 0.00	39.91 1.47 0.00	39.55 1.50 0.00
BOWLINE___2 23595	40.30 1.32 0.00	31.51 1.01 0.00	30.47 0.89 0.00	34.88 1.01 0.00	36.25 1.18 0.00	36.67 1.27 0.00	47.06 2.09 0.00	43.80 2.13 0.00	37.21 1.71 0.00	37.68 1.37 0.00	34.13 1.27 0.00	28.41 1.08 0.00	26.47 0.95 0.00	27.40 1.01 0.00	30.37 1.20 0.00	36.31 1.39 0.00	53.91 2.14 0.00	47.73 2.38 0.00	49.86 2.65 0.00	52.76 2.63 0.00	51.24 2.28 0.00	43.84 1.65 0.00	39.91 1.47 0.00	39.55 1.50 0.00
BRADY___115KV_TB2 356060	40.11 1.13 0.00	31.54 1.04 0.00	30.60 1.03 0.00	35.08 1.21 0.00	36.13 1.06 0.00	36.37 0.98 0.00	45.73 0.76 0.00	42.17 0.51 0.00	35.99 0.49 0.00	37.03 0.72 0.00	33.46 0.60 0.00	27.82 0.49 0.00	26.03 0.52 0.00	26.95 0.55 0.00	29.69 0.52 0.00	35.53 0.61 0.00	52.58 0.81 0.00	45.77 0.42 0.00	47.55 0.33 0.00	50.62 0.49 0.00	49.91 0.95 0.00	43.23 1.03 0.00	39.40 0.96 0.00	39.01 0.96 0.00
BRANSCOMB___SOLAR 323811	40.62 1.64 0.00	31.79 1.29 0.00	30.79 1.21 0.00	35.15 1.28 0.00	36.41 1.34 0.00	36.65 1.25 0.00	46.91 1.94 0.00	43.57 1.90 0.00	36.79 1.29 0.00	37.13 0.82 0.00	33.47 0.61 0.00	27.84 0.51 0.00	25.94 0.43 0.00	26.87 0.48 0.00	29.82 0.65 0.00	35.99 1.07 0.00	53.71 1.94 0.00	47.36 2.00 0.00	49.33 2.11 0.00	52.25 2.12 0.00	50.88 1.92 0.00	43.68 1.48 0.00	39.86 1.41 0.00	39.40 1.35 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	41.87 2.90 0.00	32.75 2.25 0.00	32.01 2.13 -0.31	36.23 2.36 0.00	37.60 2.54 0.00	37.98 2.58 0.00	48.62 3.64 0.00	45.44 3.77 0.00	38.71 3.20 0.00	39.09 2.78 0.00	35.46 2.60 0.00	29.45 2.12 0.00	27.47 1.95 0.00	28.44 2.05 0.00	33.37 2.43 -1.76	71.36 2.94 -33.50	56.31 4.54 0.00	58.55 4.43 -8.77	55.51 4.62 -3.68	55.34 4.89 -0.33	67.93 4.42 -14.55	46.25 3.44 -0.62	46.21 3.07 -4.70	41.08 3.03 0.00

BRISTLHL_115KV_TB1 79998	37.58 -1.39 0.00	29.37 -1.13 0.00	28.48 -1.09 0.00	32.65 -1.22 0.00	33.83 -1.24 0.00	34.19 -1.21 0.00	43.66 -1.31 0.00	40.27 -1.39 0.00	34.35 -1.15 0.00	35.01 -1.30 0.00	31.59 -1.27 0.00	26.25 -1.08 0.00	24.54 -0.98 0.00	25.36 -1.04 0.00	27.97 -1.20 0.00	33.50 -1.42 0.00	49.92 -1.85 0.00	43.95 -1.41 0.00	45.83 -1.38 0.00	48.56 -1.57 0.00	47.24 -1.72 0.00	40.52 -1.67 0.00	36.86 -1.58 0.00	36.45 -1.60 0.00
BROOKHAVEN___DRP 24191	41.79 2.81 0.00	32.60 2.10 0.00	31.99 2.10 -0.31	36.20 2.33 0.00	37.56 2.50 0.00	37.92 2.52 0.00	48.51 3.54 0.00	45.29 3.62 0.00	38.71 3.21 0.00	39.00 2.69 0.00	35.36 2.50 0.00	29.27 1.94 0.00	27.27 1.75 0.00	28.25 1.86 0.00	33.24 2.30 -1.76	71.25 2.84 -33.50	56.37 4.59 0.00	58.88 4.76 -8.77	55.78 4.88 -3.68	55.43 4.97 -0.33	67.98 4.47 -14.55	46.05 3.24 -0.62	46.01 2.87 -4.70	40.83 2.78 0.00
BROOKLYN_NAVY_YARD 23515	40.64 1.67 0.00	31.74 1.24 0.00	30.62 1.05 0.00	35.03 1.17 0.00	36.43 1.37 0.00	36.90 1.49 0.00	47.33 2.36 0.00	44.15 2.49 0.00	37.65 2.15 0.00	38.20 1.89 0.00	34.67 1.81 0.00	29.94 1.58 -1.03	28.01 1.44 -1.06	27.96 1.49 -0.07	31.37 1.73 -0.47	36.90 1.98 0.00	54.67 2.90 0.00	48.31 2.96 0.00	50.41 3.19 0.00	53.37 3.24 0.00	51.62 2.65 0.00	44.27 2.07 0.00	40.31 1.87 0.00	39.95 1.90 0.00
BROOKLYN___ARMY_DRP 323595	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.23 1.36 0.00	36.62 1.55 0.00	37.11 1.70 0.00	47.51 2.54 0.00	44.36 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.97 0.00	30.07 1.70 -1.04	28.05 1.47 -1.07	28.05 1.58 -0.07	31.46 1.81 -0.47	37.04 2.12 0.00	54.81 3.04 0.00	48.35 2.99 0.00	50.46 3.24 0.00	53.48 3.35 0.00	51.79 2.83 0.00	44.42 2.23 0.00	40.50 2.06 0.00	40.14 2.09 0.00
BROOKVLE_69_KV_TB1 55790	41.47 2.50 0.00	32.47 1.97 0.00	31.69 1.81 -0.31	35.88 2.02 0.00	37.25 2.19 0.00	37.65 2.25 0.00	47.99 3.02 0.00	44.85 3.19 0.00	38.16 2.66 0.00	38.68 2.37 0.00	35.25 2.39 0.00	29.35 2.02 0.00	27.37 1.85 0.00	28.34 1.94 0.00	33.21 2.27 -1.76	71.09 2.67 -33.50	55.51 3.74 0.00	57.92 3.79 -8.77	55.00 4.11 -3.68	54.64 4.18 -0.33	67.26 3.75 -14.55	45.69 2.87 -0.62	45.83 2.69 -4.70	40.75 2.70 0.00
BROOME_2_LFGE 323671	38.84 -0.37 -0.23	31.27 -0.41 -1.18	30.39 -0.34 -1.16	34.98 -0.30 -1.42	35.57 -0.27 -0.77	35.74 -0.26 -0.60	46.45 0.00 -1.48	43.53 -0.02 -1.88	35.76 0.05 -0.20	36.20 -0.11 0.00	32.75 -0.11 0.00	27.19 -0.14 0.00	25.38 -0.14 0.00	26.21 -0.18 0.00	28.95 -0.22 0.00	34.60 -0.32 0.00	51.74 -0.03 0.00	45.46 0.10 0.00	47.41 0.20 0.00	50.25 0.12 0.00	48.64 -0.32 0.00	41.70 -0.49 0.00	38.01 -0.43 0.00	37.65 -0.40 0.00
BROOME___LFGE 323600	38.84 -0.37 -0.23	31.27 -0.41 -1.18	30.39 -0.34 -1.16	34.98 -0.30 -1.42	35.57 -0.27 -0.77	35.74 -0.26 -0.60	46.45 0.00 -1.48	43.53 -0.02 -1.88	35.76 0.05 -0.20	36.20 -0.11 0.00	32.75 -0.11 0.00	27.19 -0.14 0.00	25.38 -0.14 0.00	26.21 -0.18 0.00	28.95 -0.22 0.00	34.60 -0.32 0.00	51.74 -0.03 0.00	45.46 0.10 0.00	47.41 0.20 0.00	50.25 0.12 0.00	48.64 -0.32 0.00	41.70 -0.49 0.00	38.01 -0.43 0.00	37.65 -0.40 0.00
BROWNFLS_115KV_TB_3_5 80003	39.08 0.10 0.00	30.60 0.10 0.00	29.69 0.12 0.00	34.00 0.13 0.00	35.11 0.04 0.00	35.20 -0.20 0.00	44.50 -0.47 0.00	41.16 -0.50 0.00	35.12 -0.39 0.00	35.80 -0.51 0.00	32.14 -0.72 0.00	26.74 -0.59 0.00	25.11 -0.40 0.00	25.95 -0.45 0.00	28.58 -0.59 0.00	34.23 -0.69 0.00	51.24 -0.53 0.00	44.84 -0.51 0.00	46.67 -0.54 0.00	49.66 -0.48 0.00	48.81 -0.16 0.00	42.20 0.00 0.00	38.53 0.10 0.00	38.21 0.16 0.00
BROWNSV1_27_KV_LOAD 356125	41.00 2.03 0.00	32.03 1.53 0.00	30.93 1.36 0.00	35.38 1.51 0.00	36.77 1.70 0.00	37.24 1.84 0.00	47.79 2.82 0.00	44.64 2.98 0.00	38.05 2.55 0.00	38.62 2.30 0.00	35.01 2.16 0.00	30.23 1.88 -1.03	28.27 1.70 -1.06	28.24 1.77 -0.07	31.67 2.03 -0.47	37.27 2.35 0.00	55.25 3.48 0.00	48.80 3.45 0.00	50.94 3.73 0.00	53.94 3.81 0.00	52.20 3.24 0.00	44.73 2.53 0.00	40.73 2.29 0.00	40.34 2.29 0.00
BURROWS___LYONSDAL 23803	39.52 0.55 0.00	30.88 0.37 0.00	29.92 0.35 0.00	34.26 0.39 0.00	35.51 0.45 0.00	35.74 0.34 0.00	45.62 0.65 0.00	42.38 0.72 0.00	36.07 0.57 0.00	36.50 0.19 0.00	32.77 -0.09 0.00	27.26 -0.07 0.00	25.50 -0.01 0.00	26.34 -0.06 0.00	29.06 -0.11 0.00	34.83 -0.09 0.00	52.35 0.58 0.00	46.06 0.71 0.00	48.03 0.82 0.00	51.02 0.89 0.00	49.86 0.90 0.00	42.93 0.73 0.00	39.12 0.67 0.00	38.73 0.68 0.00
CAITHNESS_CC_1 323624	41.71 2.74 0.00	32.56 2.06 0.00	31.92 2.03 -0.31	36.12 2.24 0.00	37.48 2.42 0.00	37.85 2.45 0.00	48.42 3.45 0.00	45.19 3.53 0.00	38.62 3.12 0.00	38.92 2.61 0.00	35.31 2.45 0.00	29.25 1.92 0.00	27.24 1.73 0.00	28.23 1.83 0.00	33.19 2.26 -1.76	71.18 2.77 -33.50	56.24 4.47 0.00	58.74 4.62 -8.77	55.60 4.71 -3.68	55.25 4.79 -0.33	67.81 4.29 -14.55	45.94 3.13 -0.62	45.92 2.78 -4.70	40.77 2.71 0.00
CALPINE BETH_PAGE_GT4 24209	41.27 2.29 0.00	32.29 1.79 0.00	31.54 1.66 -0.31	35.70 1.83 0.00	37.04 1.97 0.00	37.44 2.04 0.00	47.88 2.91 0.00	44.73 3.07 0.00	38.07 2.56 0.00	38.54 2.23 0.00	34.99 2.14 0.00	29.13 1.80 0.00	27.16 1.64 0.00	28.13 1.73 0.00	32.98 2.05 -1.76	70.86 2.44 -33.50	55.40 3.63 0.00	57.80 3.68 -8.77	54.87 3.98 -3.68	54.45 3.99 -0.33	67.05 3.54 -14.55	45.52 2.70 -0.62	45.59 2.45 -4.70	40.48 2.43 0.00
CALPINE_BETH_PAGE_GT_4 323586	41.27 2.29 0.00	32.29 1.79 0.00	31.54 1.65 -0.31	35.70 1.83 0.00	37.04 1.97 0.00	37.44 2.03 0.00	47.88 2.90 0.00	44.73 3.07 0.00	38.07 2.56 0.00	38.55 2.23 0.00	35.00 2.14 0.00	29.13 1.80 0.00	27.16 1.65 0.00	28.13 1.73 0.00	32.99 2.05 -1.76	70.86 2.44 -33.50	55.40 3.63 0.00	57.81 3.68 -8.77	54.87 3.98 -3.68	54.46 4.00 -0.33	67.05 3.54 -14.55	45.52 2.70 -0.62	45.59 2.45 -4.70	40.48 2.43 0.00
CALPINE_BP_GT1 23823	41.27 2.29 0.00	32.29 1.79 0.00	31.54 1.65 -0.31	35.70 1.83 0.00	37.04 1.97 0.00	37.44 2.03 0.00	47.88 2.90 0.00	44.73 3.07 0.00	38.07 2.56 0.00	38.55 2.23 0.00	35.00 2.14 0.00	29.13 1.80 0.00	27.16 1.65 0.00	28.13 1.73 0.00	32.99 2.05 -1.76	70.86 2.44 -33.50	55.40 3.63 0.00	57.81 3.68 -8.77	54.87 3.98 -3.68	54.46 4.00 -0.33	67.05 3.54 -14.55	45.52 2.70 -0.62	45.59 2.45 -4.70	40.48 2.43 0.00
CALSPAN___DRP 24200	36.28 -2.70 0.00	28.26 -2.25 0.00	27.53 -2.05 0.00	31.71 -2.16 0.00	32.76 -2.31 0.00	33.04 -2.36 0.00	42.14 -2.83 0.00	38.83 -2.83 0.00	33.36 -2.14 0.00	34.38 -1.93 0.00	31.13 -1.73 0.00	25.88 -1.45 0.00	24.39 -1.13 0.00	25.20 -1.20 0.00	27.56 -1.61 0.00	32.61 -2.32 0.00	48.21 -3.56 0.00	42.06 -3.30 0.00	44.03 -3.19 0.00	46.52 -3.61 0.00	44.72 -3.93 0.31	37.33 -3.99 0.88	34.71 -3.72 0.00	34.37 -3.68 0.00

CALVERTON___SOLAR 323806	41.87 2.89 0.00	32.65 2.15 0.00	32.05 2.17 -0.31	36.28 2.41 0.00	37.65 2.58 0.00	37.99 2.59 0.00	48.63 3.66 0.00	45.38 3.72 0.00	38.82 3.32 0.00	39.08 2.77 0.00	35.42 2.56 0.00	29.31 1.98 0.00	27.30 1.78 0.00	28.30 1.90 0.00	33.30 2.37 -1.76	71.34 2.92 -33.50	56.53 4.76 0.00	59.06 4.94 -8.77	55.97 5.07 -3.68	55.62 5.16 -0.33	68.16 4.65 -14.55	46.18 3.37 -0.62	46.10 2.96 -4.70	40.92 2.87 0.00
CANDIGU_WT_PWR 323617	38.98 -0.64 -0.64	33.14 -0.67 -3.31	32.28 -0.53 -3.24	37.42 -0.42 -3.97	36.87 -0.37 -2.17	36.62 -0.47 -1.69	48.85 -0.30 -4.18	46.86 -0.23 -5.43	36.39 -0.22 -1.10	35.82 -0.49 0.00	32.43 -0.43 0.00	26.92 -0.40 0.00	25.21 -0.30 0.00	26.00 -0.39 0.00	28.65 -0.52 0.00	34.05 -0.87 0.00	51.38 -0.39 0.00	45.03 -0.32 0.00	46.88 -0.34 0.00	49.67 -0.46 0.00	46.66 -1.41 0.88	38.08 -1.66 2.46	37.07 -1.37 0.00	36.81 -1.25 0.00
CARR STREET_E_SYR 24060	37.72 -1.25 0.00	29.47 -1.03 0.00	28.59 -0.98 0.00	32.79 -1.08 0.00	33.96 -1.11 0.00	34.32 -1.08 0.00	43.84 -1.13 0.00	40.42 -1.24 0.00	34.46 -1.04 0.00	35.14 -1.18 0.00	31.74 -1.12 0.00	26.37 -0.96 0.00	24.63 -0.88 0.00	25.45 -0.95 0.00	28.07 -1.09 0.00	33.60 -1.32 0.00	50.06 -1.72 0.00	44.04 -1.31 0.00	45.95 -1.27 0.00	48.68 -1.45 0.00	47.31 -1.65 0.00	40.57 -1.62 0.01	36.91 -1.53 0.00	36.49 -1.56 0.00
CARTHAGE___PAPER 23857	39.36 0.39 0.00	30.73 0.23 0.00	29.75 0.18 0.00	34.07 0.20 0.00	35.28 0.21 0.00	35.36 -0.04 0.00	45.10 0.13 0.00	41.82 0.15 0.00	35.60 0.10 0.00	35.83 -0.49 0.00	31.94 -0.91 0.00	26.60 -0.73 0.00	24.96 -0.55 0.00	25.74 -0.66 0.00	28.33 -0.84 0.00	33.95 -0.97 0.00	51.48 -0.29 0.00	45.50 0.15 0.00	47.45 0.23 0.00	50.44 0.31 0.00	49.42 0.46 0.00	42.65 0.45 0.00	38.87 0.43 0.00	38.48 0.44 0.00
CASSADAGA_WT_PWR 323784	36.62 -1.50 0.86	24.63 -1.45 4.42	23.97 -1.27 4.33	27.29 -1.29 5.30	30.74 -1.43 2.90	31.82 -1.32 2.26	38.22 -1.13 5.62	32.88 -1.27 7.52	32.95 -1.12 1.44	35.15 -1.16 0.00	31.94 -0.91 0.00	26.55 -0.78 0.00	25.13 -0.39 0.00	26.12 -0.28 0.00	28.65 -0.52 0.00	33.93 -0.99 0.00	50.30 -1.47 0.00	43.82 -1.53 0.00	45.80 -1.42 0.00	48.17 -1.97 0.00	45.87 -2.71 0.38	37.95 -3.20 1.05	35.40 -3.04 0.00	35.19 -2.86 0.00
CE_DUNWOOD___DRP 24194	40.53 1.55 0.00	31.68 1.18 0.00	30.63 1.05 0.00	35.05 1.18 0.00	36.41 1.34 0.00	36.84 1.44 0.00	47.25 2.28 0.00	44.05 2.38 0.00	37.46 1.96 0.00	37.94 1.63 0.00	34.38 1.52 0.00	28.64 1.31 0.00	26.68 1.17 0.00	27.63 1.23 0.00	30.61 1.44 0.00	36.60 1.68 0.00	54.31 2.54 0.00	48.06 2.70 0.00	50.19 2.97 0.00	53.10 2.97 0.00	51.51 2.55 0.00	44.11 1.91 0.00	40.17 1.73 0.00	39.79 1.75 0.00
CE_MILLWOOD___DRP 24193	40.49 1.52 0.00	31.65 1.15 0.00	30.61 1.04 0.00	35.03 1.16 0.00	36.39 1.32 0.00	36.82 1.42 0.00	47.23 2.26 0.00	44.02 2.35 0.00	37.42 1.92 0.00	37.89 1.58 0.00	34.33 1.48 0.00	28.60 1.27 0.00	26.64 1.13 0.00	27.59 1.19 0.00	30.57 1.41 0.00	36.56 1.64 0.00	54.25 2.48 0.00	48.00 2.65 0.00	50.13 2.91 0.00	53.05 2.92 0.00	51.47 2.51 0.00	44.07 1.87 0.00	40.13 1.69 0.00	39.76 1.71 0.00
CE_NYC2_DRP 24202	40.65 1.68 0.00	31.76 1.26 0.00	30.66 1.09 0.00	35.08 1.21 0.00	36.46 1.39 0.00	36.94 1.54 0.00	47.39 2.42 0.00	44.21 2.55 0.00	37.68 2.18 0.00	38.25 1.94 0.00	34.68 1.82 0.00	29.87 1.51 -1.04	27.90 1.32 -1.07	27.91 1.45 -0.07	31.35 1.71 -0.47	36.92 2.00 0.00	54.66 2.89 0.00	48.29 2.93 0.00	50.38 3.16 0.00	53.34 3.21 0.00	51.64 2.68 0.00	44.29 2.09 0.00	40.34 1.90 0.00	39.96 1.91 0.00
CE_NYC_DRP 24195	40.66 1.68 0.00	31.77 1.27 0.00	30.67 1.10 0.00	35.08 1.22 0.00	36.48 1.41 0.00	36.92 1.52 0.00	47.35 2.38 0.00	44.21 2.55 0.00	37.69 2.18 0.00	38.25 1.94 0.00	34.69 1.84 0.00	29.96 1.60 -1.03	28.02 1.45 -1.06	27.98 1.52 -0.07	31.39 1.75 -0.47	36.93 2.02 0.00	54.72 2.95 0.00	48.34 2.98 0.00	50.42 3.21 0.00	53.39 3.25 0.00	51.66 2.70 0.00	44.28 2.08 0.00	40.33 1.89 0.00	39.97 1.92 0.00
CHAFFEE___LFGE 323603	35.56 -2.60 0.82	24.15 -2.14 4.21	23.52 -1.93 4.13	26.78 -2.03 5.05	30.11 -2.20 2.77	31.02 -2.22 2.16	36.97 -2.64 5.36	31.90 -2.60 7.16	32.25 -2.01 1.24	34.51 -1.80 0.00	31.23 -1.63 0.00	25.99 -1.34 0.00	24.49 -1.03 0.00	25.30 -1.10 0.00	27.67 -1.50 0.00	32.72 -2.20 0.00	48.38 -3.39 0.00	42.20 -3.15 0.00	44.17 -3.04 0.00	46.70 -3.44 0.00	44.87 -3.75 0.35	37.39 -3.84 0.97	34.88 -3.56 0.00	34.51 -3.54 0.00
CHATEAUG_35_KV_LOAD 355732	41.08 2.10 0.00	32.10 1.60 0.00	31.13 1.56 0.00	35.65 1.78 0.00	36.88 1.81 0.00	37.04 1.64 0.00	46.66 1.69 0.00	42.91 1.24 0.00	36.59 1.09 0.00	37.81 1.49 0.00	34.05 1.19 0.00	28.24 0.91 0.00	26.32 0.81 0.00	27.29 0.89 0.00	30.17 1.01 0.00	36.12 1.20 0.00	53.71 1.94 0.00	46.52 1.16 0.00	48.45 1.24 0.00	51.49 1.36 0.00	50.59 1.63 0.00	43.58 1.38 0.00	39.66 1.22 0.00	39.22 1.17 0.00
CHATEAUG_WT_PWR 323614	40.97 2.00 0.00	32.01 1.51 0.00	31.06 1.49 0.00	35.57 1.70 0.00	36.78 1.71 0.00	36.92 1.52 0.00	46.52 1.55 0.00	42.75 1.09 0.00	36.44 0.94 0.00	37.67 1.36 0.00	33.94 1.08 0.00	28.16 0.83 0.00	26.25 0.73 0.00	27.20 0.81 0.00	30.10 0.93 0.00	36.04 1.12 0.00	53.58 1.81 0.00	46.38 1.03 0.00	48.30 1.08 0.00	51.33 1.19 0.00	50.38 1.42 0.00	43.38 1.18 0.00	39.51 1.07 0.00	39.07 1.02 0.00
CHAT_HIGH_FALL_HYD 323578	41.08 2.10 0.00	32.10 1.60 0.00	31.13 1.56 0.00	35.65 1.78 0.00	36.88 1.81 0.00	37.04 1.64 0.00	46.66 1.69 0.00	42.91 1.24 0.00	36.59 1.09 0.00	37.81 1.49 0.00	34.05 1.19 0.00	28.24 0.91 0.00	26.32 0.81 0.00	27.29 0.89 0.00	30.17 1.01 0.00	36.12 1.20 0.00	53.71 1.94 0.00	46.52 1.16 0.00	48.45 1.24 0.00	51.49 1.36 0.00	50.59 1.63 0.00	43.58 1.38 0.00	39.66 1.22 0.00	39.22 1.17 0.00
CHAUTAUQUA___LFGE 323629	35.92 -2.20 0.85	24.16 -1.97 4.37	23.52 -1.76 4.28	26.78 -1.85 5.24	30.25 -1.95 2.87	31.24 -1.92 2.24	37.31 -2.09 5.56	32.14 -2.09 7.44	32.49 -1.66 1.35	34.77 -1.54 0.00	31.50 -1.36 0.00	26.20 -1.13 0.00	24.69 -0.82 0.00	25.55 -0.85 0.00	28.01 -1.16 0.00	33.14 -1.78 0.00	49.22 -2.55 0.00	42.91 -2.45 0.00	44.89 -2.32 0.00	47.34 -2.80 0.00	45.20 -3.41 0.35	37.62 -3.60 0.98	35.09 -3.35 0.00	34.70 -3.35 0.00
CHERRYST_13_KV_LD 356241	40.76 1.78 0.00	31.84 1.34 0.00	30.76 1.18 0.00	35.18 1.31 0.00	36.57 1.50 0.00	37.02 1.62 0.00	47.48 2.52 0.00	44.35 2.68 0.00	37.80 2.30 0.00	38.38 2.07 0.00	34.82 1.96 0.00	30.06 1.71 -1.03	28.11 1.54 -1.06	28.08 1.61 -0.07	31.50 1.86 -0.47	37.06 2.14 0.00	54.93 3.15 0.00	48.50 3.15 0.00	50.58 3.37 0.00	53.54 3.41 0.00	51.81 2.85 0.00	44.40 2.20 0.00	40.43 1.99 0.00	40.08 2.03 0.00

CHESTROR_138KV_BK263 355645	40.15 1.17 0.00	31.38 0.88 0.00	30.38 0.80 0.00	34.77 0.91 0.00	36.11 1.05 0.00	36.53 1.13 0.00	46.85 1.88 0.00	43.59 1.92 0.00	37.02 1.52 0.00	37.47 1.16 0.00	33.91 1.05 0.00	28.22 0.90 0.00	26.29 0.78 0.00	27.22 0.83 0.00	30.16 0.99 0.00	36.09 1.17 0.00	53.66 1.89 0.00	47.50 2.14 0.00	49.59 2.38 0.00	52.50 2.37 0.00	50.99 2.03 0.00	43.66 1.46 0.00	39.76 1.32 0.00	39.39 1.34 0.00
CH_MIDHUDSON___DRP 24192	40.54 1.57 0.00	31.69 1.19 0.00	30.67 1.10 0.00	35.10 1.23 0.00	36.45 1.39 0.00	36.85 1.45 0.00	47.26 2.29 0.00	44.04 2.38 0.00	37.43 1.93 0.00	37.85 1.54 0.00	34.25 1.40 0.00	28.53 1.20 0.00	26.58 1.06 0.00	27.52 1.13 0.00	30.50 1.33 0.00	36.51 1.59 0.00	54.24 2.47 0.00	48.00 2.65 0.00	50.09 2.88 0.00	53.03 2.89 0.00	51.44 2.48 0.00	44.09 1.89 0.00	40.17 1.73 0.00	39.80 1.75 0.00
CH_MISC_IPPS 23765	40.74 1.76 0.00	31.84 1.33 0.00	30.80 1.23 0.00	35.27 1.40 0.00	36.64 1.57 0.00	37.06 1.66 0.00	47.56 2.59 0.00	44.31 2.65 0.00	37.69 2.19 0.00	38.09 1.78 0.00	34.46 1.61 0.00	28.69 1.36 0.00	26.72 1.20 0.00	27.67 1.27 0.00	30.67 1.50 0.00	36.71 1.79 0.00	54.57 2.80 0.00	48.32 2.97 0.00	50.44 3.23 0.00	53.39 3.26 0.00	51.81 2.85 0.00	44.36 2.16 0.00	40.39 1.95 0.00	40.00 1.95 0.00
CH_RES_BVR_FALLS 23983	39.25 0.28 0.00	30.74 0.24 0.00	29.78 0.20 0.00	34.08 0.22 0.00	35.25 0.18 0.00	35.49 0.09 0.00	44.79 -0.18 0.00	41.40 -0.26 0.00	35.39 -0.12 0.00	36.41 0.10 0.00	32.94 0.09 0.00	27.42 0.08 0.00	25.64 0.12 0.00	26.53 0.14 0.00	29.30 0.13 0.00	35.01 0.09 0.00	51.73 -0.04 0.00	44.99 -0.37 0.00	46.70 -0.51 0.00	49.60 -0.53 0.00	48.81 -0.15 0.00	42.29 0.09 0.00	38.59 0.15 0.00	38.23 0.18 0.00
CH_RES_NIAGARA 23895	34.24 -4.07 0.67	23.97 -3.09 3.44	23.37 -2.83 3.37	26.65 -3.09 4.13	29.43 -3.38 2.26	30.19 -3.45 1.76	36.18 -4.41 4.38	31.55 -4.23 5.88	30.98 -3.52 1.00	33.01 -3.31 0.00	29.76 -3.09 0.00	24.75 -2.58 0.00	23.33 -2.19 0.00	24.10 -2.30 0.00	26.33 -2.84 0.00	31.11 -3.81 0.00	45.86 -5.91 0.00	40.06 -5.30 0.00	41.93 -5.29 0.00	44.28 -5.85 0.00	42.77 -5.92 0.27	35.77 -5.66 0.77	33.25 -5.19 0.00	32.92 -5.13 0.00
CH_RES_SYRACUSE 23985	38.21 -0.76 0.00	29.83 -0.67 0.00	28.95 -0.62 0.00	33.18 -0.70 0.00	34.39 -0.69 0.00	34.78 -0.63 0.00	44.40 -0.57 0.00	41.00 -0.66 0.00	34.92 -0.58 0.00	35.64 -0.68 0.00	32.16 -0.69 0.00	26.72 -0.61 0.00	24.95 -0.56 0.00	25.78 -0.61 0.00	28.44 -0.73 0.00	34.05 -0.87 0.00	50.76 -1.01 0.00	44.69 -0.67 0.00	46.60 -0.62 0.00	49.38 -0.75 0.00	47.95 -1.01 0.00	41.13 -1.07 0.00	37.41 -1.03 0.00	36.99 -1.05 0.00
CLINTON_WT_PWR 323605	40.97 2.00 0.00	32.01 1.51 0.00	31.06 1.49 0.00	35.57 1.70 0.00	36.78 1.71 0.00	36.92 1.52 0.00	46.52 1.55 0.00	42.75 1.09 0.00	36.44 0.94 0.00	37.67 1.36 0.00	33.94 1.08 0.00	28.16 0.83 0.00	26.25 0.73 0.00	27.20 0.81 0.00	30.10 0.93 0.00	36.04 1.12 0.00	53.58 1.81 0.00	46.38 1.03 0.00	48.30 1.08 0.00	51.33 1.19 0.00	50.38 1.42 0.00	43.38 1.18 0.00	39.51 1.07 0.00	39.07 1.02 0.00
CLINTON___LFGE 323618	41.65 2.68 0.00	32.52 2.02 0.00	31.55 1.97 0.00	36.14 2.27 0.00	37.37 2.30 0.00	37.49 2.09 0.00	47.29 2.32 0.00	43.46 1.80 0.00	37.01 1.50 0.00	38.19 1.88 0.00	34.36 1.50 0.00	28.48 1.15 0.00	26.50 0.98 0.00	27.49 1.09 0.00	30.44 1.27 0.00	36.47 1.55 0.00	54.36 2.59 0.00	47.09 1.74 0.00	49.08 1.87 0.00	52.16 2.03 0.00	51.16 2.20 0.00	44.00 1.80 0.00	40.10 1.65 0.00	39.62 1.58 0.00
COBBLENY_34_KV_TB1 80064	36.37 -2.60 0.00	28.33 -2.16 0.00	27.62 -1.96 0.00	31.82 -2.05 0.00	32.86 -2.20 0.00	33.17 -2.23 0.00	42.32 -2.65 0.00	39.01 -2.65 0.00	33.49 -2.01 0.00	34.51 -1.80 0.00	31.25 -1.61 0.00	25.99 -1.34 0.00	24.49 -1.02 0.00	25.30 -1.10 0.00	27.67 -1.50 0.00	32.72 -2.20 0.00	48.39 -3.38 0.00	42.20 -3.16 0.00	44.17 -3.04 0.00	46.70 -3.44 0.00	44.88 -3.73 0.35	37.40 -3.83 0.97	34.86 -3.58 0.00	34.52 -3.53 0.00
COFFEEN___115KV_TB3 355620	39.04 0.06 0.00	30.45 -0.05 0.00	29.46 -0.11 0.00	33.75 -0.12 0.00	34.98 -0.09 0.00	35.06 -0.34 0.00	44.89 -0.08 0.00	41.60 -0.06 0.00	35.40 -0.10 0.00	35.43 -0.88 0.00	31.49 -1.37 0.00	26.22 -1.11 0.00	24.61 -0.91 0.00	25.31 -1.09 0.00	27.87 -1.30 0.00	33.35 -1.57 0.00	50.88 -0.89 0.00	45.33 -0.02 0.00	47.35 0.14 0.00	50.31 0.18 0.00	49.23 0.27 0.00	42.40 0.20 0.00	38.60 0.16 0.00	38.15 0.10 0.00
COLDSPRG_115KV_BK1 355956	38.04 -0.94 0.00	29.57 -0.94 0.00	28.82 -0.76 0.00	33.22 -0.65 0.00	34.36 -0.71 0.00	34.71 -0.70 0.00	44.55 -0.42 0.00	41.10 -0.56 0.00	34.94 -0.57 0.00	35.58 -0.73 0.00	32.43 -0.43 0.00	27.04 -0.29 0.00	25.68 0.17 0.00	26.69 0.30 0.00	29.26 0.09 0.00	34.62 -0.30 0.00	51.29 -0.48 0.00	44.56 -0.80 0.00	46.60 -0.62 0.00	49.13 -1.00 0.00	46.88 -1.66 0.42	38.81 -2.22 1.16	36.38 -2.06 0.00	36.21 -1.84 0.00
COLONIE_LFGE___ 323577	40.20 1.23 0.00	31.51 1.02 0.00	30.53 0.96 0.00	34.90 1.03 0.00	36.14 1.07 0.00	36.44 1.04 0.00	46.60 1.63 0.00	43.31 1.65 0.00	36.64 1.14 0.00	37.08 0.77 0.00	33.51 0.65 0.00	27.92 0.59 0.00	26.01 0.50 0.00	26.95 0.55 0.00	29.89 0.72 0.00	35.94 1.03 0.00	53.33 1.56 0.00	47.00 1.65 0.00	48.95 1.74 0.00	51.95 1.81 0.00	50.63 1.67 0.00	43.48 1.28 0.00	39.69 1.25 0.00	39.28 1.23 0.00
COOPERNY_115KV_TB1 80082	39.79 0.81 0.00	31.11 0.61 0.00	30.13 0.56 0.00	34.51 0.64 0.00	35.81 0.74 0.00	36.21 0.81 0.00	46.36 1.39 0.00	43.10 1.43 0.00	36.62 1.12 0.00	37.15 0.84 0.00	33.62 0.76 0.00	27.97 0.64 0.00	26.06 0.55 0.00	26.98 0.58 0.00	29.86 0.69 0.00	35.73 0.81 0.00	53.12 1.35 0.00	46.90 1.55 0.00	48.95 1.74 0.00	51.84 1.71 0.00	50.41 1.45 0.00	43.21 1.01 0.00	39.35 0.91 0.00	38.99 0.94 0.00
COPENHAGEN_WT_PWR 323753	38.75 -0.23 0.00	30.22 -0.28 0.00	29.23 -0.35 0.00	33.47 -0.40 0.00	34.68 -0.39 0.00	34.65 -0.75 0.00	44.26 -0.71 0.00	41.03 -0.63 0.00	35.01 -0.49 0.00	35.19 -1.12 0.00	31.34 -1.52 0.00	26.13 -1.20 0.00	24.53 -0.98 0.00	25.26 -1.14 0.00	27.78 -1.39 0.00	33.23 -1.69 0.00	50.40 -1.37 0.00	44.66 -0.69 0.00	46.57 -0.64 0.00	49.50 -0.64 0.00	48.50 -0.46 0.00	41.89 -0.31 0.00	38.17 -0.27 0.00	37.79 -0.26 0.00
CORNELL_____ 23752	39.27 0.30 0.00	30.63 0.13 0.00	29.73 0.16 0.00	34.09 0.22 0.00	35.36 0.29 0.00	35.78 0.38 0.00	45.83 0.85 0.00	42.44 0.78 0.00	36.13 0.63 0.00	36.74 0.43 0.00	33.13 0.27 0.00	27.40 0.07 0.00	25.53 0.02 0.00	26.33 -0.07 0.00	29.05 -0.12 0.00	34.84 -0.08 0.00	52.32 0.55 0.00	46.22 0.86 0.00	48.26 1.04 0.00	51.13 1.00 0.00	50.90 0.52 -1.42	46.31 0.19 -3.93	38.56 0.11 0.00	38.15 0.10 0.00

CORONA_69_KV_TB1 355595	41.28 2.31 0.00	32.33 1.83 0.00	31.57 1.69 -0.31	35.73 1.86 0.00	37.08 2.02 0.00	37.45 2.04 0.00	47.78 2.81 0.00	44.60 2.94 0.00	37.94 2.44 0.00	38.57 2.25 0.00	35.02 2.16 0.00	29.17 1.84 0.00	27.20 1.69 0.00	28.17 1.77 0.00	33.01 2.08 -1.76	70.83 2.41 -33.50	55.12 3.35 0.00	57.55 3.42 -8.77	54.65 3.76 -3.68	54.27 3.81 -0.33	66.96 3.45 -14.55	45.45 2.63 -0.62	45.62 2.48 -4.70	40.49 2.44 0.00
CORTLAND_115KV_TB3 80093	38.91 -0.07 0.00	30.36 -0.14 0.00	29.47 -0.10 0.00	33.81 -0.07 0.00	35.04 -0.03 0.00	35.43 0.03 0.00	45.34 0.37 0.00	41.97 0.31 0.00	35.76 0.25 0.00	36.36 0.05 0.00	32.79 -0.06 0.00	27.17 -0.16 0.00	25.35 -0.16 0.00	26.18 -0.22 0.00	28.90 -0.27 0.00	34.61 -0.31 0.00	51.83 0.05 0.00	45.71 0.36 0.00	47.71 0.50 0.00	50.57 0.44 0.00	49.42 0.08 -0.38	43.07 -0.17 -1.05	38.26 -0.18 0.00	37.85 -0.20 0.00
COXSACKIE___GT 23611	41.60 2.63 0.00	32.58 2.08 0.00	31.61 2.04 0.00	36.18 2.31 0.00	37.42 2.36 0.00	37.89 2.49 0.00	48.67 3.70 0.00	45.49 3.83 0.00	38.14 2.64 0.00	37.94 1.63 0.00	34.01 1.16 0.00	28.27 0.94 0.00	26.37 0.86 0.00	27.30 0.90 0.00	30.27 1.10 0.00	36.66 1.74 0.00	55.37 3.60 0.00	49.50 4.14 0.00	51.71 4.50 0.00	55.04 4.91 0.00	53.46 4.50 0.00	45.83 3.63 0.00	41.65 3.21 0.00	41.10 3.05 0.00
CPV_VALLEY___CC1 323721	39.84 0.87 0.00	31.15 0.65 0.00	30.15 0.58 0.00	34.51 0.64 0.00	35.84 0.77 0.00	36.25 0.85 0.00	46.45 1.48 0.00	43.21 1.55 0.00	36.71 1.21 0.00	37.21 0.89 0.00	33.68 0.82 0.00	28.03 0.70 0.00	26.11 0.60 0.00	27.04 0.64 0.00	29.95 0.78 0.00	35.83 0.91 0.00	53.24 1.47 0.00	47.08 1.73 0.00	49.15 1.94 0.00	52.03 1.90 0.00	50.56 1.60 0.00	43.31 1.12 0.00	39.44 1.00 0.00	39.07 1.02 0.00
CPV_VALLEY___CC2 323722	39.84 0.87 0.00	31.15 0.65 0.00	30.15 0.58 0.00	34.51 0.64 0.00	35.84 0.77 0.00	36.25 0.85 0.00	46.45 1.48 0.00	43.21 1.55 0.00	36.71 1.21 0.00	37.21 0.89 0.00	33.68 0.82 0.00	28.03 0.70 0.00	26.11 0.60 0.00	27.04 0.64 0.00	29.95 0.78 0.00	35.83 0.91 0.00	53.24 1.47 0.00	47.08 1.73 0.00	49.15 1.94 0.00	52.03 1.90 0.00	50.56 1.60 0.00	43.31 1.12 0.00	39.44 1.00 0.00	39.07 1.02 0.00
CRESCENT___HYD 24018	40.20 1.23 0.00	31.51 1.02 0.00	30.53 0.96 0.00	34.90 1.03 0.00	36.14 1.07 0.00	36.44 1.04 0.00	46.60 1.63 0.00	43.31 1.65 0.00	36.64 1.14 0.00	37.08 0.77 0.00	33.51 0.65 0.00	27.92 0.59 0.00	26.01 0.50 0.00	26.95 0.55 0.00	29.89 0.72 0.00	35.94 1.03 0.00	53.33 1.56 0.00	47.00 1.65 0.00	48.95 1.74 0.00	51.95 1.81 0.00	50.63 1.67 0.00	43.48 1.28 0.00	39.69 1.25 0.00	39.28 1.23 0.00
CRICKET___VALLEY_CC1 323756	40.30 1.32 0.00	31.50 1.00 0.00	30.47 0.89 0.00	34.87 1.00 0.00	36.23 1.16 0.00	36.57 1.17 0.00	46.88 1.91 0.00	43.66 1.99 0.00	37.09 1.59 0.00	37.47 1.15 0.00	33.92 1.06 0.00	28.29 0.96 0.00	26.35 0.84 0.00	27.31 0.91 0.00	30.26 1.09 0.00	36.21 1.29 0.00	53.75 1.98 0.00	47.57 2.22 0.00	49.59 2.38 0.00	52.45 2.32 0.00	50.88 1.92 0.00	43.66 1.47 0.00	39.87 1.43 0.00	39.55 1.50 0.00
CRICKET___VALLEY_CC2 323757	40.30 1.32 0.00	31.50 1.00 0.00	30.47 0.89 0.00	34.87 1.00 0.00	36.23 1.16 0.00	36.57 1.17 0.00	46.88 1.91 0.00	43.66 1.99 0.00	37.09 1.59 0.00	37.47 1.15 0.00	33.92 1.06 0.00	28.29 0.96 0.00	26.35 0.84 0.00	27.31 0.91 0.00	30.26 1.09 0.00	36.21 1.29 0.00	53.75 1.98 0.00	47.57 2.22 0.00	49.59 2.38 0.00	52.45 2.32 0.00	50.88 1.92 0.00	43.66 1.47 0.00	39.87 1.43 0.00	39.55 1.50 0.00
CRICKET___VALLEY_CC3 323758	40.30 1.32 0.00	31.50 1.00 0.00	30.47 0.89 0.00	34.87 1.00 0.00	36.23 1.16 0.00	36.57 1.17 0.00	46.88 1.91 0.00	43.66 1.99 0.00	37.09 1.59 0.00	37.47 1.15 0.00	33.92 1.06 0.00	28.29 0.96 0.00	26.35 0.84 0.00	27.31 0.91 0.00	30.26 1.09 0.00	36.21 1.29 0.00	53.75 1.98 0.00	47.57 2.22 0.00	49.59 2.38 0.00	52.45 2.32 0.00	50.88 1.92 0.00	43.66 1.47 0.00	39.87 1.43 0.00	39.55 1.50 0.00
CRUCIBLE_METL_DRP 24180	38.22 -0.76 0.00	29.83 -0.67 0.00	28.95 -0.62 0.00	33.18 -0.69 0.00	34.39 -0.69 0.00	34.78 -0.63 0.00	44.40 -0.57 0.00	41.00 -0.66 0.00	34.92 -0.58 0.00	35.64 -0.68 0.00	32.17 -0.69 0.00	26.72 -0.61 0.00	24.96 -0.56 0.00	25.78 -0.62 0.00	28.44 -0.73 0.00	34.05 -0.87 0.00	50.76 -1.01 0.00	44.68 -0.67 0.00	46.60 -0.62 0.00	49.38 -0.75 0.00	47.95 -1.01 0.00	41.13 -1.07 0.00	37.41 -1.03 0.00	36.99 -1.05 0.00
DAHOWA___HYDRO 323763	40.74 1.76 0.00	31.87 1.37 0.00	30.86 1.29 0.00	35.21 1.34 0.00	36.48 1.41 0.00	36.69 1.29 0.00	46.98 2.01 0.00	43.62 1.96 0.00	36.83 1.33 0.00	37.17 0.85 0.00	33.48 0.62 0.00	27.84 0.51 0.00	25.93 0.42 0.00	26.88 0.48 0.00	29.83 0.66 0.00	36.02 1.10 0.00	53.78 2.01 0.00	47.43 2.07 0.00	49.39 2.17 0.00	52.30 2.17 0.00	50.93 1.97 0.00	43.72 1.52 0.00	39.88 1.44 0.00	39.41 1.36 0.00
DANC___LFGE 323619	38.29 -0.69 0.00	29.88 -0.62 0.00	28.93 -0.64 0.00	33.13 -0.73 0.00	34.31 -0.75 0.00	34.42 -0.98 0.00	43.97 -1.01 0.00	40.69 -0.98 0.00	34.68 -0.82 0.00	35.06 -1.26 0.00	31.37 -1.49 0.00	26.13 -1.20 0.00	24.48 -1.03 0.00	25.24 -1.16 0.00	27.77 -1.40 0.00	33.24 -1.68 0.00	50.08 -1.69 0.00	44.30 -1.06 0.00	46.21 -1.01 0.00	49.05 -1.08 0.00	47.93 -1.03 0.00	41.31 -0.89 0.00	37.64 -0.80 0.00	37.23 -0.82 0.00
DANSKAMMER___1 23586	40.74 1.76 0.00	31.84 1.33 0.00	30.80 1.23 0.00	35.27 1.40 0.00	36.64 1.57 0.00	37.06 1.66 0.00	47.56 2.59 0.00	44.31 2.65 0.00	37.69 2.19 0.00	38.09 1.78 0.00	34.46 1.61 0.00	28.69 1.36 0.00	26.72 1.20 0.00	27.67 1.27 0.00	30.67 1.50 0.00	36.71 1.79 0.00	54.57 2.80 0.00	48.32 2.97 0.00	50.44 3.23 0.00	53.39 3.26 0.00	51.81 2.85 0.00	44.36 2.16 0.00	40.39 1.95 0.00	40.00 1.95 0.00
DANSKAMMER___2 23589	40.74 1.76 0.00	31.84 1.33 0.00	30.80 1.23 0.00	35.27 1.40 0.00	36.64 1.57 0.00	37.06 1.66 0.00	47.56 2.59 0.00	44.31 2.65 0.00	37.69 2.19 0.00	38.09 1.78 0.00	34.46 1.61 0.00	28.69 1.36 0.00	26.72 1.20 0.00	27.67 1.27 0.00	30.67 1.50 0.00	36.71 1.79 0.00	54.57 2.80 0.00	48.32 2.97 0.00	50.44 3.23 0.00	53.39 3.26 0.00	51.81 2.85 0.00	44.36 2.16 0.00	40.39 1.95 0.00	40.00 1.95 0.00
DANSKAMMER___3 23590	40.74 1.76 0.00	31.84 1.33 0.00	30.80 1.23 0.00	35.27 1.40 0.00	36.64 1.57 0.00	37.06 1.66 0.00	47.56 2.59 0.00	44.31 2.65 0.00	37.69 2.19 0.00	38.09 1.78 0.00	34.46 1.61 0.00	28.69 1.36 0.00	26.72 1.20 0.00	27.67 1.27 0.00	30.67 1.50 0.00	36.71 1.79 0.00	54.57 2.80 0.00	48.32 2.97 0.00	50.44 3.23 0.00	53.39 3.26 0.00	51.81 2.85 0.00	44.36 2.16 0.00	40.39 1.95 0.00	40.00 1.95 0.00

DANSKAMMER___4 23591	40.74 1.76 0.00	31.84 1.33 0.00	30.80 1.23 0.00	35.27 1.40 0.00	36.64 1.57 0.00	37.06 1.66 0.00	47.56 2.59 0.00	44.31 2.65 0.00	37.69 2.19 0.00	38.09 1.78 0.00	34.46 1.61 0.00	28.69 1.36 0.00	26.72 1.20 0.00	27.67 1.27 0.00	30.67 1.50 0.00	36.71 1.79 0.00	54.57 2.80 0.00	48.32 2.97 0.00	50.44 3.23 0.00	53.39 3.26 0.00	51.81 2.85 0.00	44.36 2.16 0.00	40.39 1.95 0.00	40.00 1.95 0.00
DANSKAMMER___DIESEL 23592	40.74 1.76 0.00	31.84 1.33 0.00	30.81 1.23 0.00	35.27 1.40 0.00	36.64 1.57 0.00	37.06 1.66 0.00	47.56 2.59 0.00	44.33 2.66 0.00	37.69 2.18 0.00	38.09 1.78 0.00	34.46 1.60 0.00	28.68 1.36 0.00	26.72 1.20 0.00	27.67 1.27 0.00	30.67 1.50 0.00	36.72 1.80 0.00	54.57 2.80 0.00	48.32 2.97 0.00	50.45 3.23 0.00	53.39 3.26 0.00	51.81 2.85 0.00	44.36 2.17 0.00	40.39 1.95 0.00	40.00 1.95 0.00
DARBY___SOLAR 323810	40.64 1.67 0.00	31.80 1.31 0.00	30.80 1.23 0.00	35.15 1.28 0.00	36.42 1.36 0.00	36.64 1.24 0.00	46.90 1.93 0.00	43.55 1.88 0.00	36.78 1.27 0.00	37.12 0.81 0.00	33.45 0.59 0.00	27.82 0.49 0.00	25.92 0.40 0.00	26.87 0.47 0.00	29.81 0.65 0.00	35.98 1.07 0.00	53.70 1.93 0.00	47.34 1.99 0.00	49.30 2.08 0.00	52.22 2.09 0.00	50.85 1.89 0.00	43.66 1.46 0.00	39.84 1.40 0.00	39.38 1.33 0.00
DASHVILLE___HYD 23610	40.24 1.26 0.00	31.44 0.94 0.00	30.43 0.85 0.00	34.84 0.97 0.00	36.20 1.13 0.00	36.62 1.22 0.00	46.97 2.01 0.00	43.91 2.24 0.00	37.44 1.94 0.00	37.87 1.56 0.00	34.26 1.40 0.00	28.50 1.17 0.00	26.54 1.02 0.00	27.47 1.07 0.00	30.47 1.31 0.00	36.44 1.52 0.00	54.15 2.38 0.00	47.96 2.60 0.00	50.07 2.86 0.00	52.95 2.82 0.00	51.36 2.40 0.00	44.00 1.80 0.00	40.06 1.62 0.00	39.68 1.63 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	42.16 3.18 0.00	32.88 2.38 0.00	32.30 2.42 -0.31	36.56 2.69 0.00	37.97 2.90 0.00	38.36 2.96 0.00	49.11 4.15 0.00	45.82 4.16 0.00	39.18 3.68 0.00	39.41 3.09 0.00	35.68 2.82 0.00	29.53 2.20 0.00	27.51 1.99 0.00	28.55 2.15 0.00	33.64 2.71 -1.76	71.85 3.43 -33.50	57.35 5.58 0.00	59.76 5.64 -8.77	56.66 5.77 -3.68	56.41 5.95 -0.33	68.97 5.46 -14.55	46.75 3.94 -0.62	46.53 3.39 -4.70	41.26 3.21 0.00
DELAWARE___LFGE 323621	39.89 0.91 0.00	31.17 0.67 0.00	30.26 0.68 0.00	34.66 0.79 0.00	35.92 0.85 0.00	36.34 0.94 0.00	46.49 1.52 0.00	43.18 1.52 0.00	36.72 1.22 0.00	37.33 1.02 0.00	33.75 0.90 0.00	28.05 0.72 0.00	26.17 0.66 0.00	27.06 0.66 0.00	29.91 0.74 0.00	35.78 0.86 0.00	53.29 1.52 0.00	46.91 1.55 0.00	48.90 1.69 0.00	51.84 1.71 0.00	50.35 1.38 0.00	43.19 0.99 0.00	39.32 0.88 0.00	38.96 0.91 0.00
DERFIELD_115KV_TB7 355931	38.97 -0.01 0.00	30.47 -0.03 0.00	29.55 -0.03 0.00	33.84 -0.03 0.00	35.04 -0.03 0.00	35.40 0.00 0.00	45.11 0.14 0.00	41.95 0.29 0.00	35.70 0.20 0.00	36.36 0.05 0.00	32.89 0.03 0.00	27.36 0.04 0.00	25.54 0.03 0.00	26.43 0.03 0.00	29.23 0.06 0.00	35.01 0.09 0.00	51.97 0.20 0.00	45.65 0.30 0.00	47.55 0.33 0.00	50.47 0.33 0.00	49.21 0.24 0.00	42.35 0.15 0.00	38.60 0.15 0.00	38.20 0.15 0.00
DOGLEVILLE___HYD 23807	39.14 0.16 0.00	30.60 0.10 0.00	29.70 0.12 0.00	33.94 0.07 0.00	35.18 0.11 0.00	35.58 0.18 0.00	45.86 0.89 0.00	42.80 1.14 0.00	35.98 0.48 0.00	35.91 -0.40 0.00	32.26 -0.60 0.00	26.83 -0.50 0.00	24.94 -0.57 0.00	25.82 -0.58 0.00	28.69 -0.48 0.00	34.66 -0.26 0.00	51.80 0.02 0.00	46.07 0.71 0.00	48.14 0.93 0.00	51.01 0.87 0.00	49.68 0.72 0.00	42.47 0.28 0.00	38.70 0.26 0.00	38.40 0.35 0.00
DUNKIRK___115KV_TB_200 55889	36.69 -2.29 0.00	28.46 -2.04 0.00	27.74 -1.84 0.00	31.96 -1.91 0.00	33.07 -2.00 0.00	33.39 -2.01 0.00	42.75 -2.22 0.00	39.41 -2.25 0.00	33.76 -1.74 0.00	34.71 -1.61 0.00	31.46 -1.40 0.00	26.14 -1.19 0.00	24.64 -0.88 0.00	25.48 -0.91 0.00	27.94 -1.23 0.00	33.04 -1.88 0.00	49.08 -2.69 0.00	42.77 -2.58 0.00	44.77 -2.45 0.00	47.23 -2.90 0.00	45.11 -3.50 0.35	37.58 -3.64 0.97	35.04 -3.40 0.00	34.68 -3.37 0.00
DUNKIRK___1 23563	36.69 -2.29 0.00	28.46 -2.04 0.00	27.74 -1.84 0.00	31.96 -1.91 0.00	33.07 -2.00 0.00	33.39 -2.01 0.00	42.75 -2.22 0.00	39.41 -2.25 0.00	33.76 -1.74 0.00	34.71 -1.61 0.00	31.46 -1.40 0.00	26.14 -1.19 0.00	24.64 -0.88 0.00	25.48 -0.91 0.00	27.94 -1.23 0.00	33.04 -1.88 0.00	49.08 -2.69 0.00	42.77 -2.58 0.00	44.77 -2.45 0.00	47.23 -2.90 0.00	45.11 -3.50 0.35	37.58 -3.64 0.97	35.04 -3.40 0.00	34.68 -3.37 0.00
DUNKIRK___2 23564	36.69 -2.29 0.00	28.46 -2.04 0.00	27.74 -1.84 0.00	31.96 -1.91 0.00	33.07 -2.00 0.00	33.39 -2.01 0.00	42.75 -2.22 0.00	39.41 -2.25 0.00	33.76 -1.74 0.00	34.71 -1.61 0.00	31.46 -1.40 0.00	26.14 -1.19 0.00	24.64 -0.88 0.00	25.48 -0.91 0.00	27.94 -1.23 0.00	33.04 -1.88 0.00	49.08 -2.69 0.00	42.77 -2.58 0.00	44.77 -2.45 0.00	47.23 -2.90 0.00	45.11 -3.50 0.35	37.58 -3.64 0.97	35.04 -3.40 0.00	34.68 -3.37 0.00
DUNKIRK___3 23565	36.57 -2.41 0.00	28.39 -2.11 0.00	27.67 -1.91 0.00	31.90 -1.97 0.00	33.00 -2.07 0.00	33.29 -2.11 0.00	42.58 -2.39 0.00	39.24 -2.43 0.00	33.63 -1.87 0.00	34.56 -1.75 0.00	31.35 -1.50 0.00	26.06 -1.27 0.00	24.55 -0.96 0.00	25.37 -1.02 0.00	27.82 -1.35 0.00	32.90 -2.02 0.00	48.90 -2.87 0.00	42.59 -2.76 0.00	44.56 -2.65 0.00	47.05 -3.08 0.00	44.97 -3.65 0.34	37.52 -3.73 0.95	35.00 -3.44 0.00	34.68 -3.37 0.00
DUNKIRK___4 23566	36.59 -2.38 0.00	28.43 -2.07 0.00	27.71 -1.87 0.00	31.93 -1.94 0.00	33.01 -2.06 0.00	33.33 -2.07 0.00	42.61 -2.36 0.00	39.28 -2.39 0.00	33.67 -1.83 0.00	34.62 -1.69 0.00	31.39 -1.47 0.00	26.09 -1.24 0.00	24.59 -0.93 0.00	25.42 -0.98 0.00	27.85 -1.32 0.00	32.95 -1.97 0.00	48.88 -2.89 0.00	42.60 -2.75 0.00	44.59 -2.62 0.00	47.05 -3.08 0.00	45.04 -3.59 0.33	37.57 -3.71 0.92	34.98 -3.46 0.00	34.65 -3.41 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.60 1.62 0.00	31.73 1.23 0.00	30.67 1.10 0.00	35.08 1.22 0.00	36.46 1.39 0.00	36.89 1.49 0.00	47.32 2.35 0.00	44.13 2.46 0.00	37.54 2.04 0.00	38.04 1.72 0.00	34.47 1.62 0.00	28.74 1.39 -0.02	26.78 1.25 -0.02	27.71 1.31 0.00	30.71 1.54 -0.01	36.71 1.79 0.00	54.45 2.68 0.00	48.17 2.82 0.00	50.29 3.07 0.00	53.23 3.09 0.00	51.61 2.66 0.00	44.20 2.01 0.00	40.26 1.83 0.00	39.88 1.83 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.40 1.43 0.00	31.58 1.08 0.00	30.56 0.98 0.00	34.98 1.11 0.00	36.34 1.27 0.00	36.77 1.36 0.00	47.18 2.21 0.00	43.95 2.29 0.00	37.43 1.92 0.00	37.83 1.52 0.00	34.22 1.36 0.00	28.48 1.15 0.00	26.51 1.00 0.00	27.45 1.06 0.00	30.42 1.25 0.00	36.39 1.48 0.00	54.04 2.27 0.00	47.86 2.51 0.00	49.98 2.77 0.00	52.90 2.77 0.00	51.38 2.42 0.00	43.98 1.79 0.00	40.03 1.59 0.00	39.66 1.61 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	40.60 1.62 0.00	31.72 1.22 0.00	30.61 1.04 0.00	35.00 1.13 0.00	36.42 1.35 0.00	36.89 1.49 0.00	47.33 2.36 0.00	44.10 2.43 0.00	37.59 2.09 0.00	38.11 1.80 0.00	34.57 1.72 0.00	29.76 1.41 -1.03	27.75 1.18 -1.06	27.80 1.34 -0.07	31.20 1.56 -0.47	36.79 1.87 0.00	54.47 2.70 0.00	48.18 2.83 0.00	50.24 3.03 0.00	53.24 3.11 0.00	51.55 2.59 0.00	44.18 1.98 0.00	40.23 1.79 0.00	39.84 1.79 0.00
E179THST_13_KV_LOAD 356214	40.76 1.78 0.00	31.83 1.33 0.00	30.71 1.14 0.00	35.12 1.25 0.00	36.54 1.47 0.00	37.02 1.62 0.00	47.51 2.54 0.00	44.30 2.63 0.00	37.76 2.25 0.00	38.29 1.97 0.00	34.73 1.88 0.00	29.90 1.54 -1.03	27.88 1.31 -1.06	27.93 1.47 -0.07	31.34 1.70 -0.47	36.96 2.04 0.00	54.73 2.96 0.00	48.41 3.06 0.00	50.51 3.29 0.00	53.52 3.39 0.00	51.80 2.84 0.00	44.38 2.19 0.00	40.40 1.96 0.00	40.00 1.95 0.00
EAST HAMPTON___GT 23717	42.12 3.14 0.00	32.85 2.35 0.00	32.28 2.39 -0.31	36.54 2.67 0.00	37.94 2.88 0.00	38.38 2.98 0.00	49.14 4.17 0.00	45.88 4.21 0.00	39.19 3.69 0.00	39.39 3.07 0.00	35.67 2.81 0.00	29.54 2.21 0.00	27.53 2.01 0.00	28.64 2.24 0.00	33.80 2.87 -1.76	72.13 3.72 -33.50	57.85 6.08 0.00	60.11 5.98 -8.77	56.95 6.06 -3.68	56.80 6.34 -0.33	69.40 5.89 -14.55	47.02 4.21 -0.62	46.66 3.52 -4.70	41.30 3.25 0.00
EAST RIVER___6 23660	40.71 1.74 0.00	31.80 1.30 0.00	30.71 1.13 0.00	35.13 1.26 0.00	36.53 1.46 0.00	36.91 1.51 0.00	47.35 2.38 0.00	44.21 2.55 0.00	37.69 2.19 0.00	38.27 1.96 0.00	34.73 1.87 0.00	29.99 1.63 -1.03	28.05 1.47 -1.06	28.01 1.54 -0.07	31.42 1.78 -0.47	36.97 2.05 0.00	54.78 3.01 0.00	48.39 3.04 0.00	50.47 3.26 0.00	53.42 3.29 0.00	51.67 2.71 0.00	44.31 2.11 0.00	40.33 1.89 0.00	39.96 1.91 0.00
EAST RIVER___7 23524	40.71 1.74 0.00	31.80 1.30 0.00	30.71 1.13 0.00	35.13 1.26 0.00	36.53 1.46 0.00	36.91 1.51 0.00	47.35 2.38 0.00	44.21 2.55 0.00	37.69 2.19 0.00	38.27 1.96 0.00	34.73 1.87 0.00	29.99 1.63 -1.03	28.05 1.47 -1.06	28.01 1.54 -0.07	31.42 1.78 -0.47	36.97 2.05 0.00	54.78 3.01 0.00	48.39 3.04 0.00	50.47 3.26 0.00	53.42 3.29 0.00	51.67 2.71 0.00	44.31 2.11 0.00	40.33 1.89 0.00	39.96 1.91 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.53 1.55 0.00	31.68 1.18 0.00	30.63 1.05 0.00	35.05 1.18 0.00	36.41 1.34 0.00	36.84 1.44 0.00	47.25 2.28 0.00	44.05 2.38 0.00	37.46 1.96 0.00	37.94 1.63 0.00	34.38 1.52 0.00	28.64 1.31 0.00	26.68 1.17 0.00	27.63 1.23 0.00	30.61 1.44 0.00	36.60 1.68 0.00	54.31 2.54 0.00	48.06 2.70 0.00	50.19 2.97 0.00	53.10 2.97 0.00	51.51 2.55 0.00	44.11 1.91 0.00	40.17 1.73 0.00	39.79 1.75 0.00
EAST_HAMPTON___DIESEL 23722	42.06 3.08 0.00	32.80 2.30 0.00	32.24 2.36 -0.31	36.48 2.61 0.00	37.89 2.82 0.00	38.33 2.93 0.00	49.07 4.11 0.00	45.81 4.14 0.00	39.14 3.63 0.00	39.34 3.02 0.00	35.61 2.75 0.00	29.51 2.18 0.00	27.50 1.98 0.00	28.62 2.22 0.00	33.78 2.85 -1.76	72.13 3.71 -33.50	57.84 6.07 0.00	60.08 5.95 -8.77	56.92 6.02 -3.68	56.76 6.30 -0.33	69.38 5.86 -14.55	46.99 4.18 -0.62	46.63 3.49 -4.70	41.26 3.21 0.00
EAST_PULASKI___ESR 323781	37.90 -1.08 0.00	29.60 -0.90 0.00	28.69 -0.89 0.00	32.88 -0.99 0.00	34.02 -1.05 0.00	34.27 -1.13 0.00	43.81 -1.16 0.00	40.46 -1.20 0.00	34.46 -1.04 0.00	35.01 -1.30 0.00	31.48 -1.38 0.00	26.18 -1.15 0.00	24.49 -1.03 0.00	25.29 -1.11 0.00	27.84 -1.33 0.00	33.33 -1.59 0.00	49.89 -1.89 0.00	44.06 -1.29 0.00	45.97 -1.25 0.00	48.75 -1.39 0.00	47.50 -1.46 0.00	40.85 -1.35 0.00	37.20 -1.25 0.00	36.78 -1.27 0.00
EAST_RIVER___1 323558	40.66 1.68 0.00	31.77 1.27 0.00	30.67 1.10 0.00	35.09 1.22 0.00	36.47 1.41 0.00	36.91 1.51 0.00	47.35 2.38 0.00	44.20 2.54 0.00	37.69 2.18 0.00	38.25 1.93 0.00	34.70 1.84 0.00	29.96 1.60 -1.03	28.02 1.44 -1.06	27.99 1.52 -0.07	31.39 1.75 -0.47	36.93 2.01 0.00	54.72 2.95 0.00	48.33 2.98 0.00	50.42 3.21 0.00	53.38 3.25 0.00	51.65 2.69 0.00	44.29 2.09 0.00	40.33 1.89 0.00	39.97 1.92 0.00
EAST_RIVER___2 323559	40.71 1.74 0.00	31.80 1.30 0.00	30.71 1.13 0.00	35.13 1.26 0.00	36.53 1.46 0.00	36.91 1.51 0.00	47.35 2.38 0.00	44.21 2.55 0.00	37.69 2.19 0.00	38.27 1.96 0.00	34.73 1.87 0.00	29.99 1.63 -1.03	28.05 1.47 -1.06	28.01 1.54 -0.07	31.42 1.78 -0.47	36.97 2.05 0.00	54.78 3.01 0.00	48.39 3.04 0.00	50.47 3.26 0.00	53.42 3.29 0.00	51.67 2.71 0.00	44.31 2.11 0.00	40.33 1.89 0.00	39.96 1.91 0.00
EAST___DELAWARE_HYD 23607	39.83 0.85 0.00	31.13 0.63 0.00	30.12 0.55 0.00	34.50 0.63 0.00	35.86 0.79 0.00	36.33 0.93 0.00	46.69 1.72 0.00	43.48 1.82 0.00	36.93 1.43 0.00	37.22 0.91 0.00	33.56 0.70 0.00	27.73 0.40 0.00	25.22 -0.30 0.00	26.11 -0.28 0.00	28.96 -0.21 0.00	34.74 -0.18 0.00	51.90 0.13 0.00	46.16 0.81 0.00	48.20 0.99 0.00	51.17 1.04 0.00	50.81 1.85 0.00	43.47 1.27 0.00	39.51 1.07 0.00	39.11 1.06 0.00
EIGHT_POINT___WT_PWR 323820	39.07 -0.12 -0.21	31.37 -0.21 -1.08	30.48 -0.15 -1.05	35.20 0.04 -1.29	35.93 0.15 -0.71	35.99 0.04 -0.55	46.59 0.27 -1.34	43.67 0.32 -1.68	36.16 0.27 -0.38	36.29 -0.03 0.00	32.81 -0.04 0.00	27.23 -0.09 0.00	25.53 0.01 0.00	26.27 -0.13 0.00	28.90 -0.27 0.00	34.32 -0.60 0.00	51.96 0.19 0.00	45.76 0.41 0.00	47.55 0.34 0.00	50.42 0.29 0.00	47.17 -0.83 0.96	38.24 -1.29 2.68	37.58 -0.86 0.00	37.34 -0.71 0.00
ELBRIDGE_115KV_TB2 80188	38.03 -0.95 0.00	29.70 -0.80 0.00	28.83 -0.74 0.00	33.00 -0.86 0.00	34.24 -0.83 0.00	34.62 -0.78 0.00	44.15 -0.82 0.00	40.82 -0.84 0.00	34.75 -0.75 0.00	35.49 -0.83 0.00	32.06 -0.80 0.00	26.63 -0.70 0.00	24.85 -0.66 0.00	25.69 -0.71 0.00	28.33 -0.84 0.00	33.89 -1.03 0.00	50.51 -1.26 0.00	44.48 -0.87 0.00	46.37 -0.84 0.00	49.16 -0.97 0.00	47.68 -1.28 0.00	40.92 -1.27 0.00	37.20 -1.24 0.00	36.83 -1.22 0.00
ELEC_TRO_TEK 24086	41.10 2.12 0.00	32.18 1.68 0.00	31.41 1.53 -0.31	35.56 1.69 0.00	36.92 1.85 0.00	37.30 1.90 0.00	47.68 2.71 0.00	44.53 2.87 0.00	37.88 2.38 0.00	38.40 2.09 0.00	34.89 2.04 0.00	29.06 1.73 0.00	27.09 1.58 0.00	28.05 1.66 0.00	32.88 1.95 -1.76	70.72 2.30 -33.50	55.09 3.32 0.00	57.55 3.43 -8.77	54.61 3.72 -3.68	54.24 3.78 -0.33	66.87 3.36 -14.55	45.38 2.56 -0.62	45.48 2.34 -4.70	40.37 2.33 0.00
ELLENBURG_WT_PWR 323604	40.97 2.00 0.00	32.01 1.51 0.00	31.06 1.49 0.00	35.57 1.70 0.00	36.78 1.71 0.00	36.92 1.52 0.00	46.52 1.55 0.00	42.75 1.09 0.00	36.44 0.94 0.00	37.67 1.36 0.00	33.94 1.08 0.00	28.16 0.83 0.00	26.25 0.73 0.00	27.20 0.81 0.00	30.10 0.93 0.00	36.04 1.12 0.00	53.58 1.81 0.00	46.38 1.03 0.00	48.30 1.08 0.00	51.33 1.19 0.00	50.38 1.42 0.00	43.38 1.18 0.00	39.51 1.07 0.00	39.07 1.02 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.04 -2.93 0.00	28.09 -2.41 0.00	27.37 -2.21 0.00	31.52 -2.35 0.00	32.55 -2.51 0.00	32.84 -2.56 0.00	41.84 -3.13 0.00	38.54 -3.12 0.00	33.13 -2.38 0.00	34.16 -2.15 0.00	30.93 -1.93 0.00	25.71 -1.62 0.00	24.23 -1.29 0.00	25.03 -1.37 0.00	27.37 -1.80 0.00	32.38 -2.54 0.00	47.85 -3.92 0.00	41.74 -3.61 0.00	43.70 -3.52 0.00	46.16 -3.97 0.00	44.42 -4.24 0.30	37.11 -4.25 0.84	34.48 -3.95 0.00	34.14 -3.91 0.00
EMPIRE_CC_1 323656	39.84 0.86 0.00	31.24 0.74 0.00	30.27 0.69 0.00	34.61 0.74 0.00	35.84 0.77 0.00	36.15 0.75 0.00	46.20 1.23 0.00	42.96 1.29 0.00	36.24 0.74 0.00	36.70 0.39 0.00	33.33 0.48 0.00	27.79 0.46 0.00	25.89 0.38 0.00	26.83 0.43 0.00	29.73 0.56 0.00	35.71 0.79 0.00	52.71 0.94 0.00	46.44 1.08 0.00	48.36 1.15 0.00	51.32 1.19 0.00	50.04 1.07 0.00	43.06 0.86 0.00	39.38 0.94 0.00	39.03 0.98 0.00
EMPIRE_CC_2 323658	39.84 0.86 0.00	31.24 0.74 0.00	30.27 0.69 0.00	34.61 0.74 0.00	35.84 0.77 0.00	36.15 0.75 0.00	46.20 1.23 0.00	42.96 1.29 0.00	36.24 0.74 0.00	36.70 0.39 0.00	33.33 0.48 0.00	27.79 0.46 0.00	25.89 0.38 0.00	26.83 0.43 0.00	29.73 0.56 0.00	35.71 0.79 0.00	52.71 0.94 0.00	46.44 1.08 0.00	48.36 1.15 0.00	51.32 1.19 0.00	50.04 1.07 0.00	43.06 0.86 0.00	39.38 0.94 0.00	39.03 0.98 0.00
ENORWICH_115KV_TB1 80156	41.56 2.59 0.00	32.35 1.85 0.00	31.38 1.81 0.00	35.93 2.06 0.00	37.38 2.31 0.00	38.01 2.61 0.00	49.02 4.06 0.00	45.40 3.74 0.00	38.42 2.92 0.00	38.72 2.41 0.00	34.86 2.01 0.00	28.83 1.50 0.00	26.89 1.38 0.00	27.70 1.30 0.00	30.56 1.39 0.00	36.73 1.81 0.00	55.61 3.84 0.00	49.03 3.68 0.00	51.08 3.87 0.00	54.02 3.89 0.00	52.53 3.07 -0.50	45.92 2.35 -1.37	40.50 2.06 0.00	40.16 2.12 0.00
ERIE_ST__34_KV_TB1-2 80199	36.68 -2.29 0.00	28.59 -1.91 0.00	27.86 -1.72 0.00	32.10 -1.77 0.00	33.14 -1.93 0.00	33.42 -1.98 0.00	42.66 -2.32 0.00	39.38 -2.29 0.00	33.76 -1.74 0.00	34.74 -1.57 0.00	31.47 -1.38 0.00	26.18 -1.15 0.00	24.70 -0.81 0.00	25.49 -0.90 0.00	27.93 -1.24 0.00	33.01 -1.91 0.00	48.84 -2.93 0.00	42.58 -2.77 0.00	44.52 -2.69 0.00	47.09 -3.05 0.00	45.25 -3.39 0.33	37.76 -3.53 0.91	35.16 -3.28 0.00	34.83 -3.22 0.00
ERIE_WT_PWR 323693	35.53 -2.68 0.77	24.33 -2.21 3.96	23.71 -1.99 3.88	27.00 -2.13 4.75	30.20 -2.28 2.60	31.06 -2.32 2.02	37.17 -2.77 5.03	32.19 -2.75 6.72	32.24 -2.11 1.15	34.43 -1.88 0.00	31.14 -1.72 0.00	25.90 -1.43 0.00	24.40 -1.11 0.00	25.23 -1.18 0.00	27.59 -1.57 0.00	32.64 -2.28 0.00	48.25 -3.52 0.00	42.10 -3.26 0.00	44.05 -3.16 0.00	46.57 -3.56 0.00	44.73 -3.91 0.31	37.35 -3.97 0.88	34.77 -3.67 0.00	34.39 -3.66 0.00
ESPRGFLD_115KV_TB1 80157	40.84 1.87 0.00	31.88 1.38 0.00	30.91 1.33 0.00	35.45 1.58 0.00	36.76 1.70 0.00	37.30 1.90 0.00	47.63 2.66 0.00	44.16 2.49 0.00	37.66 2.15 0.00	38.43 2.11 0.00	34.73 1.87 0.00	28.79 1.46 0.00	26.90 1.39 0.00	27.77 1.38 0.00	30.58 1.41 0.00	36.40 1.48 0.00	54.35 2.58 0.00	47.85 2.50 0.00	49.88 2.66 0.00	52.73 2.60 0.00	51.22 2.26 0.00	44.04 1.84 0.00	40.00 1.56 0.00	39.65 1.60 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.21 0.23 0.00	30.58 0.08 0.00	29.69 0.11 0.00	34.04 0.17 0.00	35.30 0.23 0.00	35.72 0.32 0.00	45.74 0.77 0.00	42.36 0.70 0.00	36.06 0.55 0.00	36.67 0.36 0.00	33.07 0.21 0.00	27.35 0.02 0.00	25.49 -0.03 0.00	26.29 -0.11 0.00	29.02 -0.15 0.00	34.80 -0.12 0.00	52.25 0.48 0.00	46.12 0.77 0.00	48.15 0.94 0.00	51.02 0.89 0.00	50.53 0.43 -1.13	45.47 0.13 -3.14	38.48 0.04 0.00	38.08 0.04 0.00
ETNA____115KV_TB2 80207	39.21 0.23 0.00	30.58 0.08 0.00	29.69 0.11 0.00	34.04 0.17 0.00	35.30 0.23 0.00	35.72 0.32 0.00	45.74 0.77 0.00	42.36 0.70 0.00	36.06 0.55 0.00	36.67 0.36 0.00	33.07 0.21 0.00	27.35 0.02 0.00	25.49 -0.03 0.00	26.29 -0.11 0.00	29.02 -0.15 0.00	34.80 -0.12 0.00	52.25 0.48 0.00	46.12 0.77 0.00	48.15 0.94 0.00	51.02 0.89 0.00	50.53 0.43 -1.13	45.47 0.13 -3.14	38.48 0.04 0.00	38.08 0.04 0.00
EUCLID____115KV_TB2 356179	37.72 -1.26 0.00	29.47 -1.03 0.00	28.59 -0.98 0.00	32.77 -1.10 0.00	33.95 -1.12 0.00	34.30 -1.10 0.00	43.78 -1.19 0.00	40.35 -1.31 0.00	34.40 -1.10 0.00	35.09 -1.22 0.00	31.69 -1.16 0.00	26.34 -0.99 0.00	24.61 -0.90 0.00	25.43 -0.97 0.00	28.05 -1.12 0.00	33.56 -1.36 0.00	49.98 -1.79 0.00	43.96 -1.39 0.00	45.85 -1.36 0.00	48.60 -1.53 0.00	47.25 -1.72 0.00	40.53 -1.67 0.01	36.87 -1.57 0.00	36.46 -1.59 0.00
E_CANADA_CAP_HY 24051	41.25 2.27 0.00	32.21 1.71 0.00	31.17 1.60 0.00	35.77 1.90 0.00	37.09 2.02 0.00	37.60 2.20 0.00	47.90 2.93 0.00	44.37 2.71 0.00	37.81 2.31 0.00	38.52 2.20 0.00	34.76 1.90 0.00	28.83 1.50 0.00	26.96 1.45 0.00	27.85 1.46 0.00	30.65 1.48 0.00	36.45 1.53 0.00	54.35 2.58 0.00	47.97 2.61 0.00	49.96 2.74 0.00	52.80 2.67 0.00	51.44 2.48 0.00	44.32 2.12 0.00	40.28 1.84 0.00	39.93 1.88 0.00
E_CANADA_MHWK_HY 24050	39.14 0.16 0.00	30.60 0.10 0.00	29.70 0.12 0.00	33.94 0.07 0.00	35.18 0.11 0.00	35.58 0.18 0.00	45.86 0.89 0.00	42.80 1.14 0.00	35.98 0.48 0.00	35.91 -0.40 0.00	32.26 -0.60 0.00	26.83 -0.50 0.00	24.94 -0.57 0.00	25.82 -0.58 0.00	28.69 -0.48 0.00	34.66 -0.26 0.00	51.80 0.02 0.00	46.07 0.71 0.00	48.14 0.93 0.00	51.01 0.87 0.00	49.68 0.72 0.00	42.47 0.28 0.00	38.70 0.26 0.00	38.40 0.35 0.00
E_FISHKILL__LBMP 23776	40.34 1.36 0.00	31.53 1.03 0.00	30.51 0.94 0.00	34.91 1.04 0.00	36.26 1.19 0.00	36.65 1.25 0.00	46.98 2.01 0.00	43.76 2.10 0.00	37.19 1.69 0.00	37.65 1.34 0.00	34.10 1.24 0.00	28.41 1.08 0.00	26.47 0.96 0.00	27.41 1.01 0.00	30.38 1.21 0.00	36.34 1.42 0.00	53.93 2.16 0.00	47.71 2.36 0.00	49.78 2.56 0.00	52.69 2.55 0.00	51.14 2.18 0.00	43.83 1.63 0.00	39.95 1.51 0.00	39.60 1.55 0.00
FALCON____SEABRD_CC1 323796	41.55 2.58 0.00	32.42 1.91 0.00	31.45 1.88 0.00	36.03 2.16 0.00	37.23 2.17 0.00	37.26 1.86 0.00	46.98 2.00 0.00	43.04 1.38 0.00	36.64 1.14 0.00	37.89 1.58 0.00	34.09 1.24 0.00	28.27 0.94 0.00	26.30 0.79 0.00	27.32 0.92 0.00	30.28 1.11 0.00	36.26 1.34 0.00	54.02 2.25 0.00	46.74 1.38 0.00	48.68 1.47 0.00	51.72 1.59 0.00	50.72 1.77 0.00	43.65 1.45 0.00	39.83 1.39 0.00	39.37 1.32 0.00
FALCON____SEABRD_CC2 323797	41.55 2.58 0.00	32.42 1.91 0.00	31.45 1.88 0.00	36.03 2.16 0.00	37.23 2.17 0.00	37.26 1.86 0.00	46.98 2.00 0.00	43.04 1.38 0.00	36.64 1.14 0.00	37.89 1.58 0.00	34.09 1.24 0.00	28.27 0.94 0.00	26.30 0.79 0.00	27.32 0.92 0.00	30.28 1.11 0.00	36.26 1.34 0.00	54.02 2.25 0.00	46.74 1.38 0.00	48.68 1.47 0.00	51.72 1.59 0.00	50.72 1.77 0.00	43.65 1.45 0.00	39.83 1.39 0.00	39.37 1.32 0.00

FAR ROCKAWAY___4 23548	41.56 2.59 0.00	32.55 2.05 0.00	31.77 1.89 -0.31	35.96 2.09 0.00	37.34 2.27 0.00	37.70 2.30 0.00	48.00 3.03 0.00	44.69 3.02 0.00	38.02 2.52 0.00	38.85 2.54 0.00	35.32 2.46 0.00	29.42 2.09 0.00	27.44 1.93 0.00	28.42 2.02 0.00	33.29 2.36 -1.76	71.17 2.75 -33.50	55.33 3.55 0.00	57.76 3.64 -8.77	54.89 4.00 -3.68	54.51 4.06 -0.33	67.18 3.67 -14.55	45.64 2.82 -0.62	45.99 2.84 -4.70	40.83 2.78 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.66 1.69 0.00	31.78 1.27 0.00	30.67 1.10 0.00	35.09 1.22 0.00	36.48 1.41 0.00	36.93 1.53 0.00	47.38 2.41 0.00	44.22 2.56 0.00	37.69 2.19 0.00	38.25 1.94 0.00	34.70 1.84 0.00	29.96 1.61 -1.03	28.02 1.45 -1.06	27.98 1.52 -0.07	31.39 1.75 -0.47	36.94 2.02 0.00	54.72 2.95 0.00	48.34 2.99 0.00	50.44 3.22 0.00	53.39 3.26 0.00	51.66 2.70 0.00	44.30 2.10 0.00	40.35 1.91 0.00	39.99 1.94 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.70 1.72 0.00	31.80 1.30 0.00	30.70 1.13 0.00	35.12 1.25 0.00	36.50 1.43 0.00	36.96 1.56 0.00	47.40 2.43 0.00	44.26 2.60 0.00	37.72 2.22 0.00	38.28 1.96 0.00	34.72 1.86 0.00	29.98 1.62 -1.03	28.03 1.46 -1.06	28.00 1.54 -0.07	31.41 1.77 -0.47	36.96 2.04 0.00	54.77 3.00 0.00	48.37 3.02 0.00	50.47 3.26 0.00	53.43 3.30 0.00	51.71 2.75 0.00	44.33 2.14 0.00	40.37 1.93 0.00	40.01 1.96 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.65 1.67 0.00	31.77 1.27 0.00	30.67 1.09 0.00	35.08 1.22 0.00	36.47 1.40 0.00	36.92 1.52 0.00	47.35 2.38 0.00	44.20 2.54 0.00	37.67 2.17 0.00	38.23 1.92 0.00	34.68 1.82 0.00	29.95 1.59 -1.03	28.01 1.44 -1.06	27.97 1.51 -0.07	31.38 1.74 -0.47	36.92 2.00 0.00	54.69 2.92 0.00	48.31 2.96 0.00	50.41 3.19 0.00	53.37 3.24 0.00	51.63 2.67 0.00	44.27 2.07 0.00	40.32 1.88 0.00	39.97 1.92 0.00
FARRAGUT___LBMP 323566	40.62 1.64 0.00	31.75 1.24 0.00	30.64 1.07 0.00	35.05 1.18 0.00	36.44 1.37 0.00	36.90 1.49 0.00	47.31 2.34 0.00	44.17 2.51 0.00	37.64 2.14 0.00	38.20 1.88 0.00	34.65 1.79 0.00	29.92 1.57 -1.03	27.98 1.41 -1.06	27.95 1.48 -0.07	31.35 1.71 -0.47	36.89 1.97 0.00	54.64 2.87 0.00	48.27 2.92 0.00	50.37 3.15 0.00	53.33 3.20 0.00	51.60 2.64 0.00	44.24 2.04 0.00	40.30 1.86 0.00	39.95 1.90 0.00
FENNER___WINDPWR 24204	39.36 0.38 0.00	30.75 0.25 0.00	29.83 0.26 0.00	34.19 0.32 0.00	35.42 0.35 0.00	35.83 0.43 0.00	45.83 0.86 0.00	42.50 0.84 0.00	36.16 0.66 0.00	36.68 0.36 0.00	33.06 0.20 0.00	27.43 0.10 0.00	25.61 0.09 0.00	26.46 0.07 0.00	29.22 0.05 0.00	35.03 0.11 0.00	52.38 0.61 0.00	46.20 0.85 0.00	48.21 1.00 0.00	51.14 1.01 0.00	49.95 0.78 -0.21	43.26 0.47 -0.59	38.82 0.38 0.00	38.40 0.35 0.00
FIBERTEK___ENERGY 23856	38.22 -0.76 0.00	29.83 -0.67 0.00	28.95 -0.62 0.00	33.18 -0.69 0.00	34.39 -0.69 0.00	34.78 -0.63 0.00	44.40 -0.57 0.00	41.00 -0.66 0.00	34.92 -0.58 0.00	35.64 -0.68 0.00	32.17 -0.69 0.00	26.72 -0.61 0.00	24.96 -0.56 0.00	25.78 -0.62 0.00	28.44 -0.73 0.00	34.05 -0.87 0.00	50.76 -1.01 0.00	44.68 -0.67 0.00	46.60 -0.62 0.00	49.38 -0.75 0.00	47.95 -1.01 0.00	41.13 -1.07 0.00	37.41 -1.03 0.00	36.99 -1.05 0.00
FITZPATRICK___ 23598	37.27 -1.71 0.00	29.14 -1.36 0.00	28.27 -1.30 0.00	32.39 -1.48 0.00	33.55 -1.52 0.00	33.89 -1.51 0.00	43.18 -1.79 0.00	39.89 -1.78 0.00	34.00 -1.51 0.00	34.71 -1.60 0.00	31.37 -1.49 0.00	26.08 -1.25 0.00	24.36 -1.15 0.00	25.19 -1.21 0.00	27.78 -1.39 0.00	33.24 -1.68 0.00	49.44 -2.33 0.00	43.43 -1.92 0.00	45.27 -1.95 0.00	48.01 -2.13 0.00	46.73 -2.24 0.00	40.13 -2.06 0.00	36.53 -1.91 0.00	36.14 -1.91 0.00
FLOWRFLD_69_KV_BK1 356044	41.79 2.81 0.00	32.64 2.14 0.00	31.95 2.07 -0.31	36.14 2.28 0.00	37.50 2.44 0.00	37.89 2.49 0.00	48.50 3.53 0.00	45.32 3.66 0.00	38.64 3.14 0.00	39.01 2.70 0.00	35.39 2.53 0.00	29.36 2.03 0.00	27.36 1.85 0.00	28.35 1.95 0.00	33.29 2.36 -1.76	71.29 2.87 -33.50	56.32 4.55 0.00	58.70 4.58 -8.77	55.67 4.77 -3.68	55.30 4.84 -0.33	67.85 4.34 -14.55	46.03 3.22 -0.62	46.08 2.94 -4.70	40.92 2.87 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.81 1.83 0.00	31.90 1.40 0.00	30.87 1.29 0.00	35.34 1.47 0.00	36.71 1.64 0.00	37.13 1.73 0.00	47.65 2.68 0.00	44.41 2.75 0.00	37.75 2.25 0.00	38.16 1.85 0.00	34.53 1.67 0.00	28.74 1.41 0.00	26.77 1.25 0.00	27.73 1.33 0.00	30.73 1.56 0.00	36.79 1.87 0.00	54.70 2.93 0.00	48.42 3.07 0.00	50.55 3.34 0.00	53.50 3.37 0.00	51.91 2.95 0.00	44.45 2.25 0.00	40.47 2.03 0.00	40.08 2.03 0.00
FORT ORANGE___ 23900	39.67 0.70 0.00	31.09 0.58 0.00	30.14 0.57 0.00	34.48 0.61 0.00	35.69 0.62 0.00	36.05 0.66 0.00	46.14 1.17 0.00	42.94 1.28 0.00	36.28 0.78 0.00	36.66 0.34 0.00	33.14 0.28 0.00	27.63 0.30 0.00	25.76 0.24 0.00	26.67 0.27 0.00	29.53 0.36 0.00	35.50 0.58 0.00	52.78 1.01 0.00	46.62 1.27 0.00	48.62 1.40 0.00	51.81 1.68 0.00	50.53 1.57 0.00	43.39 1.20 0.00	39.57 1.13 0.00	39.15 1.10 0.00
FORT_DRUM_COGEN 23780	38.92 -0.05 0.00	30.36 -0.14 0.00	29.39 -0.19 0.00	33.65 -0.22 0.00	34.88 -0.19 0.00	34.92 -0.48 0.00	44.62 -0.34 0.00	41.35 -0.31 0.00	35.23 -0.27 0.00	35.39 -0.92 0.00	31.51 -1.35 0.00	26.25 -1.09 0.00	24.63 -0.88 0.00	25.36 -1.03 0.00	27.91 -1.26 0.00	33.42 -1.50 0.00	50.78 -0.99 0.00	45.04 -0.31 0.00	47.01 -0.21 0.00	49.94 -0.20 0.00	48.90 -0.06 0.00	42.18 -0.02 0.00	38.42 -0.02 0.00	38.02 -0.03 0.00
FOX_HILLS___ESR 323835	40.72 1.74 0.00	31.82 1.32 0.00	30.73 1.15 0.00	35.14 1.28 0.00	36.54 1.47 0.00	37.02 1.62 0.00	44.69 2.36 2.64	41.59 2.51 2.59	36.92 2.19 0.77	38.28 1.97 0.00	34.70 1.85 0.00	29.95 1.58 -1.04	27.93 1.35 -1.07	27.93 1.47 -0.07	31.32 1.68 -0.47	36.89 1.97 0.00	46.51 2.79 8.05	43.30 2.78 4.83	46.59 3.03 3.65	53.28 3.15 0.00	48.79 2.60 2.77	43.61 2.04 0.63	40.37 1.93 0.00	40.04 1.99 0.00
FPL_FAR_ROCK_GT1 24212	41.56 2.58 0.00	32.55 2.05 0.00	31.77 1.89 -0.31	35.97 2.10 0.00	37.34 2.27 0.00	37.70 2.30 0.00	47.99 3.02 0.00	44.68 3.02 0.00	38.02 2.52 0.00	38.85 2.54 0.00	35.32 2.47 0.00	29.42 2.09 0.00	27.44 1.93 0.00	28.42 2.02 0.00	33.29 2.36 -1.76	71.17 2.75 -33.50	55.33 3.55 0.00	57.76 3.64 -8.77	54.89 4.00 -3.68	54.52 4.06 -0.33	67.18 3.67 -14.55	45.64 2.82 -0.62	45.99 2.85 -4.70	40.83 2.78 0.00
FPL_FAR_ROCK_GT2 23815	41.56 2.58 0.00	32.55 2.05 0.00	31.77 1.89 -0.31	35.97 2.10 0.00	37.34 2.27 0.00	37.70 2.30 0.00	47.99 3.02 0.00	44.68 3.02 0.00	38.02 2.52 0.00	38.85 2.54 0.00	35.32 2.47 0.00	29.42 2.09 0.00	27.44 1.93 0.00	28.42 2.02 0.00	33.29 2.36 -1.76	71.17 2.75 -33.50	55.33 3.55 0.00	57.76 3.64 -8.77	54.89 4.00 -3.68	54.52 4.06 -0.33	67.18 3.67 -14.55	45.64 2.82 -0.62	45.99 2.85 -4.70	40.83 2.78 0.00

FRANKLIN_FALL_HYD 24054	41.18 2.21 0.00	32.23 1.73 0.00	31.28 1.70 0.00	35.83 1.96 0.00	37.02 1.95 0.00	37.21 1.81 0.00	46.88 1.91 0.00	43.20 1.54 0.00	36.87 1.37 0.00	38.01 1.70 0.00	34.21 1.35 0.00	28.37 1.04 0.00	26.47 0.96 0.00	27.41 1.01 0.00	30.26 1.09 0.00	36.24 1.32 0.00	53.91 2.14 0.00	46.77 1.42 0.00	48.69 1.48 0.00	51.77 1.64 0.00	50.92 1.96 0.00	43.88 1.69 0.00	39.94 1.50 0.00	39.53 1.48 0.00
FREEPORT_EQUS_GT1 23764	41.36 2.38 0.00	32.37 1.87 0.00	31.60 1.72 -0.31	35.77 1.90 0.00	37.14 2.07 0.00	37.52 2.12 0.00	47.96 2.99 0.00	44.82 3.16 0.00	38.13 2.63 0.00	38.62 2.31 0.00	35.09 2.23 0.00	29.21 1.88 0.00	27.24 1.72 0.00	28.20 1.80 0.00	33.06 2.12 -1.76	70.93 2.52 -33.50	55.39 3.61 0.00	57.60 3.48 -8.77	54.61 3.72 -3.68	54.20 3.74 -0.33	66.88 3.37 -14.55	45.69 2.88 -0.62	45.75 2.60 -4.70	40.60 2.55 0.00
FREEPORT___CT2 23818	41.36 2.38 0.00	32.37 1.87 0.00	31.60 1.72 -0.31	35.77 1.90 0.00	37.14 2.07 0.00	37.52 2.12 0.00	47.96 2.99 0.00	44.82 3.16 0.00	38.13 2.63 0.00	38.62 2.31 0.00	35.09 2.23 0.00	29.21 1.88 0.00	27.24 1.72 0.00	28.20 1.80 0.00	33.06 2.12 -1.76	70.93 2.52 -33.50	55.39 3.61 0.00	57.60 3.48 -8.77	54.61 3.72 -3.68	54.20 3.74 -0.33	66.88 3.37 -14.55	45.69 2.88 -0.62	45.75 2.60 -4.70	40.60 2.55 0.00
FRESHKLS_33_KV_LOAD 356253	40.67 1.69 0.00	31.78 1.28 0.00	30.70 1.13 0.00	35.13 1.26 0.00	36.52 1.45 0.00	36.99 1.59 0.00	42.71 2.27 4.53	39.66 2.44 4.44	36.28 2.10 1.32	38.20 1.88 0.00	34.62 1.76 0.00	29.86 1.50 -1.04	27.84 1.26 -1.07	27.85 1.39 -0.07	31.22 1.58 -0.47	36.78 1.87 0.00	39.90 2.64 14.51	39.74 2.66 8.28	43.86 2.90 6.25	53.20 3.07 0.00	46.68 2.48 4.76	42.96 1.91 1.15	40.29 1.85 0.00	39.98 1.93 0.00
FULTON COGEN____ 23766	37.58 -1.39 0.00	29.37 -1.13 0.00	28.48 -1.09 0.00	32.65 -1.22 0.00	33.83 -1.24 0.00	34.19 -1.21 0.00	43.66 -1.31 0.00	40.27 -1.39 0.00	34.35 -1.15 0.00	35.01 -1.30 0.00	31.59 -1.27 0.00	26.25 -1.08 0.00	24.54 -0.98 0.00	25.36 -1.04 0.00	27.97 -1.20 0.00	33.50 -1.42 0.00	49.92 -1.85 0.00	43.95 -1.41 0.00	45.83 -1.38 0.00	48.56 -1.57 0.00	47.24 -1.72 0.00	40.52 -1.67 0.00	36.86 -1.58 0.00	36.45 -1.60 0.00
FULTON___LFGE 323630	42.85 3.88 0.00	33.42 2.92 0.00	32.39 2.82 0.00	37.14 3.27 0.00	38.52 3.46 0.00	39.13 3.73 0.00	50.33 5.36 0.00	46.78 5.12 0.00	39.27 3.77 0.00	38.69 2.38 0.00	34.32 1.47 0.00	28.40 1.07 0.00	26.52 1.01 0.00	27.42 1.02 0.00	30.23 1.07 0.00	36.29 1.37 0.00	55.93 4.16 0.00	50.66 5.31 0.00	53.00 5.79 0.00	56.03 5.90 0.00	54.43 5.47 0.00	46.66 4.47 0.00	42.26 3.82 0.00	41.72 3.67 0.00
G.F.CEMENT___DRP 24184	40.98 2.00 0.00	32.02 1.53 0.00	30.99 1.41 0.00	35.29 1.42 0.00	36.58 1.51 0.00	36.69 1.28 0.00	46.97 2.00 0.00	43.60 1.94 0.00	36.79 1.29 0.00	37.14 0.83 0.00	33.45 0.60 0.00	27.81 0.48 0.00	25.90 0.38 0.00	26.87 0.47 0.00	29.82 0.65 0.00	36.02 1.10 0.00	53.80 2.03 0.00	47.38 2.03 0.00	49.33 2.11 0.00	52.19 2.06 0.00	50.82 1.86 0.00	43.63 1.43 0.00	39.84 1.40 0.00	39.31 1.27 0.00
GARDENVILLE___LBMP 24039	36.18 -2.79 0.00	28.19 -2.30 0.00	27.47 -2.11 0.00	31.65 -2.22 0.00	32.69 -2.38 0.00	32.97 -2.43 0.00	42.04 -2.93 0.00	38.72 -2.94 0.00	33.26 -2.24 0.00	34.28 -2.04 0.00	31.04 -1.82 0.00	25.80 -1.53 0.00	24.32 -1.19 0.00	25.13 -1.27 0.00	27.49 -1.69 0.00	32.51 -2.40 0.00	48.09 -3.68 0.00	41.94 -3.41 0.00	43.91 -3.30 0.00	46.39 -3.74 0.00	44.59 -4.07 0.31	37.25 -4.09 0.86	34.63 -3.81 0.00	34.28 -3.77 0.00
GARDNVLA_35_KV_LD 355827	36.33 -2.65 0.00	28.28 -2.23 0.00	27.55 -2.02 0.00	31.73 -2.14 0.00	32.78 -2.28 0.00	33.08 -2.32 0.00	42.20 -2.77 0.00	38.89 -2.77 0.00	33.42 -2.09 0.00	34.45 -1.86 0.00	31.18 -1.68 0.00	25.92 -1.41 0.00	24.42 -1.09 0.00	25.24 -1.16 0.00	27.60 -1.57 0.00	32.66 -2.26 0.00	48.30 -3.47 0.00	42.12 -3.23 0.00	44.11 -3.10 0.00	46.61 -3.52 0.00	44.78 -3.86 0.32	37.39 -3.92 0.89	34.77 -3.67 0.00	34.41 -3.64 0.00
GELCKHM___115KV_LOAD 80723	37.92 -1.05 0.00	29.62 -0.88 0.00	28.74 -0.84 0.00	32.94 -0.93 0.00	34.13 -0.94 0.00	34.49 -0.91 0.00	44.02 -0.95 0.00	40.60 -1.06 0.00	34.61 -0.89 0.00	35.32 -1.00 0.00	31.89 -0.97 0.00	26.49 -0.84 0.00	24.76 -0.76 0.00	25.58 -0.82 0.00	28.21 -0.96 0.00	33.76 -1.16 0.00	50.30 -1.47 0.00	44.25 -1.10 0.00	46.14 -1.07 0.00	48.91 -1.22 0.00	47.53 -1.43 0.00	40.78 -1.41 0.01	37.09 -1.35 0.00	36.68 -1.37 0.00
GENERAL___MILLS 23808	36.28 -2.70 0.00	28.26 -2.25 0.00	27.53 -2.05 0.00	31.71 -2.16 0.00	32.76 -2.31 0.00	33.04 -2.36 0.00	42.14 -2.83 0.00	38.83 -2.83 0.00	33.36 -2.14 0.00	34.38 -1.93 0.00	31.13 -1.73 0.00	25.88 -1.45 0.00	24.39 -1.13 0.00	25.20 -1.20 0.00	27.56 -1.61 0.00	32.61 -2.32 0.00	48.21 -3.56 0.00	42.06 -3.30 0.00	44.03 -3.19 0.00	46.52 -3.61 0.00	44.72 -3.93 0.31	37.33 -3.99 0.88	34.71 -3.72 0.00	34.37 -3.68 0.00
GE_PLASTICS___DRP 24183	39.59 0.61 0.00	31.01 0.51 0.00	30.06 0.49 0.00	34.39 0.52 0.00	35.61 0.54 0.00	35.96 0.56 0.00	45.97 1.00 0.00	42.77 1.11 0.00	36.23 0.72 0.00	36.69 0.38 0.00	33.21 0.35 0.00	27.68 0.35 0.00	25.81 0.30 0.00	26.73 0.33 0.00	29.58 0.41 0.00	35.52 0.60 0.00	52.71 0.94 0.00	46.47 1.12 0.00	48.42 1.21 0.00	51.51 1.38 0.00	50.20 1.24 0.00	43.13 0.93 0.00	39.34 0.90 0.00	38.95 0.90 0.00
GILBOA___1 23756	39.68 0.71 0.00	31.06 0.56 0.00	30.19 0.61 0.00	34.54 0.67 0.00	35.70 0.63 0.00	36.06 0.66 0.00	46.10 1.13 0.00	42.86 1.20 0.00	36.42 0.92 0.00	36.97 0.65 0.00	33.45 0.59 0.00	27.85 0.52 0.00	25.96 0.45 0.00	26.87 0.47 0.00	29.74 0.57 0.00	35.63 0.71 0.00	52.91 1.14 0.00	46.61 1.26 0.00	48.56 1.35 0.00	51.54 1.41 0.00	50.14 1.17 0.00	43.05 0.85 0.00	39.24 0.80 0.00	38.87 0.82 0.00
GILBOA___2 23757	39.68 0.71 0.00	31.06 0.56 0.00	30.19 0.61 0.00	34.54 0.67 0.00	35.70 0.63 0.00	36.06 0.66 0.00	46.10 1.13 0.00	42.86 1.20 0.00	36.42 0.92 0.00	36.97 0.65 0.00	33.45 0.59 0.00	27.85 0.52 0.00	25.96 0.45 0.00	26.87 0.47 0.00	29.74 0.57 0.00	35.63 0.71 0.00	52.91 1.14 0.00	46.61 1.26 0.00	48.56 1.35 0.00	51.54 1.41 0.00	50.14 1.17 0.00	43.05 0.85 0.00	39.24 0.80 0.00	38.87 0.82 0.00
GILBOA___3 23758	39.68 0.71 0.00	31.06 0.56 0.00	30.19 0.61 0.00	34.54 0.67 0.00	35.70 0.63 0.00	36.06 0.66 0.00	46.10 1.13 0.00	42.86 1.20 0.00	36.42 0.92 0.00	36.97 0.65 0.00	33.45 0.59 0.00	27.85 0.52 0.00	25.96 0.45 0.00	26.87 0.47 0.00	29.74 0.57 0.00	35.63 0.71 0.00	52.91 1.14 0.00	46.61 1.26 0.00	48.56 1.35 0.00	51.54 1.41 0.00	50.14 1.17 0.00	43.05 0.85 0.00	39.24 0.80 0.00	38.87 0.82 0.00

GILBOA___4 23759	39.68 0.71 0.00	31.06 0.56 0.00	30.19 0.61 0.00	34.54 0.67 0.00	35.70 0.63 0.00	36.06 0.66 0.00	46.10 1.13 0.00	42.86 1.20 0.00	36.42 0.92 0.00	36.97 0.65 0.00	33.45 0.59 0.00	27.85 0.52 0.00	25.96 0.45 0.00	26.87 0.47 0.00	29.74 0.57 0.00	35.63 0.71 0.00	52.91 1.14 0.00	46.61 1.26 0.00	48.56 1.35 0.00	51.54 1.41 0.00	50.14 1.17 0.00	43.05 0.85 0.00	39.24 0.80 0.00	38.87 0.82 0.00
GILBOA____ 23599	39.68 0.70 0.00	31.06 0.56 0.00	30.19 0.61 0.00	34.55 0.68 0.00	35.69 0.62 0.00	36.06 0.66 0.00	46.10 1.14 0.00	42.86 1.20 0.00	36.42 0.92 0.00	36.96 0.65 0.00	33.45 0.59 0.00	27.85 0.52 0.00	25.96 0.45 0.00	26.87 0.47 0.00	29.75 0.58 0.00	35.63 0.71 0.00	52.91 1.14 0.00	46.61 1.26 0.00	48.56 1.35 0.00	51.55 1.42 0.00	50.14 1.18 0.00	43.05 0.85 0.00	39.24 0.80 0.00	38.87 0.82 0.00
GINNA____ 23603	35.36 -3.37 0.24	26.54 -2.71 1.26	25.77 -2.57 1.23	29.48 -2.88 1.51	31.26 -2.99 0.82	31.84 -2.92 0.64	39.88 -3.48 1.61	36.06 -3.37 2.23	32.41 -2.73 0.37	33.64 -2.67 0.00	30.42 -2.44 0.00	25.29 -2.04 0.00	23.68 -1.84 0.00	24.42 -1.99 0.00	26.79 -2.38 0.00	31.89 -3.03 0.00	47.47 -4.30 0.00	41.70 -3.66 0.00	43.56 -3.66 0.00	46.08 -4.06 0.00	44.57 -4.21 0.18	37.62 -4.06 0.52	34.60 -3.84 0.00	34.18 -3.87 0.00
GLEN PARK____ 23778	38.94 -0.04 0.00	30.36 -0.14 0.00	29.39 -0.18 0.00	33.67 -0.20 0.00	34.88 -0.19 0.00	34.96 -0.44 0.00	44.75 -0.22 0.00	41.48 -0.19 0.00	35.30 -0.21 0.00	35.35 -0.96 0.00	31.43 -1.42 0.00	26.19 -1.14 0.00	24.58 -0.94 0.00	25.28 -1.12 0.00	27.83 -1.34 0.00	33.31 -1.61 0.00	50.76 -1.01 0.00	45.19 -0.16 0.00	47.19 -0.02 0.00	50.14 0.00 0.00	49.06 0.10 0.00	42.28 0.08 0.00	38.49 0.05 0.00	38.06 0.01 0.00
GLENDALE_27_KV_LOAD 356172	40.81 1.84 0.00	31.89 1.39 0.00	30.78 1.21 0.00	35.20 1.33 0.00	36.60 1.53 0.00	37.08 1.68 0.00	47.59 2.61 0.00	44.42 2.76 0.00	37.86 2.36 0.00	38.44 2.13 0.00	34.85 2.00 0.00	30.09 1.73 -1.04	28.12 1.53 -1.07	28.09 1.63 -0.07	31.50 1.86 -0.47	37.09 2.17 0.00	54.93 3.16 0.00	48.54 3.19 0.00	50.63 3.41 0.00	53.62 3.49 0.00	51.90 2.94 0.00	44.50 2.31 0.00	40.52 2.08 0.00	40.14 2.09 0.00
GLENWOOD_IC_1_G5 23712	41.35 2.38 0.00	32.36 1.86 0.00	31.60 1.72 -0.31	35.78 1.91 0.00	37.14 2.07 0.00	37.52 2.11 0.00	47.67 2.70 0.00	44.54 2.88 0.00	37.89 2.38 0.00	38.42 2.11 0.00	35.14 2.28 0.00	29.25 1.92 0.00	27.28 1.76 0.00	28.24 1.85 0.00	33.10 2.17 -1.76	70.94 2.53 -33.50	55.13 3.36 0.00	57.57 3.45 -8.77	54.65 3.76 -3.68	54.26 3.80 -0.33	66.90 3.39 -14.55	45.36 2.54 -0.62	45.65 2.51 -4.70	40.61 2.56 0.00
GLENWOOD_IC_2_G1 23688	41.23 2.25 0.00	32.27 1.77 0.00	31.50 1.62 -0.31	35.67 1.80 0.00	37.02 1.95 0.00	37.41 2.01 0.00	47.77 2.80 0.00	44.62 2.95 0.00	37.96 2.46 0.00	38.48 2.17 0.00	35.01 2.15 0.00	29.15 1.82 0.00	27.18 1.66 0.00	28.14 1.74 0.00	32.99 2.05 -1.76	70.83 2.41 -33.50	55.21 3.43 0.00	57.64 3.52 -8.77	54.71 3.82 -3.68	54.35 3.89 -0.33	66.96 3.45 -14.55	45.44 2.63 -0.62	45.59 2.45 -4.70	40.49 2.44 0.00
GLENWOOD_IC_3_G1 23689	41.23 2.25 0.00	32.27 1.77 0.00	31.50 1.62 -0.31	35.67 1.80 0.00	37.02 1.95 0.00	37.41 2.01 0.00	47.77 2.80 0.00	44.62 2.95 0.00	37.96 2.46 0.00	38.48 2.17 0.00	35.01 2.15 0.00	29.15 1.82 0.00	27.18 1.66 0.00	28.14 1.74 0.00	32.99 2.05 -1.76	70.83 2.41 -33.50	55.21 3.43 0.00	57.64 3.52 -8.77	54.71 3.82 -3.68	54.35 3.89 -0.33	66.96 3.45 -14.55	45.44 2.63 -0.62	45.59 2.45 -4.70	40.49 2.44 0.00
GLENWOOD___4 23550	41.35 2.38 0.00	32.36 1.86 0.00	31.60 1.72 -0.31	35.78 1.91 0.00	37.14 2.07 0.00	37.52 2.12 0.00	47.77 2.80 0.00	44.64 2.98 0.00	37.98 2.48 0.00	38.51 2.20 0.00	35.14 2.28 0.00	29.25 1.92 0.00	27.28 1.76 0.00	28.24 1.85 0.00	33.10 2.17 -1.76	70.95 2.54 -33.50	55.25 3.48 0.00	57.68 3.56 -8.77	54.76 3.87 -3.68	54.39 3.93 -0.33	67.00 3.49 -14.55	45.47 2.65 -0.62	45.68 2.54 -4.70	40.61 2.56 0.00
GLENWOOD___5 23614	41.35 2.38 0.00	32.36 1.86 0.00	31.60 1.72 -0.31	35.78 1.91 0.00	37.14 2.07 0.00	37.52 2.12 0.00	47.77 2.80 0.00	44.64 2.98 0.00	37.98 2.48 0.00	38.51 2.20 0.00	35.14 2.28 0.00	29.25 1.92 0.00	27.28 1.76 0.00	28.24 1.85 0.00	33.10 2.17 -1.76	70.95 2.54 -33.50	55.25 3.48 0.00	57.68 3.56 -8.77	54.76 3.87 -3.68	54.39 3.93 -0.33	67.00 3.49 -14.55	45.47 2.65 -0.62	45.68 2.54 -4.70	40.61 2.56 0.00
GLOBAL GREEN_PORT_GT1 23814	42.28 3.30 0.00	32.98 2.48 0.00	32.40 2.52 -0.31	36.68 2.81 0.00	38.09 3.02 0.00	38.52 3.12 0.00	49.35 4.38 0.00	46.06 4.40 0.00	39.36 3.85 0.00	39.55 3.24 0.00	35.80 2.94 0.00	29.65 2.32 0.00	27.60 2.08 0.00	28.69 2.29 0.00	33.83 2.89 -1.76	72.13 3.71 -33.50	57.84 6.07 0.00	60.15 6.03 -8.77	57.06 6.17 -3.68	56.86 6.40 -0.33	69.44 5.93 -14.55	47.08 4.27 -0.62	46.77 3.63 -4.70	41.43 3.38 0.00
GLOBE___DSASP 323697	34.83 -4.15 0.00	27.34 -3.16 0.00	26.67 -2.90 0.00	30.71 -3.16 0.00	31.64 -3.43 0.00	31.89 -3.51 0.00	40.47 -4.50 0.00	37.30 -4.36 0.00	31.91 -3.59 0.00	32.90 -3.41 0.00	29.71 -3.14 0.00	24.70 -2.63 0.00	23.28 -2.24 0.00	24.03 -2.37 0.00	26.25 -2.92 0.00	31.03 -3.89 0.00	45.73 -6.04 0.00	39.94 -5.41 0.00	41.82 -5.39 0.00	44.16 -5.97 0.00	42.66 -6.03 0.27	35.67 -5.76 0.77	33.14 -5.29 0.00	32.84 -5.21 0.00
GOETHSLN___LBMP 323567	40.43 1.45 0.00	31.60 1.10 0.00	30.50 0.93 0.00	34.89 1.02 0.00	36.26 1.19 0.00	36.72 1.32 0.00	41.09 2.10 5.98	39.47 2.28 4.47	36.13 1.96 1.33	38.02 1.71 0.00	34.50 1.64 0.00	29.81 1.45 -1.03	27.88 1.31 -1.06	27.83 1.37 -0.07	31.23 1.59 -0.47	36.74 1.82 0.00	39.78 2.60 14.60	39.68 2.66 8.33	39.66 2.88 10.43	39.39 2.91 13.65	39.58 2.36 11.74	40.10 1.82 3.92	39.59 1.66 0.51	39.60 1.71 0.15
GOLAH___69_KV_TB 1_2 80279	37.16 -1.82 0.00	28.98 -1.52 0.00	28.18 -1.39 0.00	32.39 -1.48 0.00	33.52 -1.55 0.00	33.90 -1.50 0.00	43.28 -1.69 0.00	39.92 -1.74 0.00	34.26 -1.24 0.00	35.23 -1.08 0.00	31.88 -0.97 0.00	26.50 -0.83 0.00	24.87 -0.65 0.00	25.62 -0.78 0.00	28.02 -1.15 0.00	33.23 -1.69 0.00	49.41 -2.36 0.00	43.42 -1.93 0.00	45.44 -1.77 0.00	48.03 -2.10 0.00	46.43 -2.33 0.20	39.08 -2.55 0.57	35.98 -2.46 0.00	35.57 -2.48 0.00
GOODYEAR_LAKE_HYD 323669	40.34 1.36 0.00	31.51 1.01 0.00	30.57 0.99 0.00	35.04 1.17 0.00	36.31 1.24 0.00	36.80 1.40 0.00	47.11 2.14 0.00	43.74 2.08 0.00	37.22 1.72 0.00	37.87 1.56 0.00	34.24 1.38 0.00	28.42 1.09 0.00	26.53 1.01 0.00	27.40 1.00 0.00	30.25 1.08 0.00	36.13 1.21 0.00	53.93 2.17 0.00	47.48 2.13 0.00	49.50 2.29 0.00	52.42 2.29 0.00	50.88 1.91 0.00	43.64 1.45 0.00	39.68 1.23 0.00	39.31 1.25 0.00

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	38.61 -0.37 0.00	30.08 -0.42 0.00	29.23 -0.34 0.00	33.57 -0.30 0.00	34.80 -0.27 0.00	35.13 -0.27 0.00	44.96 -0.01 0.00	41.64 -0.02 0.00	35.55 0.04 0.00	36.20 -0.11 0.00	32.75 -0.11 0.00	27.18 -0.15 0.00	25.38 -0.14 0.00	26.20 -0.19 0.00	28.94 -0.23 0.00	34.58 -0.34 0.00	51.74 -0.03 0.00	45.44 0.09 0.00	47.40 0.18 0.00	50.25 0.12 0.00	48.54 -0.35 0.07	41.50 -0.51 0.19	38.00 -0.44 0.00	37.65 -0.40 0.00
GOUDEY___7 23579	38.64 -0.34 0.00	30.10 -0.40 0.00	29.25 -0.32 0.00	33.59 -0.28 0.00	34.82 -0.24 0.00	35.16 -0.24 0.00	45.00 0.03 0.00	41.67 0.01 0.00	35.58 0.08 0.00	36.24 -0.08 0.00	32.78 -0.07 0.00	27.21 -0.12 0.00	25.40 -0.11 0.00	26.23 -0.17 0.00	28.96 -0.20 0.00	34.61 -0.31 0.00	51.79 0.02 0.00	45.48 0.13 0.00	47.44 0.23 0.00	50.30 0.17 0.00	48.59 -0.31 0.07	41.53 -0.48 0.19	38.03 -0.41 0.00	37.68 -0.37 0.00
GOUDEY___8 23580	38.61 -0.37 0.00	30.08 -0.42 0.00	29.23 -0.34 0.00	33.57 -0.30 0.00	34.80 -0.27 0.00	35.13 -0.27 0.00	44.96 -0.01 0.00	41.64 -0.02 0.00	35.55 0.04 0.00	36.20 -0.11 0.00	32.75 -0.11 0.00	27.18 -0.15 0.00	25.38 -0.14 0.00	26.20 -0.19 0.00	28.94 -0.23 0.00	34.58 -0.34 0.00	51.74 -0.03 0.00	45.44 0.09 0.00	47.40 0.18 0.00	50.25 0.12 0.00	48.54 -0.35 0.07	41.50 -0.51 0.19	38.00 -0.44 0.00	37.65 -0.40 0.00
GOWANUS_GT1_1 24077	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.23 1.36 0.00	36.62 1.55 0.00	37.11 1.70 0.00	47.51 2.54 0.00	44.36 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.97 0.00	30.07 1.70 -1.04	28.05 1.47 -1.07	28.05 1.58 -0.07	31.46 1.81 -0.47	37.04 2.12 0.00	54.81 3.04 0.00	48.35 2.99 0.00	50.46 3.24 0.00	53.48 3.35 0.00	51.79 2.83 0.00	44.42 2.23 0.00	40.50 2.06 0.00	40.14 2.09 0.00
GOWANUS_GT1_2 24078	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.23 1.36 0.00	36.62 1.55 0.00	37.11 1.70 0.00	47.51 2.54 0.00	44.36 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.97 0.00	30.07 1.70 -1.04	28.05 1.47 -1.07	28.05 1.58 -0.07	31.46 1.81 -0.47	37.04 2.12 0.00	54.81 3.04 0.00	48.35 2.99 0.00	50.46 3.24 0.00	53.48 3.35 0.00	51.79 2.83 0.00	44.42 2.23 0.00	40.50 2.06 0.00	40.14 2.09 0.00
GOWANUS_GT1_3 24079	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.23 1.36 0.00	36.62 1.55 0.00	37.11 1.70 0.00	47.51 2.54 0.00	44.36 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.97 0.00	30.07 1.70 -1.04	28.05 1.47 -1.07	28.05 1.58 -0.07	31.46 1.81 -0.47	37.04 2.12 0.00	54.81 3.04 0.00	48.35 2.99 0.00	50.46 3.24 0.00	53.48 3.35 0.00	51.79 2.83 0.00	44.42 2.23 0.00	40.50 2.06 0.00	40.14 2.09 0.00
GOWANUS_GT1_4 24080	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.23 1.36 0.00	36.62 1.55 0.00	37.11 1.70 0.00	47.51 2.54 0.00	44.36 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.97 0.00	30.07 1.70 -1.04	28.05 1.47 -1.07	28.05 1.58 -0.07	31.46 1.81 -0.47	37.04 2.12 0.00	54.81 3.04 0.00	48.35 2.99 0.00	50.46 3.24 0.00	53.48 3.35 0.00	51.79 2.83 0.00	44.42 2.23 0.00	40.50 2.06 0.00	40.14 2.09 0.00
GOWANUS_GT1_5 24084	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.23 1.36 0.00	36.62 1.55 0.00	37.11 1.70 0.00	47.																	

GOWANUS_GT2_5 24118	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.98 0.00	30.07 1.70 -1.04	28.05 1.46 -1.08	28.06 1.59 -0.07	31.45 1.81 -0.48	37.04 2.12 0.00	54.81 3.04 0.00	48.34 2.99 0.00	50.46 3.24 0.00	53.49 3.36 0.00	51.77 2.81 0.00	44.44 2.24 0.00	40.50 2.06 0.00	40.14 2.09 0.00
GOWANUS_GT2_6 24119	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.98 0.00	30.07 1.70 -1.04	28.05 1.46 -1.08	28.06 1.59 -0.07	31.45 1.81 -0.48	37.04 2.12 0.00	54.81 3.04 0.00	48.34 2.99 0.00	50.46 3.24 0.00	53.49 3.36 0.00	51.77 2.81 0.00	44.44 2.24 0.00	40.50 2.06 0.00	40.14 2.09 0.00
GOWANUS_GT2_7 24120	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.98 0.00	30.07 1.70 -1.04	28.05 1.46 -1.08	28.06 1.59 -0.07	31.45 1.81 -0.48	37.04 2.12 0.00	54.81 3.04 0.00	48.34 2.99 0.00	50.46 3.24 0.00	53.49 3.36 0.00	51.77 2.81 0.00	44.44 2.24 0.00	40.50 2.06 0.00	40.14 2.09 0.00
GOWANUS_GT2_8 24121	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.98 0.00	30.07 1.70 -1.04	28.05 1.46 -1.08	28.06 1.59 -0.07	31.45 1.81 -0.48	37.04 2.12 0.00	54.81 3.04 0.00	48.34 2.99 0.00	50.46 3.24 0.00	53.49 3.36 0.00	51.77 2.81 0.00	44.44 2.24 0.00	40.50 2.06 0.00	40.14 2.09 0.00
GOWANUS_GT3_1 24122	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.98 0.00	30.07 1.70 -1.04	28.05 1.46 -1.08	28.06 1.59 -0.07	31.45 1.81 -0.48	37.04 2.12 0.00	54.81 3.04 0.00	48.34 2.99 0.00	50.46 3.24 0.00	53.49 3.36 0.00	51.77 2.81 0.00	44.44 2.24 0.00	40.50 2.06 0.00	40.14 2.09 0.00
GOWANUS_GT3_2 24123	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 																

GOWANUS_GT4_4 24133	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.23 1.36 0.00	36.62 1.55 0.00	37.11 1.70 0.00	47.51 2.54 0.00	44.36 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.97 0.00	30.07 1.70 -1.04	28.05 1.47 -1.07	28.05 1.58 -0.07	31.46 1.81 -0.47	37.04 2.12 0.00	54.81 3.04 0.00	48.35 2.99 0.00	50.46 3.24 0.00	53.48 3.35 0.00	51.79 2.83 0.00	44.42 2.23 0.00	40.50 2.06 0.00	40.14 2.09 0.00
GOWANUS_GT4_5 24134	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.23 1.36 0.00	36.62 1.55 0.00	37.11 1.70 0.00	47.51 2.54 0.00	44.36 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.97 0.00	30.07 1.70 -1.04	28.05 1.47 -1.07	28.05 1.58 -0.07	31.46 1.81 -0.47	37.04 2.12 0.00	54.81 3.04 0.00	48.35 2.99 0.00	50.46 3.24 0.00	53.48 3.35 0.00	51.79 2.83 0.00	44.42 2.23 0.00	40.50 2.06 0.00	40.14 2.09 0.00
GOWANUS_GT4_6 24135	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.23 1.36 0.00	36.62 1.55 0.00	37.11 1.70 0.00	47.51 2.54 0.00	44.36 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.97 0.00	30.07 1.70 -1.04	28.05 1.47 -1.07	28.05 1.58 -0.07	31.46 1.81 -0.47	37.04 2.12 0.00	54.81 3.04 0.00	48.35 2.99 0.00	50.46 3.24 0.00	53.48 3.35 0.00	51.79 2.83 0.00	44.42 2.23 0.00	40.50 2.06 0.00	40.14 2.09 0.00
GOWANUS_GT4_7 24136	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.23 1.36 0.00	36.62 1.55 0.00	37.11 1.70 0.00	47.51 2.54 0.00	44.36 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.97 0.00	30.07 1.70 -1.04	28.05 1.47 -1.07	28.05 1.58 -0.07	31.46 1.81 -0.47	37.04 2.12 0.00	54.81 3.04 0.00	48.35 2.99 0.00	50.46 3.24 0.00	53.48 3.35 0.00	51.79 2.83 0.00	44.42 2.23 0.00	40.50 2.06 0.00	40.14 2.09 0.00
GOWANUS_GT4_8 24137	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.23 1.36 0.00	36.62 1.55 0.00	37.11 1.70 0.00	47.51 2.54 0.00	44.36 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.97 0.00	30.07 1.70 -1.04	28.05 1.47 -1.07	28.05 1.58 -0.07	31.46 1.81 -0.47	37.04 2.12 0.00	54.81 3.04 0.00	48.35 2.99 0.00	50.46 3.24 0.00	53.48 3.35 0.00	51.79 2.83 0.00	44.42 2.23 0.00	40.50 2.06 0.00	40.14 2.09 0.00
GREENBSH_115KV_TB3 55895	39.43 0.45 0.00	30.89 0.39 0.00	29.94 0.37 0.00	34.25 0.38 0.00	35.47 0.40 0.00	35.81 0.41 0.00	45.79 0.82 0.00	42.60 0.94 0.00	36.02 0.52 0.00	36.47 0.16 0.00	33.00 0.15 0.00	27.53 0.20 0.00	25.67 0.15 0.00	26.58 0.18 0.00	29.43 0.26 0.00	35.34 0.43 0.00	52.42 0.65 0.00	46.24 0.89 0.00	48.17 0.96 0.00	51.38 1.25 0.00	50.11 1.15 0.00	43.05 0.85 0.00	39.28 0.84 0.00	38.88 0.83 0.00
GREENDGE_115KV_TB5 80291	38.38 -0.60 0.00	29.97 -0.53 0.00	29.13 -0.45 0.00	33.37 -0.50 0.00	34.66 -0.41 0.00	35.01 -0.39 0.00	44.87 -0.10 0.00	41.55 -0.11 0.00	35.47 -0.03 0.00	36.06 -0.25 0.00	32.73 -0.12 0.00	27.16 -0.16 0.00	25.28 -0.23 0.00	25.96 -0.44 0.00	28.57 -0.60 0.00	34.03 -0.89 0.00	51.24 -0.53 0.00	45.16 -0.19 0.00	47.15 -0.06 0.00	49.91 -0.22 0.00	47.08 -0.83 1.06	38.11 -1.15 2.94	37.39 -1.05 0.00	37.00 -1.05 0.00
GREENIDGE___3 23582	38.38 -0.60 0.00	29.97 -0.53 0.00	29.13 -0.45 0.00	33.37 -0.50 0.00	34.66 -0.41 0.00	35.01 -0.39 0.00	44.87 -0.10 0.00	41.55 -0.11 0.00	35.47 -0.03 0.00	36.06 -0.25 0.00	32.73 -0.12 0.00	27.16 -0.16 0.00	25.28 -0.23 0.00	25.96 -0.44 0.00	28.57 -0.60 0.00	34.03 -0.89 0.00	51.24 -0.53 0.00	45.16 -0.19 0.00	47.15 -0.06 0.00	49.91 -0.22 0.00	47.08 -0.83 1.06	38.11 -1.15 2.94	37.39 -1.05 0.00	37.00 -1.05 0.00
GREENIDGE___4 23583	38.69 -0.60 -0.31	31.59 -0.53 -1.63	30.72 -0.44 -1.59	35.33 -0.49 -1.95	35.72 -0.42 -1.07	35.84 -0.39 -0.83	46.91 -0.10 -2.04	44.17 -0.10 -2.60	36.02 -0.03 -0.54	36.06 -0.25 0.00	32.73 -0.12 0.00	27.16 -0.16 0.00	25.28 -0.24 0.00	25.96 -0.44 0.00	28.57 -0.60 0.00	34.03 -0.89 0.00	51.24 -0.53 0.00	45.17 -0.19 0.00	47.16 -0.06 0.00	49.92 -0.21 0.00	47.08 -0.83 1.06	38.11 -1.15 2.94	37.39 -1.05 0.00	37.00 -1.05 0.00
GREENLWN_69_KV_BK 3 55738	41.20 2.23 0.00	32.27 1.77 0.00	31.51 1.63 -0.31	35.63 1.76 0.00	36.95 1.89 0.00	37.27 1.86 0.00	47.63 2.66 0.00	44.52 2.85 0.00	37.90 2.39 0.00	38.38 2.07 0.00	34.90 2.05 0.00	29.04 1.72 0.00	27.09 1.58 0.00	28.06 1.66 0.00	32.91 1.98 -1.76	70.74 2.32 -33.50	55.20 3.43 0.00	57.68 3.56 -8.77	54.75 3.85 -3.68	54.38 3.92 -0.33	66.97 3.46 -14.55	45.41 2.59 -0.62	45.54 2.40 -4.70	40.44 2.39 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.23 1.36 0.00	36.62 1.55 0.00	37.11 1.70 0.00	47.51 2.54 0.00	44.36 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.97 0.00	30.07 1.70 -1.04	28.05 1.47 -1.07	28.05 1.58 -0.07	31.46 1.81 -0.47	37.04 2.12 0.00	54.81 3.04 0.00	48.35 2.99 0.00	50.46 3.24 0.00	53.48 3.35 0.00	51.79 2.83 0.00	44.42 2.23 0.00	40.50 2.06 0.00	40.14 2.09 0.00
GRISSOM___SOLAR 323813	42.85 3.88 0.00	33.42 2.92 0.00	32.39 2.82 0.00	37.14 3.27 0.00	38.52 3.46 0.00	39.13 3.73 0.00	50.33 5.36 0.00	46.78 5.12 0.00	39.27 3.77 0.00	38.69 2.38 0.00	34.32 1.47 0.00	28.40 1.07 0.00	26.52 1.01 0.00	27.42 1.02 0.00	30.23 1.07 0.00	36.29 1.37 0.00	55.93 4.16 0.00	50.66 5.31 0.00	53.00 5.79 0.00	56.03 5.90 0.00	54.43 5.47 0.00	46.66 4.47 0.00	42.26 3.82 0.00	41.72 3.67 0.00
GROVEVILLE___HYD 323602	40.81 1.83 0.00	31.90 1.40 0.00	30.87 1.29 0.00	35.34 1.47 0.00	36.71 1.64 0.00	37.13 1.73 0.00	47.65 2.68 0.00	44.41 2.75 0.00	37.75 2.25 0.00	38.16 1.85 0.00	34.53 1.67 0.00	28.74 1.41 0.00	26.77 1.25 0.00	27.73 1.33 0.00	30.73 1.56 0.00	36.79 1.87 0.00	54.70 2.93 0.00	48.42 3.07 0.00	50.55 3.34 0.00	53.50 3.37 0.00	51.91 2.95 0.00	44.45 2.25 0.00	40.47 2.03 0.00	40.08 2.03 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.22 -0.76 0.00	29.83 -0.67 0.00	28.95 -0.62 0.00	33.18 -0.69 0.00	34.39 -0.69 0.00	34.78 -0.63 0.00	44.40 -0.57 0.00	41.00 -0.66 0.00	34.92 -0.58 0.00	35.64 -0.68 0.00	32.17 -0.69 0.00	26.72 -0.61 0.00	24.96 -0.56 0.00	25.78 -0.62 0.00	28.44 -0.73 0.00	34.05 -0.87 0.00	50.76 -1.01 0.00	44.68 -0.67 0.00	46.60 -0.62 0.00	49.38 -0.75 0.00	47.95 -1.01 0.00	41.13 -1.07 0.00	37.41 -1.03 0.00	36.99 -1.05 0.00
HAMLTNNY_34_KV_TB 80303	38.25 -0.73 0.00	29.87 -0.63 0.00	28.99 -0.59 0.00	33.20 -0.67 0.00	34.45 -0.62 0.00	34.84 -0.56 0.00	44.47 -0.50 0.00	41.11 -0.56 0.00	35.00 -0.50 0.00	35.75 -0.56 0.00	32.28 -0.58 0.00	26.79 -0.54 0.00	25.00 -0.51 0.00	25.83 -0.57 0.00	28.49 -0.68 0.00	34.11 -0.81 0.00	50.88 -0.89 0.00	44.81 -0.54 0.00	46.74 -0.47 0.00	49.52 -0.61 0.00	48.02 -0.94 0.00	41.19 -1.01 0.00	37.42 -1.02 0.00	37.04 -1.01 0.00

HAMPSHIRE___PAPER_HYD 323593	39.08 0.11 0.00	30.60 0.10 0.00	29.69 0.12 0.00	34.01 0.14 0.00	35.11 0.04 0.00	35.20 -0.20 0.00	44.50 -0.47 0.00	41.17 -0.50 0.00	35.12 -0.38 0.00	35.80 -0.51 0.00	32.14 -0.72 0.00	26.74 -0.59 0.00	25.11 -0.40 0.00	25.95 -0.45 0.00	28.58 -0.59 0.00	34.23 -0.69 0.00	51.24 -0.54 0.00	44.84 -0.51 0.00	46.68 -0.54 0.00	49.65 -0.48 0.00	48.81 -0.16 0.00	42.20 0.00 0.00	38.54 0.10 0.00	38.21 0.16 0.00
HARDSCRABBLE_WT_PWR 323673	39.11 0.13 0.00	30.58 0.08 0.00	29.67 0.10 0.00	33.94 0.07 0.00	35.18 0.11 0.00	35.58 0.18 0.00	45.76 0.79 0.00	42.69 1.03 0.00	35.98 0.48 0.00	36.09 -0.22 0.00	32.48 -0.38 0.00	27.01 -0.32 0.00	25.14 -0.38 0.00	26.02 -0.38 0.00	28.86 -0.31 0.00	34.80 -0.12 0.00	51.78 0.01 0.00	45.91 0.55 0.00	47.89 0.68 0.00	50.69 0.55 0.00	49.46 0.50 0.00	42.34 0.14 0.00	38.60 0.16 0.00	38.41 0.36 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.48 1.50 0.00	31.65 1.15 0.00	30.61 1.04 0.00	35.05 1.18 0.00	36.42 1.35 0.00	36.86 1.45 0.00	47.32 2.35 0.00	44.04 2.37 0.00	37.40 1.89 0.00	37.85 1.54 0.00	34.26 1.40 0.00	28.51 1.18 0.00	26.55 1.03 0.00	27.50 1.10 0.00	30.47 1.31 0.00	36.47 1.55 0.00	54.24 2.47 0.00	48.05 2.69 0.00	50.19 2.98 0.00	53.10 2.97 0.00	51.56 2.60 0.00	44.10 1.91 0.00	40.13 1.69 0.00	39.74 1.69 0.00
HARSNRAD_115KV_TB1 81005	35.64 -3.33 0.00	27.83 -2.67 0.00	27.11 -2.47 0.00	31.27 -2.60 0.00	32.22 -2.85 0.00	32.48 -2.92 0.00	41.30 -3.68 0.00	37.95 -3.71 0.00	32.65 -2.85 0.00	33.71 -2.60 0.00	30.55 -2.31 0.00	25.40 -1.93 0.00	23.94 -1.58 0.00	24.70 -1.70 0.00	26.95 -2.22 0.00	31.84 -3.08 0.00	47.04 -4.73 0.00	41.14 -4.21 0.00	43.09 -4.13 0.00	45.50 -4.63 0.00	43.89 -4.81 0.27	36.72 -4.72 0.75	34.04 -4.40 0.00	33.70 -4.35 0.00
HARZA MOOSE___RIVER 24016	39.52 0.55 0.00	30.88 0.37 0.00	29.92 0.35 0.00	34.26 0.39 0.00	35.51 0.45 0.00	35.74 0.34 0.00	45.62 0.65 0.00	42.38 0.72 0.00	36.07 0.57 0.00	36.50 0.19 0.00	32.77 -0.09 0.00	27.26 -0.07 0.00	25.50 -0.01 0.00	26.34 -0.06 0.00	29.06 -0.11 0.00	34.83 -0.09 0.00	52.35 0.58 0.00	46.06 0.71 0.00	48.03 0.82 0.00	51.02 0.89 0.00	49.86 0.90 0.00	42.93 0.73 0.00	39.12 0.67 0.00	38.73 0.68 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	37.85 -1.13 0.00	29.56 -0.94 0.00	28.68 -0.89 0.00	32.89 -0.98 0.00	34.07 -1.00 0.00	34.43 -0.97 0.00	43.97 -1.00 0.00	40.55 -1.12 0.00	34.57 -0.94 0.00	35.25 -1.06 0.00	31.84 -1.02 0.00	26.46 -0.87 0.00	24.71 -0.80 0.00	25.53 -0.87 0.00	28.17 -1.00 0.00	33.70 -1.21 0.00	50.22 -1.55 0.00	44.17 -1.18 0.00	46.09 -1.12 0.00	48.84 -1.29 0.00	47.45 -1.51 0.00	40.69 -1.50 0.01	37.02 -1.42 0.00	36.61 -1.44 0.00
HELLGATE_13_KV_LD 55870	40.63 1.66 0.00	31.74 1.24 0.00	30.64 1.07 0.00	35.05 1.18 0.00	36.45 1.38 0.00	36.91 1.51 0.00	47.35 2.38 0.00	44.18 2.52 0.00	37.66 2.16 0.00	38.22 1.91 0.00	34.66 1.80 0.00	29.86 1.49 -1.04	27.87 1.29 -1.07	27.89 1.42 -0.07	31.33 1.68 -0.47	36.89 1.97 0.00	54.62 2.85 0.00	48.27 2.92 0.00	50.34 3.13 0.00	53.32 3.18 0.00	51.62 2.66 0.00	44.25 2.06 0.00	40.30 1.86 0.00	39.93 1.88 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.63 1.66 0.00	31.74 1.24 0.00	30.64 1.07 0.00	35.05 1.18 0.00	36.45 1.38 0.00	36.91 1.51 0.00	47.35 2.38 0.00	44.18 2.52 0.00	37.66 2.16 0.00	38.22 1.91 0.00	34.66 1.80 0.00	29.86 1.49 -1.04	27.87 1.29 -1.07	27.89 1.42 -0.07	31.33 1.68 -0.47	36.89 1.97 0.00	54.62 2.85 0.00	48.27 2.92 0.00	50.34 3.13 0.00	53.32 3.18 0.00	51.62 2.66 0.00	44.25 2.06 0.00	40.30 1.86 0.00	39.93 1.88 0.00
HEMPSTEAD____ 23647	41.20 2.22 0.00	32.24 1.74 0.00	31.48 1.60 -0.31	35.64 1.77 0.00	37.00 1.94 0.00	37.38 1.98 0.00	47.74 2.77 0.00	44.61 2.94 0.00	37.95 2.45 0.00	38.45 2.14 0.00	34.97 2.12 0.00	29.12 1.79 0.00	27.15 1.64 0.00	28.12 1.72 0.00	32.96 2.03 -1.76	70.81 2.39 -33.50	55.20 3.43 0.00	57.61 3.48 -8.77	54.66 3.77 -3.68	54.27 3.81 -0.33	66.90 3.39 -14.55	45.44 2.63 -0.62	45.56 2.42 -4.70	40.45 2.40 0.00
HEWLETT__69_KV_BK3 55828	41.38 2.41 0.00	32.42 1.92 0.00	31.64 1.76 -0.31	35.82 1.95 0.00	37.18 2.12 0.00	37.54 2.14 0.00	47.85 2.88 0.00	44.62 2.96 0.00	37.96 2.45 0.00	38.67 2.36 0.00	35.15 2.29 0.00	29.29 1.96 0.00	27.31 1.80 0.00	28.28 1.88 0.00	33.14 2.21 -1.76	70.99 2.57 -33.50	55.23 3.46 0.00	57.67 3.55 -8.77	54.78 3.89 -3.68	54.42 3.95 -0.33	67.09 3.57 -14.55	45.55 2.73 -0.62	45.79 2.65 -4.70	40.66 2.60 0.00
HICKLING___1 23621	38.52 -0.46 0.00	29.93 -0.57 0.00	29.14 -0.44 0.00	33.56 -0.31 0.00	34.82 -0.24 0.00	35.09 -0.31 0.00	45.04 0.06 0.00	41.70 0.03 0.00	35.48 -0.03 0.00	36.08 -0.23 0.00	32.72 -0.14 0.00	27.14 -0.19 0.00	25.35 -0.17 0.00	26.10 -0.30 0.00	28.77 -0.40 0.00	34.24 -0.67 0.00	51.72 -0.06 0.00	45.31 -0.04 0.00	47.26 0.05 0.00	50.10 -0.03 0.00	46.94 -0.95 1.07	38.05 -1.16 2.98	37.50 -0.95 0.00	37.16 -0.89 0.00
HICKLING___2 23622	38.52 -0.46 0.00	29.93 -0.57 0.00	29.14 -0.44 0.00	33.56 -0.31 0.00	34.82 -0.24 0.00	35.09 -0.31 0.00	45.04 0.06 0.00	41.70 0.03 0.00	35.48 -0.03 0.00	36.08 -0.23 0.00	32.72 -0.14 0.00	27.14 -0.19 0.00	25.35 -0.17 0.00	26.10 -0.30 0.00	28.77 -0.40 0.00	34.24 -0.67 0.00	51.72 -0.06 0.00	45.31 -0.04 0.00	47.26 0.05 0.00	50.10 -0.03 0.00	46.94 -0.95 1.07	38.05 -1.16 2.98	37.50 -0.95 0.00	37.16 -0.89 0.00
HIGH FALLS___HY 23754	40.77 1.79 0.00	31.84 1.34 0.00	30.81 1.24 0.00	35.28 1.41 0.00	36.69 1.63 0.00	37.17 1.78 0.00	47.78 2.80 0.00	44.54 2.87 0.00	37.89 2.39 0.00	38.20 1.89 0.00	34.46 1.60 0.00	28.56 1.23 0.00	26.41 0.90 0.00	27.34 0.94 0.00	30.36 1.19 0.00	36.33 1.41 0.00	54.20 2.43 0.00	48.19 2.83 0.00	50.37 3.15 0.00	53.28 3.14 0.00	51.96 3.00 0.00	44.44 2.25 0.00	40.41 1.96 0.00	40.02 1.97 0.00
HILLBURN___GT 23639	40.38 1.40 0.00	31.58 1.08 0.00	30.53 0.96 0.00	34.96 1.09 0.00	36.33 1.26 0.00	36.77 1.37 0.00	47.22 2.25 0.00	43.93 2.27 0.00	37.32 1.82 0.00	37.79 1.48 0.00	34.23 1.38 0.00	28.49 1.16 0.00	26.54 1.03 0.00	27.48 1.09 0.00	30.46 1.29 0.00	36.41 1.49 0.00	54.07 2.29 0.00	47.90 2.55 0.00	50.05 2.83 0.00	52.95 2.81 0.00	51.42 2.46 0.00	43.96 1.77 0.00	40.01 1.57 0.00	39.64 1.59 0.00
HILLSIDE_115KV_TB1 80332	37.96 -1.02 0.00	29.47 -1.03 0.00	28.70 -0.88 0.00	33.04 -0.83 0.00	34.29 -0.78 0.00	34.54 -0.87 0.00	44.27 -0.70 0.00	40.99 -0.67 0.00	34.85 -0.65 0.00	35.46 -0.85 0.00	32.17 -0.69 0.00	26.67 -0.66 0.00	24.92 -0.60 0.00	25.67 -0.73 0.00	28.33 -0.83 0.00	33.72 -1.20 0.00	50.89 -0.88 0.00	44.53 -0.82 0.00	46.48 -0.73 0.00	49.26 -0.87 0.00	46.23 -1.72 1.01	37.67 -1.72 2.81	37.00 -1.44 0.00	36.69 -1.36 0.00

HISHELDN_WT_PWR 323625	35.24 -3.01 0.73	24.29 -2.46 3.76	23.63 -2.26 3.68	26.95 -2.42 4.51	30.02 -2.58 2.47	30.89 -2.59 1.92	37.03 -3.16 4.78	32.14 -3.12 6.40	31.95 -2.46 1.09	34.06 -2.25 0.00	30.79 -2.07 0.00	25.59 -1.74 0.00	24.12 -1.40 0.00	24.94 -1.46 0.00	27.29 -1.88 0.00	32.30 -2.62 0.00	47.74 -4.03 0.00	41.66 -3.69 0.00	43.55 -3.66 0.00	46.01 -4.13 0.00	44.19 -4.48 0.30	36.88 -4.48 0.84	34.32 -4.12 0.00	33.93 -4.12 0.00
HOLTSVILLE_IC_1 23690	41.75 2.77 0.00	32.59 2.09 0.00	31.93 2.05 -0.31	36.14 2.27 0.00	37.50 2.43 0.00	37.88 2.48 0.00	48.47 3.50 0.00	45.26 3.59 0.00	38.64 3.14 0.00	38.97 2.66 0.00	35.35 2.49 0.00	29.30 1.97 0.00	27.31 1.79 0.00	28.29 1.89 0.00	33.23 2.30 -1.76	71.22 2.81 -33.50	56.24 4.47 0.00	58.71 4.58 -8.77	55.56 4.66 -3.68	55.20 4.74 -0.33	67.76 4.25 -14.55	45.97 3.15 -0.62	45.95 2.81 -4.70	40.81 2.76 0.00
HOLTSVILLE_IC_10 23699	41.93 2.95 0.00	32.72 2.22 0.00	32.07 2.19 -0.31	36.29 2.42 0.00	37.66 2.59 0.00	38.04 2.64 0.00	48.70 3.73 0.00	45.48 3.82 0.00	38.84 3.34 0.00	39.16 2.85 0.00	35.51 2.65 0.00	29.42 2.10 0.00	27.41 1.90 0.00	28.41 2.01 0.00	33.37 2.43 -1.76	71.40 2.98 -33.50	56.55 4.78 0.00	58.98 4.86 -8.77	55.89 5.00 -3.68	55.55 5.09 -0.33	68.09 4.58 -14.55	46.20 3.39 -0.62	46.17 3.03 -4.70	41.01 2.96 0.00
HOLTSVILLE_IC_2 23691	41.75 2.77 0.00	32.59 2.09 0.00	31.93 2.05 -0.31	36.14 2.27 0.00	37.50 2.43 0.00	37.88 2.48 0.00	48.47 3.50 0.00	45.26 3.59 0.00	38.64 3.14 0.00	38.97 2.66 0.00	35.35 2.49 0.00	29.30 1.97 0.00	27.31 1.79 0.00	28.29 1.89 0.00	33.23 2.30 -1.76	71.22 2.81 -33.50	56.24 4.47 0.00	58.71 4.58 -8.77	55.56 4.66 -3.68	55.20 4.74 -0.33	67.76 4.25 -14.55	45.97 3.15 -0.62	45.95 2.81 -4.70	40.81 2.76 0.00
HOLTSVILLE_IC_3 23692	41.75 2.77 0.00	32.59 2.09 0.00	31.93 2.05 -0.31	36.14 2.27 0.00	37.50 2.43 0.00	37.88 2.48 0.00	48.47 3.50 0.00	45.26 3.59 0.00	38.64 3.14 0.00	38.97 2.66 0.00	35.35 2.49 0.00	29.30 1.97 0.00	27.31 1.79 0.00	28.29 1.89 0.00	33.23 2.30 -1.76	71.22 2.81 -33.50	56.24 4.47 0.00	58.71 4.58 -8.77	55.56 4.66 -3.68	55.20 4.74 -0.33	67.76 4.25 -14.55	45.97 3.15 -0.62	45.95 2.81 -4.70	40.81 2.76 0.00
HOLTSVILLE_IC_4 23693	41.75 2.77 0.00	32.59 2.09 0.00	31.93 2.05 -0.31	36.14 2.27 0.00	37.50 2.43 0.00	37.88 2.48 0.00	48.47 3.50 0.00	45.26 3.59 0.00	38.64 3.14 0.00	38.97 2.66 0.00	35.35 2.49 0.00	29.30 1.97 0.00	27.31 1.79 0.00	28.29 1.89 0.00	33.23 2.30 -1.76	71.22 2.81 -33.50	56.24 4.47 0.00	58.71 4.58 -8.77	55.56 4.66 -3.68	55.20 4.74 -0.33	67.76 4.25 -14.55	45.97 3.15 -0.62	45.95 2.81 -4.70	40.81 2.76 0.00
HOLTSVILLE_IC_5 23694	41.75 2.77 0.00	32.59 2.09 0.00	31.93 2.05 -0.31	36.14 2.27 0.00	37.50 2.43 0.00	37.88 2.48 0.00	48.47 3.50 0.00	45.26 3.59 0.00	38.64 3.14 0.00	38.97 2.66 0.00	35.35 2.49 0.00	29.30 1.97 0.00	27.31 1.79 0.00	28.29 1.89 0.00	33.23 2.30 -1.76	71.22 2.81 -33.50	56.24 4.47 0.00	58.71 4.58 -8.77	55.56 4.66 -3.68	55.20 4.74 -0.33	67.76 4.25 -14.55	45.97 3.15 -0.62	45.95 2.81 -4.70	40.81 2.76 0.00
HOLTSVILLE_IC_6 23695	41.93 2.95 0.00	32.72 2.22 0.00	32.07 2.19 -0.31	36.29 2.42 0.00	37.66 2.59 0.00	38.04 2.64 0.00	48.70 3.73 0.00	45.48 3.82 0.00	38.84 3.34 0.00	39.16 2.85 0.00	35.51 2.65 0.00	29.42 2.10 0.00	27.41 1.90 0.00	28.41 2.01 0.00	33.37 2.43 -1.76	71.40 2.98 -33.50	56.55 4.78 0.00	58.98 4.86 -8.77	55.89 5.00 -3.68	55.55 5.09 -0.33	68.09 4.58 -14.55	46.20 3.39 -0.62	46.17 3.03 -4.70	41.01 2.96 0.00
HOLTSVILLE_IC_7 23696	41.93 2.95 0.00	32.72 2.22 0.00	32.07 2.19 -0.31	36.29 2.42 0.00	37.66 2.59 0.00	38.04 2.64 0.00	48.70 3.73 0.00	45.48 3.82 0.00	38.84 3.34 0.00	39.16 2.85 0.00	35.51 2.65 0.00	29.42 2.10 0.00	27.41 1.90 0.00	28.41 2.01 0.00	33.37 2.43 -1.76	71.40 2.98 -33.50	56.55 4.78 0.00	58.98 4.86 -8.77	55.89 5.00 -3.68	55.55 5.09 -0.33	68.09 4.58 -14.55	46.20 3.39 -0.62	46.17 3.03 -4.70	41.01 2.96 0.00
HOLTSVILLE_IC_8 23697	41.93 2.95 0.00	32.72 2.22 0.00	32.07 2.19 -0.31	36.29 2.42 0.00	37.66 2.59 0.00	38.04 2.64 0.00	48.70 3.73 0.00	45.48 3.82 0.00	38.84 3.34 0.00	39.16 2.85 0.00	35.51 2.65 0.00	29.42 2.10 0.00	27.41 1.90 0.00	28.41 2.01 0.00	33.37 2.43 -1.76	71.40 2.98 -33.50	56.55 4.78 0.00	58.98 4.86 -8.77	55.89 5.00 -3.68	55.55 5.09 -0.33	68.09 4.58 -14.55	46.20 3.39 -0.62	46.17 3.03 -4.70	41.01 2.96 0.00
HOLTSVILLE_IC_9 23698	41.93 2.95 0.00	32.72 2.22 0.00	32.07 2.19 -0.31	36.29 2.42 0.00	37.66 2.59 0.00	38.04 2.64 0.00	48.70 3.73 0.00	45.48 3.82 0.00	38.84 3.34 0.00	39.16 2.85 0.00	35.51 2.65 0.00	29.42 2.10 0.00	27.41 1.90 0.00	28.41 2.01 0.00	33.37 2.43 -1.76	71.40 2.98 -33.50	56.55 4.78 0.00	58.98 4.86 -8.77	55.89 5.00 -3.68	55.55 5.09 -0.33	68.09 4.58 -14.55	46.20 3.39 -0.62	46.17 3.03 -4.70	41.01 2.96 0.00
HOMER_HL_115KV_TB2 355744	37.37 -1.60 0.00	29.15 -1.35 0.00	28.42 -1.16 0.00	32.81 -1.06 0.00	33.91 -1.16 0.00	34.10 -1.31 0.00	43.50 -1.47 0.00	40.05 -1.61 0.00	34.18 -1.33 0.00	34.95 -1.36 0.00	31.97 -0.88 0.00	26.77 -0.56 0.00	25.32 -0.19 0.00	26.19 -0.21 0.00	28.71 -0.45 0.00	33.95 -0.96 0.00	50.17 -1.61 0.00	43.39 -1.96 0.00	45.37 -1.85 0.00	47.98 -2.15 0.00	45.88 -2.64 0.45	37.98 -2.96 1.26	35.87 -2.57 0.00	35.87 -2.19 0.00
HOWARD_WT_PWR 323690	39.10 -0.12 -0.24	31.54 -0.21 -1.26	30.65 -0.15 -1.23	35.42 0.04 -1.51	36.04 0.15 -0.82	36.07 0.03 -0.64	46.79 0.25 -1.57	43.94 0.30 -1.98	36.20 0.26 -0.44	36.29 -0.03 0.00	32.82 -0.04 0.00	27.26 -0.07 0.00	25.55 0.04 0.00	26.29 -0.11 0.00	28.92 -0.25 0.00	34.34 -0.58 0.00	51.96 0.19 0.00	45.75 0.39 0.00	47.54 0.33 0.00	50.39 0.26 0.00	47.10 -0.83 1.03	38.03 -1.31 2.86	37.54 -0.90 0.00	37.29 -0.76 0.00
HQ_GEN_CEDARS 23644	39.76 0.78 0.00	31.33 0.82 0.00	30.38 0.81 0.00	34.81 0.94 0.00	35.78 0.71 0.00	36.01 0.61 0.00	45.23 0.26 0.00	41.67 0.01 0.00	35.65 0.15 0.00	36.83 0.52 0.00	33.32 0.47 0.00	27.69 0.36 0.00	25.90 0.39 0.00	26.81 0.42 0.00	29.57 0.40 0.00	35.37 0.45 0.00	52.24 0.47 0.00	45.30 -0.06 0.00	47.03 -0.18 0.00	50.07 -0.06 0.00	49.38 0.41 0.00	42.79 0.59 0.00	39.01 0.57 0.00	38.63 0.58 0.00
HQ_GEN_CEDARS_PROXY 323590	39.76 0.78 0.00	31.32 0.82 0.00	30.38 0.81 0.00	34.80 0.93 0.00	35.78 0.71 0.00	40.23 0.61 -4.22	47.17 0.26 -1.95	41.68 0.01 0.00	35.65 0.15 0.00	36.83 0.52 0.00	33.32 0.46 0.00	27.69 0.36 0.00	25.90 0.39 0.00	26.81 0.42 0.00	29.57 0.40 0.00	35.37 0.45 0.00	52.24 0.47 0.00	45.30 -0.06 0.00	47.03 -0.18 0.00	50.07 -0.06 0.00	49.38 0.41 0.00	42.79 0.59 0.00	39.00 0.56 0.00	38.63 0.58 0.00

HQ_GEN_IMPORT 323601	39.40 0.43 0.00	30.87 0.37 0.00	29.91 0.34 0.00	34.28 0.41 0.00	35.45 0.39 0.00	35.74 0.34 0.00	45.01 0.04 0.00	41.52 -0.15 0.00	34.57 -0.01 0.92	36.63 0.32 0.00	33.18 0.32 0.00	27.57 0.24 0.00	25.77 0.25 0.00	26.67 0.27 0.00	29.45 0.28 0.00	35.22 0.30 0.00	52.01 0.24 0.00	45.20 -0.15 0.00	46.97 -0.25 0.00	48.41 -0.17 1.56	49.09 0.13 0.00	42.54 0.35 0.00	38.76 0.32 0.00	38.35 0.30 0.00
HQ_GEN_WHEEL 23651	39.40 0.43 0.00	30.87 0.37 0.00	29.91 0.34 0.00	34.28 0.41 0.00	35.45 0.39 0.00	35.74 0.34 0.00	45.01 0.04 0.00	41.52 -0.15 0.00	34.57 -0.01 0.92	36.63 0.32 0.00	33.18 0.32 0.00	27.57 0.24 0.00	25.77 0.25 0.00	26.67 0.27 0.00	29.45 0.28 0.00	35.22 0.30 0.00	52.01 0.24 0.00	45.20 -0.15 0.00	46.97 -0.25 0.00	48.41 -0.17 1.56	49.09 0.13 0.00	42.54 0.35 0.00	38.76 0.32 0.00	38.35 0.30 0.00
HUDSON AVE_GT_3 23810	40.70 1.73 0.00	31.80 1.30 0.00	30.70 1.13 0.00	35.12 1.25 0.00	36.51 1.44 0.00	36.97 1.56 0.00	47.42 2.45 0.00	44.27 2.61 0.00	37.72 2.22 0.00	38.29 1.98 0.00	34.73 1.87 0.00	30.00 1.64 -1.03	28.05 1.48 -1.06	28.01 1.55 -0.07	31.42 1.78 -0.47	36.97 2.05 0.00	54.78 3.01 0.00	48.39 3.04 0.00	50.49 3.28 0.00	53.46 3.33 0.00	51.72 2.76 0.00	44.35 2.15 0.00	40.39 1.95 0.00	40.03 1.98 0.00
HUDSON AVE_GT_4 23540	40.70 1.73 0.00	31.80 1.30 0.00	30.70 1.13 0.00	35.12 1.25 0.00	36.51 1.44 0.00	36.97 1.56 0.00	47.42 2.45 0.00	44.27 2.61 0.00	37.72 2.22 0.00	38.29 1.98 0.00	34.73 1.87 0.00	30.00 1.64 -1.03	28.05 1.48 -1.06	28.01 1.55 -0.07	31.42 1.78 -0.47	36.97 2.05 0.00	54.78 3.01 0.00	48.39 3.04 0.00	50.49 3.28 0.00	53.46 3.33 0.00	51.72 2.76 0.00	44.35 2.15 0.00	40.39 1.95 0.00	40.03 1.98 0.00
HUDSON AVE_GT_5 23657	40.70 1.73 0.00	31.80 1.30 0.00	30.70 1.13 0.00	35.12 1.25 0.00	36.51 1.44 0.00	36.97 1.56 0.00	47.42 2.45 0.00	44.27 2.61 0.00	37.72 2.22 0.00	38.29 1.98 0.00	34.73 1.87 0.00	30.00 1.64 -1.03	28.05 1.48 -1.06	28.01 1.55 -0.07	31.42 1.78 -0.47	36.97 2.05 0.00	54.78 3.01 0.00	48.39 3.04 0.00	50.49 3.28 0.00	53.46 3.33 0.00	51.72 2.76 0.00	44.35 2.15 0.00	40.39 1.95 0.00	40.03 1.98 0.00
HUDSON_AVE_10 24168	40.64 1.67 0.00	31.74 1.24 0.00	30.63 1.06 0.00	35.03 1.17 0.00	36.44 1.37 0.00	36.90 1.50 0.00	47.33 2.36 0.00	44.16 2.50 0.00	37.65 2.15 0.00	38.21 1.89 0.00	34.66 1.81 0.00	29.94 1.58 -1.03	28.01 1.43 -1.06	27.96 1.49 -0.07	31.36 1.72 -0.47	36.90 1.98 0.00	54.67 2.90 0.00	48.31 2.95 0.00	50.40 3.19 0.00	53.37 3.24 0.00	51.62 2.66 0.00	44.27 2.07 0.00	40.31 1.87 0.00	39.95 1.90 0.00
HUDSON___115KV_TB 4 355613	40.34 1.37 0.00	31.60 1.10 0.00	30.65 1.08 0.00	35.07 1.20 0.00	36.29 1.22 0.00	36.70 1.30 0.00	47.03 2.06 0.00	43.83 2.17 0.00	36.96 1.46 0.00	37.16 0.85 0.00	33.50 0.65 0.00	27.90 0.57 0.00	26.01 0.49 0.00	26.92 0.52 0.00	29.82 0.66 0.00	35.97 1.05 0.00	53.76 1.98 0.00	47.67 2.32 0.00	49.75 2.53 0.00	52.98 2.85 0.00	51.61 2.65 0.00	44.28 2.08 0.00	40.35 1.91 0.00	39.87 1.82 0.00
HUNTER MOUNT___DRP 323613	40.67 1.69 0.00	31.86 1.36 0.00	30.91 1.34 0.00	35.37 1.50 0.00	36.59 1.52 0.00	37.00 1.60 0.00	47.42 2.45 0.00	44.26 2.60 0.00	37.25 1.75 0.00	37.36 1.05 0.00	33.63 0.77 0.00	27.99 0.66 0.00	26.11 0.60 0.00	27.03 0.63 0.00	29.94 0.77 0.00	36.18 1.26 0.00	54.22 2.44 0.00	48.14 2.79 0.00	50.24 3.03 0.00	53.55 3.42 0.00	52.12 3.16 0.00	44.73 2.53 0.00	40.73 2.29 0.00	40.22 2.17 0.00
HUNTINGTON_RES_REC 323705	41.47 2.49 0.00	32.43 1.93 0.00	31.70 1.81 -0.31	35.85 1.98 0.00	37.18 2.12 0.00	37.54 2.14 0.00	48.01 3.04 0.00	44.87 3.20 0.00	38.23 2.72 0.00	38.63 2.32 0.00	35.09 2.23 0.00	29.15 1.82 0.00	27.17 1.66 0.00	28.15 1.75 0.00	33.05 2.11 -1.76	70.95 2.54 -33.50	55.69 3.92 0.00	58.15 4.03 -8.77	55.19 4.30 -3.68	54.84 4.38 -0.33	67.41 3.90 -14.55	45.72 2.90 -0.62	45.79 2.65 -4.70	40.66 2.61 0.00
HUNTLEY___63 23557	35.90 -3.07 0.00	28.07 -2.43 0.00	27.34 -2.23 0.00	31.51 -2.36 0.00	32.49 -2.58 0.00	32.78 -2.62 0.00	41.74 -3.23 0.00	38.42 -3.24 0.00	32.98 -2.52 0.00	34.03 -2.28 0.00	30.79 -2.07 0.00	25.59 -1.75 0.00	24.10 -1.42 0.00	24.90 -1.50 0.00	27.20 -1.97 0.00	32.13 -2.79 0.00	47.46 -4.31 0.00	41.50 -3.86 0.00	43.46 -3.76 0.00	45.86 -4.27 0.00	44.21 -4.46 0.28	36.98 -4.42 0.80	34.32 -4.12 0.00	33.93 -4.12 0.00
HUNTLEY___64 23558	35.90 -3.07 0.00	28.07 -2.43 0.00	27.34 -2.23 0.00	31.51 -2.36 0.00	32.49 -2.58 0.00	32.78 -2.62 0.00	41.74 -3.23 0.00	38.42 -3.24 0.00	32.98 -2.52 0.00	34.03 -2.28 0.00	30.79 -2.07 0.00	25.59 -1.75 0.00	24.10 -1.42 0.00	24.90 -1.50 0.00	27.20 -1.97 0.00	32.13 -2.79 0.00	47.46 -4.31 0.00	41.50 -3.86 0.00	43.46 -3.76 0.00	45.86 -4.27 0.00	44.21 -4.46 0.28	36.98 -4.42 0.80	34.32 -4.12 0.00	33.93 -4.12 0.00
HUNTLEY___65 23559	35.90 -3.07 0.00	28.07 -2.43 0.00	27.34 -2.23 0.00	31.51 -2.36 0.00	32.49 -2.58 0.00	32.78 -2.62 0.00	41.74 -3.23 0.00	38.42 -3.24 0.00	32.98 -2.52 0.00	34.03 -2.28 0.00	30.79 -2.07 0.00	25.59 -1.75 0.00	24.10 -1.42 0.00	24.90 -1.50 0.00	27.20 -1.97 0.00	32.13 -2.79 0.00	47.46 -4.31 0.00	41.50 -3.86 0.00	43.46 -3.76 0.00	45.86 -4.27 0.00	44.21 -4.46 0.28	36.98 -4.42 0.80	34.32 -4.12 0.00	33.93 -4.12 0.00
HUNTLEY___66 23560	35.90 -3.07 0.00	28.07 -2.43 0.00	27.34 -2.23 0.00	31.51 -2.36 0.00	32.49 -2.58 0.00	32.78 -2.62 0.00	41.74 -3.23 0.00	38.42 -3.24 0.00	32.98 -2.52 0.00	34.03 -2.28 0.00	30.79 -2.07 0.00	25.59 -1.75 0.00	24.10 -1.42 0.00	24.90 -1.50 0.00	27.20 -1.97 0.00	32.13 -2.79 0.00	47.46 -4.31 0.00	41.50 -3.86 0.00	43.46 -3.76 0.00	45.86 -4.27 0.00	44.21 -4.46 0.28	36.98 -4.42 0.80	34.32 -4.12 0.00	33.93 -4.12 0.00
HUNTLEY___67 23561	35.76 -3.21 0.00	27.88 -2.62 0.00	27.16 -2.41 0.00	31.28 -2.59 0.00	32.30 -2.77 0.00	32.57 -2.83 0.00	41.46 -3.51 0.00	38.18 -3.49 0.00	32.84 -2.66 0.00	33.90 -2.42 0.00	30.66 -2.19 0.00	25.49 -1.84 0.00	24.02 -1.50 0.00	24.81 -1.59 0.00	27.13 -2.04 0.00	32.09 -2.83 0.00	47.39 -4.38 0.00	41.34 -4.01 0.00	43.28 -3.94 0.00	45.73 -4.41 0.00	44.05 -4.62 0.29	36.83 -4.55 0.81	34.20 -4.24 0.00	33.86 -4.19 0.00
HUNTLEY___68 23562	35.76 -3.21 0.00	27.88 -2.62 0.00	27.16 -2.41 0.00	31.28 -2.59 0.00	32.30 -2.77 0.00	32.57 -2.83 0.00	41.46 -3.51 0.00	38.18 -3.49 0.00	32.84 -2.66 0.00	33.90 -2.42 0.00	30.66 -2.19 0.00	25.49 -1.84 0.00	24.02 -1.50 0.00	24.81 -1.59 0.00	27.13 -2.04 0.00	32.09 -2.83 0.00	47.39 -4.38 0.00	41.34 -4.01 0.00	43.28 -3.94 0.00	45.73 -4.41 0.00	44.05 -4.62 0.29	36.83 -4.55 0.81	34.20 -4.24 0.00	33.86 -4.19 0.00

JAMAICA__27_KV_LOAD 355505	41.02 2.04 0.00	31.99 1.49 0.00	30.82 1.25 0.00	35.25 1.38 0.00	36.72 1.65 0.00	37.21 1.80 0.00	47.80 2.83 0.00	44.51 2.85 0.00	37.94 2.44 0.00	38.47 2.16 0.00	34.95 2.09 0.00	30.19 1.83 -1.03	28.25 1.68 -1.06	28.18 1.71 -0.07	31.63 1.99 -0.47	37.20 2.28 0.00	55.11 3.34 0.00	48.78 3.42 0.00	50.90 3.68 0.00	53.90 3.77 0.00	52.10 3.13 0.00	44.67 2.48 0.00	40.64 2.20 0.00	40.27 2.22 0.00
JANIS__SOLAR 323808	40.58 1.41 -0.20	32.48 0.96 -1.01	31.53 0.96 -0.99	36.22 1.13 -1.22	37.02 1.29 -0.67	37.40 1.48 -0.52	48.70 2.46 -1.27	45.53 2.26 -1.61	37.52 1.75 -0.27	37.56 1.24 0.00	33.63 0.77 0.00	27.75 0.42 0.00	25.86 0.34 0.00	26.65 0.25 0.00	29.44 0.27 0.00	35.45 0.53 0.00	53.74 1.97 0.00	47.59 2.24 0.00	49.68 2.46 0.00	52.59 2.45 0.00	51.57 1.83 -0.78	45.63 1.27 -2.17	39.51 1.07 0.00	39.11 1.06 0.00
JARVIS____ 23743	38.97 -0.01 0.00	30.47 -0.03 0.00	29.55 -0.03 0.00	33.84 -0.03 0.00	35.04 -0.03 0.00	35.40 0.00 0.00	45.11 0.14 0.00	41.95 0.29 0.00	35.70 0.20 0.00	36.36 0.05 0.00	32.89 0.03 0.00	27.36 0.04 0.00	25.54 0.03 0.00	26.43 0.03 0.00	29.23 0.06 0.00	35.01 0.09 0.00	51.97 0.20 0.00	45.65 0.30 0.00	47.55 0.33 0.00	50.47 0.33 0.00	49.21 0.25 0.00	42.35 0.15 0.00	38.59 0.15 0.00	38.20 0.15 0.00
JENNISON____1 23625	40.57 1.59 0.00	31.62 1.11 0.00	30.63 1.06 0.00	35.00 1.13 0.00	36.43 1.36 0.00	37.00 1.60 0.00	47.63 2.66 0.00	44.16 2.49 0.00	37.46 1.96 0.00	37.94 1.63 0.00	34.26 1.40 0.00	28.40 1.07 0.00	26.50 0.99 0.00	27.33 0.93 0.00	30.16 1.00 0.00	36.14 1.22 0.00	54.34 2.57 0.00	47.75 2.40 0.00	49.58 2.36 0.00	52.55 2.42 0.00	50.75 1.58 -0.21	43.90 1.12 -0.58	39.42 0.98 0.00	39.17 1.12 0.00
JENNISON____2 23626	40.57 1.59 0.00	31.62 1.11 0.00	30.63 1.06 0.00	35.00 1.13 0.00	36.43 1.36 0.00	37.00 1.60 0.00	47.63 2.66 0.00	44.16 2.49 0.00	37.46 1.96 0.00	37.94 1.63 0.00	34.26 1.40 0.00	28.40 1.07 0.00	26.50 0.99 0.00	27.33 0.93 0.00	30.16 1.00 0.00	36.14 1.22 0.00	54.34 2.57 0.00	47.75 2.40 0.00	49.58 2.36 0.00	52.55 2.42 0.00	50.75 1.58 -0.21	43.90 1.12 -0.58	39.42 0.98 0.00	39.17 1.12 0.00
JERICOHO_RISE_WT_PWR 323719	40.92 1.95 0.00	31.98 1.48 0.00	31.03 1.46 0.00	35.53 1.66 0.00	36.74 1.67 0.00	36.91 1.51 0.00	46.47 1.50 0.00	42.72 1.06 0.00	36.44 0.94 0.00	37.69 1.37 0.00	33.97 1.11 0.00	28.18 0.86 0.00	26.27 0.76 0.00	27.23 0.83 0.00	30.11 0.94 0.00	36.05 1.13 0.00	53.54 1.77 0.00	46.34 0.99 0.00	48.23 1.02 0.00	51.27 1.14 0.00	50.39 1.43 0.00	43.40 1.20 0.00	39.51 1.07 0.00	39.07 1.02 0.00
KATONAH__115KV_46KV_TB4 355592	40.68 1.71 0.00	31.80 1.31 0.00	30.77 1.19 0.00	35.21 1.35 0.00	36.59 1.52 0.00	37.02 1.62 0.00	47.49 2.52 0.00	44.25 2.59 0.00	37.62 2.12 0.00	38.07 1.75 0.00	34.46 1.61 0.00	28.71 1.39 0.00	26.75 1.23 0.00	27.70 1.30 0.00	30.68 1.51 0.00	36.71 1.79 0.00	54.54 2.77 0.00	48.27 2.92 0.00	50.37 3.16 0.00	53.32 3.19 0.00	51.72 2.76 0.00	44.30 2.10 0.00	40.35 1.92 0.00	39.97 1.92 0.00
KCE_NY_1 323755	40.67 1.69 0.00	31.81 1.31 0.00	30.81 1.24 0.00	35.20 1.33 0.00	36.47 1.40 0.00	36.75 1.34 0.00	47.10 2.13 0.00	43.68 2.02 0.00	36.93 1.43 0.00	37.36 1.04 0.00	33.67 0.81 0.00	28.02 0.69 0.00	26.11 0.60 0.00	27.05 0.65 0.00	30.01 0.84 0.00	36.18 1.26 0.00	53.96 2.19 0.00	47.58 2.22 0.00	49.56 2.34 0.00	52.51 2.37 0.00	51.05 2.09 0.00	43.77 1.57 0.00	39.96 1.52 0.00	39.52 1.47 0.00
KCE_NY_6_ESR 323823	35.53 -2.68 0.77	24.33 -2.21 3.96	23.71 -1.99 3.88	27.00 -2.13 4.75	30.20 -2.28 2.60	31.06 -2.32 2.02	37.17 -2.77 5.03	32.19 -2.75 6.72	32.24 -2.11 1.15	34.43 -1.88 0.00	31.14 -1.72 0.00	25.90 -1.43 0.00	24.40 -1.11 0.00	25.23 -1.18 0.00	27.59 -1.57 0.00	32.64 -2.28 0.00	48.25 -3.52 0.00	42.10 -3.26 0.00	44.05 -3.16 0.00	46.57 -3.56 0.00	44.73 -3.91 0.31	37.35 -3.97 0.88	34.77 -3.67 0.00	34.39 -3.66 0.00
KEDC_PORT_JEFF_GT2 24210	41.87 2.89 0.00	32.68 2.18 0.00	32.03 2.14 -0.31	36.23 2.36 0.00	37.60 2.53 0.00	37.99 2.59 0.00	48.61 3.64 0.00	45.40 3.73 0.00	38.76 3.26 0.00	39.09 2.78 0.00	35.46 2.60 0.00	29.39 2.06 0.00	27.39 1.87 0.00	28.38 1.98 0.00	33.33 2.40 -1.76	71.35 2.94 -33.50	56.43 4.66 0.00	58.75 4.63 -8.77	55.67 4.77 -3.68	55.30 4.84 -0.33	67.85 4.34 -14.55	46.02 3.21 -0.62	46.12 2.98 -4.70	40.96 2.91 0.00
KEDC_PORT_JEFF_GT3 24211	41.87 2.89 0.00	32.68 2.18 0.00	32.03 2.14 -0.31	36.23 2.36 0.00	37.60 2.53 0.00	37.99 2.59 0.00	48.61 3.64 0.00	45.40 3.73 0.00	38.76 3.26 0.00	39.09 2.78 0.00	35.46 2.60 0.00	29.39 2.06 0.00	27.39 1.87 0.00	28.38 1.98 0.00	33.33 2.40 -1.76	71.35 2.94 -33.50	56.43 4.66 0.00	58.75 4.63 -8.77	55.67 4.77 -3.68	55.30 4.84 -0.33	67.85 4.34 -14.55	46.02 3.21 -0.62	46.12 2.98 -4.70	40.96 2.91 0.00
KEDC_GLWD_GT4 24219	41.35 2.38 0.00	32.36 1.86 0.00	31.60 1.72 -0.31	35.77 1.90 0.00	37.14 2.07 0.00	37.51 2.11 0.00	47.66 2.69 0.00	44.53 2.87 0.00	37.89 2.38 0.00	38.42 2.11 0.00	35.14 2.28 0.00	29.25 1.92 0.00	27.28 1.76 0.00	28.24 1.84 0.00	33.10 2.17 -1.76	70.94 2.53 -33.50	55.13 3.36 0.00	57.57 3.45 -8.77	54.65 3.76 -3.68	54.27 3.81 -0.33	66.90 3.38 -14.55	45.36 2.55 -0.62	45.66 2.52 -4.70	40.61 2.56 0.00
KEDC_GLWD_GT5 24220	41.35 2.38 0.00	32.36 1.86 0.00	31.60 1.72 -0.31	35.77 1.90 0.00	37.14 2.07 0.00	37.51 2.11 0.00	47.66 2.69 0.00	44.53 2.87 0.00	37.89 2.38 0.00	38.42 2.11 0.00	35.14 2.28 0.00	29.25 1.92 0.00	27.28 1.76 0.00	28.24 1.84 0.00	33.10 2.17 -1.76	70.94 2.53 -33.50	55.13 3.36 0.00	57.57 3.45 -8.77	54.65 3.76 -3.68	54.27 3.81 -0.33	66.90 3.38 -14.55	45.36 2.55 -0.62	45.66 2.52 -4.70	40.61 2.56 0.00
KENSICO____ 23655	40.53 1.55 0.00	31.68 1.18 0.00	30.63 1.05 0.00	35.05 1.18 0.00	36.41 1.34 0.00	36.84 1.44 0.00	47.25 2.28 0.00	44.05 2.38 0.00	37.46 1.96 0.00	37.94 1.63 0.00	34.38 1.52 0.00	28.64 1.31 0.00	26.68 1.17 0.00	27.63 1.23 0.00	30.61 1.44 0.00	36.60 1.68 0.00	54.31 2.54 0.00	48.06 2.70 0.00	50.19 2.97 0.00	53.10 2.97 0.00	51.51 2.55 0.00	44.11 1.91 0.00	40.17 1.73 0.00	39.79 1.75 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.78 1.81 0.00	31.86 1.36 0.00	30.83 1.26 0.00	35.30 1.43 0.00	36.71 1.64 0.00	37.17 1.78 0.00	47.78 2.81 0.00	44.53 2.86 0.00	37.85 2.35 0.00	38.13 1.82 0.00	34.38 1.52 0.00	28.50 1.17 0.00	26.32 0.81 0.00	27.25 0.86 0.00	30.25 1.08 0.00	36.24 1.32 0.00	54.09 2.32 0.00	48.09 2.74 0.00	50.26 3.05 0.00	53.22 3.09 0.00	52.00 3.04 0.00	44.47 2.27 0.00	40.44 2.00 0.00	40.03 1.99 0.00

KIAC_JFK_GT1 23816	40.88 1.90 0.00	31.89 1.39 0.00	30.72 1.15 0.00	35.14 1.27 0.00	36.59 1.52 0.00	37.07 1.67 0.00	47.62 2.65 0.00	44.35 2.68 0.00	37.80 2.30 0.00	38.35 2.04 0.00	34.83 1.97 0.00	30.09 1.73 -1.03	28.18 1.60 -1.06	28.09 1.62 -0.07	31.52 1.88 -0.47	37.07 2.15 0.00	54.92 3.14 0.00	48.59 3.24 0.00	50.70 3.49 0.00	53.68 3.55 0.00	51.90 2.93 0.00	44.50 2.30 0.00	40.49 2.04 0.00	40.13 2.08 0.00
KIAC_JFK_GT2 23817	40.88 1.90 0.00	31.89 1.39 0.00	30.72 1.15 0.00	35.14 1.27 0.00	36.59 1.52 0.00	37.07 1.67 0.00	47.62 2.65 0.00	44.35 2.68 0.00	37.80 2.30 0.00	38.35 2.04 0.00	34.83 1.97 0.00	30.09 1.73 -1.03	28.18 1.60 -1.06	28.09 1.62 -0.07	31.52 1.88 -0.47	37.07 2.15 0.00	54.92 3.14 0.00	48.59 3.24 0.00	50.70 3.49 0.00	53.68 3.55 0.00	51.90 2.93 0.00	44.50 2.30 0.00	40.49 2.04 0.00	40.13 2.08 0.00
KIAC_JFK____ 323774	40.88 1.90 0.00	31.89 1.39 0.00	30.72 1.15 0.00	35.13 1.26 0.00	36.59 1.52 0.00	37.07 1.67 0.00	47.61 2.64 0.00	44.33 2.67 0.00	37.81 2.30 0.00	38.35 2.04 0.00	34.83 1.97 0.00	30.09 1.74 -1.03	28.19 1.61 -1.06	28.09 1.62 -0.07	31.52 1.88 -0.47	37.07 2.15 0.00	54.92 3.15 0.00	48.59 3.24 0.00	50.70 3.49 0.00	53.68 3.55 0.00	51.90 2.94 0.00	44.51 2.31 0.00	40.49 2.05 0.00	40.13 2.08 0.00
KINTIGH____ 23543	35.94 -3.04 0.00	28.02 -2.48 0.00	27.28 -2.30 0.00	31.38 -2.49 0.00	32.43 -2.64 0.00	32.73 -2.67 0.00	41.65 -3.32 0.00	38.33 -3.33 0.00	32.97 -2.53 0.00	33.99 -2.32 0.00	30.79 -2.07 0.00	25.60 -1.73 0.00	24.10 -1.42 0.00	24.87 -1.53 0.00	27.22 -1.95 0.00	32.24 -2.68 0.00	47.66 -4.11 0.00	41.64 -3.71 0.00	43.56 -3.65 0.00	46.05 -4.08 0.00	44.49 -4.24 0.23	37.35 -4.20 0.65	34.54 -3.90 0.00	34.22 -3.83 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	41.65 2.68 0.00	32.52 2.02 0.00	31.55 1.97 0.00	36.13 2.27 0.00	37.37 2.30 0.00	37.49 2.09 0.00	47.29 2.32 0.00	43.45 1.79 0.00	37.01 1.50 0.00	38.19 1.88 0.00	34.36 1.50 0.00	28.48 1.15 0.00	26.50 0.98 0.00	27.49 1.09 0.00	30.44 1.27 0.00	36.47 1.55 0.00	54.36 2.59 0.00	47.09 1.74 0.00	49.08 1.87 0.00	52.16 2.03 0.00	51.16 2.20 0.00	44.00 1.80 0.00	40.09 1.65 0.00	39.62 1.58 0.00
LACHUTE____HYDRO 323717	42.65 3.67 0.00	33.19 2.69 0.00	31.98 2.41 0.00	36.36 2.49 0.00	38.08 3.01 0.00	38.18 2.78 0.00	49.06 4.09 0.00	45.40 3.74 0.00	38.19 2.69 0.00	38.51 2.20 0.00	34.56 1.71 0.00	28.75 1.42 0.00	26.75 1.24 0.00	27.74 1.35 0.00	31.00 1.83 0.00	37.50 2.58 0.00	56.12 4.35 0.00	49.04 3.69 0.00	50.93 3.72 0.00	53.65 3.52 0.00	52.31 3.35 0.00	45.03 2.83 0.00	41.32 2.87 0.00	40.64 2.59 0.00
LAWRNCV_115KV_TB1 80681	39.53 0.56 0.00	31.07 0.57 0.00	30.18 0.61 0.00	34.58 0.71 0.00	35.57 0.50 0.00	35.71 0.31 0.00	44.77 -0.20 0.00	41.29 -0.37 0.00	35.29 -0.21 0.00	36.38 0.07 0.00	32.84 -0.02 0.00	27.30 -0.04 0.00	25.54 0.03 0.00	26.44 0.04 0.00	29.14 -0.03 0.00	34.88 -0.04 0.00	51.66 -0.11 0.00	44.85 -0.50 0.00	46.57 -0.64 0.00	49.59 -0.54 0.00	48.93 -0.03 0.00	42.40 0.20 0.00	38.75 0.31 0.00	38.43 0.38 0.00
LEDERLE____ 23769	40.49 1.51 0.00	31.66 1.16 0.00	30.61 1.04 0.00	35.05 1.18 0.00	36.42 1.36 0.00	36.87 1.46 0.00	47.34 2.37 0.00	44.06 2.40 0.00	37.42 1.92 0.00	37.90 1.59 0.00	34.33 1.47 0.00	28.58 1.25 0.00	26.62 1.11 0.00	27.57 1.17 0.00	30.55 1.38 0.00	36.52 1.60 0.00	54.24 2.47 0.00	48.04 2.69 0.00	50.19 2.98 0.00	53.11 2.98 0.00	51.58 2.61 0.00	44.10 1.90 0.00	40.13 1.69 0.00	39.76 1.71 0.00
LIGHTHSE_115KV_TB6 355974	37.97 -1.00 0.00	29.65 -0.85 0.00	28.74 -0.84 0.00	32.92 -0.95 0.00	34.07 -0.99 0.00	34.28 -1.12 0.00	43.81 -1.16 0.00	40.48 -1.19 0.00	34.48 -1.02 0.00	35.01 -1.31 0.00	31.44 -1.41 0.00	26.17 -1.16 0.00	24.48 -1.03 0.00	25.27 -1.13 0.00	27.81 -1.36 0.00	33.28 -1.63 0.00	49.89 -1.88 0.00	44.08 -1.28 0.00	45.99 -1.23 0.00	48.78 -1.36 0.00	47.56 -1.41 0.00	40.91 -1.29 0.00	37.27 -1.17 0.00	36.86 -1.19 0.00
LINDEN COGEN____ 23786	40.40 1.43 0.00	31.59 1.09 0.00	30.49 0.92 0.00	34.87 1.00 0.00	36.25 1.19 0.00	36.70 1.30 0.00	41.06 2.07 5.99	39.43 2.24 4.47	36.12 1.95 1.33	38.01 1.70 0.00	34.49 1.63 0.00	29.80 1.44 -1.03	27.87 1.29 -1.06	27.82 1.35 -0.07	31.22 1.58 -0.47	36.72 1.80 0.00	39.74 2.57 14.60	39.65 2.63 8.33	39.65 2.86 10.43	39.36 2.88 13.65	39.53 2.31 11.74	40.07 1.80 3.92	39.58 1.64 0.51	39.58 1.68 0.16
LINDHRST_69_KV_BK1 356055	41.73 2.76 0.00	32.64 2.14 0.00	31.89 2.01 -0.31	36.10 2.23 0.00	37.46 2.39 0.00	37.86 2.46 0.00	48.47 3.50 0.00	45.31 3.65 0.00	38.58 3.08 0.00	38.98 2.67 0.00	35.36 2.51 0.00	29.40 2.07 0.00	27.41 1.89 0.00	28.38 1.98 0.00	33.28 2.35 -1.76	71.25 2.84 -33.50	56.13 4.36 0.00	58.50 4.38 -8.77	55.53 4.64 -3.68	55.22 4.76 -0.33	67.79 4.28 -14.55	46.12 3.30 -0.62	46.09 2.95 -4.70	40.95 2.90 0.00
LIPA_MISC_IPP 23656	41.79 2.81 0.00	32.60 2.10 0.00	31.99 2.10 -0.31	36.20 2.33 0.00	37.56 2.50 0.00	37.92 2.52 0.00	48.51 3.54 0.00	45.29 3.62 0.00	38.71 3.21 0.00	39.00 2.69 0.00	35.36 2.50 0.00	29.27 1.94 0.00	27.27 1.75 0.00	28.25 1.86 0.00	33.24 2.30 -1.76	71.25 2.84 -33.50	56.37 4.59 0.00	58.88 4.76 -8.77	55.78 4.88 -3.68	55.43 4.97 -0.33	67.98 4.47 -14.55	46.05 3.24 -0.62	46.01 2.87 -4.70	40.83 2.78 0.00
LISF__SOLAR 323691	41.86 2.88 0.00	32.65 2.15 0.00	32.03 2.15 -0.31	36.25 2.38 0.00	37.63 2.56 0.00	37.99 2.59 0.00	48.61 3.64 0.00	45.36 3.70 0.00	38.78 3.27 0.00	39.05 2.74 0.00	35.39 2.53 0.00	29.29 1.96 0.00	27.28 1.76 0.00	28.27 1.87 0.00	33.25 2.32 -1.76	71.29 2.87 -33.50	56.48 4.71 0.00	59.02 4.89 -8.77	55.91 5.02 -3.68	55.57 5.10 -0.33	68.11 4.60 -14.55	46.15 3.34 -0.62	46.08 2.94 -4.70	40.90 2.85 0.00
LITTLE FALLS____HYD 24013	39.14 0.16 0.00	30.60 0.10 0.00	29.70 0.12 0.00	33.94 0.07 0.00	35.18 0.11 0.00	35.58 0.18 0.00	45.86 0.88 0.00	42.80 1.14 0.00	35.98 0.48 0.00	35.91 -0.40 0.00	32.26 -0.60 0.00	26.83 -0.50 0.00	24.94 -0.57 0.00	25.82 -0.58 0.00	28.69 -0.48 0.00	34.66 -0.26 0.00	51.80 0.02 0.00	46.07 0.71 0.00	48.14 0.93 0.00	51.01 0.88 0.00	49.68 0.72 0.00	42.47 0.28 0.00	38.70 0.26 0.00	38.40 0.35 0.00
LITTLRIV_115KV_TB1 356100	40.04 1.06 0.00	31.45 0.95 0.00	30.57 0.99 0.00	35.04 1.17 0.00	36.06 1.00 0.00	36.24 0.84 0.00	45.51 0.54 0.00	42.01 0.34 0.00	35.85 0.35 0.00	36.85 0.54 0.00	33.24 0.38 0.00	27.64 0.31 0.00	25.87 0.36 0.00	26.80 0.40 0.00	29.48 0.31 0.00	35.29 0.38 0.00	52.36 0.59 0.00	45.57 0.21 0.00	47.32 0.11 0.00	50.39 0.26 0.00	49.72 0.76 0.00	43.06 0.86 0.00	39.31 0.87 0.00	38.95 0.90 0.00

LI_NEWBRDGE___DRP 323616	41.00 2.03 0.00	32.09 1.59 0.00	31.34 1.46 -0.31	35.48 1.60 0.00	36.83 1.76 0.00	37.20 1.80 0.00	47.55 2.58 0.00	44.43 2.76 0.00	37.80 2.30 0.00	38.29 1.98 0.00	34.78 1.92 0.00	28.95 1.62 0.00	26.99 1.48 0.00	27.96 1.56 0.00	32.78 1.85 -1.76	70.59 2.17 -33.50	54.97 3.20 0.00	57.42 3.30 -8.77	54.47 3.58 -3.68	54.10 3.65 -0.33	66.73 3.22 -14.55	45.24 2.43 -0.62	45.36 2.22 -4.70	40.26 2.21 0.00
LOCKPORT_115KV_TB60_63_64 80432	35.67 -3.31 0.00	27.87 -2.64 0.00	27.14 -2.44 0.00	31.32 -2.55 0.00	32.27 -2.80 0.00	32.51 -2.89 0.00	41.34 -3.63 0.00	37.98 -3.68 0.00	32.68 -2.83 0.00	33.72 -2.59 0.00	30.56 -2.29 0.00	25.41 -1.92 0.00	23.95 -1.57 0.00	24.71 -1.69 0.00	26.96 -2.21 0.00	31.84 -3.08 0.00	47.05 -4.72 0.00	41.19 -4.17 0.00	43.14 -4.07 0.00	45.55 -4.59 0.00	43.94 -4.76 0.27	36.77 -4.68 0.75	34.07 -4.36 0.00	33.73 -4.32 0.00
LOCKPORT___CC1 323769	35.03 -3.33 0.62	24.68 -2.65 3.17	24.03 -2.44 3.11	27.46 -2.61 3.81	30.14 -2.85 2.08	30.88 -2.90 1.62	37.26 -3.66 4.05	32.57 -3.66 5.43	31.74 -2.84 0.92	33.71 -2.60 0.00	30.52 -2.34 0.00	25.39 -1.94 0.00	23.93 -1.58 0.00	24.70 -1.70 0.00	26.95 -2.22 0.00	31.84 -3.08 0.00	47.04 -4.74 0.00	41.15 -4.20 0.00	43.08 -4.14 0.00	45.50 -4.63 0.00	43.89 -4.81 0.27	36.71 -4.74 0.75	34.05 -4.38 0.00	33.70 -4.35 0.00
LOCKPORT___CC2 323770	35.03 -3.33 0.62	24.68 -2.65 3.17	24.03 -2.44 3.11	27.46 -2.61 3.81	30.14 -2.85 2.08	30.88 -2.90 1.62	37.26 -3.66 4.05	32.57 -3.66 5.43	31.74 -2.84 0.92	33.71 -2.60 0.00	30.52 -2.34 0.00	25.39 -1.94 0.00	23.93 -1.58 0.00	24.70 -1.70 0.00	26.95 -2.22 0.00	31.84 -3.08 0.00	47.04 -4.74 0.00	41.15 -4.20 0.00	43.08 -4.14 0.00	45.50 -4.63 0.00	43.89 -4.81 0.27	36.71 -4.74 0.75	34.05 -4.38 0.00	33.70 -4.35 0.00
LOCKPORT___CC3 323771	35.03 -3.33 0.62	24.68 -2.65 3.17	24.03 -2.44 3.11	27.46 -2.61 3.81	30.14 -2.85 2.08	30.88 -2.90 1.62	37.26 -3.66 4.05	32.57 -3.66 5.43	31.74 -2.84 0.92	33.71 -2.60 0.00	30.52 -2.34 0.00	25.39 -1.94 0.00	23.93 -1.58 0.00	24.70 -1.70 0.00	26.95 -2.22 0.00	31.84 -3.08 0.00	47.04 -4.74 0.00	41.15 -4.20 0.00	43.08 -4.14 0.00	45.50 -4.63 0.00	43.89 -4.81 0.27	36.71 -4.74 0.75	34.05 -4.38 0.00	33.70 -4.35 0.00
LONG_LAKE_PHOENIX 24014	37.58 -1.39 0.00	29.37 -1.13 0.00	28.48 -1.09 0.00	32.65 -1.22 0.00	33.83 -1.24 0.00	34.19 -1.21 0.00	43.66 -1.31 0.00	40.27 -1.39 0.00	34.35 -1.15 0.00	35.01 -1.30 0.00	31.59 -1.27 0.00	26.25 -1.08 0.00	24.54 -0.98 0.00	25.36 -1.04 0.00	27.97 -1.20 0.00	33.50 -1.42 0.00	49.92 -1.85 0.00	43.95 -1.41 0.00	45.83 -1.38 0.00	48.56 -1.57 0.00	47.24 -1.72 0.00	40.52 -1.67 0.00	36.86 -1.58 0.00	36.45 -1.60 0.00
LOVETT___3 23632	40.32 1.34 0.00	31.52 1.02 0.00	30.49 0.91 0.00	34.90 1.04 0.00	36.26 1.19 0.00	36.70 1.29 0.00	47.09 2.12 0.00	43.83 2.17 0.00	37.25 1.74 0.00	37.70 1.39 0.00	34.15 1.30 0.00	28.44 1.11 0.00	26.49 0.97 0.00	27.43 1.03 0.00	30.40 1.23 0.00	36.34 1.42 0.00	53.94 2.17 0.00	47.77 2.42 0.00	49.90 2.69 0.00	52.81 2.68 0.00	51.28 2.32 0.00	43.87 1.67 0.00	39.93 1.49 0.00	39.57 1.52 0.00
LOVETT___4 23642	40.32 1.34 0.00	31.52 1.02 0.00	30.49 0.91 0.00	34.90 1.04 0.00	36.26 1.19 0.00	36.70 1.29 0.00	47.09 2.12 0.00	43.83 2.17 0.00	37.25 1.74 0.00	37.70 1.39 0.00	34.15 1.30 0.00	28.44 1.11 0.00	26.49 0.97 0.00	27.43 1.03 0.00	30.40 1.23 0.00	36.34 1.42 0.00	53.94 2.17 0.00	47.77 2.42 0.00	49.90 2.69 0.00	52.81 2.68 0.00	51.28 2.32 0.00	43.87 1.67 0.00	39.93 1.49 0.00	39.57 1.52 0.00
LOVETT___5 23593	40.32 1.34 0.00	31.52 1.02 0.00	30.49 0.91 0.00	34.90 1.04 0.00	36.26 1.19 0.00	36.70 1.29 0.00	47.09 2.12 0.00	43.83 2.17 0.00	37.25 1.74 0.00	37.70 1.39 0.00	34.15 1.30 0.00	28.44 1.11 0.00	26.49 0.97 0.00	27.43 1.03 0.00	30.40 1.23 0.00	36.34 1.42 0.00	53.94 2.17 0.00	47.77 2.42 0.00	49.90 2.69 0.00	52.81 2.68 0.00	51.28 2.32 0.00	43.87 1.67 0.00	39.93 1.49 0.00	39.57 1.52 0.00
LOWER RAQUET___HYD 24057	39.46 0.48 0.00	30.99 0.49 0.00	30.12 0.55 0.00	34.50 0.63 0.00	35.50 0.43 0.00	35.61 0.21 0.00	44.63 -0.34 0.00	41.17 -0.49 0.00	35.18 -0.32 0.00	36.24 -0.08 0.00	32.68 -0.17 0.00	27.16 -0.17 0.00	25.42 -0.09 0.00	26.32 -0.08 0.00	29.00 -0.17 0.00	34.71 -0.21 0.00	51.47 -0.30 0.00	44.70 -0.65 0.00	46.43 -0.78 0.00	49.44 -0.69 0.00	48.78 -0.18 0.00	42.28 0.08 0.00	38.67 0.22 0.00	38.36 0.31 0.00
LOWER___HUDSON 24059	40.20 1.23 0.00	31.51 1.02 0.00	30.53 0.96 0.00	34.90 1.03 0.00	36.14 1.07 0.00	36.44 1.04 0.00	46.60 1.63 0.00	43.31 1.65 0.00	36.64 1.14 0.00	37.08 0.77 0.00	33.51 0.65 0.00	27.92 0.59 0.00	26.01 0.50 0.00	26.95 0.55 0.00	29.89 0.72 0.00	35.94 1.03 0.00	53.33 1.56 0.00	47.00 1.65 0.00	48.95 1.74 0.00	51.95 1.81 0.00	50.63 1.67 0.00	43.48 1.28 0.00	39.69 1.25 0.00	39.28 1.23 0.00
LOWVILLE_115KV_TB2 356335	39.42 0.45 0.00	30.78 0.28 0.00	29.82 0.24 0.00	34.12 0.25 0.00	35.37 0.30 0.00	35.47 0.07 0.00	45.22 0.25 0.00	42.00 0.34 0.00	35.78 0.28 0.00	36.12 -0.19 0.00	32.31 -0.55 0.00	26.90 -0.43 0.00	25.21 -0.31 0.00	26.03 -0.37 0.00	28.66 -0.51 0.00	34.34 -0.58 0.00	51.81 0.03 0.00	45.57 0.21 0.00	47.54 0.32 0.00	50.53 0.39 0.00	49.48 0.52 0.00	42.70 0.50 0.00	38.94 0.50 0.00	38.58 0.53 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.66 1.69 0.00	31.82 1.32 0.00	30.82 1.25 0.00	35.22 1.35 0.00	36.47 1.41 0.00	36.74 1.34 0.00	47.03 2.07 0.00	43.67 2.01 0.00	36.93 1.43 0.00	37.34 1.03 0.00	33.67 0.82 0.00	28.02 0.69 0.00	26.11 0.60 0.00	27.05 0.65 0.00	30.00 0.83 0.00	36.16 1.24 0.00	53.91 2.14 0.00	47.53 2.18 0.00	49.50 2.28 0.00	52.46 2.32 0.00	51.05 2.09 0.00	43.80 1.60 0.00	39.96 1.52 0.00	39.51 1.46 0.00
LUTHERNY_35_KV_BK2 355980	40.67 1.69 0.00	31.81 1.31 0.00	30.82 1.24 0.00	35.20 1.33 0.00	36.47 1.40 0.00	36.75 1.35 0.00	47.11 2.14 0.00	43.69 2.02 0.00	36.93 1.43 0.00	37.36 1.04 0.00	33.67 0.81 0.00	28.02 0.69 0.00	26.11 0.60 0.00	27.05 0.65 0.00	30.01 0.84 0.00	36.18 1.26 0.00	53.96 2.19 0.00	47.58 2.22 0.00	49.56 2.34 0.00	52.51 2.37 0.00	51.05 2.09 0.00	43.77 1.57 0.00	39.97 1.52 0.00	39.52 1.47 0.00
LWR___OSWEGATCHIE_HYD 23850	39.08 0.10 0.00	30.60 0.10 0.00	29.69 0.12 0.00	34.00 0.13 0.00	35.11 0.04 0.00	35.20 -0.20 0.00	44.50 -0.47 0.00	41.16 -0.50 0.00	35.12 -0.39 0.00	35.80 -0.51 0.00	32.14 -0.72 0.00	26.74 -0.59 0.00	25.11 -0.40 0.00	25.95 -0.45 0.00	28.58 -0.59 0.00	34.23 -0.69 0.00	51.24 -0.53 0.00	44.84 -0.51 0.00	46.67 -0.54 0.00	49.66 -0.48 0.00	48.81 -0.16 0.00	42.20 0.00 0.00	38.53 0.10 0.00	38.21 0.16 0.00

LYONS_FALL_HYD 23570	39.52 0.55 0.00	30.88 0.38 0.00	29.92 0.35 0.00	34.26 0.39 0.00	35.51 0.45 0.00	35.74 0.34 0.00	45.62 0.65 0.00	42.39 0.73 0.00	36.07 0.57 0.00	36.50 0.19 0.00	32.77 -0.09 0.00	27.26 -0.07 0.00	25.50 -0.01 0.00	26.34 -0.06 0.00	29.06 -0.11 0.00	34.83 -0.09 0.00	52.35 0.58 0.00	46.06 0.71 0.00	48.03 0.82 0.00	51.02 0.89 0.00	49.86 0.90 0.00	42.93 0.73 0.00	39.12 0.67 0.00	38.73 0.68 0.00
MADISON___COUNTY_LFGE 323628	39.66 0.68 0.00	30.99 0.49 0.00	30.05 0.48 0.00	34.44 0.58 0.00	35.69 0.62 0.00	36.12 0.72 0.00	46.25 1.27 0.00	42.92 1.26 0.00	36.48 0.98 0.00	36.92 0.60 0.00	33.25 0.39 0.00	27.60 0.28 0.00	25.77 0.26 0.00	26.64 0.24 0.00	29.41 0.24 0.00	35.28 0.36 0.00	52.86 1.09 0.00	46.67 1.32 0.00	48.70 1.48 0.00	51.66 1.52 0.00	50.25 1.29 0.00	43.10 0.91 0.00	39.21 0.77 0.00	38.77 0.72 0.00
MALONE___115KV_TB1 356076	41.18 2.21 0.00	32.23 1.73 0.00	31.28 1.70 0.00	35.83 1.96 0.00	37.02 1.95 0.00	37.21 1.81 0.00	46.88 1.91 0.00	43.20 1.54 0.00	36.87 1.37 0.00	38.01 1.70 0.00	34.21 1.35 0.00	28.37 1.04 0.00	26.47 0.96 0.00	27.41 1.01 0.00	30.26 1.09 0.00	36.24 1.32 0.00	53.91 2.14 0.00	46.77 1.42 0.00	48.69 1.48 0.00	51.77 1.64 0.00	50.92 1.96 0.00	43.88 1.69 0.00	39.94 1.50 0.00	39.53 1.48 0.00
MAPLEWOD_115KV_TB3 80458	39.91 0.93 0.00	31.27 0.77 0.00	30.31 0.74 0.00	34.66 0.79 0.00	35.90 0.83 0.00	36.24 0.84 0.00	46.36 1.39 0.00	43.14 1.47 0.00	36.48 0.98 0.00	36.92 0.61 0.00	33.41 0.55 0.00	27.85 0.52 0.00	25.95 0.44 0.00	26.88 0.48 0.00	29.78 0.61 0.00	35.79 0.88 0.00	53.10 1.33 0.00	46.84 1.49 0.00	48.80 1.58 0.00	51.91 1.78 0.00	50.58 1.62 0.00	43.46 1.26 0.00	39.65 1.21 0.00	39.22 1.17 0.00
MAPLE_RIDGE_WT_1 323574	39.18 0.20 0.00	30.68 0.18 0.00	29.71 0.14 0.00	33.99 0.12 0.00	35.16 0.09 0.00	35.38 -0.02 0.00	44.73 -0.24 0.00	41.40 -0.27 0.00	35.37 -0.13 0.00	36.33 0.02 0.00	32.85 0.00 0.00	27.35 0.03 0.00	25.58 0.07 0.00	26.47 0.08 0.00	29.23 0.07 0.00	34.93 0.01 0.00	51.65 -0.12 0.00	44.96 -0.39 0.00	46.68 -0.53 0.00	49.54 -0.59 0.00	48.72 -0.24 0.00	42.21 0.01 0.00	38.53 0.09 0.00	38.21 0.16 0.00
MAPLE_RIDGE_WT_2 323611	39.18 0.20 0.00	30.68 0.18 0.00	29.71 0.14 0.00	33.99 0.12 0.00	35.16 0.09 0.00	35.38 -0.02 0.00	44.73 -0.24 0.00	41.40 -0.27 0.00	35.37 -0.13 0.00	36.33 0.02 0.00	32.85 0.00 0.00	27.35 0.03 0.00	25.58 0.07 0.00	26.47 0.08 0.00	29.23 0.07 0.00	34.93 0.01 0.00	51.65 -0.12 0.00	44.96 -0.39 0.00	46.68 -0.53 0.00	49.54 -0.59 0.00	48.72 -0.24 0.00	42.21 0.01 0.00	38.53 0.09 0.00	38.21 0.16 0.00
MARBLE_RIVER_WT_PWR 323696	40.97 1.99 0.00	32.00 1.50 0.00	31.04 1.47 0.00	35.56 1.69 0.00	36.77 1.70 0.00	36.92 1.52 0.00	46.52 1.55 0.00	42.74 1.08 0.00	36.44 0.94 0.00	37.66 1.35 0.00	33.94 1.08 0.00	28.15 0.82 0.00	26.23 0.71 0.00	27.20 0.80 0.00	30.09 0.92 0.00	36.03 1.11 0.00	53.56 1.79 0.00	46.37 1.02 0.00	48.28 1.06 0.00	51.31 1.18 0.00	50.35 1.39 0.00	43.35 1.15 0.00	39.49 1.04 0.00	39.03 0.98 0.00
MARSHVLE_115KV_TB1 80742	41.34 2.36 0.00	32.27 1.77 0.00	31.24 1.67 0.00	35.85 1.98 0.00	37.16 2.10 0.00	37.68 2.28 0.00	48.05 3.08 0.00	44.53 2.87 0.00	37.93 2.43 0.00	38.55 2.24 0.00	34.75 1.89 0.00	28.83 1.50 0.00	26.96 1.44 0.00	27.85 1.45 0.00	30.65 1.48 0.00	36.47 1.55 0.00	54.41 2.64 0.00	48.08 2.72 0.00	50.10 2.88 0.00	52.95 2.82 0.00	51.59 2.63 0.00	44.42 2.23 0.00	40.36 1.92 0.00	40.00 1.95 0.00
MARSH_HILL_WT_PWR 323713	39.07 -0.12 -0.21	31.37 -0.21 -1.08	30.48 -0.15 -1.05	35.20 0.04 -1.29	35.93 0.15 -0.71	35.99 0.04 -0.55	46.59 0.27 -1.34	43.67 0.32 -1.68	36.16 0.27 -0.38	36.29 -0.03 0.00	32.81 -0.04 0.00	27.23 -0.09 0.00	25.53 0.01 0.00	26.27 -0.13 0.00	28.90 -0.27 0.00	34.32 -0.60 0.00	51.96 0.19 0.00	45.76 0.41 0.00	47.55 0.34 0.00	50.42 0.29 0.00	47.17 -0.83 0.96	38.24 -1.29 2.68	37.58 -0.86 0.00	37.34 -0.71 0.00
MCINTYRE_115KV_TB2 80467	40.40 1.42 0.00	31.77 1.27 0.00	30.84 1.26 0.00	35.37 1.50 0.00	36.41 1.34 0.00	36.64 1.24 0.00	46.04 1.08 0.00	42.50 0.83 0.00	36.24 0.73 0.00	37.21 0.90 0.00	33.57 0.71 0.00	27.93 0.60 0.00	26.15 0.64 0.00	27.08 0.68 0.00	29.78 0.61 0.00	35.66 0.74 0.00	52.86 1.09 0.00	46.07 0.72 0.00	47.84 0.62 0.00	50.95 0.82 0.00	50.27 1.31 0.00	43.55 1.35 0.00	39.70 1.26 0.00	39.30 1.25 0.00
MECO_____69_KV_BK1 80468	42.86 3.88 0.00	33.42 2.92 0.00	32.39 2.82 0.00	37.14 3.27 0.00	38.52 3.45 0.00	39.13 3.73 0.00	50.33 5.36 0.00	46.78 5.12 0.00	39.27 3.77 0.00	38.69 2.38 0.00	34.33 1.47 0.00	28.40 1.07 0.00	26.52 1.01 0.00	27.42 1.02 0.00	30.23 1.07 0.00	36.29 1.37 0.00	55.92 4.15 0.00	50.66 5.31 0.00	53.01 5.79 0.00	56.03 5.90 0.00	54.43 5.47 0.00	46.66 4.47 0.00	42.25 3.81 0.00	41.72 3.67 0.00
MENANDS___115KV_TB5 355628	39.71 0.73 0.00	31.11 0.61 0.00	30.16 0.59 0.00	34.49 0.61 0.00	35.72 0.65 0.00	36.06 0.66 0.00	46.11 1.14 0.00	42.90 1.23 0.00	36.27 0.77 0.00	36.72 0.41 0.00	33.24 0.38 0.00	27.73 0.40 0.00	25.85 0.33 0.00	26.77 0.37 0.00	29.65 0.48 0.00	35.63 0.71 0.00	52.79 1.02 0.00	46.55 1.20 0.00	48.50 1.28 0.00	51.63 1.50 0.00	50.35 1.39 0.00	43.26 1.06 0.00	39.48 1.04 0.00	39.07 1.02 0.00
MG INDUSTRY___DRP 24185	39.83 0.85 0.00	31.19 0.69 0.00	30.26 0.68 0.00	34.62 0.74 0.00	35.80 0.73 0.00	36.16 0.76 0.00	46.19 1.22 0.00	42.96 1.30 0.00	36.30 0.80 0.00	36.71 0.40 0.00	33.19 0.34 0.00	27.67 0.34 0.00	25.83 0.31 0.00	26.73 0.33 0.00	29.58 0.41 0.00	35.61 0.69 0.00	53.02 1.24 0.00	46.75 1.39 0.00	48.68 1.47 0.00	51.78 1.65 0.00	50.47 1.51 0.00	43.37 1.17 0.00	39.56 1.12 0.00	39.16 1.11 0.00
MID___OSWEGATCHIE_HYD 23849	39.08 0.10 0.00	30.60 0.10 0.00	29.69 0.12 0.00	34.00 0.13 0.00	35.11 0.04 0.00	35.20 -0.20 0.00	44.50 -0.47 0.00	41.16 -0.50 0.00	35.12 -0.39 0.00	35.80 -0.51 0.00	32.14 -0.72 0.00	26.74 -0.59 0.00	25.11 -0.40 0.00	25.95 -0.45 0.00	28.58 -0.59 0.00	34.23 -0.69 0.00	51.24 -0.53 0.00	44.84 -0.51 0.00	46.67 -0.54 0.00	49.66 -0.48 0.00	48.81 -0.16 0.00	42.20 0.00 0.00	38.53 0.10 0.00	38.21 0.16 0.00
MID___RAQUETTE_HYD 23851	39.46 0.48 0.00	30.99 0.49 0.00	30.12 0.55 0.00	34.50 0.63 0.00	35.50 0.43 0.00	35.61 0.21 0.00	44.63 -0.34 0.00	41.17 -0.50 0.00	35.18 -0.32 0.00	36.23 -0.08 0.00	32.68 -0.18 0.00	27.16 -0.17 0.00	25.42 -0.09 0.00	26.32 -0.08 0.00	29.00 -0.17 0.00	34.71 -0.21 0.00	51.47 -0.30 0.00	44.70 -0.65 0.00	46.43 -0.78 0.00	49.44 -0.69 0.00	48.78 -0.18 0.00	42.28 0.08 0.00	38.67 0.22 0.00	38.36 0.31 0.00

MILLIKEN___1 23584	39.18 0.21 0.00	30.57 0.06 0.00	29.69 0.11 0.00	34.02 0.15 0.00	35.29 0.22 0.00	35.72 0.32 0.00	45.70 0.72 0.00	42.34 0.67 0.00	36.01 0.51 0.00	36.67 0.36 0.00	33.07 0.21 0.00	27.36 0.03 0.00	25.49 -0.03 0.00	26.30 -0.10 0.00	29.03 -0.13 0.00	34.82 -0.10 0.00	52.21 0.44 0.00	46.13 0.77 0.00	48.14 0.93 0.00	50.99 0.86 0.00	50.26 0.39 -0.91	44.83 0.11 -2.53	38.44 0.00 0.00	38.04 -0.01 0.00
MILLIKEN___2 23585	39.18 0.21 0.00	30.57 0.06 0.00	29.69 0.11 0.00	34.02 0.15 0.00	35.29 0.22 0.00	35.72 0.32 0.00	45.70 0.72 0.00	42.34 0.67 0.00	36.01 0.51 0.00	36.67 0.36 0.00	33.07 0.21 0.00	27.36 0.03 0.00	25.49 -0.03 0.00	26.30 -0.10 0.00	29.03 -0.13 0.00	34.82 -0.10 0.00	52.21 0.44 0.00	46.13 0.77 0.00	48.14 0.93 0.00	50.99 0.86 0.00	50.26 0.39 -0.91	44.83 0.11 -2.53	38.44 0.00 0.00	38.04 -0.01 0.00
MILLIKEN___DIESEL 23629	39.18 0.21 0.00	30.57 0.06 0.00	29.69 0.11 0.00	34.02 0.15 0.00	35.29 0.22 0.00	35.72 0.32 0.00	45.70 0.72 0.00	42.34 0.67 0.00	36.01 0.51 0.00	36.67 0.36 0.00	33.07 0.21 0.00	27.36 0.03 0.00	25.49 -0.03 0.00	26.30 -0.10 0.00	29.03 -0.13 0.00	34.82 -0.10 0.00	52.21 0.44 0.00	46.13 0.77 0.00	48.14 0.93 0.00	50.99 0.86 0.00	50.26 0.39 -0.91	44.83 0.11 -2.53	38.44 0.00 0.00	38.04 -0.01 0.00
MILLSEAT___LFGE 323607	35.91 -2.51 0.55	25.62 -2.03 2.85	24.94 -1.84 2.80	28.53 -1.92 3.42	31.07 -2.12 1.87	31.83 -2.11 1.46	38.83 -2.50 3.64	34.24 -2.53 4.90	32.77 -1.90 0.83	34.65 -1.67 0.00	31.35 -1.51 0.00	26.08 -1.26 0.00	24.55 -0.96 0.00	25.30 -1.10 0.00	27.55 -1.62 0.00	32.52 -2.40 0.00	48.27 -3.50 0.00	42.43 -2.93 0.00	44.46 -2.76 0.00	46.94 -3.19 0.00	45.26 -3.45 0.25	37.87 -3.61 0.72	35.04 -3.40 0.00	34.64 -3.41 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.49 1.52 0.00	31.65 1.15 0.00	30.61 1.04 0.00	35.03 1.16 0.00	36.39 1.32 0.00	36.82 1.42 0.00	47.23 2.26 0.00	44.02 2.35 0.00	37.42 1.92 0.00	37.89 1.58 0.00	34.33 1.48 0.00	28.60 1.27 0.00	26.64 1.13 0.00	27.59 1.19 0.00	30.57 1.41 0.00	36.56 1.64 0.00	54.25 2.48 0.00	48.00 2.65 0.00	50.13 2.91 0.00	53.05 2.92 0.00	51.47 2.51 0.00	44.07 1.87 0.00	40.13 1.69 0.00	39.76 1.71 0.00
MILLWOOD_13_KV_LOAD 356217	40.58 1.60 0.00	31.72 1.22 0.00	30.67 1.10 0.00	35.10 1.24 0.00	36.47 1.40 0.00	36.90 1.49 0.00	47.34 2.37 0.00	44.13 2.47 0.00	37.52 2.02 0.00	38.00 1.69 0.00	34.42 1.56 0.00	28.68 1.35 0.00	26.71 1.20 0.00	27.66 1.26 0.00	30.65 1.48 0.00	36.65 1.73 0.00	54.40 2.63 0.00	48.14 2.79 0.00	50.28 3.07 0.00	53.21 3.08 0.00	51.61 2.66 0.00	44.18 1.98 0.00	40.23 1.79 0.00	39.84 1.80 0.00
MODEL_CITY_ENERGY 24167	34.63 -3.70 0.64	24.29 -2.89 3.31	23.64 -2.69 3.25	27.03 -2.87 3.97	29.73 -3.16 2.17	30.46 -3.24 1.69	36.60 -4.15 4.22	31.83 -4.17 5.66	31.24 -3.30 0.96	33.25 -3.07 0.00	30.11 -2.75 0.00	25.05 -2.28 0.00	23.61 -1.91 0.00	24.37 -2.03 0.00	26.61 -2.57 0.00	31.43 -3.50 0.00	46.39 -5.38 0.00	40.59 -4.76 0.00	42.50 -4.71 0.00	44.87 -5.26 0.00	43.30 -5.39 0.27	36.22 -5.21 0.77	33.64 -4.80 0.00	33.30 -4.75 0.00
MODERN_LFGE___ 323580	34.63 -3.70 0.64	24.29 -2.89 3.31	23.64 -2.69 3.25	27.03 -2.87 3.97	29.73 -3.16 2.17	30.46 -3.24 1.69	36.60 -4.15 4.22	31.83 -4.17 5.66	31.24 -3.30 0.96	33.25 -3.07 0.00	30.11 -2.75 0.00	25.05 -2.28 0.00	23.61 -1.91 0.00	24.37 -2.03 0.00	26.61 -2.57 0.00	31.43 -3.50 0.00	46.39 -5.38 0.00	40.59 -4.76 0.00	42.50 -4.71 0.00	44.87 -5.26 0.00	43.30 -5.39 0.27	36.22 -5.21 0.77	33.64 -4.80 0.00	33.30 -4.75 0.00
MOHAWK_PAPER___DRP 24187	39.91 0.93 0.00	31.27 0.77 0.00	30.31 0.74 0.00	34.66 0.79 0.00	35.90 0.83 0.00	36.24 0.84 0.00	46.36 1.39 0.00	43.14 1.47 0.00	36.48 0.98 0.00	36.92 0.61 0.00	33.41 0.55 0.00	27.85 0.52 0.00	25.95 0.44 0.00	26.88 0.48 0.00	29.78 0.61 0.00	35.79 0.88 0.00	53.10 1.33 0.00	46.84 1.49 0.00	48.80 1.58 0.00	51.91 1.78 0.00	50.58 1.62 0.00	43.46 1.26 0.00	39.65 1.21 0.00	39.22 1.17 0.00
MOHICAN___35_KV_115KV_LD 80490	40.98 2.00 0.00	32.02 1.53 0.00	30.99 1.41 0.00	35.29 1.42 0.00	36.58 1.51 0.00	36.69 1.28 0.00	46.97 2.00 0.00	43.60 1.94 0.00	36.79 1.29 0.00	37.14 0.83 0.00	33.45 0.60 0.00	27.81 0.48 0.00	25.90 0.38 0.00	26.87 0.47 0.00	29.82 0.65 0.00	36.02 1.10 0.00	53.80 2.03 0.00	47.38 2.03 0.00	49.33 2.11 0.00	52.19 2.06 0.00	50.82 1.86 0.00	43.63 1.43 0.00	39.84 1.40 0.00	39.31 1.27 0.00
MONGAUP___HYD 23641	40.21 1.23 0.00	31.21 0.71 0.00	30.21 0.64 0.00	34.58 0.71 0.00	35.93 0.86 0.00	36.59 1.19 0.00	46.71 1.75 0.00	43.47 1.81 0.00	36.84 1.33 0.00	37.07 0.75 0.00	33.39 0.53 0.00	27.75 0.42 0.00	25.83 0.31 0.00	26.73 0.33 0.00	29.60 0.43 0.00	35.53 0.62 0.00	53.24 1.47 0.00	47.36 2.01 0.00	49.49 2.28 0.00	52.43 2.29 0.00	50.92 1.96 0.00	43.60 1.40 0.00	39.72 1.28 0.00	39.56 1.51 0.00
MONTAUK___DIESEL 23721	42.12 3.14 0.00	32.85 2.35 0.00	32.29 2.40 -0.31	36.53 2.66 0.00	37.94 2.88 0.00	38.38 2.98 0.00	49.14 4.18 0.00	45.88 4.22 0.00	39.19 3.69 0.00	39.39 3.07 0.00	35.66 2.80 0.00	29.54 2.21 0.00	27.52 2.01 0.00	28.64 2.24 0.00	33.80 2.87 -1.76	72.13 3.71 -33.50	57.85 6.08 0.00	60.11 5.99 -8.77	56.95 6.05 -3.68	56.80 6.34 -0.33	69.41 5.89 -14.55	47.01 4.20 -0.62	46.66 3.52 -4.70	41.30 3.25 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.48 -1.49 0.00	29.03 -1.47 0.00	28.28 -1.29 0.00	32.58 -1.29 0.00	33.64 -1.43 0.00	34.07 -1.33 0.00	43.82 -1.15 0.00	40.36 -1.31 0.00	34.39 -1.12 0.00	35.16 -1.15 0.00	31.96 -0.90 0.00	26.55 -0.78 0.00	25.13 -0.39 0.00	26.12 -0.28 0.00	28.65 -0.52 0.00	33.92 -1.00 0.00	50.30 -1.47 0.00	43.82 -1.54 0.00	45.80 -1.42 0.00	48.16 -1.97 0.00	45.87 -2.71 0.38	37.97 -3.18 1.05	35.38 -3.06 0.00	35.19 -2.85 0.00
MORTIMER_115KV_TB3 55949	37.01 -1.97 0.00	28.87 -1.63 0.00	28.06 -1.52 0.00	32.24 -1.63 0.00	33.36 -1.71 0.00	33.73 -1.67 0.00	43.06 -1.91 0.00	39.71 -1.95 0.00	34.07 -1.43 0.00	35.03 -1.28 0.00	31.70 -1.16 0.00	26.35 -0.98 0.00	24.71 -0.80 0.00	25.48 -0.92 0.00	27.90 -1.27 0.00	33.15 -1.77 0.00	49.24 -2.53 0.00	43.23 -2.13 0.00	45.20 -2.01 0.00	47.81 -2.32 0.00	46.22 -2.54 0.20	38.95 -2.68 0.56	35.86 -2.58 0.00	35.46 -2.59 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.66 1.68 0.00	31.77 1.27 0.00	30.68 1.11 0.00	35.10 1.23 0.00	36.47 1.41 0.00	36.93 1.53 0.00	47.36 2.39 0.00	44.19 2.53 0.00	37.64 2.14 0.00	38.19 1.87 0.00	34.63 1.77 0.00	29.91 1.54 -1.04	27.97 1.38 -1.08	27.92 1.45 -0.07	31.33 1.68 -0.48	36.87 1.95 0.00	54.63 2.86 0.00	48.28 2.93 0.00	50.39 3.17 0.00	53.34 3.21 0.00	51.65 2.69 0.00	44.26 2.07 0.00	40.31 1.87 0.00	39.95 1.90 0.00

MUNSVILLE_WIND_PWR 323609	42.06 2.90 -0.19	33.55 2.07 -0.98	32.57 2.04 -0.96	37.37 2.32 -1.17	38.30 2.60 -0.64	38.81 2.91 -0.50	50.68 4.49 -1.23	47.35 4.13 -1.55	38.95 3.21 -0.23	38.99 2.68 0.00	35.11 2.26 0.00	29.04 1.71 0.00	27.09 1.58 0.00	27.91 1.51 0.00	30.77 1.60 0.00	37.01 2.09 0.00	56.04 4.27 0.00	49.41 4.06 0.00	51.49 4.28 0.00	54.41 4.28 0.00	52.91 3.45 -0.50	46.24 2.67 -1.37	40.80 2.36 0.00	40.45 2.40 0.00
N SALMON___HYD 24042	41.18 2.21 0.00	32.23 1.73 0.00	31.28 1.70 0.00	35.82 1.95 0.00	37.02 1.95 0.00	37.21 1.81 0.00	46.88 1.91 0.00	43.21 1.55 0.00	36.87 1.37 0.00	38.01 1.70 0.00	34.21 1.35 0.00	28.37 1.04 0.00	26.47 0.96 0.00	27.41 1.01 0.00	30.26 1.09 0.00	36.24 1.32 0.00	53.91 2.14 0.00	46.77 1.42 0.00	48.69 1.48 0.00	51.77 1.64 0.00	50.92 1.96 0.00	43.88 1.69 0.00	39.94 1.50 0.00	39.53 1.48 0.00
N.AKRON___115KV_KNAPP 355671	36.44 -2.54 0.00	28.45 -2.05 0.00	27.70 -1.88 0.00	31.94 -1.93 0.00	32.95 -2.12 0.00	33.27 -2.13 0.00	42.42 -2.55 0.00	39.05 -2.61 0.00	33.58 -1.92 0.00	34.62 -1.69 0.00	31.36 -1.50 0.00	26.07 -1.26 0.00	24.55 -0.96 0.00	25.29 -1.11 0.00	27.54 -1.63 0.00	32.52 -2.40 0.00	48.23 -3.54 0.00	42.38 -2.98 0.00	44.41 -2.80 0.00	46.89 -3.24 0.00	45.21 -3.49 0.26	37.85 -3.63 0.72	35.00 -3.44 0.00	34.60 -3.45 0.00
N.BELMOR_69_KV_BK1 55787	41.32 2.34 0.00	32.33 1.83 0.00	31.57 1.69 -0.31	35.74 1.88 0.00	37.10 2.03 0.00	37.49 2.09 0.00	47.92 2.95 0.00	44.79 3.13 0.00	38.09 2.58 0.00	38.58 2.27 0.00	35.04 2.19 0.00	29.17 1.84 0.00	27.20 1.68 0.00	28.17 1.77 0.00	33.02 2.09 -1.76	70.90 2.48 -33.50	55.37 3.60 0.00	57.69 3.57 -8.77	54.73 3.84 -3.68	54.34 3.88 -0.33	66.99 3.48 -14.55	45.64 2.82 -0.62	45.70 2.56 -4.70	40.56 2.51 0.00
N.E_GEN_SANDY PD 24062	40.09 1.36 0.25	36.26 1.10 -4.66	35.80 1.02 -5.22	36.54 1.12 -1.55	36.55 1.22 -0.26	36.60 1.20 0.00	51.70 1.87 -4.86	43.59 1.92 0.00	36.84 1.45 0.11	36.98 1.04 0.37	33.59 0.95 0.21	28.19 0.87 0.00	26.26 0.74 0.00	27.21 0.81 0.00	30.17 1.00 0.00	36.19 1.27 0.00	52.68 1.83 0.92	46.77 1.97 0.56	48.70 2.10 0.61	50.69 2.11 1.56	50.03 1.84 0.77	43.58 1.43 0.05	39.93 1.42 -0.08	39.50 1.45 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.37 1.40 0.00	31.58 1.08 0.00	30.52 0.95 0.00	34.95 1.08 0.00	36.32 1.25 0.00	36.75 1.35 0.00	47.19 2.22 0.00	43.92 2.25 0.00	37.30 1.80 0.00	37.77 1.46 0.00	34.22 1.36 0.00	28.48 1.16 0.00	26.53 1.01 0.00	27.48 1.08 0.00	30.45 1.28 0.00	36.39 1.47 0.00	54.05 2.27 0.00	47.86 2.51 0.00	50.01 2.79 0.00	52.91 2.78 0.00	51.38 2.42 0.00	43.95 1.75 0.00	40.00 1.56 0.00	39.64 1.59 0.00
N.QUEENS_27_KV_LOAD 356247	40.71 1.73 0.00	31.77 1.27 0.00	30.64 1.06 0.00	35.02 1.15 0.00	36.46 1.39 0.00	36.94 1.54 0.00	47.41 2.44 0.00	44.20 2.54 0.00	37.76 2.26 0.00	38.24 1.93 0.00	34.70 1.84 0.00	29.88 1.52 -1.03	27.85 1.27 -1.06	27.91 1.45 -0.07	31.31 1.67 -0.47	36.91 1.99 0.00	54.64 2.87 0.00	48.35 3.00 0.00	50.42 3.20 0.00	53.43 3.30 0.00	51.72 2.76 0.00	44.31 2.11 0.00	40.33 1.90 0.00	39.92 1.87 0.00
N.TROY___115KV_TB1 355778	40.21 1.23 0.00	31.51 1.01 0.00	30.53 0.96 0.00	34.90 1.03 0.00	36.14 1.07 0.00	36.44 1.04 0.00	46.60 1.63 0.00	43.31 1.65 0.00	36.64 1.14 0.00	37.08 0.77 0.00	33.51 0.65 0.00	27.92 0.59 0.00	26.01 0.50 0.00	26.95 0.55 0.00	29.89 0.72 0.00	35.94 1.03 0.00	53.33 1.56 0.00	47.00 1.65 0.00	48.96 1.74 0.00	51.95 1.81 0.00	50.63 1.67 0.00	43.48 1.28 0.00	39.70 1.25 0.00	39.28 1.23 0.00
NARROWS_GT1_1 24228	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.98 0.00	30.07 1.70 -1.04	28.05 1.46 -1.08	28.06 1.59 -0.07	31.45 1.81 -0.48	37.04 2.12 0.00	54.81 3.04 0.00	48.34 2.99 0.00	50.46 3.24 0.00	53.49 3.36 0.00	51.77 2.81 0.00	44.44 2.24 0.00	40.50 2.06 0.00	40.14 2.09 0.00
NARROWS_GT1_2 24229	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.98 0.00	30.07 1.70 -1.04	28.05 1.46 -1.08	28.06 1.59 -0.07	31.45 1.81 -0.48	37.04 2.12 0.00	54.81 3.04 0.00	48.34 2.99 0.00	50.46 3.24 0.00	53.49 3.36 0.00	51.77 2.81 0.00	44.44 2.24 0.00	40.50 2.06 0.00	40.14 2.09 0.00
NARROWS_GT1_3 24230	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.98 0.00	30.07 1.70 -1.04	28.05 1.46 -1.08	28.06 1.59 -0.07	31.45 1.81 -0.48	37.04 2.12 0.00	54.81 3.04 0.00	48.34 2.99 0.00	50.46 3.24 0.00	53.49 3.36 0.00	51.77 2.81 0.00	44.44 2.24 0.00	40.50 2.06 0.00	40.14 2.09 0.00
NARROWS_GT1_4 24231	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.98 0.00	30.07 1.70 -1.04	28.05 1.46 -1.08	28.06 1.59 -0.07	31.45 1.81 -0.48	37.04 2.12 0.00	54.81 3.04 0.00	48.34 2.99 0.00	50.46 3.24 0.00	53.49 3.36 0.00	51.77 2.81 0.00	44.44 2.24 0.00	40.50 2.06 0.00	40.14 2.09 0.00
NARROWS_GT1_5 24232	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.98 0.00	30.07 1.70 -1.04	28.05 1.46 -1.08	28.06 1.59 -0.07	31.45 1.81 -0.48	37.04 2.12 0.00	54.81 3.04 0.00	48.34 2.99 0.00	50.46 3.24 0.00	53.49 3.36 0.00	51.77 2.81 0.00	44.44 2.24 0.00	40.50 2.06 0.00	40.14 2.09 0.00
NARROWS_GT1_6 24233	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.98 0.00	30.07 1.70 -1.04	28.05 1.46 -1.08	28.06 1.59 -0.07	31.45 1.81 -0.48	37.04 2.12 0.00	54.81 3.04 0.00	48.34 2.99 0.00	50.46 3.24 0.00	53.49 3.36 0.00	51.77 2.81 0.00	44.44 2.24 0.00	40.50 2.06 0.00	40.14 2.09 0.00
NARROWS_GT1_7 24234	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.98 0.00	30.07 1.70 -1.04	28.05 1.46 -1.08	28.06 1.59 -0.07	31.45 1.81 -0.48	37.04 2.12 0.00	54.81 3.04 0.00	48.34 2.99 0.00	50.46 3.24 0.00	53.49 3.36 0.00	51.77 2.81 0.00	44.44 2.24 0.00	40.50 2.06 0.00	40.14 2.09 0.00

NARROWS_GT1_8 24235	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.98 0.00	30.07 1.70 -1.04	28.05 1.46 -1.08	28.06 1.59 -0.07	31.45 1.81 -0.48	37.04 2.12 0.00	54.81 3.04 0.00	48.34 2.99 0.00	50.46 3.24 0.00	53.49 3.36 0.00	51.77 2.81 0.00	44.44 2.24 0.00	40.50 2.06 0.00	40.14 2.09 0.00
NARROWS_GT2_1 24236	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.98 0.00	30.07 1.70 -1.04	28.05 1.46 -1.08	28.06 1.59 -0.07	31.45 1.81 -0.48	37.04 2.12 0.00	54.81 3.04 0.00	48.34 2.99 0.00	50.46 3.24 0.00	53.49 3.36 0.00	51.77 2.81 0.00	44.44 2.24 0.00	40.50 2.06 0.00	40.14 2.09 0.00
NARROWS_GT2_2 24237	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.98 0.00	30.07 1.70 -1.04	28.05 1.46 -1.08	28.06 1.59 -0.07	31.45 1.81 -0.48	37.04 2.12 0.00	54.81 3.04 0.00	48.34 2.99 0.00	50.46 3.24 0.00	53.49 3.36 0.00	51.77 2.81 0.00	44.44 2.24 0.00	40.50 2.06 0.00	40.14 2.09 0.00
NARROWS_GT2_3 24238	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.98 0.00	30.07 1.70 -1.04	28.05 1.46 -1.08	28.06 1.59 -0.07	31.45 1.81 -0.48	37.04 2.12 0.00	54.81 3.04 0.00	48.34 2.99 0.00	50.46 3.24 0.00	53.49 3.36 0.00	51.77 2.81 0.00	44.44 2.24 0.00	40.50 2.06 0.00	40.14 2.09 0.00
NARROWS_GT2_4 24239	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.98 0.00	30.07 1.70 -1.04	28.05 1.46 -1.08	28.06 1.59 -0.07	31.45 1.81 -0.48	37.04 2.12 0.00	54.81 3.04 0.00	48.34 2.99 0.00	50.46 3.24 0.00	53.49 3.36 0.00	51.77 2.81 0.00	44.44 2.24 0.00	40.50 2.06 0.00	40.14 2.09 0.00
NARROWS_GT2_5 24240	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.98 0.00	30.07 1.70 -1.04	28.05 1.46 -1.08	28.06 1.59 -0.07	31.45 1.81 -0.48	37.04 2.12 0.00	54.81 3.04 0.00	48.34 2.99 0.00	50.46 3.24 0.00	53.49 3.36 0.00	51.77 2.81 0.00	44.44 2.24 0.00	40.50 2.06 0.00	40.14 2.09 0.00
NARROWS_GT2_6 24241	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.98 0.00	30.07 1.70 -1.04	28.05 1.46 -1.08	28.06 1.59 -0.07	31.45 1.81 -0.48	37.04 2.12 0.00	54.81 3.04 0.00	48.34 2.99 0.00	50.46 3.24 0.00	53.49 3.36 0.00	51.77 2.81 0.00	44.44 2.24 0.00	40.50 2.06 0.00	40.14 2.09 0.00
NARROWS_GT2_7 24242	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.98 0.00	30.07 1.70 -1.04	28.05 1.46 -1.08	28.06 1.59 -0.07	31.45 1.81 -0.48	37.04 2.12 0.00	54.81 3.04 0.00	48.34 2.99 0.00	50.46 3.24 0.00	53.49 3.36 0.00	51.77 2.81 0.00	44.44 2.24 0.00	40.50 2.06 0.00	40.14 2.09 0.00
NARROWS_GT2_8 24243	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.98 0.00	30.07 1.70 -1.04	28.05 1.46 -1.08	28.06 1.59 -0.07	31.45 1.81 -0.48	37.04 2.12 0.00	54.81 3.04 0.00	48.34 2.99 0.00	50.46 3.24 0.00	53.49 3.36 0.00	51.77 2.81 0.00	44.44 2.24 0.00	40.50 2.06 0.00	40.14 2.09 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.67 1.69 0.00	31.86 1.36 0.00	30.91 1.34 0.00	35.37 1.50 0.00	36.59 1.52 0.00	37.00 1.60 0.00	47.42 2.45 0.00	44.26 2.60 0.00	37.25 1.75 0.00	37.36 1.05 0.00	33.63 0.77 0.00	27.99 0.66 0.00	26.11 0.60 0.00	27.03 0.63 0.00	29.94 0.77 0.00	36.18 1.26 0.00	54.22 2.44 0.00	48.14 2.79 0.00	50.24 3.03 0.00	53.55 3.42 0.00	52.12 3.16 0.00	44.73 2.53 0.00	40.73 2.29 0.00	40.22 2.17 0.00
NCHELSEA_115KV_TR2 355582	40.76 1.78 0.00	31.86 1.35 0.00	30.82 1.25 0.00	35.28 1.41 0.00	36.66 1.59 0.00	37.08 1.68 0.00	47.58 2.61 0.00	44.35 2.68 0.00	37.70 2.19 0.00	38.10 1.79 0.00	34.48 1.62 0.00	28.70 1.37 0.00	26.73 1.22 0.00	27.68 1.28 0.00	30.68 1.51 0.00	36.73 1.81 0.00	54.60 2.83 0.00	48.34 2.99 0.00	50.46 3.24 0.00	53.41 3.28 0.00	51.82 2.86 0.00	44.38 2.19 0.00	40.41 1.97 0.00	40.02 1.97 0.00
NEG CAPITAL___MECHNVIL 23645	40.65 1.67 0.00	31.83 1.33 0.00	30.82 1.24 0.00	35.22 1.35 0.00	36.48 1.42 0.00	36.78 1.38 0.00	47.09 2.12 0.00	43.74 2.08 0.00	36.98 1.48 0.00	37.38 1.07 0.00	33.73 0.87 0.00	28.07 0.74 0.00	26.16 0.65 0.00	27.10 0.70 0.00	30.05 0.89 0.00	36.22 1.31 0.00	54.00 2.22 0.00	47.62 2.27 0.00	49.61 2.40 0.00	52.56 2.43 0.00	51.16 2.20 0.00	43.89 1.70 0.00	40.03 1.59 0.00	39.56 1.51 0.00
NEG CENTRAL_HIGH_ACRES 23767	36.42 -2.33 0.22	27.46 -1.90 1.14	26.67 -1.79 1.12	30.54 -1.97 1.37	32.28 -2.04 0.75	32.82 -2.00 0.58	41.23 -2.27 1.47	37.35 -2.28 2.04	33.39 -1.78 0.33	34.60 -1.72 0.00	31.28 -1.59 0.00	26.01 -1.32 0.00	24.34 -1.18 0.00	25.10 -1.30 0.00	27.55 -1.62 0.00	32.80 -2.12 0.00	48.83 -2.94 0.00	42.89 -2.47 0.00	44.80 -2.41 0.00	47.41 -2.72 0.00	45.89 -2.92 0.15	38.81 -2.96 0.43	35.62 -2.82 0.00	35.20 -2.85 0.00
NEG CENTRAL___DRP 24199	38.33 -0.65 0.00	29.91 -0.59 0.00	29.05 -0.52 0.00	33.28 -0.59 0.00	34.54 -0.52 0.00	34.95 -0.45 0.00	44.71 -0.25 0.00	41.39 -0.27 0.00	35.28 -0.22 0.00	35.98 -0.33 0.00	32.56 -0.30 0.00	27.01 -0.32 0.00	25.14 -0.37 0.00	25.91 -0.49 0.00	28.54 -0.63 0.00	34.10 -0.82 0.00	51.11 -0.66 0.00	45.06 -0.29 0.00	47.01 -0.21 0.00	49.77 -0.36 0.00	47.88 -0.83 0.25	40.45 -1.04 0.70	37.41 -1.04 0.00	37.03 -1.02 0.00
NEG CENTRAL___INDECK 23768	37.93 -1.20 -0.15	30.17 -1.09 -0.75	29.35 -0.95 -0.73	33.88 -0.89 -0.90	34.70 -0.87 -0.49	34.99 -0.80 -0.38	45.23 -0.68 -0.93	42.28 -0.52 -1.13	35.43 -0.36 -0.28	35.88 -0.43 0.00	32.37 -0.48 0.00	26.83 -0.50 0.00	25.13 -0.39 0.00	25.83 -0.57 0.00	28.20 -0.97 0.00	33.35 -1.56 0.00	50.30 -1.47 0.00	44.72 -0.63 0.00	46.82 -0.40 0.00	49.44 -0.69 0.00	47.03 -1.30 0.63	38.68 -1.76 1.76	36.78 -1.65 0.00	36.36 -1.69 0.00

NEG CENTRAL___SENECA 23627	38.38 -0.59 0.00	29.93 -0.57 0.00	29.08 -0.49 0.00	33.35 -0.52 0.00	34.61 -0.46 0.00	35.00 -0.40 0.00	44.88 -0.10 0.00	41.55 -0.11 0.00	35.46 -0.04 0.00	36.11 -0.20 0.00	32.72 -0.13 0.00	27.14 -0.19 0.00	25.25 -0.26 0.00	25.98 -0.42 0.00	28.60 -0.57 0.00	34.12 -0.80 0.00	51.29 -0.48 0.00	45.20 -0.15 0.00	47.19 -0.02 0.00	49.94 -0.20 0.00	47.76 -0.74 0.46	39.86 -1.06 1.27	37.43 -1.01 0.00	37.03 -1.02 0.00
NEG CENTRAL___STATE_STREET 24147	38.56 -0.42 0.00	30.11 -0.39 0.00	29.25 -0.33 0.00	33.42 -0.45 0.00	34.72 -0.35 0.00	35.17 -0.23 0.00	44.78 -0.19 0.00	41.54 -0.12 0.00	35.27 -0.23 0.00	36.11 -0.21 0.00	32.59 -0.27 0.00	27.06 -0.27 0.00	25.21 -0.30 0.00	26.04 -0.36 0.00	28.73 -0.44 0.00	34.38 -0.54 0.00	51.32 -0.45 0.00	45.30 -0.05 0.00	47.20 -0.01 0.00	50.03 -0.10 0.00	48.42 -0.63 -0.08	41.76 -0.67 -0.23	37.65 -0.79 0.00	37.34 -0.71 0.00
NEG MILLWOOD___DRP 24198	40.89 1.92 0.00	31.96 1.46 0.00	30.92 1.35 0.00	35.40 1.53 0.00	36.78 1.72 0.00	37.22 1.82 0.00	47.78 2.81 0.00	44.55 2.88 0.00	37.85 2.34 0.00	38.26 1.95 0.00	34.62 1.76 0.00	28.83 1.50 0.00	26.85 1.34 0.00	27.80 1.40 0.00	30.81 1.64 0.00	36.87 1.95 0.00	54.83 3.06 0.00	48.55 3.20 0.00	50.69 3.48 0.00	53.65 3.52 0.00	52.05 3.09 0.00	44.56 2.36 0.00	40.57 2.13 0.00	40.18 2.13 0.00
NEG NORTH_FLCN_SEA 23793	41.55 2.57 0.00	32.42 1.92 0.00	31.45 1.88 0.00	36.03 2.16 0.00	37.23 2.17 0.00	37.26 1.86 0.00	46.98 2.01 0.00	43.04 1.38 0.00	36.64 1.14 0.00	37.89 1.58 0.00	34.09 1.24 0.00	28.27 0.94 0.00	26.30 0.79 0.00	27.32 0.92 0.00	30.28 1.11 0.00	36.26 1.34 0.00	54.02 2.25 0.00	46.74 1.38 0.00	48.68 1.47 0.00	51.72 1.59 0.00	50.73 1.76 0.00	43.65 1.45 0.00	39.83 1.38 0.00	39.37 1.32 0.00
NEG NORTH_KES_CHATEGAY 23792	41.08 2.10 0.00	32.10 1.60 0.00	31.13 1.56 0.00	35.65 1.78 0.00	36.88 1.81 0.00	37.04 1.64 0.00	46.66 1.69 0.00	42.91 1.24 0.00	36.59 1.09 0.00	37.81 1.49 0.00	34.05 1.19 0.00	28.24 0.91 0.00	26.32 0.81 0.00	27.29 0.89 0.00	30.17 1.01 0.00	36.12 1.20 0.00	53.71 1.94 0.00	46.52 1.16 0.00	48.45 1.24 0.00	51.49 1.36 0.00	50.59 1.63 0.00	43.58 1.38 0.00	39.66 1.22 0.00	39.22 1.17 0.00
NEG NORTH___ALICE_FALLS 23915	41.65 2.68 0.00	32.52 2.02 0.00	31.55 1.97 0.00	36.13 2.27 0.00	37.37 2.30 0.00	37.49 2.09 0.00	47.29 2.32 0.00	43.45 1.79 0.00	37.01 1.50 0.00	38.19 1.88 0.00	34.36 1.50 0.00	28.48 1.15 0.00	26.50 0.98 0.00	27.49 1.09 0.00	30.44 1.27 0.00	36.47 1.55 0.00	54.36 2.59 0.00	47.09 1.74 0.00	49.08 1.87 0.00	52.16 2.03 0.00	51.16 2.20 0.00	44.00 1.80 0.00	40.09 1.65 0.00	39.62 1.58 0.00
NEG NORTH___LWR_SARANAC 23913	41.65 2.68 0.00	32.52 2.02 0.00	31.55 1.97 0.00	36.13 2.27 0.00	37.37 2.30 0.00	37.49 2.09 0.00	47.29 2.32 0.00	43.45 1.79 0.00	37.01 1.50 0.00	38.19 1.88 0.00	34.36 1.50 0.00	28.48 1.15 0.00	26.50 0.98 0.00	27.49 1.09 0.00	30.44 1.27 0.00	36.47 1.55 0.00	54.36 2.59 0.00	47.09 1.74 0.00	49.08 1.87 0.00	52.16 2.03 0.00	51.16 2.20 0.00	44.00 1.80 0.00	40.09 1.65 0.00	39.62 1.58 0.00
NEG NORTH___PLATTSBURG 23628	41.65 2.68 0.00	32.52 2.02 0.00	31.55 1.97 0.00	36.14 2.27 0.00	37.37 2.30 0.00	37.49 2.09 0.00	47.29 2.32 0.00	43.46 1.80 0.00	37.01 1.50 0.00	38.19 1.88 0.00	34.36 1.50 0.00	28.48 1.15 0.00	26.50 0.98 0.00	27.49 1.09 0.00	30.44 1.27 0.00	36.47 1.55 0.00	54.36 2.59 0.00	47.09 1.74 0.00	49.08 1.87 0.00	52.16 2.03 0.00	51.16 2.20 0.00	44.00 1.80 0.00	40.10 1.65 0.00	39.62 1.58 0.00
NEG WEST_LEA_LOCKPORT 23791	35.64 -3.33 0.00	27.83 -2.67 0.00	27.11 -2.47 0.00	31.27 -2.60 0.00	32.22 -2.85 0.00	32.48 -2.92 0.00	41.30 -3.68 0.00	37.95 -3.71 0.00	32.65 -2.85 0.00	33.71 -2.60 0.00	30.55 -2.31 0.00	25.40 -1.93 0.00	23.94 -1.58 0.00	24.70 -1.70 0.00	26.95 -2.22 0.00	31.84 -3.08 0.00	47.04 -4.73 0.00	41.14 -4.21 0.00	43.09 -4.13 0.00	45.50 -4.63 0.00	43.89 -4.81 0.27	36.72 -4.72 0.75	34.04 -4.40 0.00	33.70 -4.35 0.00
NEG WEST___LANCASTR 23811	36.72 -2.25 0.00	28.63 -1.87 0.00	27.91 -1.66 0.00	32.16 -1.71 0.00	33.20 -1.87 0.00	33.46 -1.94 0.00	42.69 -2.28 0.00	39.49 -2.17 0.00	33.78 -1.72 0.00	34.66 -1.65 0.00	31.45 -1.41 0.00	26.17 -1.16 0.00	24.69 -0.83 0.00	25.49 -0.91 0.00	27.94 -1.23 0.00	33.02 -1.89 0.00	48.95 -2.82 0.00	42.62 -2.73 0.00	44.54 -2.67 0.00	47.11 -3.03 0.00	45.22 -3.39 0.35	37.73 -3.48 0.99	35.24 -3.20 0.00	34.96 -3.09 0.00
NEG_PENN_ALLEGHNY 23528	38.86 -0.34 -0.22	31.27 -0.39 -1.16	30.39 -0.32 -1.14	34.98 -0.28 -1.39	35.58 -0.25 -0.76	35.76 -0.23 -0.59	46.47 0.05 -1.45	43.54 0.03 -1.85	35.80 0.10 -0.19	36.24 -0.07 0.00	32.79 -0.07 0.00	27.21 -0.12 0.00	25.40 -0.11 0.00	26.23 -0.16 0.00	28.98 -0.19 0.00	34.63 -0.29 0.00	51.79 0.02 0.00	45.52 0.17 0.00	47.48 0.26 0.00	50.32 0.19 0.00	48.70 -0.26 0.00	41.75 -0.45 0.00	38.05 -0.40 0.00	37.69 -0.36 0.00
NEG___GEN_MONROE 24207	37.16 -1.82 0.00	28.98 -1.52 0.00	28.18 -1.39 0.00	32.39 -1.48 0.00	33.52 -1.55 0.00	33.90 -1.50 0.00	43.28 -1.69 0.00	39.92 -1.74 0.00	34.26 -1.24 0.00	35.23 -1.08 0.00	31.88 -0.97 0.00	26.50 -0.83 0.00	24.87 -0.65 0.00	25.62 -0.78 0.00	28.02 -1.15 0.00	33.23 -1.69 0.00	49.41 -2.36 0.00	43.42 -1.93 0.00	45.44 -1.77 0.00	48.03 -2.10 0.00	46.43 -2.33 0.20	39.08 -2.55 0.57	35.98 -2.46 0.00	35.57 -2.48 0.00
NEPA___ENERGY 23901	36.48 -2.50 0.00	28.25 -2.25 0.00	27.58 -2.00 0.00	31.83 -2.04 0.00	32.98 -2.09 0.00	33.21 -2.19 0.00	42.54 -2.43 0.00	39.19 -2.48 0.00	33.58 -1.92 0.00	34.45 -1.86 0.00	31.31 -1.54 0.00	26.02 -1.31 0.00	24.48 -1.03 0.00	25.27 -1.13 0.00	27.76 -1.41 0.00	32.81 -2.11 0.00	49.02 -2.75 0.00	42.61 -2.74 0.00	44.62 -2.60 0.00	47.16 -2.97 0.00	44.88 -3.72 0.36	37.53 -3.67 1.00	35.14 -3.30 0.00	34.87 -3.17 0.00
NEVERSINK___HYD 23608	40.19 1.21 0.00	31.41 0.91 0.00	30.40 0.83 0.00	34.82 0.95 0.00	36.19 1.12 0.00	36.66 1.26 0.00	47.12 2.15 0.00	43.87 2.21 0.00	37.26 1.76 0.00	37.56 1.25 0.00	33.87 1.01 0.00	27.98 0.65 0.00	25.38 -0.13 0.00	26.28 -0.12 0.00	29.14 -0.03 0.00	34.95 0.03 0.00	52.21 0.44 0.00	46.43 1.08 0.00	48.49 1.27 0.00	51.49 1.36 0.00	51.26 2.30 0.00	43.84 1.64 0.00	39.86 1.42 0.00	39.46 1.41 0.00
NEWKRMKL_115KV_TB1 55635	39.48 0.50 0.00	30.93 0.43 0.00	29.99 0.42 0.00	34.29 0.42 0.00	35.51 0.44 0.00	35.86 0.46 0.00	45.87 0.89 0.00	42.68 1.02 0.00	36.09 0.59 0.00	36.54 0.22 0.00	33.07 0.21 0.00	27.59 0.26 0.00	25.72 0.20 0.00	26.63 0.23 0.00	29.48 0.31 0.00	35.43 0.51 0.00	52.55 0.78 0.00	46.34 0.99 0.00	48.28 1.06 0.00	51.50 1.37 0.00	50.24 1.27 0.00	43.14 0.94 0.00	39.35 0.91 0.00	38.93 0.88 0.00

NEWTON___FALLS_HYD 23847	39.08 0.10 0.00	30.60 0.10 0.00	29.69 0.12 0.00	34.00 0.13 0.00	35.11 0.04 0.00	35.20 -0.20 0.00	44.50 -0.47 0.00	41.16 -0.50 0.00	35.12 -0.39 0.00	35.80 -0.51 0.00	32.14 -0.72 0.00	26.74 -0.59 0.00	25.11 -0.40 0.00	25.95 -0.45 0.00	28.58 -0.59 0.00	34.23 -0.69 0.00	51.24 -0.53 0.00	44.84 -0.51 0.00	46.67 -0.54 0.00	49.66 -0.48 0.00	48.81 -0.16 0.00	42.20 0.00 0.00	38.53 0.10 0.00	38.21 0.16 0.00
NGRID_A1_DSASP 323792	34.24 -4.07 0.67	23.97 -3.09 3.44	23.37 -2.83 3.37	26.65 -3.09 4.13	29.43 -3.38 2.26	30.19 -3.45 1.76	36.18 -4.41 4.38	31.55 -4.23 5.88	30.98 -3.52 1.00	33.01 -3.31 0.00	29.76 -3.09 0.00	24.75 -2.58 0.00	23.33 -2.19 0.00	24.10 -2.30 0.00	26.33 -2.84 0.00	31.11 -3.81 0.00	45.86 -5.91 0.00	40.06 -5.30 0.00	41.93 -5.29 0.00	44.28 -5.85 0.00	42.77 -5.92 0.27	35.77 -5.66 0.77	33.25 -5.19 0.00	32.92 -5.13 0.00
NGRID_A2_DSASP 323793	34.24 -4.07 0.67	23.97 -3.09 3.44	23.37 -2.83 3.37	26.65 -3.09 4.13	29.43 -3.38 2.26	30.19 -3.45 1.76	36.18 -4.41 4.38	31.55 -4.23 5.88	30.98 -3.52 1.00	33.01 -3.31 0.00	29.76 -3.09 0.00	24.75 -2.58 0.00	23.33 -2.19 0.00	24.10 -2.30 0.00	26.33 -2.84 0.00	31.11 -3.81 0.00	45.86 -5.91 0.00	40.06 -5.30 0.00	41.93 -5.29 0.00	44.28 -5.85 0.00	42.77 -5.92 0.27	35.77 -5.66 0.77	33.25 -5.19 0.00	32.92 -5.13 0.00
NGRID_A4_DSASP 323807	34.24 -4.07 0.67	23.97 -3.09 3.44	23.37 -2.83 3.37	26.65 -3.09 4.13	29.43 -3.38 2.26	30.19 -3.45 1.76	36.18 -4.41 4.38	31.55 -4.23 5.88	30.98 -3.52 1.00	33.01 -3.31 0.00	29.76 -3.09 0.00	24.75 -2.58 0.00	23.33 -2.19 0.00	24.10 -2.30 0.00	26.33 -2.84 0.00	31.11 -3.81 0.00	45.86 -5.91 0.00	40.06 -5.30 0.00	41.93 -5.29 0.00	44.28 -5.85 0.00	42.77 -5.92 0.27	35.77 -5.66 0.77	33.25 -5.19 0.00	32.92 -5.13 0.00
NIAGARA_115E_LBMP 323715	34.39 -3.92 0.66	24.04 -3.05 3.41	23.39 -2.84 3.34	26.75 -3.03 4.09	29.47 -3.36 2.24	30.20 -3.46 1.74	36.17 -4.46 4.34	31.35 -4.49 5.82	30.95 -3.57 0.99	32.97 -3.35 0.00	29.86 -2.99 0.00	24.85 -2.48 0.00	23.43 -2.09 0.00	24.18 -2.22 0.00	26.40 -2.77 0.00	31.18 -3.74 0.00	46.01 -5.76 0.00	40.25 -5.11 0.00	42.13 -5.08 0.00	44.50 -5.63 0.00	42.92 -5.76 0.28	35.91 -5.50 0.78	33.38 -5.06 0.00	33.05 -5.00 0.00
NIAGARA_115W_LBMP 323714	34.16 -4.15 0.67	23.93 -3.14 3.43	23.34 -2.87 3.37	26.61 -3.14 4.12	29.38 -3.43 2.26	30.13 -3.51 1.76	36.11 -4.48 4.38	31.49 -4.30 5.87	30.90 -3.60 1.00	32.91 -3.41 0.00	29.70 -3.17 0.00	24.69 -2.64 0.00	23.27 -2.24 0.00	24.03 -2.37 0.00	26.26 -2.91 0.00	31.03 -3.89 0.00	45.73 -6.04 0.00	39.94 -5.41 0.00	41.81 -5.40 0.00	44.16 -5.97 0.00	42.65 -6.04 0.27	35.67 -5.76 0.77	33.17 -5.27 0.00	32.84 -5.21 0.00
NIAGARA_230_LBMP 323716	34.64 -3.68 0.66	24.17 -2.94 3.38	23.54 -2.72 3.32	26.84 -2.97 4.06	29.65 -3.19 2.22	30.42 -3.25 1.73	36.54 -4.12 4.31	31.84 -4.04 5.79	31.38 -3.15 0.98	33.42 -2.90 0.00	30.21 -2.65 0.00	25.13 -2.20 0.00	23.68 -1.84 0.00	24.45 -1.95 0.00	26.72 -2.44 0.00	31.60 -3.32 0.00	46.63 -5.14 0.00	40.69 -4.66 0.00	42.59 -4.63 0.00	45.01 -5.12 0.00	43.44 -5.25 0.27	36.36 -5.09 0.75	33.75 -4.69 0.00	33.42 -4.63 0.00
NIAGARA___115KV_198_GIBSON 55903	34.83 -4.15 0.00	27.34 -3.16 0.00	26.67 -2.90 0.00	30.71 -3.16 0.00	31.64 -3.43 0.00	31.89 -3.51 0.00	40.47 -4.50 0.00	37.30 -4.36 0.00	31.91 -3.59 0.00	32.90 -3.41 0.00	29.71 -3.14 0.00	24.70 -2.63 0.00	23.28 -2.24 0.00	24.03 -2.37 0.00	26.25 -2.92 0.00	31.03 -3.89 0.00	45.73 -6.04 0.00	39.94 -5.41 0.00	41.82 -5.39 0.00	44.16 -5.97 0.00	42.66 -6.03 0.27	35.67 -5.76 0.77	33.14 -5.29 0.00	32.84 -5.21 0.00
NIAGARA____ 23760	34.64 -3.68 0.66	24.16 -2.94 3.40	23.53 -2.72 3.33	26.83 -2.97 4.07	29.65 -3.19 2.23	30.41 -3.25 1.74	36.53 -4.12 4.32	31.82 -4.04 5.81	31.37 -3.15 0.98	33.42 -2.90 0.00	30.21 -2.65 0.00	25.13 -2.20 0.00	23.68 -1.84 0.00	24.45 -1.95 0.00	26.72 -2.44 0.00	31.60 -3.32 0.00	46.63 -5.14 0.00	40.69 -4.66 0.00	42.59 -4.63 0.00	45.01 -5.12 0.00	43.44 -5.25 0.27	36.35 -5.09 0.76	33.75 -4.69 0.00	33.42 -4.63 0.00
NINE_MILE_1 23575	37.27 -1.71 0.00	29.14 -1.36 0.00	28.27 -1.30 0.00	32.38 -1.49 0.00	33.54 -1.52 0.00	33.89 -1.51 0.00	43.18 -1.79 0.00	39.88 -1.78 0.00	33.99 -1.52 0.00	34.71 -1.60 0.00	31.37 -1.49 0.00	26.07 -1.26 0.00	24.36 -1.16 0.00	25.18 -1.22 0.00	27.78 -1.39 0.00	33.23 -1.69 0.00	49.42 -2.35 0.00	43.43 -1.92 0.00	45.27 -1.95 0.00	48.00 -2.14 0.00	46.72 -2.24 0.00	40.07 -2.07 0.05	36.52 -1.92 0.01	36.13 -1.91 0.00
NINE_MILE_2 23744	37.27 -1.71 0.00	29.14 -1.36 0.00	28.27 -1.30 0.00	32.38 -1.49 0.00	33.55 -1.52 0.00	33.89 -1.51 0.00	43.18 -1.79 0.00	39.88 -1.78 0.00	33.99 -1.51 0.00	34.71 -1.60 0.00	31.37 -1.49 0.00	26.08 -1.25 0.00	24.36 -1.15 0.00	25.19 -1.21 0.00	27.78 -1.39 0.00	33.24 -1.68 0.00	49.43 -2.34 0.00	43.43 -1.92 0.00	45.27 -1.95 0.00	48.00 -2.13 0.00	46.72 -2.24 0.00	40.08 -2.06 0.05	36.52 -1.92 0.01	36.14 -1.91 0.00
NM_CAPITAL___DRP 24208	39.61 0.63 0.00	31.04 0.54 0.00	30.09 0.52 0.00	34.41 0.54 0.00	35.63 0.56 0.00	35.97 0.57 0.00	46.00 1.03 0.00	42.79 1.13 0.00	36.18 0.68 0.00	36.63 0.32 0.00	33.17 0.31 0.00	27.66 0.33 0.00	25.79 0.27 0.00	26.71 0.31 0.00	29.57 0.40 0.00	35.54 0.62 0.00	52.66 0.89 0.00	46.44 1.08 0.00	48.37 1.16 0.00	51.54 1.41 0.00	50.26 1.29 0.00	43.18 0.98 0.00	39.42 0.97 0.00	39.00 0.95 0.00
NM_CENTRAL___DRP 24181	37.87 -1.10 0.00	29.58 -0.92 0.00	28.70 -0.87 0.00	32.91 -0.96 0.00	34.09 -0.98 0.00	34.46 -0.94 0.00	44.02 -0.95 0.00	40.59 -1.08 0.00	34.60 -0.90 0.00	35.28 -1.03 0.00	31.86 -1.00 0.00	26.47 -0.86 0.00	24.73 -0.79 0.00	25.56 -0.84 0.00	28.19 -0.98 0.00	33.73 -1.19 0.00	50.26 -1.51 0.00	44.22 -1.13 0.00	46.14 -1.08 0.00	48.89 -1.25 0.00	47.49 -1.47 0.00	40.73 -1.46 0.01	37.06 -1.38 0.00	36.64 -1.41 0.00
NM_FRONTIER___DRP 24179	34.83 -4.15 0.00	27.34 -3.16 0.00	26.67 -2.90 0.00	30.71 -3.16 0.00	31.64 -3.43 0.00	31.89 -3.51 0.00	40.47 -4.50 0.00	37.30 -4.36 0.00	31.91 -3.59 0.00	32.90 -3.41 0.00	29.71 -3.14 0.00	24.70 -2.63 0.00	23.28 -2.24 0.00	24.03 -2.37 0.00	26.25 -2.92 0.00	31.03 -3.89 0.00	45.73 -6.04 0.00	39.94 -5.41 0.00	41.82 -5.39 0.00	44.16 -5.97 0.00	42.66 -6.03 0.27	35.67 -5.76 0.77	33.14 -5.29 0.00	32.84 -5.21 0.00
NM_ST_REGIS___HYD 24053	39.96 0.99 0.00	31.36 0.86 0.00	30.46 0.88 0.00	34.90 1.03 0.00	35.95 0.88 0.00	36.07 0.68 0.00	45.27 0.30 0.00	41.75 0.09 0.00	35.66 0.16 0.00	36.76 0.44 0.00	33.13 0.27 0.00	27.52 0.19 0.00	25.73 0.21 0.00	26.64 0.24 0.00	29.37 0.20 0.00	35.16 0.24 0.00	52.18 0.41 0.00	45.29 -0.07 0.00	47.07 -0.14 0.00	50.10 -0.03 0.00	49.41 0.45 0.00	42.75 0.56 0.00	39.05 0.60 0.00	38.71 0.66 0.00

NORTHPORT___1 23551	41.47 2.50 0.00	32.48 1.98 0.00	31.73 1.84 -0.31	35.91 2.03 0.00	37.26 2.19 0.00	37.60 2.20 0.00	48.06 3.09 0.00	44.91 3.25 0.00	38.25 2.75 0.00	38.68 2.37 0.00	35.11 2.25 0.00	29.19 1.86 0.00	27.24 1.72 0.00	28.20 1.80 0.00	33.08 2.14 -1.76	70.97 2.55 -33.50	55.64 3.87 0.00	58.05 3.93 -8.77	55.14 4.25 -3.68	54.84 4.38 -0.33	67.44 3.93 -14.55	45.78 2.96 -0.62	45.81 2.67 -4.70	40.72 2.67 0.00
NORTHPORT___2 23552	41.53 2.56 0.00	32.54 2.04 0.00	31.78 1.90 -0.31	35.96 2.09 0.00	37.30 2.23 0.00	37.63 2.23 0.00	48.07 3.10 0.00	44.94 3.28 0.00	38.27 2.77 0.00	38.70 2.38 0.00	35.12 2.25 0.00	29.20 1.87 0.00	27.27 1.75 0.00	28.23 1.83 0.00	33.10 2.16 -1.76	70.98 2.56 -33.50	55.65 3.87 0.00	58.07 3.95 -8.77	55.13 4.23 -3.68	54.83 4.37 -0.33	67.45 3.94 -14.55	45.78 2.96 -0.62	45.81 2.67 -4.70	40.76 2.71 0.00
NORTHPORT___3 23553	41.15 2.17 0.00	32.23 1.73 0.00	31.47 1.59 -0.31	35.58 1.71 0.00	36.88 1.81 0.00	37.19 1.78 0.00	47.50 2.53 0.00	44.39 2.73 0.00	37.79 2.29 0.00	38.29 1.98 0.00	34.84 1.98 0.00	28.99 1.66 0.00	27.04 1.53 0.00	28.01 1.61 0.00	32.85 1.92 -1.76	70.67 2.25 -33.50	55.06 3.29 0.00	57.55 3.42 -8.77	54.58 3.68 -3.68	54.24 3.77 -0.33	66.83 3.32 -14.55	45.31 2.49 -0.62	45.46 2.32 -4.70	40.37 2.32 0.00
NORTHPORT___4 23650	41.15 2.17 0.00	32.23 1.73 0.00	31.47 1.59 -0.31	35.58 1.71 0.00	36.88 1.81 0.00	37.19 1.78 0.00	47.50 2.53 0.00	44.39 2.73 0.00	37.79 2.29 0.00	38.29 1.98 0.00	34.84 1.98 0.00	28.99 1.66 0.00	27.04 1.53 0.00	28.01 1.61 0.00	32.85 1.92 -1.76	70.67 2.25 -33.50	55.06 3.29 0.00	57.55 3.42 -8.77	54.58 3.68 -3.68	54.24 3.77 -0.33	66.83 3.32 -14.55	45.31 2.49 -0.62	45.46 2.32 -4.70	40.37 2.32 0.00
NORTHPORT___IC 23718	41.53 2.56 0.00	32.54 2.04 0.00	31.78 1.90 -0.31	35.96 2.09 0.00	37.30 2.23 0.00	37.63 2.23 0.00	48.07 3.10 0.00	44.94 3.28 0.00	38.27 2.77 0.00	38.70 2.38 0.00	35.12 2.25 0.00	29.20 1.87 0.00	27.27 1.75 0.00	28.23 1.83 0.00	33.10 2.16 -1.76	70.98 2.56 -33.50	55.65 3.87 0.00	58.07 3.95 -8.77	55.13 4.23 -3.68	54.83 4.37 -0.33	67.45 3.94 -14.55	45.78 2.96 -0.62	45.81 2.67 -4.70	40.76 2.71 0.00
NORTH___COUNTRY_ESR 323785	40.92 1.95 0.00	31.98 1.48 0.00	31.03 1.46 0.00	35.53 1.66 0.00	36.74 1.67 0.00	36.91 1.51 0.00	46.47 1.50 0.00	42.72 1.06 0.00	36.44 0.94 0.00	37.69 1.37 0.00	33.97 1.11 0.00	28.18 0.86 0.00	26.27 0.76 0.00	27.23 0.83 0.00	30.11 0.94 0.00	36.05 1.13 0.00	53.54 1.77 0.00	46.34 0.99 0.00	48.23 1.02 0.00	51.27 1.14 0.00	50.39 1.43 0.00	43.40 1.20 0.00	39.51 1.07 0.00	39.07 1.02 0.00
NPX_GEN_1385_PROXY 323591	42.42 3.44 0.00	33.41 2.91 0.00	32.55 2.66 -0.31	36.90 3.03 0.00	38.31 3.24 0.00	42.78 3.17 -4.22	51.05 4.14 -1.95	49.03 4.47 -2.90	39.28 3.78 0.00	39.55 3.24 0.00	35.29 2.43 0.00	29.25 1.92 0.00	27.56 2.05 0.00	28.50 2.10 0.00	33.30 2.37 -1.76	71.12 2.70 -33.50	56.37 4.60 0.00	59.03 4.91 -8.77	55.79 4.90 -3.68	55.63 5.17 -0.33	68.37 4.86 -14.55	46.40 3.58 -0.62	46.22 3.08 -4.70	41.46 3.41 0.00
NPX_GEN_CSC 323557	41.83 2.86 0.00	32.62 2.12 0.00	32.05 2.16 -0.31	36.27 2.40 0.00	37.64 2.57 0.00	42.17 2.56 -4.22	50.53 3.61 -1.95	45.32 3.65 0.00	38.84 3.34 0.00	39.12 2.81 0.00	35.46 2.60 0.00	29.31 1.98 0.00	27.30 1.78 0.00	28.30 1.90 0.00	33.32 2.39 -1.76	71.34 2.93 -33.50	56.48 4.71 0.00	59.05 4.93 -8.77	55.97 5.07 -3.68	55.63 5.17 -0.33	68.16 4.65 -14.55	46.14 3.33 -0.62	46.06 2.92 -4.70	40.88 2.83 0.00
NSINS_S_GLNS_FALLS 23858	40.90 1.93 0.00	31.97 1.47 0.00	30.94 1.36 0.00	35.22 1.35 0.00	36.49 1.42 0.00	36.57 1.17 0.00	46.80 1.83 0.00	43.46 1.79 0.00	36.67 1.17 0.00	37.02 0.71 0.00	33.36 0.50 0.00	27.73 0.40 0.00	25.83 0.31 0.00	26.79 0.39 0.00	29.73 0.56 0.00	35.90 0.99 0.00	53.63 1.86 0.00	47.26 1.90 0.00	49.19 1.98 0.00	52.05 1.92 0.00	50.69 1.73 0.00	43.50 1.30 0.00	39.71 1.27 0.00	39.19 1.14 0.00
NUCOR_STEEL___DRP 24197	38.52 -0.46 0.00	30.07 -0.43 0.00	29.22 -0.35 0.00	33.37 -0.50 0.00	34.68 -0.39 0.00	35.13 -0.27 0.00	44.71 -0.26 0.00	41.48 -0.19 0.00	35.20 -0.31 0.00	36.02 -0.29 0.00	32.53 -0.32 0.00	27.02 -0.31 0.00	25.19 -0.33 0.00	26.02 -0.38 0.00	28.72 -0.45 0.00	34.36 -0.56 0.00	51.26 -0.51 0.00	45.24 -0.11 0.00	47.13 -0.08 0.00	49.96 -0.17 0.00	48.37 -0.70 -0.11	41.78 -0.70 -0.29	37.60 -0.84 0.00	37.30 -0.75 0.00
NUMBER_THREE_WT_PWR 323818	39.37 0.40 0.00	30.75 0.25 0.00	29.77 0.20 0.00	34.07 0.21 0.00	35.32 0.25 0.00	35.41 0.01 0.00	45.11 0.14 0.00	41.90 0.24 0.00	35.70 0.20 0.00	36.07 -0.25 0.00	32.25 -0.61 0.00	26.86 -0.47 0.00	25.17 -0.34 0.00	25.98 -0.42 0.00	28.62 -0.55 0.00	34.27 -0.65 0.00	51.71 -0.06 0.00	45.46 0.11 0.00	47.41 0.19 0.00	50.40 0.27 0.00	49.38 0.42 0.00	42.61 0.42 0.00	38.87 0.43 0.00	38.52 0.48 0.00
NYISO_LBMP_REFERENCE 24008	38.98 0.00 0.00	30.50 0.00 0.00	29.57 0.00 0.00	33.87 0.00 0.00	35.07 0.00 0.00	35.40 0.00 0.00	44.97 0.00 0.00	41.66 0.00 0.00	35.50 0.00 0.00	36.31 0.00 0.00	32.86 0.00 0.00	27.33 0.00 0.00	25.51 0.00 0.00	26.40 0.00 0.00	29.17 0.00 0.00	34.92 0.00 0.00	51.77 0.00 0.00	45.35 0.00 0.00	47.21 0.00 0.00	50.13 0.00 0.00	48.96 0.00 0.00	42.20 0.00 0.00	38.44 0.00 0.00	38.05 0.00 0.00
NYPA_BRENTWD___GT 24164	41.87 2.89 0.00	32.75 2.25 0.00	32.01 2.13 -0.31	36.22 2.35 0.00	37.60 2.54 0.00	37.98 2.58 0.00	48.62 3.64 0.00	45.43 3.76 0.00	38.70 3.20 0.00	39.09 2.78 0.00	35.46 2.61 0.00	29.45 2.12 0.00	27.47 1.96 0.00	28.44 2.05 0.00	33.37 2.43 -1.76	71.36 2.94 -33.50	56.31 4.54 0.00	58.55 4.42 -8.77	55.51 4.62 -3.68	55.35 4.89 -0.33	67.93 4.42 -14.55	46.26 3.44 -0.62	46.22 3.08 -4.70	41.09 3.03 0.00
NYPA_GOWANUS___GT5 24156	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.98 0.00	30.07 1.70 -1.04	28.05 1.46 -1.08	28.06 1.59 -0.07	31.45 1.81 -0.48	37.04 2.12 0.00	54.81 3.04 0.00	48.33 2.98 0.00	50.44 3.23 0.00	53.48 3.35 0.00	51.77 2.81 0.00	44.44 2.24 0.00	40.50 2.06 0.00	40.14 2.09 0.00
NYPA_GOWANUS___GT6 24157	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.22 1.35 0.00	36.62 1.55 0.00	37.10 1.70 0.00	47.51 2.54 0.00	44.35 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.98 0.00	30.07 1.70 -1.04	28.05 1.46 -1.08	28.06 1.59 -0.07	31.45 1.81 -0.48	37.04 2.12 0.00	54.81 3.04 0.00	48.33 2.98 0.00	50.44 3.23 0.00	53.48 3.35 0.00	51.77 2.81 0.00	44.44 2.24 0.00	40.50 2.06 0.00	40.14 2.09 0.00

NYPA_HARLEM__RVR__GT1 24160	40.63 1.65 0.00	31.72 1.21 0.00	30.59 1.02 0.00	34.98 1.11 0.00	36.41 1.34 0.00	36.87 1.47 0.00	47.32 2.35 0.00	44.11 2.44 0.00	37.65 2.15 0.00	38.14 1.83 0.00	34.62 1.76 0.00	29.79 1.43 -1.03	27.73 1.15 -1.07	27.85 1.38 -0.07	31.21 1.57 -0.47	36.82 1.90 0.00	54.51 2.74 0.00	48.23 2.88 0.00	50.29 3.07 0.00	53.31 3.18 0.00	51.59 2.62 0.00	44.22 2.02 0.00	40.26 1.82 0.00	39.84 1.80 0.00
NYPA_HARLEM__RVR__GT2 24161	40.63 1.65 0.00	31.72 1.21 0.00	30.59 1.02 0.00	34.98 1.11 0.00	36.41 1.34 0.00	36.87 1.47 0.00	47.32 2.35 0.00	44.11 2.44 0.00	37.65 2.15 0.00	38.14 1.83 0.00	34.62 1.76 0.00	29.79 1.43 -1.03	27.73 1.15 -1.07	27.85 1.38 -0.07	31.21 1.57 -0.47	36.82 1.90 0.00	54.51 2.74 0.00	48.23 2.88 0.00	50.29 3.07 0.00	53.31 3.18 0.00	51.59 2.62 0.00	44.22 2.02 0.00	40.26 1.82 0.00	39.84 1.80 0.00
NYPA_KENT____GT 24152	40.75 1.78 0.00	31.84 1.34 0.00	30.74 1.17 0.00	35.16 1.29 0.00	36.56 1.49 0.00	37.03 1.63 0.00	47.47 2.50 0.00	44.30 2.63 0.00	37.78 2.28 0.00	38.36 2.05 0.00	34.79 1.93 0.00	30.05 1.68 -1.04	28.06 1.47 -1.08	28.04 1.57 -0.07	31.42 1.77 -0.48	37.00 2.08 0.00	54.76 2.99 0.00	48.32 2.97 0.00	50.43 3.21 0.00	53.42 3.29 0.00	51.71 2.75 0.00	44.39 2.20 0.00	40.44 2.00 0.00	40.08 2.03 0.00
NYPA_POUCH1____GT 24155	40.72 1.74 0.00	31.81 1.32 0.00	30.72 1.15 0.00	35.14 1.27 0.00	36.54 1.47 0.00	37.02 1.62 0.00	42.55 2.36 4.79	39.47 2.50 4.69	36.29 2.18 1.40	38.28 1.97 0.00	34.71 1.85 0.00	29.95 1.58 -1.04	27.93 1.35 -1.08	27.94 1.47 -0.07	31.32 1.67 -0.48	36.89 1.97 0.00	50.39 2.79 4.17	39.35 2.75 8.75	43.60 2.99 6.61	53.27 3.14 0.00	46.49 2.56 5.02	44.16 2.05 0.08	40.37 1.93 0.00	40.05 2.00 0.00
NYPA_VERNON____GT2 24162	40.69 1.71 0.00	31.79 1.29 0.00	30.69 1.11 0.00	35.10 1.23 0.00	36.50 1.43 0.00	36.97 1.57 0.00	47.43 2.46 0.00	44.26 2.59 0.00	37.73 2.22 0.00	38.30 1.98 0.00	34.74 1.88 0.00	30.04 1.67 -1.04	28.06 1.47 -1.08	28.03 1.56 -0.07	31.39 1.74 -0.48	36.97 2.05 0.00	54.73 2.96 0.00	48.34 2.99 0.00	50.43 3.22 0.00	53.41 3.28 0.00	51.68 2.72 0.00	44.34 2.15 0.00	40.38 1.94 0.00	40.00 1.95 0.00
NYPA_VERNON____GT3 24163	40.69 1.71 0.00	31.79 1.29 0.00	30.69 1.11 0.00	35.10 1.23 0.00	36.50 1.43 0.00	36.97 1.57 0.00	47.43 2.46 0.00	44.26 2.59 0.00	37.73 2.22 0.00	38.30 1.98 0.00	34.74 1.88 0.00	30.04 1.67 -1.04	28.06 1.47 -1.08	28.03 1.56 -0.07	31.39 1.74 -0.48	36.97 2.05 0.00	54.73 2.96 0.00	48.34 2.99 0.00	50.43 3.22 0.00	53.41 3.28 0.00	51.68 2.72 0.00	44.34 2.15 0.00	40.38 1.94 0.00	40.00 1.95 0.00
NYPA__ASTORIA_CC1 323568	40.61 1.64 0.00	31.73 1.23 0.00	30.63 1.06 0.00	35.03 1.16 0.00	36.43 1.36 0.00	36.90 1.50 0.00	47.33 2.36 0.00	44.16 2.50 0.00	37.64 2.14 0.00	38.21 1.89 0.00	34.65 1.79 0.00	29.84 1.47 -1.04	27.85 1.26 -1.08	27.89 1.42 -0.07	31.32 1.67 -0.48	36.88 1.96 0.00	54.60 2.83 0.00	48.25 2.89 0.00	50.33 3.12 0.00	53.29 3.16 0.00	51.59 2.62 0.00	44.25 2.05 0.00	40.30 1.86 0.00	39.92 1.87 0.00
NYPA__ASTORIA_CC2 323569	40.61 1.64 0.00	31.73 1.23 0.00	30.63 1.06 0.00	35.03 1.16 0.00	36.43 1.36 0.00	36.90 1.50 0.00	47.33 2.36 0.00	44.16 2.50 0.00	37.64 2.14 0.00	38.21 1.89 0.00	34.65 1.79 0.00	29.84 1.47 -1.04	27.85 1.26 -1.08	27.89 1.42 -0.07	31.32 1.67 -0.48	36.88 1.96 0.00	54.60 2.83 0.00	48.25 2.89 0.00	50.33 3.12 0.00	53.29 3.16 0.00	51.59 2.62 0.00	44.25 2.05 0.00	40.30 1.86 0.00	39.92 1.87 0.00
NYPA__HOLTSVILL 23794	41.75 2.77 0.00	32.59 2.09 0.00	31.93 2.05 -0.31	36.14 2.27 0.00	37.50 2.43 0.00	37.88 2.48 0.00	48.47 3.50 0.00	45.26 3.59 0.00	38.64 3.14 0.00	38.97 2.66 0.00	35.35 2.49 0.00	29.30 1.97 0.00	27.31 1.79 0.00	28.29 1.89 0.00	33.23 2.30 -1.76	71.22 2.81 -33.50	56.24 4.47 0.00	58.71 4.58 -8.77	55.56 4.66 -3.68	55.20 4.74 -0.33	67.76 4.25 -14.55	45.97 3.15 -0.62	45.95 2.81 -4.70	40.81 2.76 0.00
NYPA__HELLGATE_GT1 24158	40.63 1.65 0.00	31.72 1.21 0.00	30.59 1.02 0.00	34.98 1.11 0.00	36.41 1.34 0.00	36.87 1.47 0.00	47.32 2.35 0.00	44.11 2.44 0.00	37.65 2.15 0.00	38.14 1.83 0.00	34.62 1.76 0.00	29.79 1.43 -1.03	27.73 1.15 -1.07	27.85 1.38 -0.07	31.21 1.57 -0.47	36.82 1.90 0.00	54.51 2.74 0.00	48.23 2.88 0.00	50.29 3.07 0.00	53.31 3.18 0.00	51.59 2.62 0.00	44.22 2.02 0.00	40.26 1.82 0.00	39.84 1.80 0.00
NYPA__HELLGATE_GT2 24159	40.63 1.65 0.00	31.72 1.21 0.00	30.59 1.02 0.00	34.98 1.11 0.00	36.41 1.34 0.00	36.87 1.47 0.00	47.32 2.35 0.00	44.11 2.44 0.00	37.65 2.15 0.00	38.14 1.83 0.00	34.62 1.76 0.00	29.79 1.43 -1.03	27.73 1.15 -1.07	27.85 1.38 -0.07	31.21 1.57 -0.47	36.82 1.90 0.00	54.51 2.74 0.00	48.23 2.88 0.00	50.29 3.07 0.00	53.31 3.18 0.00	51.59 2.62 0.00	44.22 2.02 0.00	40.26 1.82 0.00	39.84 1.80 0.00
NYS_BARGE__HYD 23848	35.07 -3.31 0.61	24.78 -2.61 3.12	24.12 -2.40 3.05	27.58 -2.56 3.74	30.20 -2.82 2.04	30.94 -2.87 1.59	37.39 -3.61 3.97	32.70 -3.62 5.34	31.77 -2.83 0.90	33.72 -2.59 0.00	30.54 -2.32 0.00	25.41 -1.92 0.00	23.94 -1.57 0.00	24.71 -1.69 0.00	26.96 -2.21 0.00	31.84 -3.08 0.00	47.04 -4.73 0.00	41.20 -4.16 0.00	43.13 -4.08 0.00	45.55 -4.58 0.00	43.94 -4.76 0.27	36.76 -4.69 0.75	34.09 -4.34 0.00	33.73 -4.32 0.00
OAK ORCHARD__HYD 24046	36.70 -1.97 0.31	27.28 -1.62 1.60	26.52 -1.49 1.56	30.34 -1.61 1.91	32.32 -1.70 1.05	32.92 -1.66 0.82	41.03 -1.90 2.04	36.94 -1.92 2.80	33.61 -1.43 0.46	35.03 -1.28 0.00	31.69 -1.17 0.00	26.35 -0.98 0.00	24.71 -0.81 0.00	25.48 -0.92 0.00	27.90 -1.26 0.00	33.16 -1.76 0.00	49.24 -2.54 0.00	43.24 -2.12 0.00	45.20 -2.02 0.00	47.81 -2.33 0.00	46.22 -2.54 0.20	38.94 -2.69 0.56	35.88 -2.56 0.00	35.46 -2.59 0.00
OAKDALE__35_KV_LOAD 356122	38.59 -0.39 0.00	30.07 -0.43 0.00	29.22 -0.35 0.00	33.55 -0.31 0.00	34.77 -0.29 0.00	35.11 -0.29 0.00	44.93 -0.04 0.00	41.60 -0.06 0.00	35.53 0.03 0.00	36.18 -0.14 0.00	32.73 -0.13 0.00	27.17 -0.16 0.00	25.37 -0.14 0.00	26.21 -0.19 0.00	28.95 -0.22 0.00	34.59 -0.33 0.00	51.70 -0.07 0.00	45.40 0.05 0.00	47.35 0.14 0.00	50.20 0.07 0.00	48.53 -0.37 0.06	41.50 -0.52 0.18	37.98 -0.46 0.00	37.62 -0.43 0.00
OCC_CHEM__DRP 24175	34.91 -4.07 0.00	27.38 -3.12 0.00	26.71 -2.86 0.00	30.76 -3.11 0.00	31.69 -3.38 0.00	31.95 -3.45 0.00	40.54 -4.43 0.00	37.37 -4.29 0.00	31.99 -3.51 0.00	33.01 -3.31 0.00	29.79 -3.07 0.00	24.76 -2.57 0.00	23.33 -2.18 0.00	24.10 -2.30 0.00	26.33 -2.84 0.00	31.10 -3.82 0.00	45.86 -5.91 0.00	40.05 -5.31 0.00	41.94 -5.27 0.00	44.29 -5.84 0.00	42.77 -5.92 0.27	35.77 -5.66 0.77	33.22 -5.22 0.00	32.92 -5.14 0.00

OH_GEN_PROXY 24063	34.69 -3.60 0.68	24.08 -2.90 3.52	23.45 -2.67 3.45	26.73 -2.91 4.23	29.63 -3.13 2.31	34.63 -3.18 -2.41	38.43 -4.00 2.54	31.73 -3.91 6.02	31.44 -3.05 1.01	33.51 -2.80 0.00	30.30 -2.56 0.00	25.21 -2.12 0.00	23.76 -1.76 0.00	24.53 -1.87 0.00	26.83 -2.34 0.00	31.73 -3.19 0.00	46.82 -4.95 0.00	40.85 -4.51 0.00	42.74 -4.47 0.00	45.18 -4.95 0.00	43.61 -5.08 0.27	36.48 -4.96 0.76	33.87 -4.57 0.00	33.53 -4.52 0.00
OLIN_CORP_DRP 24177	35.12 -3.86 0.00	27.47 -3.03 0.00	26.74 -2.84 0.00	30.88 -2.99 0.00	31.78 -3.29 0.00	31.98 -3.42 0.00	40.57 -4.41 0.00	37.21 -4.46 0.00	31.99 -3.52 0.00	33.01 -3.31 0.00	29.94 -2.92 0.00	24.89 -2.44 0.00	23.46 -2.06 0.00	24.21 -2.19 0.00	26.45 -2.72 0.00	31.24 -3.68 0.00	46.11 -5.67 0.00	40.32 -5.04 0.00	42.24 -4.98 0.00	44.59 -5.54 0.00	43.02 -5.66 0.28	36.01 -5.39 0.79	33.44 -5.00 0.00	33.13 -4.93 0.00
OLIN_CORP_DSASP 323712	34.24 -4.07 0.67	23.97 -3.09 3.44	23.37 -2.83 3.37	26.65 -3.09 4.13	29.43 -3.38 2.26	30.19 -3.45 1.76	36.18 -4.41 4.38	31.55 -4.23 5.88	30.98 -3.52 1.00	33.01 -3.31 0.00	29.76 -3.09 0.00	24.75 -2.58 0.00	23.33 -2.19 0.00	24.10 -2.30 0.00	26.33 -2.84 0.00	31.11 -3.81 0.00	45.86 -5.91 0.00	40.06 -5.30 0.00	41.93 -5.29 0.00	44.28 -5.85 0.00	42.77 -5.92 0.27	35.77 -5.66 0.77	33.25 -5.19 0.00	32.92 -5.13 0.00
ONEIDA_HERK_LFGE 323681	39.60 0.63 0.00	30.96 0.46 0.00	30.00 0.43 0.00	34.36 0.49 0.00	35.61 0.55 0.00	35.90 0.50 0.00	45.86 0.89 0.00	42.63 0.96 0.00	36.26 0.75 0.00	36.71 0.40 0.00	33.04 0.18 0.00	27.47 0.14 0.00	25.68 0.16 0.00	26.53 0.13 0.00	29.29 0.12 0.00	35.11 0.19 0.00	52.67 0.90 0.00	46.34 0.99 0.00	48.32 1.11 0.00	51.31 1.18 0.00	50.07 1.12 0.00	43.08 0.89 0.00	39.23 0.79 0.00	38.83 0.78 0.00
ONEIDA___115KV_TB4 55905	39.66 0.68 0.00	30.99 0.49 0.00	30.05 0.48 0.00	34.44 0.58 0.00	35.69 0.62 0.00	36.12 0.72 0.00	46.25 1.27 0.00	42.92 1.26 0.00	36.48 0.98 0.00	36.92 0.60 0.00	33.25 0.39 0.00	27.60 0.28 0.00	25.77 0.26 0.00	26.64 0.24 0.00	29.41 0.24 0.00	35.28 0.36 0.00	52.86 1.09 0.00	46.67 1.32 0.00	48.70 1.48 0.00	51.66 1.52 0.00	50.25 1.29 0.00	43.10 0.91 0.00	39.21 0.77 0.00	38.77 0.72 0.00
ONONDAGA_REF_OCCRA 23987	38.23 -0.75 0.00	29.85 -0.65 0.00	28.97 -0.61 0.00	33.21 -0.66 0.00	34.40 -0.67 0.00	34.78 -0.62 0.00	44.46 -0.51 0.00	41.03 -0.63 0.00	34.97 -0.53 0.00	35.64 -0.67 0.00	32.17 -0.68 0.00	26.71 -0.62 0.00	24.95 -0.56 0.00	25.77 -0.63 0.00	28.43 -0.74 0.00	34.04 -0.88 0.00	50.77 -1.00 0.00	44.71 -0.64 0.00	46.66 -0.55 0.00	49.44 -0.69 0.00	48.10 -0.93 -0.08	41.38 -1.02 -0.21	37.45 -0.99 0.00	37.03 -1.02 0.00
ONONDAGA___COGEN 23986	38.22 -0.76 0.00	29.83 -0.67 0.00	28.95 -0.62 0.00	33.18 -0.69 0.00	34.39 -0.69 0.00	34.78 -0.63 0.00	44.40 -0.57 0.00	41.00 -0.66 0.00	34.92 -0.58 0.00	35.64 -0.68 0.00	32.17 -0.69 0.00	26.72 -0.61 0.00	24.96 -0.56 0.00	25.78 -0.62 0.00	28.44 -0.73 0.00	34.05 -0.87 0.00	50.76 -1.01 0.00	44.68 -0.67 0.00	46.60 -0.62 0.00	49.38 -0.75 0.00	47.95 -1.01 0.00	41.13 -1.07 0.00	37.41 -1.03 0.00	36.99 -1.05 0.00
ONTARIO___LFGE 23819	38.38 -0.60 0.00	29.93 -0.57 0.00	29.09 -0.48 0.00	33.35 -0.52 0.00	34.61 -0.45 0.00	35.00 -0.40 0.00	44.88 -0.10 0.00	41.56 -0.10 0.00	35.47 -0.04 0.00	36.11 -0.21 0.00	32.72 -0.13 0.00	27.14 -0.19 0.00	25.25 -0.26 0.00	25.98 -0.42 0.00	28.60 -0.57 0.00	34.12 -0.80 0.00	51.29 -0.48 0.00	45.20 -0.15 0.00	47.19 -0.02 0.00	49.94 -0.20 0.00	47.76 -0.75 0.46	39.86 -1.07 1.27	37.43 -1.01 0.00	37.03 -1.02 0.00
ORANGEVILLE_WT_PWR 323706	35.22 -3.03 0.73	24.28 -2.47 3.76	23.61 -2.28 3.68	26.93 -2.44 4.51	30.01 -2.60 2.47	30.88 -2.60 1.92	37.03 -3.16 4.78	32.14 -3.13 6.40	31.92 -2.49 1.09	34.04 -2.28 0.00	30.77 -2.09 0.00	25.56 -1.77 0.00	24.09 -1.43 0.00	24.92 -1.48 0.00	27.27 -1.90 0.00	32.28 -2.64 0.00	47.72 -4.05 0.00	41.64 -3.72 0.00	43.52 -3.70 0.00	45.96 -4.17 0.00	44.13 -4.54 0.30	36.82 -4.55 0.84	34.27 -4.17 0.00	33.87 -4.18 0.00
ORANGEVILLE___ESR 323794	35.22 -3.03 0.73	24.28 -2.47 3.76	23.61 -2.28 3.68	26.93 -2.44 4.51	30.01 -2.60 2.47	30.88 -2.60 1.92	37.03 -3.16 4.78	32.14 -3.13 6.40	31.92 -2.49 1.09	34.04 -2.28 0.00	30.77 -2.09 0.00	25.56 -1.77 0.00	24.09 -1.43 0.00	24.92 -1.48 0.00	27.27 -1.90 0.00	32.28 -2.64 0.00	47.72 -4.05 0.00	41.64 -3.72 0.00	43.52 -3.70 0.00	45.96 -4.17 0.00	44.13 -4.54 0.30	36.82 -4.55 0.84	34.27 -4.17 0.00	33.87 -4.18 0.00
OSWEGATCHIE___HYD 24044	39.08 0.11 0.00	30.60 0.10 0.00	29.69 0.12 0.00	34.01 0.14 0.00	35.11 0.04 0.00	35.20 -0.20 0.00	44.50 -0.47 0.00	41.17 -0.50 0.00	35.12 -0.38 0.00	35.80 -0.51 0.00	32.14 -0.72 0.00	26.74 -0.59 0.00	25.11 -0.40 0.00	25.95 -0.45 0.00	28.58 -0.59 0.00	34.23 -0.69 0.00	51.24 -0.54 0.00	44.84 -0.51 0.00	46.68 -0.54 0.00	49.65 -0.48 0.00	48.81 -0.16 0.00	42.20 0.00 0.00	38.54 0.10 0.00	38.21 0.16 0.00
OSWEGO___5 23606	37.57 -1.40 0.00	29.36 -1.14 0.00	28.49 -1.08 0.00	32.65 -1.22 0.00	33.82 -1.25 0.00	34.16 -1.24 0.00	43.54 -1.43 0.00	40.21 -1.45 0.00	34.27 -1.23 0.00	35.00 -1.31 0.00	31.62 -1.24 0.00	26.29 -1.04 0.00	24.56 -0.96 0.00	25.38 -1.02 0.00	28.00 -1.17 0.00	33.49 -1.42 0.00	49.83 -1.94 0.00	43.79 -1.56 0.00	45.65 -1.57 0.00	48.41 -1.72 0.00	47.09 -1.87 0.00	40.46 -1.75 -0.02	36.81 -1.63 0.00	36.42 -1.63 0.00
OSWEGO___6 23613	37.57 -1.40 0.00	29.36 -1.14 0.00	28.49 -1.08 0.00	32.65 -1.22 0.00	33.82 -1.25 0.00	34.16 -1.24 0.00	43.54 -1.43 0.00	40.21 -1.45 0.00	34.27 -1.23 0.00	35.00 -1.31 0.00	31.62 -1.24 0.00	26.29 -1.04 0.00	24.56 -0.96 0.00	25.38 -1.02 0.00	28.00 -1.17 0.00	33.49 -1.42 0.00	49.83 -1.94 0.00	43.79 -1.56 0.00	45.65 -1.57 0.00	48.41 -1.72 0.00	47.09 -1.87 0.00	40.46 -1.75 -0.02	36.81 -1.63 0.00	36.42 -1.63 0.00
OUTOKUMPU-AB___DRP 24206	35.90 -3.07 0.00	28.07 -2.43 0.00	27.34 -2.23 0.00	31.51 -2.36 0.00	32.49 -2.58 0.00	32.78 -2.62 0.00	41.74 -3.23 0.00	38.42 -3.24 0.00	32.98 -2.52 0.00	34.03 -2.28 0.00	30.79 -2.07 0.00	25.59 -1.75 0.00	24.10 -1.42 0.00	24.90 -1.50 0.00	27.20 -1.97 0.00	32.13 -2.79 0.00	47.46 -4.31 0.00	41.50 -3.86 0.00	43.46 -3.76 0.00	45.86 -4.27 0.00	44.21 -4.46 0.28	36.98 -4.42 0.80	34.32 -4.12 0.00	33.93 -4.12 0.00
OXBOW___BTM 323836	34.75 -3.55 0.67	24.29 -2.74 3.47	23.67 -2.50 3.40	26.99 -2.71 4.17	29.83 -2.97 2.28	30.61 -3.01 1.78	36.77 -3.78 4.42	32.05 -3.69 5.93	31.51 -2.99 1.01	33.56 -2.76 0.00	30.29 -2.56 0.00	25.20 -2.13 0.00	23.74 -1.78 0.00	24.52 -1.88 0.00	26.79 -2.38 0.00	31.64 -3.28 0.00	46.69 -5.08 0.00	40.82 -4.53 0.00	42.73 -4.48 0.00	45.12 -5.01 0.00	43.54 -5.15 0.28	36.40 -5.02 0.78	33.81 -4.62 0.00	33.44 -4.61 0.00

OXBOW____ 24026	35.42 -3.55 0.00	27.74 -2.77 0.00	27.04 -2.54 0.00	31.14 -2.73 0.00	32.11 -2.96 0.00	32.38 -3.02 0.00	41.17 -3.80 0.00	37.93 -3.74 0.00	32.52 -2.98 0.00	33.55 -2.76 0.00	30.32 -2.54 0.00	25.20 -2.13 0.00	23.74 -1.78 0.00	24.52 -1.88 0.00	26.79 -2.38 0.00	31.65 -3.27 0.00	46.70 -5.07 0.00	40.81 -4.55 0.00	42.74 -4.47 0.00	45.12 -5.01 0.00	43.53 -5.15 0.28	36.40 -5.01 0.78	33.80 -4.64 0.00	33.45 -4.60 0.00
OXY_CHEM_DSASP 323612	34.91 -4.07 0.00	27.38 -3.12 0.00	26.71 -2.86 0.00	30.76 -3.11 0.00	31.69 -3.38 0.00	31.95 -3.45 0.00	40.54 -4.43 0.00	37.37 -4.29 0.00	31.99 -3.51 0.00	33.01 -3.31 0.00	29.79 -3.07 0.00	24.76 -2.57 0.00	23.33 -2.18 0.00	24.10 -2.30 0.00	26.33 -2.84 0.00	31.10 -3.82 0.00	45.86 -5.91 0.00	40.05 -5.31 0.00	41.94 -5.27 0.00	44.29 -5.84 0.00	42.77 -5.92 0.27	35.77 -5.66 0.77	33.22 -5.22 0.00	32.92 -5.14 0.00
OZONE_PARK_ESR 323760	41.00 2.03 0.00	32.03 1.53 0.00	30.93 1.36 0.00	35.38 1.51 0.00	36.77 1.70 0.00	37.25 1.85 0.00	47.80 2.83 0.00	44.66 2.99 0.00	38.05 2.55 0.00	38.61 2.30 0.00	35.00 2.14 0.00	30.23 1.87 -1.03	28.26 1.69 -1.06	28.23 1.76 -0.07	31.66 2.03 -0.47	37.26 2.34 0.00	55.25 3.48 0.00	48.80 3.45 0.00	50.95 3.74 0.00	53.94 3.80 0.00	52.20 3.24 0.00	44.73 2.53 0.00	40.73 2.29 0.00	40.34 2.29 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.91 -4.07 0.00	27.38 -3.12 0.00	26.71 -2.86 0.00	30.76 -3.11 0.00	31.69 -3.38 0.00	31.95 -3.45 0.00	40.54 -4.43 0.00	37.37 -4.29 0.00	31.99 -3.51 0.00	33.01 -3.31 0.00	29.79 -3.07 0.00	24.76 -2.57 0.00	23.33 -2.18 0.00	24.10 -2.30 0.00	26.33 -2.84 0.00	31.10 -3.82 0.00	45.86 -5.91 0.00	40.05 -5.31 0.00	41.94 -5.27 0.00	44.29 -5.84 0.00	42.77 -5.92 0.27	35.77 -5.66 0.77	33.22 -5.22 0.00	32.92 -5.14 0.00
PACKARD__115KV_DUPONT_184 80571	34.91 -4.07 0.00	27.38 -3.12 0.00	26.71 -2.86 0.00	30.76 -3.11 0.00	31.69 -3.38 0.00	31.95 -3.45 0.00	40.54 -4.43 0.00	37.37 -4.29 0.00	31.99 -3.51 0.00	33.01 -3.31 0.00	29.79 -3.07 0.00	24.76 -2.57 0.00	23.33 -2.18 0.00	24.10 -2.30 0.00	26.33 -2.84 0.00	31.10 -3.82 0.00	45.86 -5.91 0.00	40.05 -5.31 0.00	41.94 -5.27 0.00	44.29 -5.84 0.00	42.77 -5.92 0.27	35.77 -5.66 0.77	33.22 -5.22 0.00	32.92 -5.14 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.59 1.61 0.00	31.69 1.19 0.00	30.59 1.02 0.00	34.99 1.12 0.00	36.40 1.33 0.00	36.88 1.48 0.00	47.30 2.33 0.00	44.08 2.42 0.00	37.58 2.07 0.00	38.10 1.79 0.00	34.56 1.70 0.00	29.75 1.39 -1.03	27.74 1.17 -1.06	27.79 1.33 -0.07	31.18 1.55 -0.47	36.77 1.85 0.00	54.45 2.68 0.00	48.17 2.82 0.00	50.23 3.02 0.00	53.22 3.09 0.00	51.53 2.57 0.00	44.16 1.96 0.00	40.21 1.76 0.00	39.82 1.77 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	40.80 1.82 0.00	31.87 1.37 0.00	30.74 1.17 0.00	35.18 1.31 0.00	36.60 1.53 0.00	37.09 1.69 0.00	47.60 2.63 0.00	44.41 2.75 0.00	37.81 2.31 0.00	38.30 1.99 0.00	34.72 1.87 0.00	29.87 1.51 -1.03	27.86 1.28 -1.06	27.89 1.42 -0.07	31.29 1.65 -0.47	36.91 1.99 0.00	54.66 2.89 0.00	48.39 3.04 0.00	50.48 3.27 0.00	53.48 3.35 0.00	51.74 2.78 0.00	44.36 2.17 0.00	40.32 1.89 0.00	39.93 1.88 0.00
PATROON__115KV_TB1 80586	39.60 0.62 0.00	31.02 0.52 0.00	30.08 0.51 0.00	34.38 0.52 0.00	35.61 0.55 0.00	35.97 0.57 0.00	46.01 1.04 0.00	42.81 1.15 0.00	36.20 0.70 0.00	36.65 0.34 0.00	33.18 0.32 0.00	27.68 0.35 0.00	25.80 0.29 0.00	26.72 0.32 0.00	29.58 0.41 0.00	35.55 0.63 0.00	52.73 0.96 0.00	46.51 1.16 0.00	48.45 1.23 0.00	51.65 1.52 0.00	50.36 1.40 0.00	43.24 1.05 0.00	39.46 1.02 0.00	39.03 0.98 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	36.63 -2.35 0.00	28.55 -1.95 0.00	27.83 -1.75 0.00	32.06 -1.81 0.00	33.10 -1.96 0.00	33.38 -2.02 0.00	42.58 -2.39 0.00	39.33 -2.33 0.00	33.71 -1.80 0.00	34.65 -1.66 0.00	31.41 -1.45 0.00	26.13 -1.20 0.00	24.66 -0.86 0.00	25.45 -0.95 0.00	27.87 -1.30 0.00	32.94 -1.98 0.00	48.77 -3.00 0.00	42.50 -2.85 0.00	44.45 -2.77 0.00	47.00 -3.13 0.00	45.15 -3.48 0.33	37.69 -3.57 0.93	35.12 -3.32 0.00	34.80 -3.25 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.89 1.92 0.00	31.96 1.46 0.00	30.92 1.35 0.00	35.40 1.53 0.00	36.78 1.72 0.00	37.22 1.82 0.00	47.78 2.81 0.00	44.55 2.88 0.00	37.85 2.34 0.00	38.26 1.95 0.00	34.62 1.76 0.00	28.83 1.50 0.00	26.85 1.34 0.00	27.80 1.40 0.00	30.81 1.64 0.00	36.87 1.95 0.00	54.83 3.06 0.00	48.55 3.20 0.00	50.69 3.48 0.00	53.65 3.52 0.00	52.05 3.09 0.00	44.56 2.36 0.00	40.57 2.13 0.00	40.18 2.13 0.00
PEEKSKILL____ 23653	40.49 1.52 0.00	31.66 1.16 0.00	30.61 1.03 0.00	35.02 1.16 0.00	36.39 1.33 0.00	36.83 1.43 0.00	47.25 2.28 0.00	44.04 2.37 0.00	37.43 1.93 0.00	37.90 1.59 0.00	34.33 1.48 0.00	28.60 1.27 0.00	26.64 1.12 0.00	27.59 1.19 0.00	30.57 1.40 0.00	36.56 1.64 0.00	54.27 2.50 0.00	48.03 2.68 0.00	50.15 2.93 0.00	53.07 2.94 0.00	51.48 2.52 0.00	44.08 1.89 0.00	40.15 1.71 0.00	39.76 1.71 0.00
PGE MADISON__WINDPWR 24146	42.06 2.90 -0.19	33.55 2.07 -0.98	32.57 2.04 -0.96	37.37 2.32 -1.17	38.30 2.60 -0.64	38.81 2.91 -0.50	50.68 4.49 -1.23	47.35 4.13 -1.55	38.95 3.21 -0.23	38.99 2.68 0.00	35.11 2.26 0.00	29.04 1.71 0.00	27.09 1.58 0.00	27.91 1.51 0.00	30.77 1.60 0.00	37.01 2.09 0.00	56.04 4.27 0.00	49.41 4.06 0.00	51.49 4.28 0.00	54.41 4.28 0.00	52.91 3.45 -0.50	46.24 2.67 -1.37	40.80 2.36 0.00	40.45 2.40 0.00
PIERCEFIELD__HYD 23852	39.46 0.48 0.00	30.99 0.49 0.00	30.12 0.55 0.00	34.50 0.63 0.00	35.50 0.43 0.00	35.61 0.21 0.00	44.63 -0.34 0.00	41.17 -0.50 0.00	35.18 -0.32 0.00	36.23 -0.08 0.00	32.68 -0.18 0.00	27.16 -0.17 0.00	25.42 -0.09 0.00	26.32 -0.08 0.00	29.00 -0.17 0.00	34.71 -0.21 0.00	51.47 -0.30 0.00	44.70 -0.65 0.00	46.43 -0.78 0.00	49.44 -0.69 0.00	48.78 -0.18 0.00	42.28 0.08 0.00	38.67 0.22 0.00	38.36 0.31 0.00
PINELAWN_CC_1 323563	41.52 2.54 0.00	32.48 1.98 0.00	31.74 1.86 -0.31	35.91 2.04 0.00	37.27 2.21 0.00	37.66 2.26 0.00	48.20 3.23 0.00	45.07 3.41 0.00	38.37 2.87 0.00	38.77 2.45 0.00	35.16 2.31 0.00	29.22 1.89 0.00	27.25 1.73 0.00	28.22 1.82 0.00	33.11 2.17 -1.76	71.04 2.62 -33.50	55.83 4.06 0.00	58.26 4.14 -8.77	55.33 4.43 -3.68	54.96 4.50 -0.33	67.55 4.03 -14.55	45.87 3.05 -0.62	45.88 2.73 -4.70	40.75 2.70 0.00
PJM_GEN_HTP_PROXY 323702	40.59 1.61 0.00	31.72 1.22 0.00	30.63 1.06 0.00	35.04 1.17 0.00	36.42 1.36 0.00	36.87 1.47 0.00	47.28 2.31 0.00	44.14 2.48 0.00	36.69 2.11 0.92	38.17 1.86 0.00	34.62 1.77 0.00	29.89 1.54 -1.02	27.95 1.38 -1.06	27.92 1.45 -0.07	31.32 1.68 -0.47	36.86 1.94 0.00	54.62 2.85 0.00	48.25 2.89 0.00	50.34 3.13 0.00	51.74 3.16 1.56	51.57 2.61 0.00	44.22 2.03 0.00	40.27 1.83 0.00	39.91 1.86 0.00

PJM_GEN_KEystone 24065	37.38 -0.81 0.78	25.74 -0.72 4.05	24.96 -0.65 3.97	28.38 -0.64 4.85	31.79 -0.62 2.66	32.69 -0.64 2.07	39.33 -0.49 5.14	34.32 -0.49 6.85	33.00 -0.38 2.12	35.79 -0.52 0.00	32.50 -0.35 0.00	27.07 -0.26 0.00	25.36 -0.15 0.00	26.22 -0.18 0.00	28.92 -0.25 0.00	34.41 -0.52 0.00	51.06 -0.71 0.00	44.81 -0.55 0.00	46.84 -0.38 0.00	48.00 -0.57 1.56	54.04 -0.96 -6.04	37.38 -1.27 3.55	37.32 -1.12 0.00	37.07 -0.98 0.00
PJM_GEN_NEPTUNE_PROXY 323594	40.98 2.00 0.00	32.07 1.57 0.00	31.33 1.44 -0.31	35.46 1.59 0.00	36.80 1.73 0.00	37.17 1.77 0.00	47.53 2.56 0.00	44.39 2.72 0.00	36.85 2.27 0.92	38.27 1.95 0.00	34.76 1.91 0.00	28.93 1.60 0.00	26.98 1.46 0.00	27.93 1.53 0.00	32.76 1.83 -1.76	70.57 2.15 -33.50	54.93 3.16 0.00	57.40 3.28 -8.77	54.46 3.56 -3.68	52.52 3.61 1.23	66.70 3.19 -14.55	45.21 2.40 -0.62	45.33 2.19 -4.70	40.24 2.19 0.00
PJM_GEN_VFT_PROXY 323633	40.40 1.43 0.00	31.59 1.09 0.00	30.49 0.92 0.00	34.87 1.00 0.00	36.25 1.19 0.00	36.70 1.30 0.00	41.06 2.07 5.99	39.43 2.24 4.47	35.20 1.95 2.26	38.01 1.70 0.00	34.49 1.63 0.00	29.80 1.44 -1.03	27.87 1.29 -1.06	27.82 1.35 -0.07	31.22 1.58 -0.47	36.72 1.80 0.00	39.74 2.57 14.60	39.65 2.63 8.33	39.65 2.86 10.43	37.81 2.88 15.20	39.53 2.31 11.74	40.07 1.80 3.92	39.58 1.64 0.51	39.58 1.68 0.16
PLATSBRG_115KV_PMLD1 355749	41.51 2.53 0.00	32.38 1.88 0.00	31.42 1.85 0.00	35.99 2.12 0.00	37.22 2.16 0.00	37.29 1.89 0.00	47.02 2.05 0.00	43.15 1.49 0.00	36.73 1.23 0.00	37.97 1.66 0.00	34.18 1.32 0.00	28.34 1.01 0.00	26.38 0.86 0.00	27.38 0.98 0.00	30.34 1.17 0.00	36.33 1.41 0.00	54.12 2.35 0.00	46.79 1.44 0.00	48.76 1.55 0.00	51.81 1.67 0.00	50.80 1.84 0.00	43.72 1.52 0.00	39.89 1.45 0.00	39.40 1.36 0.00
PLEASANTVLY___LBMP 24000	40.32 1.35 0.00	31.53 1.03 0.00	30.51 0.94 0.00	34.91 1.04 0.00	36.24 1.17 0.00	36.64 1.24 0.00	46.95 1.98 0.00	43.74 2.08 0.00	37.16 1.66 0.00	37.62 1.30 0.00	34.06 1.21 0.00	28.39 1.06 0.00	26.45 0.93 0.00	27.39 0.99 0.00	30.35 1.18 0.00	36.31 1.39 0.00	53.89 2.12 0.00	47.67 2.32 0.00	49.73 2.51 0.00	52.64 2.50 0.00	51.09 2.14 0.00	43.80 1.60 0.00	39.93 1.49 0.00	39.58 1.53 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.53 1.55 0.00	31.68 1.19 0.00	30.64 1.07 0.00	35.06 1.19 0.00	36.44 1.37 0.00	36.85 1.45 0.00	47.26 2.28 0.00	44.05 2.38 0.00	37.46 1.96 0.00	37.94 1.62 0.00	34.37 1.52 0.00	28.64 1.31 0.00	26.68 1.17 0.00	27.62 1.22 0.00	30.61 1.44 0.00	36.60 1.68 0.00	54.34 2.57 0.00	48.08 2.72 0.00	50.18 2.96 0.00	53.10 2.97 0.00	51.51 2.55 0.00	44.12 1.92 0.00	40.20 1.75 0.00	39.82 1.77 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.53 1.55 0.00	31.68 1.19 0.00	30.64 1.07 0.00	35.06 1.19 0.00	36.44 1.37 0.00	36.85 1.45 0.00	47.26 2.28 0.00	44.05 2.38 0.00	37.46 1.96 0.00	37.94 1.62 0.00	34.37 1.52 0.00	28.64 1.31 0.00	26.68 1.17 0.00	27.62 1.22 0.00	30.61 1.44 0.00	36.60 1.68 0.00	54.34 2.57 0.00	48.08 2.72 0.00	50.18 2.96 0.00	53.10 2.97 0.00	51.51 2.55 0.00	44.12 1.92 0.00	40.20 1.75 0.00	39.82 1.77 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.62 1.65 0.00	31.74 1.24 0.00	30.72 1.14 0.00	35.16 1.30 0.00	36.54 1.47 0.00	36.93 1.53 0.00	47.39 2.42 0.00	44.17 2.50 0.00	37.52 2.02 0.00	37.91 1.60 0.00	34.29 1.43 0.00	28.55 1.22 0.00	26.60 1.09 0.00	27.54 1.15 0.00	30.53 1.36 0.00	36.56 1.65 0.00	54.37 2.60 0.00	48.14 2.79 0.00	50.25 3.04 0.00	53.18 3.05 0.00	51.57 2.61 0.00	44.20 2.01 0.00	40.27 1.83 0.00	39.90 1.85 0.00
POLETTI_____ 23519	40.57 1.60 0.00	31.71 1.21 0.00	30.61 1.04 0.00	35.01 1.14 0.00	36.39 1.33 0.00	36.84 1.44 0.00	47.23 2.26 0.00	44.10 2.43 0.00	37.58 2.08 0.00	38.14 1.83 0.00	34.61 1.75 0.00	29.89 1.54 -1.03	27.96 1.38 -1.06	27.91 1.45 -0.07	31.32 1.68 -0.47	36.83 1.91 0.00	54.55 2.78 0.00	48.19 2.84 0.00	50.28 3.07 0.00	53.23 3.10 0.00	51.51 2.55 0.00	44.17 1.97 0.00	40.25 1.81 0.00	39.93 1.88 0.00
POMONA___ESR 323819	40.37 1.40 0.00	31.57 1.07 0.00	30.52 0.95 0.00	34.95 1.08 0.00	36.32 1.25 0.00	36.75 1.35 0.00	47.19 2.22 0.00	43.90 2.24 0.00	37.30 1.80 0.00	37.77 1.46 0.00	34.22 1.37 0.00	28.49 1.16 0.00	26.53 1.01 0.00	27.48 1.08 0.00	30.45 1.28 0.00	36.40 1.48 0.00	54.05 2.28 0.00	47.86 2.50 0.00	50.01 2.79 0.00	52.92 2.78 0.00	51.38 2.42 0.00	43.96 1.76 0.00	40.01 1.56 0.00	39.64 1.59 0.00
PORT_JEFF_3 23555	41.87 2.89 0.00	32.68 2.18 0.00	32.02 2.14 -0.31	36.23 2.36 0.00	37.60 2.53 0.00	37.99 2.59 0.00	48.60 3.63 0.00	45.40 3.73 0.00	38.75 3.25 0.00	39.09 2.77 0.00	35.45 2.60 0.00	29.39 2.06 0.00	27.39 1.87 0.00	28.37 1.97 0.00	33.32 2.39 -1.76	71.34 2.93 -33.50	56.43 4.66 0.00	58.80 4.68 -8.77	55.70 4.81 -3.68	55.34 4.88 -0.33	67.90 4.38 -14.55	46.07 3.25 -0.62	46.10 2.96 -4.70	40.94 2.89 0.00
PORT_JEFF_4 23616	41.87 2.89 0.00	32.68 2.18 0.00	32.02 2.14 -0.31	36.23 2.36 0.00	37.60 2.53 0.00	37.99 2.59 0.00	48.60 3.63 0.00	45.40 3.73 0.00	38.75 3.25 0.00	39.09 2.77 0.00	35.45 2.60 0.00	29.39 2.06 0.00	27.39 1.87 0.00	28.37 1.97 0.00	33.32 2.39 -1.76	71.34 2.93 -33.50	56.43 4.66 0.00	58.80 4.68 -8.77	55.70 4.81 -3.68	55.34 4.88 -0.33	67.90 4.38 -14.55	46.07 3.25 -0.62	46.10 2.96 -4.70	40.94 2.89 0.00
PORT_JEFF_IC 23713	41.87 2.89 0.00	32.68 2.18 0.00	32.03 2.14 -0.31	36.23 2.36 0.00	37.60 2.53 0.00	37.99 2.59 0.00	48.61 3.64 0.00	45.40 3.73 0.00	38.76 3.26 0.00	39.09 2.78 0.00	35.46 2.60 0.00	29.39 2.06 0.00	27.39 1.87 0.00	28.38 1.98 0.00	33.33 2.40 -1.76	71.35 2.94 -33.50	56.43 4.66 0.00	58.75 4.63 -8.77	55.67 4.77 -3.68	55.30 4.84 -0.33	67.85 4.34 -14.55	46.02 3.21 -0.62	46.12 2.98 -4.70	40.96 2.91 0.00
PPL PILGRIM_ST_GT1 24216	41.87 2.89 0.00	32.75 2.25 0.00	32.01 2.13 -0.31	36.22 2.35 0.00	37.60 2.54 0.00	37.98 2.58 0.00	48.62 3.64 0.00	45.43 3.76 0.00	38.70 3.20 0.00	39.09 2.78 0.00	35.46 2.61 0.00	29.45 2.12 0.00	27.47 1.96 0.00	28.44 2.05 0.00	33.37 2.43 -1.76	71.36 2.94 -33.50	56.31 4.54 0.00	58.55 4.42 -8.77	55.51 4.62 -3.68	55.35 4.89 -0.33	67.93 4.42 -14.55	46.26 3.44 -0.62	46.22 3.08 -4.70	41.09 3.03 0.00
PPL PILGRIM_ST_GT2 24217	41.87 2.89 0.00	32.75 2.25 0.00	32.01 2.13 -0.31	36.22 2.35 0.00	37.60 2.54 0.00	37.98 2.58 0.00	48.62 3.64 0.00	45.43 3.76 0.00	38.70 3.20 0.00	39.09 2.78 0.00	35.46 2.61 0.00	29.45 2.12 0.00	27.47 1.96 0.00	28.44 2.05 0.00	33.37 2.43 -1.76	71.36 2.94 -33.50	56.31 4.54 0.00	58.55 4.42 -8.77	55.51 4.62 -3.68	55.35 4.89 -0.33	67.93 4.42 -14.55	46.26 3.44 -0.62	46.22 3.08 -4.70	41.09 3.03 0.00

PPL_SHRM_GT3 24213	41.88 2.90 0.00	32.65 2.15 0.00	32.07 2.19 -0.31	36.30 2.44 0.00	37.67 2.61 0.00	37.99 2.59 0.00	48.64 3.67 0.00	45.36 3.70 0.00	38.88 3.38 0.00	39.14 2.83 0.00	35.47 2.61 0.00	29.32 1.99 0.00	27.31 1.79 0.00	28.31 1.91 0.00	33.32 2.39 -1.76	71.35 2.94 -33.50	56.54 4.76 0.00	59.13 5.00 -8.77	56.04 5.14 -3.68	55.70 5.24 -0.33	68.25 4.74 -14.55	46.20 3.38 -0.62	46.11 2.97 -4.70	40.92 2.87 0.00
PPL_SHRM_GT4 24214	41.88 2.90 0.00	32.65 2.15 0.00	32.07 2.19 -0.31	36.30 2.44 0.00	37.67 2.61 0.00	37.99 2.59 0.00	48.64 3.67 0.00	45.36 3.70 0.00	38.88 3.38 0.00	39.14 2.83 0.00	35.47 2.61 0.00	29.32 1.99 0.00	27.31 1.79 0.00	28.31 1.91 0.00	33.32 2.39 -1.76	71.35 2.94 -33.50	56.54 4.76 0.00	59.13 5.00 -8.77	56.04 5.14 -3.68	55.70 5.24 -0.33	68.25 4.74 -14.55	46.20 3.38 -0.62	46.11 2.97 -4.70	40.92 2.87 0.00
PROJECT___ORANGE 1 24174	37.90 -1.08 0.00	29.60 -0.90 0.00	28.72 -0.86 0.00	32.92 -0.95 0.00	34.11 -0.96 0.00	34.48 -0.92 0.00	44.05 -0.92 0.00	40.61 -1.05 0.00	34.63 -0.87 0.00	35.31 -1.01 0.00	31.88 -0.97 0.00	26.49 -0.84 0.00	24.75 -0.76 0.00	25.58 -0.82 0.00	28.21 -0.96 0.00	33.76 -1.16 0.00	50.30 -1.47 0.00	44.26 -1.10 0.00	46.17 -1.04 0.00	48.92 -1.21 0.00	47.54 -1.43 0.00	40.74 -1.45 0.01	37.07 -1.37 0.00	36.65 -1.40 0.00
PROJECT___ORANGE 2 24166	37.90 -1.08 0.00	29.60 -0.90 0.00	28.72 -0.86 0.00	32.92 -0.95 0.00	34.11 -0.96 0.00	34.48 -0.92 0.00	44.05 -0.92 0.00	40.61 -1.05 0.00	34.63 -0.87 0.00	35.31 -1.01 0.00	31.88 -0.97 0.00	26.49 -0.84 0.00	24.75 -0.76 0.00	25.58 -0.82 0.00	28.21 -0.96 0.00	33.76 -1.16 0.00	50.30 -1.47 0.00	44.26 -1.10 0.00	46.17 -1.04 0.00	48.92 -1.21 0.00	47.54 -1.43 0.00	40.74 -1.45 0.01	37.07 -1.37 0.00	36.65 -1.40 0.00
PUCKETT___SOLAR 323809	39.62 0.43 -0.22	31.82 0.21 -1.11	30.90 0.24 -1.09	35.52 0.32 -1.33	36.20 0.40 -0.73	36.46 0.50 -0.57	47.48 1.11 -1.39	44.46 1.02 -1.78	36.50 0.79 -0.20	36.73 0.41 0.00	33.18 0.32 0.00	27.50 0.17 0.00	25.64 0.13 0.00	26.47 0.07 0.00	29.23 0.07 0.00	35.03 0.11 0.00	52.66 0.89 0.00	46.38 1.03 0.00	48.35 1.13 0.00	51.24 1.11 0.00	49.48 0.52 0.00	42.42 0.23 0.00	38.64 0.20 0.00	38.31 0.26 0.00
PYRITES___HYD 24023	40.27 1.30 0.00	31.65 1.15 0.00	30.76 1.18 0.00	35.26 1.39 0.00	36.30 1.23 0.00	36.50 1.10 0.00	45.88 0.91 0.00	42.37 0.71 0.00	36.14 0.64 0.00	37.11 0.79 0.00	33.47 0.61 0.00	27.85 0.51 0.00	26.07 0.56 0.00	27.01 0.61 0.00	29.68 0.51 0.00	35.55 0.63 0.00	52.72 0.94 0.00	45.91 0.55 0.00	47.69 0.48 0.00	50.78 0.65 0.00	50.09 1.13 0.00	43.38 1.18 0.00	39.57 1.13 0.00	39.18 1.13 0.00
QUAKERRD_115KV_BK1 80622	36.45 -2.53 0.00	28.44 -2.06 0.00	27.63 -1.94 0.00	31.71 -2.16 0.00	32.84 -2.23 0.00	33.21 -2.19 0.00	42.40 -2.57 0.00	39.11 -2.56 0.00	33.49 -2.01 0.00	34.38 -1.93 0.00	31.10 -1.76 0.00	25.84 -1.49 0.00	24.21 -1.31 0.00	24.96 -1.44 0.00	27.40 -1.77 0.00	32.62 -2.30 0.00	48.51 -3.25 0.00	42.59 -2.76 0.00	44.48 -2.74 0.00	47.07 -3.06 0.00	45.54 -3.24 0.18	38.48 -3.21 0.51	35.39 -3.05 0.00	34.99 -3.05 0.00
QUENSBRY_115KV_TB8 356137	40.99 2.02 0.00	32.03 1.53 0.00	30.98 1.40 0.00	35.26 1.39 0.00	36.54 1.47 0.00	36.60 1.20 0.00	46.85 1.88 0.00	43.48 1.82 0.00	36.70 1.20 0.00	37.04 0.73 0.00	33.37 0.52 0.00	27.74 0.42 0.00	25.84 0.32 0.00	26.81 0.41 0.00	29.76 0.59 0.00	35.95 1.03 0.00	53.68 1.91 0.00	47.27 1.92 0.00	49.21 2.00 0.00	52.04 1.91 0.00	50.68 1.71 0.00	43.50 1.31 0.00	39.73 1.29 0.00	39.19 1.14 0.00
RAMAPO___LBMP 323565	40.23 1.25 0.00	31.46 0.96 0.00	30.43 0.86 0.00	34.84 0.97 0.00	36.19 1.13 0.00	36.63 1.23 0.00	47.00 2.04 0.00	43.74 2.08 0.00	37.14 1.64 0.00	37.61 1.30 0.00	34.06 1.20 0.00	28.36 1.03 0.00	26.41 0.90 0.00	27.35 0.95 0.00	30.31 1.14 0.00	36.23 1.31 0.00	53.80 2.03 0.00	47.65 2.30 0.00	49.79 2.57 0.00	52.68 2.55 0.00	51.17 2.21 0.00	43.76 1.57 0.00	39.84 1.40 0.00	39.49 1.44 0.00
RANKINE____ 23646	36.28 -2.70 0.00	28.26 -2.25 0.00	27.53 -2.05 0.00	31.71 -2.16 0.00	32.76 -2.31 0.00	33.04 -2.36 0.00	42.14 -2.83 0.00	38.83 -2.83 0.00	33.36 -2.14 0.00	34.38 -1.93 0.00	31.13 -1.73 0.00	25.88 -1.45 0.00	24.39 -1.13 0.00	25.20 -1.20 0.00	27.56 -1.61 0.00	32.61 -2.32 0.00	48.21 -3.56 0.00	42.06 -3.30 0.00	44.03 -3.19 0.00	46.52 -3.61 0.00	44.72 -3.93 0.31	37.33 -3.99 0.88	34.71 -3.72 0.00	34.37 -3.68 0.00
RAVENSWOOD_GT2_1 24244	40.64 1.67 0.00	31.76 1.26 0.00	30.67 1.09 0.00	35.08 1.21 0.00	36.46 1.39 0.00	36.91 1.51 0.00	47.34 2.37 0.00	44.18 2.52 0.00	37.64 2.14 0.00	38.19 1.87 0.00	34.63 1.77 0.00	29.91 1.54 -1.04	27.96 1.38 -1.07	27.92 1.46 -0.07	31.33 1.69 -0.47	36.87 1.95 0.00	54.62 2.85 0.00	48.26 2.91 0.00	50.36 3.14 0.00	53.32 3.19 0.00	51.61 2.65 0.00	44.25 2.06 0.00	40.30 1.86 0.00	39.93 1.88 0.00
RAVENSWOOD_GT2_2 24245	40.64 1.67 0.00	31.76 1.26 0.00	30.67 1.09 0.00	35.08 1.21 0.00	36.46 1.39 0.00	36.91 1.51 0.00	47.34 2.37 0.00	44.18 2.52 0.00	37.64 2.14 0.00	38.19 1.87 0.00	34.63 1.77 0.00	29.91 1.54 -1.04	27.96 1.38 -1.07	27.92 1.46 -0.07	31.33 1.69 -0.47	36.87 1.95 0.00	54.62 2.85 0.00	48.26 2.91 0.00	50.36 3.14 0.00	53.32 3.19 0.00	51.61 2.65 0.00	44.25 2.06 0.00	40.30 1.86 0.00	39.93 1.88 0.00
RAVENSWOOD_GT2_3 24246	40.66 1.68 0.00	31.77 1.27 0.00	30.68 1.11 0.00	35.10 1.23 0.00	36.47 1.41 0.00	36.93 1.53 0.00	47.36 2.39 0.00	44.21 2.54 0.00	37.66 2.16 0.00	38.21 1.89 0.00	34.65 1.79 0.00	29.93 1.56 -1.04	27.98 1.40 -1.07	27.94 1.47 -0.07	31.35 1.71 -0.47	36.89 1.97 0.00	54.67 2.90 0.00	48.29 2.94 0.00	50.39 3.18 0.00	53.34 3.21 0.00	51.65 2.69 0.00	44.27 2.07 0.00	40.32 1.88 0.00	39.96 1.91 0.00
RAVENSWOOD_GT2_4 24247	40.66 1.68 0.00	31.77 1.27 0.00	30.68 1.11 0.00	35.10 1.23 0.00	36.47 1.41 0.00	36.93 1.53 0.00	47.36 2.39 0.00	44.21 2.54 0.00	37.66 2.16 0.00	38.21 1.89 0.00	34.65 1.79 0.00	29.93 1.56 -1.04	27.98 1.40 -1.07	27.94 1.47 -0.07	31.35 1.71 -0.47	36.89 1.97 0.00	54.67 2.90 0.00	48.29 2.94 0.00	50.39 3.18 0.00	53.34 3.21 0.00	51.65 2.69 0.00	44.27 2.07 0.00	40.32 1.88 0.00	39.96 1.91 0.00
RAVENSWOOD_GT3_1 24248	40.65 1.68 0.00	31.77 1.26 0.00	30.67 1.09 0.00	35.08 1.22 0.00	36.47 1.40 0.00	36.91 1.51 0.00	47.34 2.38 0.00	44.18 2.52 0.00	37.64 2.14 0.00	38.19 1.88 0.00	34.63 1.78 0.00	29.92 1.55 -1.04	27.97 1.38 -1.07	27.93 1.46 -0.07	31.34 1.69 -0.47	36.87 1.95 0.00	54.63 2.86 0.00	48.28 2.92 0.00	50.37 3.15 0.00	53.33 3.20 0.00	51.62 2.66 0.00	44.26 2.06 0.00	40.31 1.87 0.00	39.95 1.90 0.00

RAVENSWOOD_GT3_2 24249	40.65 1.68 0.00	31.77 1.26 0.00	30.67 1.09 0.00	35.08 1.22 0.00	36.47 1.40 0.00	36.91 1.51 0.00	47.34 2.38 0.00	44.18 2.52 0.00	37.64 2.14 0.00	38.19 1.88 0.00	34.63 1.78 0.00	29.92 1.55 -1.04	27.97 1.38 -1.07	27.93 1.46 -0.07	31.34 1.69 -0.47	36.87 1.95 0.00	54.63 2.86 0.00	48.28 2.92 0.00	50.37 3.15 0.00	53.33 3.20 0.00	51.62 2.66 0.00	44.26 2.06 0.00	40.31 1.87 0.00	39.95 1.90 0.00
RAVENSWOOD_GT3_3 24250	40.70 1.72 0.00	31.80 1.30 0.00	30.71 1.14 0.00	35.14 1.27 0.00	36.51 1.44 0.00	36.96 1.56 0.00	47.41 2.44 0.00	44.26 2.59 0.00	37.70 2.20 0.00	38.26 1.94 0.00	34.69 1.84 0.00	29.96 1.59 -1.04	28.01 1.43 -1.07	27.98 1.51 -0.07	31.38 1.74 -0.47	36.93 2.02 0.00	54.72 2.95 0.00	48.34 2.99 0.00	50.45 3.23 0.00	53.42 3.29 0.00	51.71 2.75 0.00	44.32 2.12 0.00	40.37 1.93 0.00	40.00 1.95 0.00
RAVENSWOOD_GT3_4 24251	40.70 1.72 0.00	31.80 1.30 0.00	30.71 1.14 0.00	35.14 1.27 0.00	36.51 1.44 0.00	36.96 1.56 0.00	47.41 2.44 0.00	44.26 2.59 0.00	37.70 2.20 0.00	38.26 1.94 0.00	34.69 1.84 0.00	29.96 1.59 -1.04	28.01 1.43 -1.07	27.98 1.51 -0.07	31.38 1.74 -0.47	36.93 2.02 0.00	54.72 2.95 0.00	48.34 2.99 0.00	50.45 3.23 0.00	53.42 3.29 0.00	51.71 2.75 0.00	44.32 2.12 0.00	40.37 1.93 0.00	40.00 1.95 0.00
RAVENSWOOD_GT_1 23729	40.69 1.72 0.00	31.79 1.30 0.00	30.69 1.12 0.00	35.11 1.24 0.00	36.50 1.43 0.00	36.98 1.57 0.00	47.43 2.46 0.00	44.27 2.60 0.00	37.73 2.22 0.00	38.30 1.99 0.00	34.74 1.88 0.00	30.04 1.67 -1.04	28.06 1.48 -1.07	28.02 1.56 -0.07	31.39 1.75 -0.47	36.97 2.05 0.00	54.73 2.96 0.00	48.35 3.00 0.00	50.44 3.22 0.00	53.41 3.28 0.00	51.70 2.74 0.00	44.33 2.14 0.00	40.38 1.94 0.00	40.00 1.95 0.00
RAVENSWOOD_GT_10 24258	40.65 1.67 0.00	31.77 1.26 0.00	30.67 1.09 0.00	35.08 1.22 0.00	36.47 1.40 0.00	36.91 1.51 0.00	47.34 2.38 0.00	44.18 2.52 0.00	37.64 2.14 0.00	38.19 1.88 0.00	34.63 1.78 0.00	29.92 1.55 -1.04	27.97 1.39 -1.07	27.93 1.46 -0.07	31.33 1.69 -0.47	36.87 1.95 0.00	54.63 2.86 0.00	48.28 2.92 0.00	50.37 3.15 0.00	53.33 3.20 0.00	51.62 2.66 0.00	44.26 2.06 0.00	40.31 1.87 0.00	39.95 1.90 0.00
RAVENSWOOD_GT_11 24259	40.65 1.67 0.00	31.77 1.26 0.00	30.67 1.09 0.00	35.08 1.22 0.00	36.47 1.40 0.00	36.91 1.51 0.00	47.34 2.38 0.00	44.18 2.52 0.00	37.64 2.14 0.00	38.19 1.88 0.00	34.63 1.78 0.00	29.92 1.55 -1.04	27.97 1.39 -1.07	27.93 1.46 -0.07	31.33 1.69 -0.47	36.87 1.95 0.00	54.63 2.86 0.00	48.28 2.92 0.00	50.37 3.15 0.00	53.33 3.20 0.00	51.62 2.66 0.00	44.26 2.06 0.00	40.31 1.87 0.00	39.95 1.90 0.00
RAVENSWOOD_GT_4 24252	40.66 1.68 0.00	31.77 1.27 0.00	30.67 1.10 0.00	35.09 1.22 0.00	36.47 1.40 0.00	36.91 1.51 0.00	47.34 2.38 0.00	44.18 2.52 0.00	37.64 2.14 0.00	38.19 1.88 0.00	34.64 1.78 0.00	29.94 1.57 -1.04	28.00 1.41 -1.07	27.94 1.48 -0.07	31.33 1.69 -0.47	36.87 1.95 0.00	54.63 2.86 0.00	48.28 2.93 0.00	50.39 3.17 0.00	53.34 3.21 0.00	51.62 2.67 0.00	44.26 2.07 0.00	40.31 1.87 0.00	39.95 1.90 0.00
RAVENSWOOD_GT_5 24254	40.66 1.68 0.00	31.77 1.27 0.00	30.67 1.10 0.00	35.09 1.22 0.00	36.47 1.40 0.00	36.91 1.51 0.00	47.34 2.38 0.00	44.18 2.52 0.00	37.64 2.14 0.00	38.19 1.88 0.00	34.64 1.78 0.00	29.94 1.57 -1.04	28.00 1.41 -1.07	27.94 1.48 -0.07	31.33 1.69 -0.47	36.87 1.95 0.00	54.63 2.86 0.00	48.28 2.93 0.00	50.39 3.17 0.00	53.34 3.21 0.00	51.62 2.67 0.00	44.26 2.07 0.00	40.31 1.87 0.00	39.95 1.90 0.00
RAVENSWOOD_GT_6 24253	40.66 1.68 0.00	31.77 1.27 0.00	30.67 1.10 0.00	35.09 1.22 0.00	36.47 1.40 0.00	36.91 1.51 0.00	47.34 2.38 0.00	44.18 2.52 0.00	37.64 2.14 0.00	38.19 1.88 0.00	34.64 1.78 0.00	29.94 1.57 -1.04	28.00 1.41 -1.07	27.94 1.48 -0.07	31.33 1.69 -0.47	36.87 1.95 0.00	54.63 2.86 0.00	48.28 2.93 0.00	50.39 3.17 0.00	53.34 3.21 0.00	51.62 2.67 0.00	44.26 2.07 0.00	40.31 1.87 0.00	39.95 1.90 0.00
RAVENSWOOD_GT_7 24255	40.66 1.68 0.00	31.77 1.27 0.00	30.67 1.10 0.00	35.09 1.22 0.00	36.47 1.40 0.00	36.91 1.51 0.00	47.34 2.38 0.00	44.18 2.52 0.00	37.64 2.14 0.00	38.19 1.88 0.00	34.64 1.78 0.00	29.94 1.57 -1.04	28.00 1.41 -1.07	27.94 1.48 -0.07	31.33 1.69 -0.47	36.87 1.95 0.00	54.63 2.86 0.00	48.28 2.93 0.00	50.39 3.17 0.00	53.34 3.21 0.00	51.62 2.67 0.00	44.26 2.07 0.00	40.31 1.87 0.00	39.95 1.90 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.65 1.67 0.00	31.77 1.26 0.00	30.67 1.09 0.00	35.08 1.22 0.00	36.47 1.40 0.00	36.91 1.51 0.00	47.34 2.38 0.00	44.18 2.52 0.00	37.64 2.14 0.00	38.19 1.88 0.00	34.63 1.78 0.00	29.92 1.55 -1.04	27.97 1.39 -1.07	27.93 1.46 -0.07	31.33 1.69 -0.47	36.87 1.95 0.00	54.63 2.86 0.00	48.28 2.92 0.00	50.37 3.15 0.00	53.33 3.20 0.00	51.62 2.66 0.00	44.26 2.06 0.00	40.31 1.87 0.00	39.95 1.90 0.00
RAVENSWOOD_GT_9 24257	40.65 1.67 0.00	31.77 1.26 0.00	30.67 1.09 0.00	35.08 1.22 0.00	36.47 1.40 0.00	36.91 1.51 0.00	47.34 2.38 0.00	44.18 2.52 0.00	37.64 2.14 0.00	38.19 1.88 0.00	34.63 1.78 0.00	29.92 1.55 -1.04	27.97 1.39 -1.07	27.93 1.46 -0.07	31.33 1.69 -0.47	36.87 1.95 0.00	54.63 2.86 0.00	48.28 2.92 0.00	50.37 3.15 0.00	53.33 3.20 0.00	51.62 2.66 0.00	44.26 2.06 0.00	40.31 1.87 0.00	39.95 1.90 0.00
RAVENSWOOD___1 23533	40.64 1.66 0.00	31.75 1.24 0.00	30.65 1.08 0.00	35.06 1.19 0.00	36.45 1.39 0.00	36.91 1.51 0.00	47.35 2.38 0.00	44.18 2.52 0.00	37.66 2.16 0.00	38.22 1.91 0.00	34.66 1.80 0.00	29.88 1.52 -1.04	27.90 1.31 -1.08	27.92 1.44 -0.07	31.33 1.68 -0.48	36.89 1.97 0.00	54.64 2.87 0.00	48.26 2.90 0.00	50.34 3.12 0.00	53.31 3.18 0.00	51.60 2.63 0.00	44.27 2.07 0.00	40.32 1.88 0.00	39.95 1.90 0.00
RAVENSWOOD___2 23534	40.64 1.66 0.00	31.75 1.24 0.00	30.65 1.08 0.00	35.06 1.19 0.00	36.45 1.39 0.00	36.91 1.51 0.00	47.35 2.38 0.00	44.18 2.52 0.00	37.66 2.16 0.00	38.22 1.91 0.00	34.66 1.80 0.00	29.88 1.52 -1.04	27.90 1.31 -1.08	27.92 1.44 -0.07	31.33 1.68 -0.48	36.89 1.97 0.00	54.64 2.87 0.00	48.26 2.90 0.00	50.34 3.12 0.00	53.31 3.18 0.00	51.60 2.63 0.00	44.27 2.07 0.00	40.32 1.88 0.00	39.95 1.90 0.00
RAVENSWOOD___3 23535	40.65 1.67 0.00	31.76 1.26 0.00	30.66 1.09 0.00	35.08 1.22 0.00	36.46 1.40 0.00	36.91 1.51 0.00	47.34 2.37 0.00	44.18 2.52 0.00	37.64 2.14 0.00	38.19 1.88 0.00	34.64 1.78 0.00	29.92 1.55 -1.04	27.97 1.39 -1.08	27.94 1.46 -0.07	31.34 1.69 -0.48	36.87 1.95 0.00	54.63 2.86 0.00	48.27 2.92 0.00	50.37 3.15 0.00	53.33 3.20 0.00	51.62 2.65 0.00	44.26 2.07 0.00	40.31 1.87 0.00	39.95 1.90 0.00

RAVENSWOOD___4 23820	40.64 1.66 0.00	31.75 1.24 0.00	30.65 1.08 0.00	35.06 1.19 0.00	36.45 1.39 0.00	36.91 1.51 0.00	47.35 2.38 0.00	44.18 2.52 0.00	37.66 2.16 0.00	38.22 1.91 0.00	34.66 1.80 0.00	29.88 1.52 -1.04	27.90 1.31 -1.08	27.92 1.44 -0.07	31.33 1.68 -0.48	36.89 1.97 0.00	54.64 2.87 0.00	48.26 2.90 0.00	50.34 3.12 0.00	53.31 3.18 0.00	51.60 2.63 0.00	44.27 2.07 0.00	40.32 1.88 0.00	39.95 1.90 0.00
RCPI_TRUST___DRP 24196	40.64 1.67 0.00	31.77 1.26 0.00	30.67 1.09 0.00	35.08 1.22 0.00	36.47 1.40 0.00	36.93 1.52 0.00	47.37 2.40 0.00	44.23 2.57 0.00	37.70 2.19 0.00	38.26 1.95 0.00	34.70 1.84 0.00	29.96 1.61 -1.02	28.01 1.45 -1.05	27.98 1.52 -0.06	31.39 1.76 -0.46	36.94 2.02 0.00	54.74 2.97 0.00	48.36 3.01 0.00	50.47 3.26 0.00	53.42 3.29 0.00	51.69 2.73 0.00	44.28 2.08 0.00	40.31 1.87 0.00	39.96 1.91 0.00
RED___ROCHESTER 323720	36.93 -1.74 0.31	27.43 -1.46 1.61	26.66 -1.34 1.57	30.49 -1.45 1.93	32.49 -1.52 1.06	33.11 -1.47 0.82	41.28 -1.63 2.06	37.19 -1.65 2.82	33.84 -1.20 0.47	35.27 -1.04 0.00	31.90 -0.96 0.00	26.53 -0.80 0.00	24.87 -0.65 0.00	25.64 -0.75 0.00	28.08 -1.09 0.00	33.36 -1.55 0.00	49.58 -2.19 0.00	43.56 -1.79 0.00	45.55 -1.66 0.00	48.18 -1.95 0.00	46.57 -2.19 0.20	39.23 -2.41 0.56	36.12 -2.32 0.00	35.69 -2.36 0.00
REGAN___SOLAR 323812	42.85 3.88 0.00	33.42 2.92 0.00	32.39 2.82 0.00	37.14 3.27 0.00	38.52 3.46 0.00	39.13 3.73 0.00	50.33 5.36 0.00	46.78 5.12 0.00	39.27 3.77 0.00	38.69 2.38 0.00	34.32 1.47 0.00	28.40 1.07 0.00	26.52 1.01 0.00	27.42 1.02 0.00	30.23 1.07 0.00	36.29 1.37 0.00	55.93 4.16 0.00	50.66 5.31 0.00	53.00 5.79 0.00	56.03 5.90 0.00	54.43 5.47 0.00	46.66 4.47 0.00	42.26 3.82 0.00	41.72 3.67 0.00
RENSSELAER___COGEN 23796	39.43 0.45 0.00	30.89 0.39 0.00	29.95 0.37 0.00	34.25 0.37 0.00	35.47 0.40 0.00	35.81 0.41 0.00	45.79 0.82 0.00	42.60 0.93 0.00	36.03 0.52 0.00	36.47 0.15 0.00	33.01 0.15 0.00	27.53 0.20 0.00	25.67 0.15 0.00	26.58 0.18 0.00	29.43 0.26 0.00	35.35 0.43 0.00	52.42 0.65 0.00	46.24 0.89 0.00	48.17 0.96 0.00	51.38 1.25 0.00	50.11 1.15 0.00	43.05 0.85 0.00	39.28 0.84 0.00	38.88 0.83 0.00
REPUBLIC_115KV_BARTNBRK 55605	42.83 3.86 0.00	33.33 2.84 0.00	32.10 2.53 0.00	36.49 2.62 0.00	38.22 3.16 0.00	38.34 2.94 0.00	49.38 4.41 0.00	45.70 4.04 0.00	38.44 2.94 0.00	38.75 2.43 0.00	34.75 1.89 0.00	28.91 1.58 0.00	26.92 1.40 0.00	27.88 1.48 0.00	31.15 1.98 0.00	37.70 2.78 0.00	56.44 4.67 0.00	49.38 4.03 0.00	51.27 4.06 0.00	53.98 3.85 0.00	52.63 3.67 0.00	45.27 3.07 0.00	41.51 3.07 0.00	40.83 2.78 0.00
REVERE_CPPR_DRP 24186	40.06 1.09 0.00	31.29 0.79 0.00	30.34 0.77 0.00	34.77 0.90 0.00	36.02 0.95 0.00	36.44 1.04 0.00	46.69 1.72 0.00	43.36 1.70 0.00	36.85 1.35 0.00	37.24 0.93 0.00	33.50 0.64 0.00	27.81 0.48 0.00	25.97 0.45 0.00	26.83 0.44 0.00	29.64 0.47 0.00	35.58 0.66 0.00	53.45 1.68 0.00	47.21 1.86 0.00	49.26 2.05 0.00	52.26 2.13 0.00	50.87 1.91 0.00	43.65 1.45 0.00	39.70 1.26 0.00	39.23 1.18 0.00
REYNOLDS_115KV_TB3 80639	39.77 0.79 0.00	31.17 0.67 0.00	30.21 0.64 0.00	34.55 0.68 0.00	35.77 0.70 0.00	36.10 0.70 0.00	46.16 1.19 0.00	42.93 1.27 0.00	36.29 0.79 0.00	36.75 0.44 0.00	33.28 0.43 0.00	27.76 0.43 0.00	25.87 0.36 0.00	26.80 0.40 0.00	29.68 0.51 0.00	35.67 0.75 0.00	52.81 1.04 0.00	46.55 1.20 0.00	48.50 1.28 0.00	51.60 1.47 0.00	50.30 1.34 0.00	43.23 1.03 0.00	39.48 1.04 0.00	39.08 1.03 0.00
RIVERBAY____ 323610	40.80 1.82 0.00	31.87 1.37 0.00	30.74 1.17 0.00	35.18 1.31 0.00	36.60 1.53 0.00	37.09 1.69 0.00	47.60 2.63 0.00	44.41 2.75 0.00	37.81 2.31 0.00	38.30 1.99 0.00	34.72 1.87 0.00	29.87 1.51 -1.03	27.86 1.28 -1.06	27.89 1.42 -0.07	31.29 1.65 -0.47	36.91 1.99 0.00	54.66 2.89 0.00	48.39 3.04 0.00	50.48 3.27 0.00	53.48 3.35 0.00	51.74 2.78 0.00	44.36 2.17 0.00	40.32 1.89 0.00	39.93 1.88 0.00
RIVERSDE_115KV_TB3 55908	39.61 0.63 0.00	31.04 0.54 0.00	30.09 0.52 0.00	34.41 0.54 0.00	35.63 0.56 0.00	35.97 0.57 0.00	46.00 1.03 0.00	42.79 1.13 0.00	36.18 0.68 0.00	36.63 0.32 0.00	33.17 0.31 0.00	27.66 0.33 0.00	25.79 0.27 0.00	26.71 0.31 0.00	29.57 0.40 0.00	35.54 0.62 0.00	52.66 0.89 0.00	46.44 1.08 0.00	48.37 1.16 0.00	51.54 1.41 0.00	50.26 1.29 0.00	43.18 0.98 0.00	39.42 0.97 0.00	39.00 0.95 0.00
ROARING___BROOK_WT_PWR 323790	39.18 0.20 0.00	30.68 0.18 0.00	29.71 0.14 0.00	33.99 0.12 0.00	35.16 0.09 0.00	35.38 -0.02 0.00	44.73 -0.24 0.00	41.40 -0.27 0.00	35.37 -0.13 0.00	36.33 0.02 0.00	32.85 0.00 0.00	27.35 0.03 0.00	25.58 0.07 0.00	26.47 0.08 0.00	29.23 0.07 0.00	34.93 0.01 0.00	51.65 -0.12 0.00	44.96 -0.39 0.00	46.68 -0.53 0.00	49.54 -0.59 0.00	48.72 -0.24 0.00	42.21 0.01 0.00	38.53 0.09 0.00	38.21 0.16 0.00
ROCHESRG_115KV_T4 355643	36.85 -2.12 0.00	28.75 -1.75 0.00	27.95 -1.62 0.00	32.11 -1.76 0.00	33.22 -1.84 0.00	33.58 -1.82 0.00	42.85 -2.12 0.00	39.50 -2.17 0.00	33.88 -1.62 0.00	34.84 -1.47 0.00	31.53 -1.33 0.00	26.21 -1.12 0.00	24.58 -0.94 0.00	25.35 -1.05 0.00	27.78 -1.38 0.00	33.01 -1.91 0.00	49.00 -2.77 0.00	42.99 -2.36 0.00	44.95 -2.26 0.00	47.53 -2.60 0.00	45.98 -2.79 0.19	38.78 -2.87 0.55	35.70 -2.74 0.00	35.31 -2.74 0.00
ROCHESTER_9_IC 23652	37.06 -1.91 0.00	28.90 -1.60 0.00	28.10 -1.48 0.00	32.27 -1.60 0.00	33.40 -1.67 0.00	33.77 -1.63 0.00	43.12 -1.85 0.00	39.77 -1.89 0.00	34.12 -1.38 0.00	35.07 -1.24 0.00	31.75 -1.11 0.00	26.39 -0.94 0.00	24.75 -0.77 0.00	25.51 -0.89 0.00	27.96 -1.21 0.00	33.22 -1.70 0.00	49.32 -2.45 0.00	43.29 -2.06 0.00	45.27 -1.94 0.00	47.87 -2.26 0.00	46.30 -2.46 0.20	39.02 -2.62 0.56	35.92 -2.52 0.00	35.51 -2.54 0.00
ROCKVIEW_13_KV_LD 356306	40.68 1.70 0.00	31.79 1.29 0.00	30.73 1.16 0.00	35.15 1.28 0.00	36.52 1.46 0.00	36.96 1.56 0.00	47.42 2.46 0.00	44.23 2.57 0.00	37.63 2.12 0.00	38.12 1.80 0.00	34.55 1.69 0.00	28.80 1.46 -0.02	26.83 1.30 -0.02	27.78 1.38 0.00	30.78 1.60 -0.01	36.78 1.86 0.00	54.59 2.82 0.00	48.30 2.95 0.00	50.43 3.21 0.00	53.38 3.25 0.00	51.75 2.79 0.00	44.32 2.12 0.00	40.35 1.91 0.00	39.97 1.92 0.00
ROME____115KV_TB2 80656	40.06 1.09 0.00	31.29 0.79 0.00	30.34 0.77 0.00	34.77 0.90 0.00	36.02 0.95 0.00	36.44 1.04 0.00	46.69 1.72 0.00	43.36 1.70 0.00	36.85 1.35 0.00	37.24 0.93 0.00	33.50 0.64 0.00	27.81 0.48 0.00	25.97 0.45 0.00	26.83 0.44 0.00	29.64 0.47 0.00	35.58 0.66 0.00	53.45 1.68 0.00	47.21 1.86 0.00	49.26 2.05 0.00	52.26 2.13 0.00	50.87 1.91 0.00	43.65 1.45 0.00	39.70 1.26 0.00	39.23 1.18 0.00

ROSETON___1 23587	40.25 1.27 0.00	31.47 0.97 0.00	30.45 0.88 0.00	34.85 0.99 0.00	36.19 1.13 0.00	36.59 1.19 0.00	46.90 1.93 0.00	43.67 2.00 0.00	37.11 1.61 0.00	37.58 1.26 0.00	34.03 1.17 0.00	28.34 1.01 0.00	26.41 0.89 0.00	27.35 0.95 0.00	30.30 1.13 0.00	36.25 1.33 0.00	53.82 2.05 0.00	47.59 2.24 0.00	49.66 2.44 0.00	52.58 2.44 0.00	51.04 2.08 0.00	43.75 1.55 0.00	39.86 1.43 0.00	39.51 1.46 0.00
ROSETON___2 23588	40.25 1.27 0.00	31.47 0.97 0.00	30.45 0.88 0.00	34.85 0.99 0.00	36.19 1.13 0.00	36.59 1.19 0.00	46.90 1.93 0.00	43.67 2.00 0.00	37.11 1.61 0.00	37.58 1.26 0.00	34.03 1.17 0.00	28.34 1.01 0.00	26.41 0.89 0.00	27.35 0.95 0.00	30.30 1.13 0.00	36.25 1.33 0.00	53.82 2.05 0.00	47.59 2.24 0.00	49.66 2.44 0.00	52.58 2.44 0.00	51.04 2.08 0.00	43.75 1.55 0.00	39.86 1.43 0.00	39.51 1.46 0.00
ROTTTRDAM_115KV_TB3 80664	40.00 1.02 0.00	31.30 0.80 0.00	30.34 0.77 0.00	34.71 0.84 0.00	35.95 0.88 0.00	36.28 0.89 0.00	46.36 1.39 0.00	43.08 1.42 0.00	36.54 1.04 0.00	37.05 0.74 0.00	33.50 0.64 0.00	27.88 0.54 0.00	26.00 0.48 0.00	26.91 0.51 0.00	29.80 0.63 0.00	35.76 0.84 0.00	53.23 1.46 0.00	46.89 1.54 0.00	48.85 1.64 0.00	51.78 1.65 0.00	50.43 1.47 0.00	43.33 1.13 0.00	39.49 1.05 0.00	39.07 1.02 0.00
RUSSELL___1 23602	37.24 -1.73 0.00	29.03 -1.47 0.00	28.21 -1.36 0.00	32.41 -1.46 0.00	33.54 -1.53 0.00	33.92 -1.48 0.00	43.34 -1.64 0.00	39.98 -1.68 0.00	34.30 -1.20 0.00	35.27 -1.04 0.00	31.91 -0.94 0.00	26.54 -0.79 0.00	24.87 -0.64 0.00	25.64 -0.75 0.00	28.08 -1.09 0.00	33.36 -1.55 0.00	49.59 -2.18 0.00	43.56 -1.80 0.00	45.56 -1.66 0.00	48.17 -1.96 0.00	46.57 -2.19 0.20	39.24 -2.40 0.56	36.11 -2.33 0.00	35.69 -2.36 0.00
RUSSELL___2 23532	37.24 -1.73 0.00	29.03 -1.47 0.00	28.21 -1.36 0.00	32.41 -1.46 0.00	33.54 -1.53 0.00	33.92 -1.48 0.00	43.34 -1.64 0.00	39.98 -1.68 0.00	34.30 -1.20 0.00	35.27 -1.04 0.00	31.91 -0.94 0.00	26.54 -0.79 0.00	24.87 -0.64 0.00	25.64 -0.75 0.00	28.08 -1.09 0.00	33.36 -1.55 0.00	49.59 -2.18 0.00	43.56 -1.80 0.00	45.56 -1.66 0.00	48.17 -1.96 0.00	46.57 -2.19 0.20	39.24 -2.40 0.56	36.11 -2.33 0.00	35.69 -2.36 0.00
RUSSELL___3 23549	37.24 -1.73 0.00	29.03 -1.47 0.00	28.21 -1.36 0.00	32.41 -1.46 0.00	33.54 -1.53 0.00	33.92 -1.48 0.00	43.34 -1.64 0.00	39.98 -1.68 0.00	34.30 -1.20 0.00	35.27 -1.04 0.00	31.91 -0.94 0.00	26.54 -0.79 0.00	24.87 -0.64 0.00	25.64 -0.75 0.00	28.08 -1.09 0.00	33.36 -1.55 0.00	49.59 -2.18 0.00	43.56 -1.80 0.00	45.56 -1.66 0.00	48.17 -1.96 0.00	46.57 -2.19 0.20	39.24 -2.40 0.56	36.11 -2.33 0.00	35.69 -2.36 0.00
RUSSELL___4 23556	37.24 -1.73 0.00	29.03 -1.47 0.00	28.21 -1.36 0.00	32.41 -1.46 0.00	33.54 -1.53 0.00	33.92 -1.48 0.00	43.34 -1.64 0.00	39.98 -1.68 0.00	34.30 -1.20 0.00	35.27 -1.04 0.00	31.91 -0.94 0.00	26.54 -0.79 0.00	24.87 -0.64 0.00	25.64 -0.75 0.00	28.08 -1.09 0.00	33.36 -1.55 0.00	49.59 -2.18 0.00	43.56 -1.80 0.00	45.56 -1.66 0.00	48.17 -1.96 0.00	46.57 -2.19 0.20	39.24 -2.40 0.56	36.11 -2.33 0.00	35.69 -2.36 0.00
RUSSELL___STATION 23914	37.24 -1.73 0.00	29.03 -1.47 0.00	28.21 -1.36 0.00	32.41 -1.46 0.00	33.54 -1.53 0.00	33.92 -1.48 0.00	43.34 -1.64 0.00	39.98 -1.68 0.00	34.30 -1.20 0.00	35.27 -1.04 0.00	31.91 -0.94 0.00	26.54 -0.79 0.00	24.87 -0.64 0.00	25.64 -0.75 0.00	28.08 -1.09 0.00	33.36 -1.55 0.00	49.59 -2.18 0.00	43.56 -1.80 0.00	45.56 -1.66 0.00	48.17 -1.96 0.00	46.57 -2.19 0.20	39.24 -2.40 0.56	36.11 -2.33 0.00	35.69 -2.36 0.00
S SALMON___HYD 24043	37.98 -1.00 0.00	29.65 -0.85 0.00	28.74 -0.84 0.00	32.92 -0.95 0.00	34.08 -0.99 0.00	34.29 -1.11 0.00	43.81 -1.16 0.00	40.48 -1.18 0.00	34.48 -1.02 0.00	35.01 -1.31 0.00	31.45 -1.41 0.00	26.17 -1.16 0.00	24.48 -1.03 0.00	25.27 -1.13 0.00	27.81 -1.36 0.00	33.28 -1.63 0.00	49.89 -1.88 0.00	44.08 -1.28 0.00	45.99 -1.23 0.00	48.78 -1.35 0.00	47.56 -1.41 0.00	40.91 -1.29 0.00	37.28 -1.17 0.00	36.86 -1.19 0.00
S.PERRY___115KV_TB1 80734	37.78 -1.20 0.00	29.41 -1.09 0.00	28.61 -0.96 0.00	32.97 -0.90 0.00	34.20 -0.86 0.00	34.60 -0.80 0.00	44.30 -0.68 0.00	41.13 -0.53 0.00	35.15 -0.36 0.00	35.88 -0.44 0.00	32.38 -0.47 0.00	26.83 -0.50 0.00	25.13 -0.39 0.00	25.83 -0.57 0.00	28.20 -0.97 0.00	33.35 -1.57 0.00	50.30 -1.47 0.00	44.72 -0.63 0.00	46.82 -0.39 0.00	49.44 -0.69 0.00	47.03 -1.30 0.63	38.68 -1.76 1.76	36.78 -1.66 0.00	36.36 -1.69 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.86 -3.12 0.00	27.95 -2.54 0.00	27.23 -2.34 0.00	31.36 -2.51 0.00	32.38 -2.69 0.00	32.66 -2.74 0.00	41.58 -3.39 0.00	38.30 -3.37 0.00	32.94 -2.56 0.00	34.01 -2.31 0.00	30.77 -2.09 0.00	25.57 -1.76 0.00	24.09 -1.42 0.00	24.89 -1.51 0.00	27.22 -1.95 0.00	32.19 -2.73 0.00	47.54 -4.23 0.00	41.48 -3.88 0.00	43.43 -3.79 0.00	45.89 -4.24 0.00	44.20 -4.47 0.29	36.96 -4.43 0.81	34.31 -4.13 0.00	33.96 -4.09 0.00
SAWYER___23_KV_LOAD 55526	35.86 -3.12 0.00	27.95 -2.54 0.00	27.23 -2.34 0.00	31.36 -2.51 0.00	32.38 -2.69 0.00	32.66 -2.74 0.00	41.58 -3.39 0.00	38.30 -3.37 0.00	32.94 -2.56 0.00	34.01 -2.31 0.00	30.77 -2.09 0.00	25.57 -1.76 0.00	24.09 -1.42 0.00	24.89 -1.51 0.00	27.22 -1.95 0.00	32.19 -2.73 0.00	47.54 -4.23 0.00	41.48 -3.88 0.00	43.43 -3.79 0.00	45.89 -4.24 0.00	44.20 -4.47 0.29	36.96 -4.43 0.81	34.31 -4.13 0.00	33.96 -4.09 0.00
SELKIRK___I 23801	39.83 0.85 0.00	31.19 0.69 0.00	30.26 0.68 0.00	34.61 0.74 0.00	35.80 0.73 0.00	36.16 0.76 0.00	46.19 1.22 0.00	42.96 1.29 0.00	36.30 0.80 0.00	36.71 0.40 0.00	33.19 0.34 0.00	27.67 0.34 0.00	25.83 0.31 0.00	26.73 0.33 0.00	29.58 0.41 0.00	35.61 0.69 0.00	53.02 1.25 0.00	46.75 1.39 0.00	48.68 1.47 0.00	51.78 1.64 0.00	50.47 1.51 0.00	43.37 1.17 0.00	39.56 1.11 0.00	39.16 1.11 0.00
SELKIRK___II 23799	39.58 0.60 0.00	31.01 0.51 0.00	30.06 0.49 0.00	34.39 0.52 0.00	35.61 0.54 0.00	35.95 0.55 0.00	45.97 1.00 0.00	42.76 1.10 0.00	36.23 0.72 0.00	36.70 0.38 0.00	33.21 0.35 0.00	27.68 0.35 0.00	25.81 0.30 0.00	26.73 0.33 0.00	29.58 0.41 0.00	35.51 0.60 0.00	52.72 0.95 0.00	46.48 1.12 0.00	48.42 1.21 0.00	51.52 1.38 0.00	50.20 1.23 0.00	43.13 0.93 0.00	39.34 0.90 0.00	38.95 0.90 0.00
SENECA OSWGO___HYD 24041	37.58 -1.39 0.00	29.37 -1.13 0.00	28.48 -1.09 0.00	32.65 -1.22 0.00	33.83 -1.24 0.00	34.19 -1.21 0.00	43.66 -1.31 0.00	40.28 -1.38 0.00	34.35 -1.15 0.00	35.01 -1.30 0.00	31.59 -1.27 0.00	26.25 -1.08 0.00	24.53 -0.98 0.00	25.36 -1.04 0.00	27.97 -1.20 0.00	33.49 -1.42 0.00	49.92 -1.86 0.00	43.95 -1.41 0.00	45.83 -1.38 0.00	48.56 -1.57 0.00	47.24 -1.72 0.00	40.52 -1.67 0.00	36.86 -1.58 0.00	36.45 -1.60 0.00

SENECA___115KV_TB3 355854	36.36 -2.62 0.00	28.31 -2.19 0.00	27.58 -1.99 0.00	31.77 -2.10 0.00	32.82 -2.25 0.00	33.12 -2.28 0.00	42.24 -2.73 0.00	38.93 -2.73 0.00	33.44 -2.06 0.00	34.48 -1.83 0.00	31.21 -1.65 0.00	25.94 -1.39 0.00	24.45 -1.07 0.00	25.26 -1.14 0.00	27.63 -1.54 0.00	32.69 -2.23 0.00	48.34 -3.43 0.00	42.16 -3.19 0.00	44.14 -3.07 0.00	46.64 -3.49 0.00	44.82 -3.83 0.31	37.42 -3.90 0.88	34.80 -3.64 0.00	34.44 -3.60 0.00
SENECA___ENERGY 23797	38.10 -0.87 0.00	29.75 -0.75 0.00	28.89 -0.69 0.00	33.09 -0.78 0.00	34.35 -0.72 0.00	34.76 -0.64 0.00	44.45 -0.53 0.00	41.16 -0.50 0.00	35.09 -0.42 0.00	35.80 -0.51 0.00	32.39 -0.47 0.00	26.86 -0.46 0.00	25.00 -0.51 0.00	25.75 -0.64 0.00	28.39 -0.78 0.00	33.92 -1.00 0.00	50.80 -0.97 0.00	44.79 -0.56 0.00	46.74 -0.47 0.00	49.47 -0.66 0.00	47.75 -1.11 0.10	40.63 -1.28 0.29	37.18 -1.26 0.00	36.80 -1.25 0.00
SHOEMAKER___GT 23640	40.07 1.09 0.00	31.32 0.82 0.00	30.31 0.74 0.00	34.70 0.84 0.00	36.03 0.96 0.00	36.45 1.05 0.00	46.71 1.74 0.00	43.46 1.79 0.00	36.90 1.40 0.00	37.34 1.03 0.00	33.77 0.91 0.00	28.09 0.76 0.00	26.18 0.66 0.00	27.09 0.70 0.00	30.01 0.84 0.00	35.93 1.01 0.00	53.50 1.73 0.00	47.34 1.99 0.00	49.43 2.21 0.00	52.33 2.20 0.00	50.85 1.89 0.00	43.57 1.37 0.00	39.68 1.24 0.00	39.30 1.26 0.00
SHOEMAKR_138KV_BK 111 55601	40.05 1.08 0.00	31.31 0.81 0.00	30.31 0.73 0.00	34.70 0.83 0.00	36.01 0.94 0.00	36.44 1.04 0.00	46.70 1.74 0.00	43.46 1.80 0.00	36.90 1.40 0.00	37.35 1.04 0.00	33.79 0.93 0.00	28.12 0.79 0.00	26.19 0.68 0.00	27.12 0.72 0.00	30.03 0.87 0.00	35.95 1.03 0.00	53.50 1.73 0.00	47.34 1.98 0.00	49.41 2.20 0.00	52.33 2.20 0.00	50.84 1.88 0.00	43.55 1.35 0.00	39.66 1.22 0.00	39.29 1.24 0.00
SHOREHAM_IC_1 23715	41.88 2.90 0.00	32.65 2.15 0.00	32.07 2.19 -0.31	36.30 2.44 0.00	37.67 2.61 0.00	37.99 2.59 0.00	48.64 3.67 0.00	45.36 3.70 0.00	38.88 3.38 0.00	39.14 2.83 0.00	35.47 2.61 0.00	29.32 1.99 0.00	27.31 1.79 0.00	28.31 1.91 0.00	33.32 2.39 -1.76	71.35 2.94 -33.50	56.54 4.76 0.00	59.13 5.00 -8.77	56.04 5.14 -3.68	55.70 5.24 -0.33	68.25 4.74 -14.55	46.20 3.38 -0.62	46.11 2.97 -4.70	40.92 2.87 0.00
SHOREHAM_IC_2 23716	41.88 2.90 0.00	32.65 2.15 0.00	32.07 2.19 -0.31	36.30 2.44 0.00	37.67 2.61 0.00	37.99 2.59 0.00	48.64 3.67 0.00	45.36 3.70 0.00	38.88 3.38 0.00	39.14 2.83 0.00	35.47 2.61 0.00	29.32 1.99 0.00	27.31 1.79 0.00	28.31 1.91 0.00	33.32 2.39 -1.76	71.35 2.94 -33.50	56.54 4.76 0.00	59.13 5.00 -8.77	56.04 5.14 -3.68	55.70 5.24 -0.33	68.25 4.74 -14.55	46.20 3.38 -0.62	46.11 2.97 -4.70	40.92 2.87 0.00
SISSONVILLE____ 23735	39.46 0.48 0.00	30.99 0.49 0.00	30.12 0.55 0.00	34.50 0.63 0.00	35.50 0.43 0.00	35.61 0.21 0.00	44.63 -0.34 0.00	41.17 -0.50 0.00	35.18 -0.32 0.00	36.23 -0.08 0.00	32.68 -0.18 0.00	27.16 -0.17 0.00	25.42 -0.09 0.00	26.32 -0.08 0.00	29.00 -0.17 0.00	34.71 -0.21 0.00	51.47 -0.30 0.00	44.70 -0.65 0.00	46.43 -0.78 0.00	49.44 -0.69 0.00	48.78 -0.18 0.00	42.28 0.08 0.00	38.67 0.22 0.00	38.36 0.31 0.00
SITHE_IND_GS1 24169	37.23 -1.75 0.00	29.11 -1.39 0.00	28.24 -1.33 0.00	32.35 -1.52 0.00	33.51 -1.55 0.00	33.86 -1.54 0.00	43.14 -1.84 0.00	39.84 -1.83 0.00	33.95 -1.55 0.00	34.67 -1.64 0.00	31.33 -1.52 0.00	26.04 -1.28 0.00	24.33 -1.18 0.00	25.16 -1.24 0.00	27.75 -1.42 0.00	33.19 -1.73 0.00	49.37 -2.40 0.00	43.39 -1.97 0.00	45.22 -2.00 0.00	47.94 -2.19 0.00	46.67 -2.30 0.00	40.02 -2.13 0.05	36.47 -1.96 0.01	36.08 -1.97 0.00
SITHE_IND_GS2 24170	37.23 -1.75 0.00	29.11 -1.39 0.00	28.24 -1.33 0.00	32.35 -1.52 0.00	33.51 -1.55 0.00	33.86 -1.54 0.00	43.14 -1.84 0.00	39.84 -1.83 0.00	33.95 -1.55 0.00	34.67 -1.64 0.00	31.33 -1.52 0.00	26.04 -1.28 0.00	24.33 -1.18 0.00	25.16 -1.24 0.00	27.75 -1.42 0.00	33.19 -1.73 0.00	49.37 -2.40 0.00	43.39 -1.97 0.00	45.22 -2.00 0.00	47.94 -2.19 0.00	46.67 -2.30 0.00	40.02 -2.13 0.05	36.47 -1.96 0.01	36.08 -1.97 0.00
SITHE_IND_GS3 24171	37.23 -1.75 0.00	29.11 -1.39 0.00	28.24 -1.33 0.00	32.35 -1.52 0.00	33.51 -1.55 0.00	33.86 -1.54 0.00	43.14 -1.84 0.00	39.84 -1.83 0.00	33.95 -1.55 0.00	34.67 -1.64 0.00	31.33 -1.52 0.00	26.04 -1.28 0.00	24.33 -1.18 0.00	25.16 -1.24 0.00	27.75 -1.42 0.00	33.19 -1.73 0.00	49.37 -2.40 0.00	43.39 -1.97 0.00	45.22 -2.00 0.00	47.94 -2.19 0.00	46.67 -2.30 0.00	40.02 -2.13 0.05	36.47 -1.96 0.01	36.08 -1.97 0.00
SITHE_IND_GS4 24172	37.23 -1.75 0.00	29.11 -1.39 0.00	28.24 -1.33 0.00	32.35 -1.52 0.00	33.51 -1.55 0.00	33.86 -1.54 0.00	43.14 -1.84 0.00	39.84 -1.83 0.00	33.95 -1.55 0.00	34.67 -1.64 0.00	31.33 -1.52 0.00	26.04 -1.28 0.00	24.33 -1.18 0.00	25.16 -1.24 0.00	27.75 -1.42 0.00	33.19 -1.73 0.00	49.37 -2.40 0.00	43.39 -1.97 0.00	45.22 -2.00 0.00	47.94 -2.19 0.00	46.67 -2.30 0.00	40.02 -2.13 0.05	36.47 -1.96 0.01	36.08 -1.97 0.00
SITHE___BATAVIA 24024	36.41 -2.05 0.51	26.18 -1.67 2.65	25.48 -1.50 2.59	29.15 -1.55 3.17	31.62 -1.71 1.74	32.39 -1.66 1.35	39.71 -1.88 3.37	35.21 -1.90 4.55	33.36 -1.37 0.77	35.17 -1.14 0.00	31.82 -1.04 0.00	26.46 -0.87 0.00	24.89 -0.62 0.00	25.63 -0.77 0.00	27.89 -1.28 0.00	32.91 -2.01 0.00	48.96 -2.81 0.00	43.12 -2.23 0.00	45.21 -2.01 0.00	47.73 -2.40 0.00	46.02 -2.69 0.24	38.53 -2.97 0.69	35.59 -2.85 0.00	35.17 -2.88 0.00
SITHE___INDEPEND 23800	37.23 -1.75 0.00	29.11 -1.39 0.00	28.23 -1.34 0.00	32.35 -1.52 0.00	33.51 -1.56 0.00	33.85 -1.55 0.00	43.14 -1.84 0.00	39.84 -1.83 0.00	33.95 -1.55 0.00	34.67 -1.64 0.00	31.34 -1.52 0.00	26.04 -1.28 0.00	24.33 -1.18 0.00	25.16 -1.24 0.00	27.75 -1.42 0.00	33.19 -1.72 0.00	49.37 -2.40 0.00	43.38 -1.97 0.00	45.22 -2.00 0.00	47.94 -2.19 0.00	46.66 -2.30 0.00	40.02 -2.13 0.05	36.47 -1.97 0.01	36.08 -1.97 0.00
SITHE___MASSENA 23902	39.79 0.81 0.00	31.30 0.79 0.00	30.34 0.76 0.00	34.77 0.90 0.00	35.81 0.74 0.00	36.05 0.65 0.00	45.31 0.34 0.00	41.75 0.08 0.00	35.71 0.21 0.00	36.90 0.58 0.00	33.39 0.54 0.00	27.75 0.42 0.00	25.95 0.44 0.00	26.86 0.47 0.00	29.62 0.46 0.00	35.44 0.52 0.00	52.34 0.57 0.00	45.38 0.03 0.00	47.11 -0.10 0.00	50.16 0.03 0.00	49.43 0.47 0.00	42.84 0.64 0.00	39.04 0.60 0.00	38.66 0.61 0.00
SITHE___OGDNSBRG 24021	40.31 1.33 0.00	31.70 1.20 0.00	30.77 1.20 0.00	35.28 1.41 0.00	36.33 1.26 0.00	36.56 1.16 0.00	45.94 0.98 0.00	42.39 0.73 0.00	36.17 0.66 0.00	37.15 0.84 0.00	33.53 0.68 0.00	27.90 0.57 0.00	26.11 0.60 0.00	27.04 0.64 0.00	29.75 0.58 0.00	35.62 0.70 0.00	52.79 1.02 0.00	45.98 0.63 0.00	47.75 0.54 0.00	50.86 0.72 0.00	50.17 1.21 0.00	43.46 1.26 0.00	39.61 1.17 0.00	39.21 1.17 0.00

SITHE___STERLING 23777	39.65 0.68 0.00	30.99 0.49 0.00	30.05 0.48 0.00	34.44 0.58 0.00	35.69 0.62 0.00	36.12 0.72 0.00	46.25 1.27 0.00	42.92 1.25 0.00	36.48 0.98 0.00	36.92 0.60 0.00	33.25 0.39 0.00	27.61 0.28 0.00	25.78 0.26 0.00	26.64 0.24 0.00	29.41 0.24 0.00	35.28 0.36 0.00	52.86 1.09 0.00	46.68 1.33 0.00	48.70 1.48 0.00	51.66 1.52 0.00	50.25 1.29 0.00	43.10 0.91 0.00	39.21 0.77 0.00	38.77 0.72 0.00
SLEIGHT__34_KV_TB1 80719	37.42 -1.56 0.00	29.20 -1.30 0.00	28.36 -1.21 0.00	32.52 -1.35 0.00	33.71 -1.36 0.00	34.14 -1.26 0.00	43.64 -1.33 0.00	40.32 -1.35 0.00	34.45 -1.05 0.00	35.36 -0.95 0.00	31.95 -0.91 0.00	26.53 -0.79 0.00	24.81 -0.71 0.00	25.58 -0.82 0.00	28.12 -1.05 0.00	33.54 -1.38 0.00	49.99 -1.78 0.00	43.96 -1.39 0.00	45.87 -1.34 0.00	48.53 -1.60 0.00	46.93 -1.92 0.12	39.82 -2.04 0.33	36.42 -2.02 0.00	36.04 -2.01 0.00
SOUTH CAIRO___GT 23612	41.26 2.28 0.00	32.32 1.82 0.00	31.36 1.79 0.00	35.89 2.03 0.00	37.13 2.07 0.00	37.58 2.18 0.00	48.24 3.27 0.00	45.03 3.37 0.00	37.82 2.31 0.00	37.77 1.45 0.00	33.94 1.08 0.00	28.22 0.89 0.00	26.32 0.81 0.00	27.24 0.84 0.00	30.19 1.02 0.00	36.54 1.63 0.00	54.94 3.17 0.00	48.95 3.60 0.00	51.14 3.92 0.00	54.48 4.35 0.00	52.98 4.02 0.00	45.44 3.24 0.00	41.33 2.89 0.00	40.80 2.75 0.00
SOUTH HAMPTN___IC 23720	42.09 3.12 0.00	32.82 2.32 0.00	32.24 2.36 -0.31	36.49 2.62 0.00	37.89 2.82 0.00	38.26 2.86 0.00	48.98 4.01 0.00	45.71 4.04 0.00	39.10 3.60 0.00	39.35 3.03 0.00	35.64 2.78 0.00	29.48 2.15 0.00	27.46 1.95 0.00	28.49 2.09 0.00	33.55 2.61 -1.76	71.68 3.27 -33.50	57.08 5.32 0.00	59.53 5.41 -8.77	56.44 5.55 -3.68	56.16 5.70 -0.33	68.71 5.20 -14.55	46.57 3.75 -0.62	46.40 3.26 -4.70	41.16 3.11 0.00
SOUTHDOW_115KV_TB1 355954	38.05 -0.92 0.00	29.54 -0.97 0.00	28.78 -0.80 0.00	33.17 -0.70 0.00	34.30 -0.77 0.00	34.72 -0.68 0.00	44.64 -0.34 0.00	41.20 -0.47 0.00	34.98 -0.52 0.00	35.58 -0.74 0.00	32.37 -0.49 0.00	26.94 -0.39 0.00	25.64 0.12 0.00	26.70 0.30 0.00	29.27 0.10 0.00	34.63 -0.29 0.00	51.35 -0.42 0.00	44.68 -0.67 0.00	46.71 -0.50 0.00	49.22 -0.91 0.00	46.92 -1.64 0.40	38.86 -2.21 1.12	36.33 -2.11 0.00	36.08 -1.96 0.00
SOUTHOLD_69_KV_BK 2 55809	42.29 3.32 0.00	32.98 2.48 0.00	32.41 2.52 -0.31	36.68 2.81 0.00	38.09 3.02 0.00	38.53 3.13 0.00	49.35 4.38 0.00	46.07 4.41 0.00	39.35 3.85 0.00	39.55 3.24 0.00	35.79 2.94 0.00	29.64 2.32 0.00	27.60 2.08 0.00	28.69 2.29 0.00	33.83 2.90 -1.76	72.13 3.71 -33.50	57.84 6.07 0.00	60.16 6.04 -8.77	57.06 6.17 -3.68	56.86 6.40 -0.33	69.45 5.93 -14.55	47.08 4.26 -0.62	46.76 3.62 -4.70	41.43 3.39 0.00
SOUTHOLD___IC 23719	42.28 3.30 0.00	32.98 2.48 0.00	32.40 2.52 -0.31	36.68 2.81 0.00	38.09 3.02 0.00	38.52 3.12 0.00	49.35 4.38 0.00	46.06 4.40 0.00	39.36 3.85 0.00	39.55 3.24 0.00	35.80 2.94 0.00	29.65 2.32 0.00	27.60 2.08 0.00	28.69 2.29 0.00	33.83 2.89 -1.76	72.13 3.71 -33.50	57.84 6.07 0.00	60.15 6.03 -8.77	57.06 6.17 -3.68	56.86 6.40 -0.33	69.44 5.93 -14.55	47.08 4.27 -0.62	46.77 3.63 -4.70	41.43 3.38 0.00
SOUTH_FORK_WT_PWR 323839	42.06 3.08 0.00	32.80 2.30 0.00	32.24 2.36 -0.31	36.48 2.61 0.00	37.89 2.82 0.00	38.33 2.93 0.00	49.07 4.11 0.00	45.81 4.14 0.00	39.14 3.63 0.00	39.34 3.02 0.00	35.61 2.75 0.00	29.51 2.18 0.00	27.50 1.98 0.00	28.62 2.22 0.00	33.78 2.85 -1.76	72.13 3.71 -33.50	57.84 6.07 0.00	60.08 5.95 -8.77	56.92 6.02 -3.68	56.76 6.30 -0.33	69.38 5.86 -14.55	46.99 4.18 -0.62	46.63 3.49 -4.70	41.26 3.21 0.00
SPIERFLS_115KV_TB 1 80737	40.71 1.73 0.00	31.82 1.32 0.00	30.79 1.22 0.00	35.05 1.18 0.00	36.26 1.19 0.00	36.30 0.90 0.00	46.43 1.46 0.00	43.10 1.44 0.00	36.39 0.89 0.00	36.74 0.43 0.00	33.12 0.26 0.00	27.54 0.20 0.00	25.65 0.13 0.00	26.60 0.20 0.00	29.51 0.34 0.00	35.63 0.71 0.00	53.20 1.42 0.00	46.88 1.53 0.00	48.81 1.59 0.00	51.64 1.51 0.00	50.29 1.33 0.00	43.16 0.97 0.00	39.40 0.96 0.00	38.88 0.83 0.00
ST LAWRENCE____ 23600	39.40 0.42 0.00	30.90 0.40 0.00	29.95 0.37 0.00	34.31 0.44 0.00	35.44 0.37 0.00	35.70 0.30 0.00	44.88 -0.09 0.00	41.34 -0.32 0.00	35.38 -0.12 0.00	36.60 0.28 0.00	33.13 0.27 0.00	27.53 0.20 0.00	25.74 0.23 0.00	26.65 0.25 0.00	29.39 0.22 0.00	35.15 0.24 0.00	51.87 0.10 0.00	44.97 -0.38 0.00	46.69 -0.52 0.00	49.71 -0.42 0.00	48.99 0.03 0.00	42.46 0.26 0.00	38.68 0.24 0.00	38.28 0.23 0.00
STATE_CA_115KV_115_LB 55624	39.60 0.62 0.00	31.02 0.52 0.00	30.08 0.51 0.00	34.39 0.52 0.00	35.61 0.55 0.00	35.97 0.57 0.00	46.02 1.05 0.00	42.82 1.15 0.00	36.21 0.71 0.00	36.65 0.34 0.00	33.18 0.32 0.00	27.68 0.35 0.00	25.81 0.29 0.00	26.72 0.32 0.00	29.58 0.41 0.00	35.56 0.64 0.00	52.74 0.97 0.00	46.52 1.17 0.00	48.45 1.23 0.00	51.66 1.52 0.00	50.37 1.41 0.00	43.26 1.06 0.00	39.46 1.02 0.00	39.03 0.98 0.00
STATE_ST_34_KV_LOAD 55959	38.56 -0.42 0.00	30.11 -0.39 0.00	29.25 -0.33 0.00	33.42 -0.45 0.00	34.72 -0.35 0.00	35.17 -0.23 0.00	44.78 -0.19 0.00	41.54 -0.12 0.00	35.27 -0.23 0.00	36.11 -0.21 0.00	32.59 -0.27 0.00	27.06 -0.27 0.00	25.21 -0.30 0.00	26.04 -0.36 0.00	28.73 -0.44 0.00	34.38 -0.54 0.00	51.32 -0.45 0.00	45.30 -0.05 0.00	47.20 -0.01 0.00	50.03 -0.10 0.00	48.42 -0.63 -0.08	41.76 -0.67 -0.23	37.65 -0.79 0.00	37.34 -0.71 0.00
STATION 5_MISC_HYD 23604	36.76 -1.91 0.31	27.31 -1.58 1.61	26.54 -1.46 1.57	30.36 -1.58 1.93	32.35 -1.66 1.06	32.96 -1.62 0.82	41.07 -1.84 2.06	36.98 -1.87 2.82	33.65 -1.38 0.47	35.08 -1.24 0.00	31.73 -1.13 0.00	26.39 -0.94 0.00	24.74 -0.77 0.00	25.51 -0.88 0.00	27.96 -1.21 0.00	33.21 -1.71 0.00	49.32 -2.45 0.00	43.30 -2.06 0.00	45.27 -1.94 0.00	47.88 -2.25 0.00	46.30 -2.46 0.20	39.01 -2.63 0.56	35.93 -2.51 0.00	35.51 -2.54 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.85 -1.13 0.00	29.53 -0.97 0.00	28.68 -0.89 0.00	32.92 -0.95 0.00	34.11 -0.96 0.00	34.51 -0.89 0.00	44.16 -0.81 0.00	40.81 -0.85 0.00	34.90 -0.60 0.00	35.75 -0.56 0.00	32.35 -0.51 0.00	26.86 -0.46 0.00	25.10 -0.42 0.00	25.86 -0.54 0.00	28.41 -0.76 0.00	33.84 -1.08 0.00	50.54 -1.23 0.00	44.42 -0.93 0.00	46.43 -0.78 0.00	49.12 -1.01 0.00	47.41 -1.35 0.20	40.01 -1.61 0.58	36.84 -1.60 0.00	36.42 -1.63 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.96 -2.01 0.00	28.83 -1.67 0.00	28.02 -1.56 0.00	32.18 -1.69 0.00	33.30 -1.77 0.00	33.68 -1.72 0.00	43.02 -1.95 0.00	39.69 -1.98 0.00	34.04 -1.47 0.00	34.97 -1.34 0.00	31.65 -1.21 0.00	26.31 -1.02 0.00	24.67 -0.85 0.00	25.43 -0.97 0.00	27.87 -1.30 0.00	33.13 -1.79 0.00	49.25 -2.52 0.00	43.24 -2.12 0.00	45.19 -2.03 0.00	47.79 -2.34 0.00	46.22 -2.55 0.19	38.96 -2.68 0.55	35.86 -2.58 0.00	35.45 -2.60 0.00

STA_56___34_KV_BUS2 355983	36.96 -2.01 0.00	28.83 -1.67 0.00	28.02 -1.56 0.00	32.18 -1.69 0.00	33.30 -1.77 0.00	33.68 -1.72 0.00	43.02 -1.95 0.00	39.69 -1.98 0.00	34.04 -1.47 0.00	34.97 -1.34 0.00	31.65 -1.21 0.00	26.31 -1.02 0.00	24.67 -0.85 0.00	25.43 -0.97 0.00	27.87 -1.30 0.00	33.13 -1.79 0.00	49.25 -2.52 0.00	43.24 -2.12 0.00	45.19 -2.03 0.00	47.79 -2.34 0.00	46.22 -2.55 0.19	38.96 -2.68 0.55	35.86 -2.58 0.00	35.45 -2.60 0.00
STA_67___115KV_BK2 355882	36.99 -1.99 0.00	28.84 -1.66 0.00	28.04 -1.53 0.00	32.21 -1.66 0.00	33.33 -1.73 0.00	33.70 -1.70 0.00	43.02 -1.96 0.00	39.67 -2.00 0.00	34.03 -1.47 0.00	34.99 -1.33 0.00	31.66 -1.20 0.00	26.33 -1.00 0.00	24.68 -0.83 0.00	25.46 -0.94 0.00	27.88 -1.29 0.00	33.13 -1.79 0.00	49.19 -2.58 0.00	43.18 -2.17 0.00	45.16 -2.06 0.00	47.76 -2.37 0.00	46.18 -2.59 0.20	38.92 -2.72 0.56	35.84 -2.60 0.00	35.44 -2.62 0.00
STA_7___115KV_9TRANS 80674	37.24 -1.73 0.00	29.03 -1.47 0.00	28.21 -1.36 0.00	32.41 -1.46 0.00	33.54 -1.53 0.00	33.92 -1.48 0.00	43.34 -1.64 0.00	39.98 -1.68 0.00	34.30 -1.20 0.00	35.27 -1.04 0.00	31.91 -0.94 0.00	26.54 -0.79 0.00	24.87 -0.64 0.00	25.64 -0.75 0.00	28.08 -1.09 0.00	33.36 -1.55 0.00	49.59 -2.18 0.00	43.56 -1.80 0.00	45.56 -1.66 0.00	48.17 -1.96 0.00	46.57 -2.19 0.20	39.24 -2.40 0.56	36.11 -2.33 0.00	35.69 -2.36 0.00
STA_82___115KV_TB1 80780	37.01 -1.97 0.00	28.86 -1.64 0.00	28.05 -1.53 0.00	32.23 -1.64 0.00	33.35 -1.72 0.00	33.72 -1.68 0.00	43.04 -1.93 0.00	39.69 -1.97 0.00	34.06 -1.45 0.00	35.02 -1.30 0.00	31.68 -1.17 0.00	26.34 -0.99 0.00	24.70 -0.82 0.00	25.47 -0.93 0.00	27.90 -1.27 0.00	33.15 -1.77 0.00	49.23 -2.54 0.00	43.20 -2.16 0.00	45.18 -2.04 0.00	47.77 -2.36 0.00	46.21 -2.56 0.20	38.94 -2.69 0.57	35.85 -2.59 0.00	35.45 -2.60 0.00
STEEL___WIND 323596	35.53 -2.68 0.77	24.33 -2.21 3.96	23.71 -1.99 3.88	27.00 -2.13 4.75	30.20 -2.28 2.60	31.06 -2.32 2.02	37.17 -2.77 5.03	32.19 -2.75 6.72	32.24 -2.11 1.15	34.43 -1.88 0.00	31.14 -1.72 0.00	25.90 -1.43 0.00	24.40 -1.11 0.00	25.23 -1.18 0.00	27.59 -1.57 0.00	32.64 -2.28 0.00	48.25 -3.52 0.00	42.10 -3.26 0.00	44.05 -3.16 0.00	46.57 -3.56 0.00	44.73 -3.91 0.31	37.35 -3.97 0.88	34.77 -3.67 0.00	34.39 -3.66 0.00
STEPHTWN_115KV_BK_2 55603	39.90 0.92 0.00	31.20 0.70 0.00	30.26 0.69 0.00	34.63 0.76 0.00	35.91 0.84 0.00	36.28 0.88 0.00	46.48 1.51 0.00	43.26 1.60 0.00	36.58 1.08 0.00	37.01 0.70 0.00	33.39 0.54 0.00	27.85 0.52 0.00	25.94 0.43 0.00	26.86 0.46 0.00	29.78 0.61 0.00	35.83 0.91 0.00	53.29 1.51 0.00	47.04 1.68 0.00	49.05 1.84 0.00	52.31 2.17 0.00	50.88 1.92 0.00	43.65 1.45 0.00	39.79 1.35 0.00	39.39 1.35 0.00
STEBUBEN_REC_LFGE 323667	38.86 -0.11 0.00	30.29 -0.21 0.00	29.43 -0.14 0.00	33.93 0.06 0.00	35.22 0.15 0.00	35.46 0.06 0.00	45.30 0.33 0.00	41.99 0.32 0.00	35.80 0.29 0.00	36.35 0.04 0.00	32.94 0.08 0.00	27.36 0.03 0.00	25.66 0.14 0.00	26.37 -0.02 0.00	29.00 -0.17 0.00	34.42 -0.50 0.00	52.01 0.24 0.00	45.75 0.39 0.00	47.60 0.39 0.00	50.44 0.31 0.00	47.03 -0.70 1.23	37.55 -1.24 3.41	37.56 -0.88 0.00	37.31 -0.74 0.00
STILLWATER___SOLAR 323814	40.62 1.65 0.00	31.80 1.30 0.00	30.80 1.22 0.00	35.18 1.31 0.00	36.44 1.37 0.00	36.70 1.30 0.00	46.98 2.01 0.00	43.63 1.96 0.00	36.87 1.37 0.00	37.26 0.94 0.00	33.59 0.73 0.00	27.95 0.62 0.00	26.05 0.53 0.00	26.98 0.59 0.00	29.94 0.77 0.00	36.09 1.17 0.00	53.82 2.05 0.00	47.45 2.10 0.00	49.42 2.21 0.00	52.37 2.23 0.00	50.98 2.02 0.00	43.75 1.55 0.00	39.92 1.48 0.00	39.47 1.42 0.00
STONY___BROOK 24151	41.79 2.81 0.00	32.62 2.12 0.00	31.95 2.06 -0.31	36.14 2.27 0.00	37.50 2.43 0.00	37.88 2.48 0.00	48.50 3.53 0.00	45.31 3.64 0.00	38.66 3.15 0.00	39.02 2.71 0.00	35.40 2.54 0.00	29.35 2.02 0.00	27.36 1.84 0.00	28.34 1.94 0.00	33.28 2.35 -1.76	71.29 2.87 -33.50	56.33 4.56 0.00	58.70 4.57 -8.77	55.65 4.75 -3.68	55.27 4.81 -0.33	67.81 4.30 -14.55	46.00 3.18 -0.62	46.07 2.93 -4.70	40.90 2.85 0.00
STURGEON_POOL_HYD 23609	40.38 1.41 0.00	31.55 1.05 0.00	30.52 0.95 0.00	34.94 1.08 0.00	36.32 1.26 0.00	36.75 1.34 0.00	47.14 2.17 0.00	44.00 2.33 0.00	37.50 2.00 0.00	37.96 1.65 0.00	34.35 1.49 0.00	28.58 1.25 0.00	26.59 1.08 0.00	27.55 1.15 0.00	30.54 1.37 0.00	36.51 1.59 0.00	54.21 2.44 0.00	48.00 2.65 0.00	50.11 2.90 0.00	52.98 2.84 0.00	51.40 2.44 0.00	44.02 1.82 0.00	40.08 1.64 0.00	39.72 1.67 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.20 1.22 0.00	31.43 0.93 0.00	30.41 0.84 0.00	34.81 0.94 0.00	36.17 1.10 0.00	36.58 1.18 0.00	46.93 1.96 0.00	43.67 2.01 0.00	37.09 1.58 0.00	37.54 1.23 0.00	33.99 1.13 0.00	28.29 0.96 0.00	26.35 0.84 0.00	27.29 0.89 0.00	30.23 1.07 0.00	36.16 1.25 0.00	53.77 1.99 0.00	47.59 2.24 0.00	49.70 2.48 0.00	52.60 2.47 0.00	51.09 2.13 0.00	43.74 1.54 0.00	39.82 1.38 0.00	39.45 1.39 0.00
SWANROAD_115KV_TB1 355699	35.13 -3.84 0.00	27.48 -3.01 0.00	26.76 -2.82 0.00	30.91 -2.96 0.00	31.80 -3.27 0.00	32.00 -3.40 0.00	40.59 -4.38 0.00	37.22 -4.45 0.00	32.02 -3.48 0.00	33.05 -3.26 0.00	29.98 -2.88 0.00	24.92 -2.41 0.00	23.49 -2.02 0.00	24.24 -2.16 0.00	26.47 -2.70 0.00	31.27 -3.65 0.00	46.14 -5.63 0.00	40.35 -5.00 0.00	42.28 -4.94 0.00	44.62 -5.52 0.00	43.06 -5.62 0.28	36.04 -5.38 0.78	33.45 -4.99 0.00	33.14 -4.91 0.00
SYNERGY___BIOGAS 323694	36.41 -2.05 0.51	26.18 -1.67 2.65	25.48 -1.50 2.59	29.15 -1.55 3.17	31.62 -1.71 1.74	32.39 -1.66 1.35	39.71 -1.88 3.37	35.21 -1.90 4.55	33.36 -1.37 0.77	35.17 -1.14 0.00	31.82 -1.04 0.00	26.46 -0.87 0.00	24.89 -0.62 0.00	25.63 -0.77 0.00	27.89 -1.28 0.00	32.91 -2.01 0.00	48.96 -2.81 0.00	43.12 -2.23 0.00	45.21 -2.01 0.00	47.73 -2.40 0.00	46.02 -2.69 0.24	38.53 -2.97 0.69	35.59 -2.85 0.00	35.17 -2.88 0.00
SYRACUSE___ENERGY_ST1 323597	38.22 -0.76 0.00	29.83 -0.67 0.00	28.95 -0.62 0.00	33.18 -0.69 0.00	34.39 -0.69 0.00	34.78 -0.63 0.00	44.40 -0.57 0.00	41.00 -0.66 0.00	34.92 -0.58 0.00	35.64 -0.68 0.00	32.17 -0.69 0.00	26.72 -0.61 0.00	24.96 -0.56 0.00	25.78 -0.62 0.00	28.44 -0.73 0.00	34.05 -0.87 0.00	50.76 -1.01 0.00	44.68 -0.67 0.00	46.60 -0.62 0.00	49.38 -0.75 0.00	47.95 -1.01 0.00	41.13 -1.07 0.00	37.41 -1.03 0.00	36.99 -1.05 0.00
SYRACUSE___ENERGY_ST2 323598	38.22 -0.76 0.00	29.83 -0.67 0.00	28.95 -0.62 0.00	33.18 -0.69 0.00	34.39 -0.69 0.00	34.78 -0.63 0.00	44.40 -0.57 0.00	41.00 -0.66 0.00	34.92 -0.58 0.00	35.64 -0.68 0.00	32.17 -0.69 0.00	26.72 -0.61 0.00	24.96 -0.56 0.00	25.78 -0.62 0.00	28.44 -0.73 0.00	34.05 -0.87 0.00	50.76 -1.01 0.00	44.68 -0.67 0.00	46.60 -0.62 0.00	49.38 -0.75 0.00	47.95 -1.01 0.00	41.13 -1.07 0.00	37.41 -1.03 0.00	36.99 -1.05 0.00

SYRACUSE___POWER 24017	38.17 -0.80 0.00	29.81 -0.69 0.00	28.92 -0.65 0.00	33.16 -0.71 0.00	34.35 -0.72 0.00	34.73 -0.68 0.00	44.38 -0.59 0.00	40.96 -0.71 0.00	34.91 -0.60 0.00	35.58 -0.73 0.00	32.12 -0.74 0.00	26.67 -0.66 0.00	24.91 -0.60 0.00	25.74 -0.66 0.00	28.40 -0.78 0.00	33.99 -0.93 0.00	50.69 -1.08 0.00	44.63 -0.72 0.00	46.57 -0.64 0.00	49.35 -0.78 0.00	48.00 -1.02 -0.06	41.27 -1.09 -0.17	37.39 -1.05 0.00	36.97 -1.08 0.00
TALLMAN___138KV_BK151 55660	40.33 1.35 0.00	31.53 1.03 0.00	30.50 0.92 0.00	34.91 1.04 0.00	36.29 1.22 0.00	36.71 1.31 0.00	47.14 2.16 0.00	43.86 2.19 0.00	37.25 1.75 0.00	37.72 1.41 0.00	34.17 1.31 0.00	28.45 1.12 0.00	26.50 0.98 0.00	27.43 1.03 0.00	30.41 1.24 0.00	36.34 1.43 0.00	53.96 2.19 0.00	47.81 2.45 0.00	49.95 2.73 0.00	52.84 2.71 0.00	51.32 2.36 0.00	43.88 1.68 0.00	39.95 1.50 0.00	39.57 1.52 0.00
TEALLAVE_115KV_TB7 355573	37.87 -1.10 0.00	29.58 -0.92 0.00	28.70 -0.87 0.00	32.91 -0.96 0.00	34.09 -0.98 0.00	34.46 -0.94 0.00	44.02 -0.95 0.00	40.59 -1.08 0.00	34.60 -0.90 0.00	35.28 -1.03 0.00	31.86 -1.00 0.00	26.47 -0.86 0.00	24.73 -0.79 0.00	25.56 -0.84 0.00	28.19 -0.98 0.00	33.73 -1.19 0.00	50.26 -1.51 0.00	44.22 -1.13 0.00	46.14 -1.08 0.00	48.89 -1.25 0.00	47.49 -1.47 0.00	40.73 -1.46 0.01	37.06 -1.38 0.00	36.64 -1.41 0.00
TELGRAPH_34_KV_EAST 80808	36.20 -2.77 0.00	28.27 -2.23 0.00	27.52 -2.05 0.00	31.74 -2.13 0.00	32.73 -2.33 0.00	33.03 -2.37 0.00	42.07 -2.90 0.00	38.70 -2.96 0.00	33.29 -2.21 0.00	34.33 -1.98 0.00	31.10 -1.76 0.00	25.85 -1.48 0.00	24.35 -1.17 0.00	25.10 -1.30 0.00	27.36 -1.81 0.00	32.32 -2.60 0.00	47.88 -3.89 0.00	42.00 -3.36 0.00	44.00 -3.21 0.00	46.45 -3.68 0.00	44.82 -3.89 0.26	37.52 -3.95 0.72	34.70 -3.74 0.00	34.34 -3.71 0.00
TEMPLE___115KV_TB 2 55572	37.90 -1.08 0.00	29.60 -0.90 0.00	28.72 -0.86 0.00	32.92 -0.95 0.00	34.11 -0.96 0.00	34.48 -0.92 0.00	44.05 -0.92 0.00	40.61 -1.05 0.00	34.63 -0.87 0.00	35.31 -1.01 0.00	31.88 -0.97 0.00	26.49 -0.84 0.00	24.75 -0.76 0.00	25.58 -0.82 0.00	28.21 -0.96 0.00	33.76 -1.16 0.00	50.30 -1.47 0.00	44.26 -1.10 0.00	46.17 -1.04 0.00	48.92 -1.21 0.00	47.54 -1.43 0.00	40.74 -1.45 0.01	37.07 -1.37 0.00	36.65 -1.40 0.00
TIANA___69_KV_BK 1 55817	42.07 3.09 0.00	32.80 2.30 0.00	32.22 2.33 -0.31	36.46 2.59 0.00	37.85 2.78 0.00	38.21 2.81 0.00	48.93 3.96 0.00	45.66 4.00 0.00	39.05 3.55 0.00	39.31 3.00 0.00	35.60 2.74 0.00	29.45 2.12 0.00	27.43 1.91 0.00	28.44 2.04 0.00	33.48 2.55 -1.76	71.59 3.17 -33.50	56.93 5.17 0.00	59.43 5.31 -8.77	56.35 5.46 -3.68	56.06 5.59 -0.33	68.59 5.08 -14.55	46.48 3.67 -0.62	46.34 3.20 -4.70	41.12 3.07 0.00
TILDEN___115KV_TB1 80814	38.17 -0.80 0.00	29.81 -0.69 0.00	28.92 -0.65 0.00	33.16 -0.71 0.00	34.35 -0.72 0.00	34.73 -0.68 0.00	44.38 -0.59 0.00	40.96 -0.71 0.00	34.91 -0.60 0.00	35.58 -0.73 0.00	32.12 -0.74 0.00	26.67 -0.66 0.00	24.91 -0.60 0.00	25.74 -0.66 0.00	28.40 -0.78 0.00	33.99 -0.93 0.00	50.69 -1.08 0.00	44.63 -0.72 0.00	46.57 -0.64 0.00	49.35 -0.78 0.00	48.00 -1.02 -0.06	41.27 -1.09 -0.17	37.39 -1.05 0.00	36.97 -1.08 0.00
TRIGEN___CC 323695	41.10 2.12 0.00	32.18 1.68 0.00	31.41 1.53 -0.31	35.56 1.69 0.00	36.92 1.85 0.00	37.30 1.90 0.00	47.68 2.71 0.00	44.53 2.87 0.00	37.88 2.38 0.00	38.40 2.09 0.00	34.89 2.04 0.00	29.06 1.73 0.00	27.09 1.58 0.00	28.05 1.66 0.00	32.88 1.95 -1.76	70.72 2.30 -33.50	55.09 3.32 0.00	57.55 3.43 -8.77	54.61 3.72 -3.68	54.24 3.78 -0.33	66.87 3.36 -14.55	45.38 2.56 -0.62	45.48 2.34 -4.70	40.37 2.33 0.00
TRINITY___115KV___ 4 BK 55933	39.48 0.51 0.00	30.94 0.44 0.00	29.99 0.42 0.00	34.30 0.43 0.00	35.51 0.44 0.00	35.85 0.46 0.00	45.85 0.87 0.00	42.65 0.99 0.00	36.06 0.56 0.00	36.51 0.20 0.00	33.05 0.19 0.00	27.58 0.25 0.00	25.71 0.19 0.00	26.62 0.23 0.00	29.48 0.31 0.00	35.41 0.49 0.00	52.49 0.72 0.00	46.30 0.94 0.00	48.22 1.01 0.00	51.42 1.29 0.00	50.16 1.20 0.00	43.09 0.90 0.00	39.32 0.89 0.00	38.92 0.87 0.00
UNION___PROCESSING_DRP 323587	37.01 -1.97 0.00	28.87 -1.63 0.00	28.06 -1.52 0.00	32.24 -1.63 0.00	33.36 -1.71 0.00	33.73 -1.67 0.00	43.06 -1.91 0.00	39.71 -1.95 0.00	34.07 -1.43 0.00	35.03 -1.28 0.00	31.70 -1.16 0.00	26.35 -0.98 0.00	24.71 -0.80 0.00	25.48 -0.92 0.00	27.90 -1.27 0.00	33.15 -1.77 0.00	49.24 -2.53 0.00	43.23 -2.13 0.00	45.20 -2.01 0.00	47.81 -2.32 0.00	46.22 -2.54 0.20	38.95 -2.68 0.56	35.86 -2.58 0.00	35.46 -2.59 0.00
UPPER HUDSON___HYD 24058	40.71 1.73 0.00	31.82 1.32 0.00	30.79 1.22 0.00	35.05 1.18 0.00	36.26 1.19 0.00	36.30 0.89 0.00	46.43 1.46 0.00	43.10 1.43 0.00	36.39 0.89 0.00	36.74 0.43 0.00	33.11 0.26 0.00	27.53 0.20 0.00	25.65 0.14 0.00	26.60 0.20 0.00	29.51 0.34 0.00	35.63 0.71 0.00	53.20 1.43 0.00	46.88 1.53 0.00	48.81 1.59 0.00	51.65 1.51 0.00	50.29 1.33 0.00	43.16 0.97 0.00	39.40 0.96 0.00	38.88 0.83 0.00
UPPER RAQUET___HYD 24056	39.46 0.48 0.00	30.99 0.49 0.00	30.12 0.55 0.00	34.50 0.63 0.00	35.50 0.43 0.00	35.61 0.21 0.00	44.63 -0.34 0.00	41.17 -0.49 0.00	35.18 -0.32 0.00	36.24 -0.08 0.00	32.68 -0.17 0.00	27.16 -0.17 0.00	25.42 -0.09 0.00	26.32 -0.08 0.00	29.00 -0.17 0.00	34.71 -0.21 0.00	51.47 -0.30 0.00	44.70 -0.65 0.00	46.43 -0.78 0.00	49.44 -0.69 0.00	48.78 -0.18 0.00	42.28 0.08 0.00	38.67 0.22 0.00	38.36 0.31 0.00
VALLEY44_115KV_TB2 355964	37.23 -1.74 0.00	29.04 -1.46 0.00	28.32 -1.26 0.00	32.70 -1.18 0.00	33.78 -1.29 0.00	33.97 -1.43 0.00	43.35 -1.62 0.00	39.90 -1.76 0.00	34.09 -1.41 0.00	34.90 -1.41 0.00	31.88 -0.97 0.00	26.68 -0.65 0.00	25.21 -0.31 0.00	26.06 -0.34 0.00	28.57 -0.60 0.00	33.79 -1.13 0.00	49.92 -1.85 0.00	43.20 -2.15 0.00	45.18 -2.04 0.00	47.78 -2.35 0.00	45.76 -2.78 0.42	37.96 -3.06 1.18	35.75 -2.69 0.00	35.72 -2.33 0.00
VALLEY___115KV_TB 1-4 80826	39.12 0.15 0.00	30.60 0.10 0.00	29.69 0.12 0.00	33.96 0.09 0.00	35.21 0.14 0.00	35.60 0.20 0.00	45.71 0.73 0.00	42.60 0.94 0.00	35.98 0.48 0.00	36.23 -0.09 0.00	32.66 -0.20 0.00	27.15 -0.17 0.00	25.29 -0.23 0.00	26.17 -0.23 0.00	29.01 -0.16 0.00	34.92 0.01 0.00	51.95 0.18 0.00	45.95 0.60 0.00	47.93 0.72 0.00	50.75 0.62 0.00	49.52 0.56 0.00	42.43 0.24 0.00	38.68 0.24 0.00	38.43 0.38 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.50 1.52 0.00	31.66 1.15 0.00	30.76 1.19 0.00	35.25 1.38 0.00	36.55 1.48 0.00	37.02 1.62 0.00	47.35 2.38 0.00	43.95 2.28 0.00	37.36 1.85 0.00	37.95 1.64 0.00	34.23 1.37 0.00	28.38 1.05 0.00	26.50 0.99 0.00	27.39 0.99 0.00	30.26 1.09 0.00	36.26 1.34 0.00	54.08 2.31 0.00	47.61 2.25 0.00	49.72 2.51 0.00	52.75 2.62 0.00	51.22 2.26 0.00	43.88 1.69 0.00	39.96 1.52 0.00	39.58 1.53 0.00

VISCHER___FERRY HYD 24020	40.20 1.23 0.00	31.51 1.02 0.00	30.53 0.96 0.00	34.90 1.03 0.00	36.14 1.07 0.00	36.44 1.04 0.00	46.60 1.63 0.00	43.31 1.65 0.00	36.64 1.14 0.00	37.08 0.77 0.00	33.51 0.65 0.00	27.92 0.59 0.00	26.01 0.50 0.00	26.95 0.55 0.00	29.89 0.72 0.00	35.94 1.03 0.00	53.33 1.56 0.00	47.00 1.65 0.00	48.95 1.74 0.00	51.95 1.81 0.00	50.63 1.67 0.00	43.48 1.28 0.00	39.69 1.25 0.00	39.28 1.23 0.00
V_A_10_SYNC_DSASP 323832	35.41 -3.04 0.53	25.32 -2.46 2.71	24.65 -2.27 2.66	28.14 -2.48 3.26	30.66 -2.62 1.78	31.35 -2.66 1.39	38.20 -3.31 3.46	33.71 -3.28 4.67	32.18 -2.53 0.78	33.99 -2.32 0.00	30.77 -2.09 0.00	25.60 -1.73 0.00	24.08 -1.43 0.00	24.87 -1.53 0.00	27.22 -1.95 0.00	32.24 -2.67 0.00	47.66 -4.11 0.00	41.65 -3.71 0.00	43.56 -3.66 0.00	46.05 -4.08 0.00	44.49 -4.24 0.23	37.34 -4.21 0.65	34.55 -3.88 0.00	34.21 -3.83 0.00
V_CMM_10_SYNC_DSASP 323787	39.57 0.59 0.00	31.04 0.53 0.00	30.07 0.49 0.00	34.46 0.59 0.00	35.60 0.54 0.00	35.87 0.47 0.00	45.09 0.12 0.00	41.54 -0.12 0.00	35.55 0.05 0.00	36.76 0.45 0.00	33.28 0.43 0.00	27.65 0.32 0.00	25.86 0.34 0.00	26.76 0.37 0.00	29.53 0.37 0.00	35.32 0.40 0.00	52.12 0.35 0.00	45.17 -0.18 0.00	46.90 -0.32 0.00	49.92 -0.21 0.00	49.20 0.23 0.00	42.64 0.45 0.00	38.85 0.41 0.00	38.44 0.39 0.00
V_CMP_10_SYNC_DSASP 323788	41.51 2.54 0.00	32.38 1.88 0.00	31.43 1.85 0.00	35.99 2.13 0.00	37.23 2.16 0.00	37.29 1.89 0.00	47.02 2.05 0.00	43.15 1.49 0.00	36.73 1.23 0.00	37.97 1.66 0.00	34.18 1.32 0.00	28.34 1.01 0.00	26.37 0.86 0.00	27.38 0.98 0.00	30.34 1.17 0.00	36.33 1.41 0.00	54.12 2.35 0.00	46.79 1.44 0.00	48.76 1.54 0.00	51.81 1.67 0.00	50.80 1.84 0.00	43.72 1.52 0.00	39.89 1.45 0.00	39.40 1.35 0.00
V_D_10_SYNC_DSASP 323841	39.79 0.81 0.00	31.29 0.79 0.00	30.34 0.76 0.00	34.76 0.90 0.00	35.81 0.74 0.00	36.06 0.66 0.00	45.31 0.34 0.00	41.75 0.08 0.00	35.72 0.22 0.00	36.90 0.58 0.00	33.39 0.54 0.00	27.75 0.42 0.00	25.95 0.44 0.00	26.87 0.47 0.00	29.63 0.46 0.00	35.44 0.52 0.00	52.35 0.58 0.00	45.38 0.03 0.00	47.11 -0.10 0.00	50.16 0.03 0.00	49.43 0.47 0.00	42.85 0.65 0.00	39.04 0.60 0.00	38.66 0.61 0.00
V_E_10_SYNC_DSASP 323830	42.06 2.90 -0.19	33.55 2.07 -0.98	32.57 2.04 -0.96	37.37 2.32 -1.17	38.30 2.60 -0.64	38.81 2.91 -0.50	50.68 4.49 -1.23	47.35 4.13 -1.55	38.95 3.21 -0.23	38.99 2.68 0.00	35.11 2.26 0.00	29.04 1.71 0.00	27.09 1.58 0.00	27.91 1.51 0.00	30.77 1.60 0.00	37.01 2.09 0.00	56.04 4.27 0.00	49.41 4.06 0.00	51.49 4.28 0.00	54.41 4.28 0.00	52.91 3.45 -0.50	46.24 2.67 -1.37	40.80 2.36 0.00	40.45 2.40 0.00
V_F_30_NSYNC___DSASP 323816	40.66 1.68 0.00	31.82 1.32 0.00	30.82 1.25 0.00	35.22 1.35 0.00	36.47 1.40 0.00	36.74 1.34 0.00	47.04 2.07 0.00	43.67 2.01 0.00	36.93 1.43 0.00	37.34 1.03 0.00	33.68 0.82 0.00	28.02 0.69 0.00	26.11 0.60 0.00	27.05 0.65 0.00	30.00 0.83 0.00	36.16 1.24 0.00	53.91 2.14 0.00	47.53 2.18 0.00	49.50 2.28 0.00	52.46 2.32 0.00	51.05 2.08 0.00	43.80 1.60 0.00	39.96 1.51 0.00	39.51 1.46 0.00
V_F_30_SYNC_DSASP 323786	39.60 0.62 0.00	31.02 0.52 0.00	30.08 0.51 0.00	34.38 0.52 0.00	35.61 0.55 0.00	35.97 0.57 0.00	46.01 1.04 0.00	42.81 1.15 0.00	36.20 0.70 0.00	36.65 0.34 0.00	33.18 0.32 0.00	27.68 0.35 0.00	25.80 0.29 0.00	26.72 0.32 0.00	29.58 0.41 0.00	35.55 0.63 0.00	52.73 0.96 0.00	46.51 1.16 0.00	48.45 1.23 0.00	51.65 1.52 0.00	50.36 1.40 0.00	43.24 1.05 0.00	39.46 1.02 0.00	39.03 0.98 0.00
V_XM_10_SYNC_DSASP 323789	41.51 2.54 0.00	32.38 1.88 0.00	31.43 1.85 0.00	35.99 2.13 0.00	37.23 2.16 0.00	37.29 1.89 0.00	47.02 2.05 0.00	43.15 1.49 0.00	36.73 1.23 0.00	37.97 1.66 0.00	34.18 1.32 0.00	28.34 1.01 0.00	26.37 0.86 0.00	27.38 0.98 0.00	30.34 1.17 0.00	36.33 1.41 0.00	54.12 2.35 0.00	46.79 1.44 0.00	48.76 1.54 0.00	51.81 1.67 0.00	50.80 1.84 0.00	43.72 1.52 0.00	39.89 1.45 0.00	39.40 1.35 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.46 1.48 0.00	31.64 1.14 0.00	30.59 1.02 0.00	35.02 1.15 0.00	36.39 1.32 0.00	36.83 1.43 0.00	47.28 2.31 0.00	44.02 2.36 0.00	37.39 1.89 0.00	37.87 1.55 0.00	34.30 1.44 0.00	28.55 1.22 0.00	26.59 1.08 0.00	27.54 1.14 0.00	30.52 1.35 0.00	36.49 1.57 0.00	54.19 2.42 0.00	48.00 2.65 0.00	50.14 2.93 0.00	53.06 2.93 0.00	51.52 2.56 0.00	44.06 1.86 0.00	40.10 1.65 0.00	39.72 1.67 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.59 1.61 0.00	31.72 1.22 0.00	30.64 1.07 0.00	35.04 1.17 0.00	36.42 1.36 0.00	36.87 1.47 0.00	47.29 2.32 0.00	44.14 2.48 0.00	37.62 2.11 0.00	38.17 1.86 0.00	34.62 1.76 0.00	29.89 1.54 -1.02	27.94 1.38 -1.05	27.92 1.45 -0.06	31.32 1.69 -0.46	36.86 1.94 0.00	54.62 2.85 0.00	48.25 2.90 0.00	50.34 3.13 0.00	53.29 3.16 0.00	51.57 2.61 0.00	44.21 2.02 0.00	40.27 1.83 0.00	39.91 1.86 0.00
W50THST__13_KV_LOAD 356117	40.80 1.83 0.00	31.88 1.38 0.00	30.79 1.21 0.00	35.22 1.35 0.00	36.61 1.54 0.00	37.09 1.69 0.00	47.61 2.64 0.00	44.47 2.80 0.00	37.94 2.43 0.00	38.53 2.22 0.00	34.96 2.10 0.00	30.16 1.81 -1.02	28.21 1.65 -1.05	28.19 1.73 -0.06	31.62 1.98 -0.46	37.21 2.29 0.00	55.14 3.37 0.00	48.70 3.35 0.00	50.81 3.60 0.00	53.76 3.63 0.00	52.01 3.04 0.00	44.49 2.30 0.00	40.50 2.06 0.00	40.12 2.07 0.00
WADING RIVER_IC_1 23522	41.83 2.86 0.00	32.62 2.12 0.00	32.06 2.17 -0.31	36.28 2.41 0.00	37.65 2.58 0.00	37.96 2.56 0.00	48.59 3.62 0.00	45.32 3.65 0.00	38.85 3.35 0.00	39.13 2.81 0.00	35.46 2.61 0.00	29.31 1.98 0.00	27.30 1.78 0.00	28.30 1.90 0.00	33.33 2.39 -1.76	71.35 2.93 -33.50	56.49 4.72 0.00	59.06 4.94 -8.77	55.97 5.08 -3.68	55.65 5.19 -0.33	68.19 4.68 -14.55	46.15 3.33 -0.62	46.07 2.93 -4.70	40.88 2.84 0.00
WADING RIVER_IC_2 23547	41.83 2.86 0.00	32.62 2.12 0.00	32.06 2.17 -0.31	36.28 2.41 0.00	37.65 2.58 0.00	37.96 2.56 0.00	48.59 3.62 0.00	45.32 3.65 0.00	38.85 3.35 0.00	39.13 2.81 0.00	35.46 2.61 0.00	29.31 1.98 0.00	27.30 1.78 0.00	28.30 1.90 0.00	33.33 2.39 -1.76	71.35 2.93 -33.50	56.49 4.72 0.00	59.06 4.94 -8.77	55.97 5.08 -3.68	55.65 5.19 -0.33	68.19 4.68 -14.55	46.15 3.33 -0.62	46.07 2.93 -4.70	40.88 2.84 0.00
WADING RIVER_IC_3 23601	41.83 2.86 0.00	32.62 2.12 0.00	32.06 2.17 -0.31	36.28 2.41 0.00	37.65 2.58 0.00	37.96 2.56 0.00	48.59 3.62 0.00	45.32 3.65 0.00	38.85 3.35 0.00	39.13 2.81 0.00	35.46 2.61 0.00	29.31 1.98 0.00	27.30 1.78 0.00	28.30 1.90 0.00	33.33 2.39 -1.76	71.35 2.93 -33.50	56.49 4.72 0.00	59.06 4.94 -8.77	55.97 5.08 -3.68	55.65 5.19 -0.33	68.19 4.68 -14.55	46.15 3.33 -0.62	46.07 2.93 -4.70	40.88 2.84 0.00

WALDENNY_12_KV_BK2 80841	36.30 -2.67 0.00	28.29 -2.21 0.00	27.56 -2.02 0.00	31.75 -2.12 0.00	32.79 -2.28 0.00	33.08 -2.32 0.00	42.17 -2.80 0.00	38.85 -2.82 0.00	33.38 -2.12 0.00	34.42 -1.89 0.00	31.17 -1.69 0.00	25.92 -1.41 0.00	24.43 -1.09 0.00	25.24 -1.16 0.00	27.60 -1.57 0.00	32.64 -2.28 0.00	48.25 -3.52 0.00	42.09 -3.26 0.00	44.07 -3.14 0.00	46.55 -3.58 0.00	44.77 -3.88 0.31	37.38 -3.95 0.87	34.75 -3.69 0.00	34.39 -3.66 0.00
WALDEN___HYDRO 24148	40.64 1.67 0.00	31.78 1.28 0.00	30.74 1.17 0.00	35.21 1.34 0.00	36.57 1.50 0.00	37.03 1.63 0.00	47.55 2.58 0.00	44.31 2.65 0.00	37.67 2.17 0.00	37.99 1.67 0.00	34.28 1.43 0.00	28.51 1.18 0.00	26.52 1.01 0.00	27.46 1.06 0.00	30.43 1.26 0.00	36.44 1.53 0.00	54.24 2.47 0.00	48.17 2.82 0.00	50.36 3.14 0.00	53.30 3.17 0.00	51.74 2.78 0.00	44.27 2.07 0.00	40.28 1.84 0.00	39.88 1.83 0.00
WARRENSBURG___ 23737	40.71 1.73 0.00	31.82 1.32 0.00	30.79 1.22 0.00	35.05 1.18 0.00	36.26 1.19 0.00	36.30 0.89 0.00	46.43 1.46 0.00	43.10 1.43 0.00	36.39 0.89 0.00	36.74 0.43 0.00	33.11 0.26 0.00	27.53 0.20 0.00	25.65 0.14 0.00	26.60 0.20 0.00	29.51 0.34 0.00	35.63 0.71 0.00	53.20 1.43 0.00	46.88 1.53 0.00	48.81 1.59 0.00	51.65 1.51 0.00	50.29 1.33 0.00	43.16 0.97 0.00	39.40 0.96 0.00	38.88 0.83 0.00
WATERSIDE___6 8 9 23538	40.64 1.66 0.00	31.75 1.24 0.00	30.65 1.08 0.00	35.06 1.19 0.00	36.46 1.39 0.00	36.92 1.52 0.00	47.35 2.38 0.00	44.19 2.53 0.00	37.66 2.16 0.00	38.22 1.91 0.00	34.65 1.80 0.00	29.89 1.52 -1.04	27.91 1.33 -1.07	27.91 1.44 -0.07	31.33 1.68 -0.47	36.89 1.97 0.00	54.64 2.87 0.00	48.27 2.92 0.00	50.33 3.12 0.00	53.31 3.18 0.00	51.60 2.64 0.00	44.26 2.06 0.00	40.31 1.88 0.00	39.95 1.90 0.00
WATKINRD_115KV_LN8_ILLION 55919	39.14 0.16 0.00	30.60 0.10 0.00	29.68 0.11 0.00	33.96 0.09 0.00	35.19 0.12 0.00	35.56 0.15 0.00	45.54 0.57 0.00	42.42 0.75 0.00	35.91 0.41 0.00	36.28 -0.03 0.00	32.74 -0.12 0.00	27.23 -0.10 0.00	25.38 -0.13 0.00	26.27 -0.13 0.00	29.10 -0.07 0.00	34.98 0.06 0.00	52.05 0.28 0.00	45.98 0.62 0.00	47.95 0.74 0.00	50.86 0.73 0.00	49.57 0.61 0.00	42.55 0.36 0.00	38.75 0.31 0.00	38.40 0.35 0.00
WATSON___69_KV_BK 1 55734	42.10 3.12 0.00	32.88 2.38 0.00	32.19 2.30 -0.31	36.42 2.55 0.00	37.79 2.73 0.00	38.20 2.80 0.00	48.93 3.96 0.00	45.73 4.06 0.00	38.97 3.47 0.00	39.33 3.02 0.00	35.65 2.80 0.00	29.59 2.26 0.00	27.59 2.07 0.00	28.57 2.17 0.00	33.53 2.59 -1.76	71.57 3.15 -33.50	56.74 4.98 0.00	59.07 4.95 -8.77	56.05 5.15 -3.68	55.81 5.35 -0.33	68.36 4.85 -14.55	46.51 3.70 -0.62	46.43 3.28 -4.70	41.27 3.22 0.00
WDELAWARE___HYD 323627	39.87 0.89 0.00	31.16 0.66 0.00	30.16 0.59 0.00	34.54 0.66 0.00	35.90 0.83 0.00	36.37 0.97 0.00	46.75 1.78 0.00	43.53 1.87 0.00	36.97 1.47 0.00	37.26 0.95 0.00	33.59 0.74 0.00	27.77 0.44 0.00	25.23 -0.28 0.00	26.12 -0.27 0.00	28.99 -0.18 0.00	34.76 -0.16 0.00	51.93 0.15 0.00	46.18 0.83 0.00	48.23 1.02 0.00	51.20 1.06 0.00	50.86 1.90 0.00	43.52 1.32 0.00	39.56 1.12 0.00	39.16 1.11 0.00
WEST BABYLON___IC 23714	41.89 2.92 0.00	32.75 2.25 0.00	32.02 2.13 -0.31	36.24 2.37 0.00	37.60 2.54 0.00	38.01 2.60 0.00	48.67 3.70 0.00	45.50 3.83 0.00	38.74 3.24 0.00	39.13 2.81 0.00	35.48 2.62 0.00	29.48 2.15 0.00	27.48 1.97 0.00	28.46 2.06 0.00	33.38 2.44 -1.76	71.38 2.97 -33.50	56.39 4.62 0.00	58.74 4.62 -8.77	55.78 4.88 -3.68	55.49 5.03 -0.33	68.06 4.55 -14.55	46.29 3.48 -0.62	46.25 3.10 -4.70	41.10 3.05 0.00
WEST CANADA___HYD 24049	38.97 -0.01 0.00	30.47 -0.03 0.00	29.55 -0.03 0.00	33.84 -0.03 0.00	35.04 -0.03 0.00	35.40 0.00 0.00	45.11 0.14 0.00	41.95 0.29 0.00	35.70 0.20 0.00	36.36 0.05 0.00	32.89 0.03 0.00	27.36 0.04 0.00	25.54 0.03 0.00	26.43 0.03 0.00	29.23 0.06 0.00	35.01 0.09 0.00	51.97 0.20 0.00	45.65 0.30 0.00	47.55 0.33 0.00	50.47 0.33 0.00	49.21 0.25 0.00	42.35 0.15 0.00	38.59 0.15 0.00	38.20 0.15 0.00
WESTERN_NY_WIND 24143	36.85 -2.12 0.00	28.76 -1.75 0.00	28.00 -1.58 0.00	32.26 -1.61 0.00	33.31 -1.76 0.00	33.67 -1.73 0.00	42.99 -1.98 0.00	39.62 -2.04 0.00	34.05 -1.45 0.00	35.10 -1.22 0.00	31.77 -1.08 0.00	26.40 -0.93 0.00	24.85 -0.66 0.00	25.59 -0.81 0.00	27.84 -1.33 0.00	32.85 -2.07 0.00	48.84 -2.93 0.00	43.02 -2.34 0.00	45.11 -2.11 0.00	47.62 -2.51 0.00	45.91 -2.80 0.25	38.44 -3.05 0.70	35.49 -2.95 0.00	35.09 -2.96 0.00
WESTOVER___LESR 323668	38.64 -0.34 0.00	30.10 -0.40 0.00	29.25 -0.32 0.00	33.59 -0.28 0.00	34.82 -0.24 0.00	35.16 -0.24 0.00	45.00 0.03 0.00	41.67 0.01 0.00	35.58 0.08 0.00	36.24 -0.08 0.00	32.78 -0.07 0.00	27.21 -0.12 0.00	25.40 -0.11 0.00	26.23 -0.17 0.00	28.96 -0.20 0.00	34.61 -0.31 0.00	51.79 0.02 0.00	45.48 0.13 0.00	47.44 0.23 0.00	50.30 0.17 0.00	48.59 -0.31 0.07	41.53 -0.48 0.19	38.03 -0.41 0.00	37.68 -0.37 0.00
WETHRSFD_WT_PWR 323626	35.21 -3.03 0.73	24.27 -2.47 3.76	23.61 -2.28 3.68	26.92 -2.44 4.51	30.00 -2.60 2.47	30.88 -2.60 1.92	37.03 -3.16 4.78	32.14 -3.13 6.40	31.92 -2.49 1.09	34.04 -2.28 0.00	30.77 -2.09 0.00	25.56 -1.77 0.00	24.09 -1.43 0.00	24.92 -1.48 0.00	27.27 -1.90 0.00	32.28 -2.64 0.00	47.72 -4.05 0.00	41.63 -3.72 0.00	43.52 -3.70 0.00	45.96 -4.17 0.00	44.12 -4.54 0.30	36.81 -4.55 0.84	34.26 -4.18 0.00	33.86 -4.19 0.00
WHAVSTOR_138KV_BK127 55557	40.32 1.34 0.00	31.52 1.02 0.00	30.48 0.91 0.00	34.90 1.04 0.00	36.26 1.19 0.00	36.69 1.29 0.00	47.09 2.12 0.00	43.83 2.17 0.00	37.24 1.74 0.00	37.70 1.39 0.00	34.15 1.30 0.00	28.44 1.11 0.00	26.49 0.97 0.00	27.43 1.03 0.00	30.40 1.23 0.00	36.33 1.41 0.00	53.94 2.17 0.00	47.77 2.42 0.00	49.90 2.69 0.00	52.81 2.67 0.00	51.28 2.32 0.00	43.86 1.67 0.00	39.93 1.49 0.00	39.57 1.52 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.32 1.34 0.00	31.52 1.02 0.00	30.48 0.91 0.00	34.90 1.04 0.00	36.26 1.19 0.00	36.69 1.29 0.00	47.09 2.12 0.00	43.83 2.17 0.00	37.24 1.74 0.00	37.70 1.39 0.00	34.15 1.30 0.00	28.44 1.11 0.00	26.49 0.97 0.00	27.43 1.03 0.00	30.40 1.23 0.00	36.33 1.41 0.00	53.94 2.17 0.00	47.77 2.42 0.00	49.90 2.69 0.00	52.81 2.67 0.00	51.28 2.32 0.00	43.86 1.67 0.00	39.93 1.49 0.00	39.57 1.52 0.00
WHITEHAL_115KV_TB1 80871	42.01 3.04 0.00	32.70 2.20 0.00	31.52 1.94 0.00	35.83 1.96 0.00	37.51 2.45 0.00	37.54 2.14 0.00	48.06 3.09 0.00	44.48 2.82 0.00	37.48 1.98 0.00	37.83 1.52 0.00	33.99 1.14 0.00	28.25 0.93 0.00	26.28 0.77 0.00	27.29 0.90 0.00	30.47 1.30 0.00	36.84 1.92 0.00	55.04 3.27 0.00	48.02 2.66 0.00	49.91 2.70 0.00	52.62 2.48 0.00	51.35 2.39 0.00	44.28 2.08 0.00	40.65 2.21 0.00	40.01 1.96 0.00

WHITEPLN_13_KV_LOAD 356215	40.96 1.98 0.00	32.02 1.52 0.00	30.88 1.31 0.00	35.34 1.47 0.00	36.71 1.64 0.00	37.16 1.76 0.00	47.70 2.73 0.00	44.50 2.84 0.00	37.85 2.35 0.00	38.34 2.03 0.00	34.72 1.87 0.00	28.92 1.60 0.00	26.95 1.43 0.00	27.90 1.51 0.00	30.92 1.76 0.00	36.99 2.07 0.00	54.89 3.12 0.00	48.61 3.26 0.00	50.76 3.54 0.00	53.69 3.56 0.00	52.06 3.10 0.00	44.55 2.35 0.00	40.53 2.09 0.00	40.14 2.09 0.00
WM_FLOYD_69_KV_BK2 356380	41.92 2.95 0.00	32.70 2.20 0.00	32.09 2.21 -0.31	36.31 2.44 0.00	37.68 2.61 0.00	38.06 2.66 0.00	48.70 3.73 0.00	45.46 3.80 0.00	38.85 3.35 0.00	39.11 2.80 0.00	35.44 2.59 0.00	29.34 2.01 0.00	27.32 1.81 0.00	28.31 1.91 0.00	33.30 2.37 -1.76	71.36 2.94 -33.50	56.59 4.82 0.00	59.12 5.00 -8.77	56.03 5.13 -3.68	55.69 5.23 -0.33	68.23 4.72 -14.55	46.24 3.43 -0.62	46.16 3.02 -4.70	40.97 2.93 0.00
WOODARD__115KV_TB2 355635	37.85 -1.12 0.00	29.57 -0.93 0.00	28.68 -0.89 0.00	32.89 -0.98 0.00	34.07 -1.00 0.00	34.42 -0.98 0.00	43.95 -1.02 0.00	40.52 -1.14 0.00	34.54 -0.96 0.00	35.23 -1.08 0.00	31.81 -1.05 0.00	26.44 -0.89 0.00	24.70 -0.82 0.00	25.53 -0.87 0.00	28.15 -1.01 0.00	33.69 -1.23 0.00	50.19 -1.58 0.00	44.15 -1.20 0.00	46.05 -1.16 0.00	48.81 -1.32 0.00	47.44 -1.52 0.00	40.70 -1.50 0.01	37.02 -1.41 0.00	36.61 -1.44 0.00
YORK____WARBASSE 23770	40.81 1.84 0.00	31.89 1.39 0.00	30.79 1.22 0.00	35.23 1.36 0.00	36.62 1.55 0.00	37.11 1.70 0.00	47.51 2.54 0.00	44.36 2.69 0.00	37.83 2.33 0.00	38.42 2.10 0.00	34.83 1.97 0.00	30.07 1.70 -1.04	28.05 1.47 -1.07	28.05 1.58 -0.07	31.46 1.81 -0.47	37.04 2.12 0.00	54.81 3.04 0.00	48.35 2.99 0.00	50.46 3.24 0.00	53.48 3.35 0.00	51.79 2.83 0.00	44.42 2.23 0.00	40.50 2.06 0.00	40.14 2.09 0.00